CATALOG
INTERNATIONAL

GIACOMINI
WATER E-MOTION

2024-2025

"THE UIBM* OFFICIALLY RECOGNIZED GIACOMINI SPA AS AN ITALIAN HISTORICAL TRADEMARK"

June 10th —— This prestigious certification is awarded to the owners or exclusive licensees of trademarks that have been registered for at least fifty years and used for the marketing of products or services made by a national manufacturing company of excellence historically linked to the national territory. Simultaneously, upon enrolling in the UIBM Registry, Giacomini also joined the Association of Historical Trademarks of Italy. The purpose of this association is "to promote at all levels the strategic importance of historical Italian trademarks and to leverage them as a tool for enhancing the competitiveness and internationalization of the country".

unique home

all comfort in one

Unbeatable comfort and convenience

Discover the benefits of the Unique Home system:
the finest Giacomini technology for homes,
with all the convenience and reliability of bringing
everything together in a single solution.

EFFICIENCY

SUSTAINABILITY

SAVINGS

SERVICE

Unique Home by Giacomini is an "all-in-one" solution that offers unparalleled efficiency and comfort by linking together heating, cooling, ventilation and domestic hot water systems. You know that you can count on the consummate comforts of the Unique Home system thanks to a single quality mark that applies to the entire production chain.

giacomini.com

GIACOMINI
WATER E-MOTION

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"MADE IN ITALY EXCELLENCE FOR GLOBAL DEVELOPMENT"

BELGIUM	CZECH REPUBLIC	INDIA	PORTUGAL	SPAIN	HONG KONG
CANADA	GERMANY	JORDAN	RUSSIA	SWITZERLAND	UNITED KINGDOM
CHINA	FRANCE	POLAND	SLOVAKIA	TURKEY	USA

80 tons of brass processed every day, **900** employees, **130000** m^2 of production facilities, **18** International Organization **+280** million € turnover in 2023, **+70%** of the turnover from export

ITALY

Headquarter and brass division
Via per Alzo, 39
28017 San Maurizio d'Opaglio
Novara

Plastic division
Via Brughiere, 29,
28017 S. Maurizio d'Opaglio
Novara

Forging division
Via Bisavola, 4,
37014 Castelnuovo del Garda
Verona

"WHERE THERE IS ENERGY, THERE IS GIACOMINI"

We work on multiple levels of intervention, as many as the skills we have grown in time. Many of these have been acknowledged internationally, as proven by the certifications we have achieved.

Energy Management. Components for energy consumption optimization and metering, and for hot and cold fluid distribution..

Water Management. Components for drinking water distribution lines, domestic water system devices.

Gas Distribution. Components and systems for safe and high-performing gas distribution in buildings.

Hydrogen Systems. Innovative and integrated solutions for eco-friendly hydrogen-fueled heating systems.

Fire Protection. Specialized top-performance components for the professional fire protection sector.

Renewable Sources. Components dedicated to energy production systems from renewable sources.

Radiant Systems. Floor, wall and ceiling radiant systems for residential and commercial applications, thermoregulation and air treatment.

Certifications. Giacomini SpA has an Integrated Management System certified by ICIM for Quality, Environment, Health and Safety at Work.

"INNOVATION, TRAINING AND COLLABORATION"

We dedicate great care to the competence and professionalism of our collaborators through a non-stop training process that includes updating sessions, dedicated training, periodical panels of technical analysis, seminars, webinars and on-demand sessions.
Giacomini Academy, a step to the future.

Giacomini provides all its clients a simple and efficient tool
to learn the installation and service procedures for main products,
to stay updated and solve common problems

Follow us on our YouTube channel
GIACOMINI VIDEO PROJECT.

ACADEMY

In-house training to support clients. This ensures our customers can always rely on highly qualified and specialized support.

Professional training. Our goal is to make Giacomini Academy a place where we can exchange and compare knowledge with partners as a source of mutual growth and stimulus for constant improvement. Our workshops aim at putting new market trends, the most recent technologies and law provisions and standards under the spotlight while thoroughly analyzing installation details.

❯ **Energy Management.** Course describing components for energy consumption optimization. Types of metering (direct and indirect), thermostatic heads, etc. Dynamic flow systems.

❯ **Radiant Systems**. The course will analyze basic concepts for thermoregulation of floor and ceiling radiant systems

❯ **Water Management.** Analysis of water distribution systems with PEX/Al/PEX, PEX, PP-R pipes. Products for flow shut-off and regulation, various fitting ranges.

❯ **Gas Distribution.** Analysis of systems recommended for gas distribution and shut-off for domestic use

❯ **Renewable Sources.** Course dedicated to products and systems for renewable energy sources and with low environment impact. Heat pumps, Solar energy, Geothermal energy, Biomasses, etc.

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RADIATOR SYSTEM PRODUCTS

The most traditional device for heating a room - the radiator - has always been able to rely on Giacomini components. We are universally recognised as specialists in the manufacture of valves, lockshield valves, thermostatic heads, and all accessories involved in the operation of any heating element. Technical skill, production reliability, wide range: these are the characteristics that allow us to easily equip every type of radiator, whether in new installations or in energy requalification projects.

GIACOMINI
WATER E-MOTION

Manual radiator valves

R5TG

PRODUCT CODE	SIZE	▢	⊞
R5X032	3/8"	1	50
R5X033	1/2"	1	50
R5X034	3/4" *	5	50
R5X035	1" *	2	20
* Tail piece without self-sealing			

Manual angle valve, iron pipe connection, chrome plated and self-sealing tail pieces.

R6TG

PRODUCT CODE	SIZE	▢	⊞
R6X032	3/8"	1	50
R6X033	1/2"	1	50
R6X034	3/4" *	5	50
R6X035	1" *	2	20
* Tail piece without self-sealing			

Manual straight valve, iron pipe connection, chrome plated and self-sealing tail pieces.

R25TG

PRODUCT CODE	SIZE	▢	⊞
R25X032	3/8" x 16	1	50
R25X033	1/2" x 16	1	50
R25X034	1/2" x 18	1	50

Manual angle valve, adaptor connection, chrome plated and self-sealing tail pieces. Piping connection with Base 16 or Base 18 adaptors.

R27TG

PRODUCT CODE	SIZE	▢	⊞
R27X032	3/8" x 16	1	50
R27X033	1/2" x 16	1	50
R27X034	1/2" x 18	1	50

Manual straight valve, adaptor connection, chrome plated and self-sealing tail pieces. Piping connection with Base 16 or Base 18 adaptors.

R705A

PRODUCT CODE	SIZE	▢	⊞
R705X013	1/2"	10	100
R705X023	1/2" *	50	-
* Tail piece without self-sealing			

Manual angle valve, iron pipe connection, chrome plated and self-sealing tail pieces.

R706A

PRODUCT CODE	SIZE	▢	⊞
R706X013	1/2"	5	50

Manual straight valve, iron pipe connection, chrome plated and self-sealing tail pieces.

Thermostatic Radiator Valves

R421TG

PRODUCT CODE	SIZE	▢	⊞
R421X132	3/8" **	1	50
R421X133	1/2" **	1	50
R421X034	3/4" *	5	50
R421X035	1" *	2	20
* Tail piece without self-sealing			

Micrometric angle valve with thermostatic option, chrome plated, iron pipe connection and self-sealing tail pieces.

CERTIFICATIONS AND SYMBOLS

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R422TG

PRODUCT CODE	SIZE	▢	⊞
R422X132	3/8" **	1	50
R422X133	1/2" **	1	50
R422X034	3/4" *	5	50
R422X035	1" *	2	20
* Tail piece without self-sealing			

Micrometric straight valve with thermostatic option, chrome plated, iron pipe connection and self-sealing tail pieces.

CERTIFICATIONS AND SYMBOLS

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R431TG

PRODUCT CODE	SIZE	⬚	⊞
R431X032	3/8" x 16	1	50
R431X033	1/2" x 16	1	50
R431X034	1/2" x 18	1	50
R431EX037	1/2" x 3/4"Eurocone	1	50

Micrometric angle valve with thermostatic option, chrome plated, adaptor connection and self-sealing tail pieces. Piping connection with Base 16, Base 18 or 3/4"E adaptors.

R432TG

PRODUCT CODE	SIZE	⬚	⊞
R432X032	3/8" x 16	1	50
R432X033	1/2" x 16	1	50
R432X034	1/2" x 18	1	50
R432EX037	1/2" x 3/4"Eurocone	1	50

Micrometric straight valve with thermostatic option, chrome plated, adaptor connection and self-sealing tail pieces. Piping connection with Base 16, Base 18 or 3/4"E adaptors.

R435TG

IRON PIPE CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R435X053	1/2" *	1	50

ADAPTOR CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R435X062	1/2" x 16	1	50
R435X043	1/2" x 18	1	50

Micrometric reverse angle valve with thermostatic option, chrome plated, iron pipe connection or adaptor connection. Self-sealing tail pieces. Adaptor connection: piping connection with Base 16 or Base 18 adaptors.

CERTIFICATIONS AND SYMBOLS

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R401TG

PRODUCT CODE	SIZE	⬚	⊞
R401X132	3/8" **	1	50
R401X133	1/2" **	1	50
R401X034	3/4" *	5	50
R401X035	1" *	2	20

* Tail piece without self-sealing

Angle valve with thermostatic option, chrome plated, iron pipe connection and self-sealing tail pieces. With cover to protect the body before assembling.

CERTIFICATIONS AND SYMBOLS

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R402TG

PRODUCT CODE	SIZE	⬚	⊞
R402X132	3/8" **	1	50
R402X133	1/2" **	1	50
R402X034	3/4" *	5	50
R402X035	1" *	2	20

* Tail piece without self-sealing

Straight with thermostatic option, chrome plated, iron pipe connection and self-sealing tail pieces. With cover to protect the body before assembling.

CERTIFICATIONS AND SYMBOLS

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R411TG

PRODUCT CODE	SIZE	⬚	⊞
R411X032	3/8" x 16	1	50
R411X033	1/2" x 16	1	50
R411X034	1/2" x 18	1	50

Angle valve with thermostatic option, chrome plated, adaptor connection and self-sealing tail pieces. With cover to protect the body before assembling. Piping connection with Base 16 or Base 18 adaptors.

R412TG

PRODUCT CODE	SIZE	⬚	⊞
R412X032	3/8" x 16	1	50
R412X033	1/2" x 16	1	50
R412X034	1/2" x 18	1	50

Straight valve with thermostatic option, chrome plated, adaptor connection and self-sealing tail pieces. With cover to protect the body before assembling. Piping connection with Base 16 or Base 18 adaptors.

R415TG

IRON PIPE CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R415X033	1/2" *	1	50

ADAPTOR CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R415X042	1/2" x 16	1	50
R415X043	1/2" x 18	1	50

Reverse angle valve with thermostatic option, chrome plated, iron pipe connection or adaptor connection. Self-sealing tail pieces. With cover to protect the body before assembling. Adaptor connection: piping connection with Base 16 or Base 18 adaptors.

CERTIFICATIONS AND SYMBOLS

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R403TG

IRON PIPE CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R403X062	3/8" - right	1	50
R403X052	3/8" - left	1	50
R403X064	1/2" - right	1	50
R403X054	1/2" - left	1	50

ADAPTOR CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R403X034	1/2" x 18 - right	1	50
R403X024	1/2" x 18 - left	1	50

Micrometric double angle valve with thermostatic option, chrome plated, iron pipe or adaptor connection. Self-sealing tail pieces. With cover to protect the body before assembling. Adaptor connection: piping connection with Base 16 or Base 18 adaptors.

⏵ Thermostatic Radiator Valves with dynamic balancing

R401DB

PRODUCT CODE	SIZE	⊡	⊞
R401DBX032	3/8"	1	50
R401DBX033	1/2"	1	50
R401DBX004	3/4"	1	30

Angle valve with thermostatic option with dynamic flow balancing, chrome plated, iron pipe connection and self-sealing tail pieces. With cover to protect the body before assembling.

ⓘ **INFO**

For adjustment use the setting key R73PY010.

R402DB

PRODUCT CODE	SIZE	⊡	⊞
R402DBX032	3/8"	1	50
R402DBX033	1/2"	1	50
R402DBX004	3/4"	1	30

Straight valve with thermostatic option with dynamic flow balancing, chrome plated, iron pipe connection and self-sealing tail pieces. With cover to protect the body before assembling.

ⓘ **INFO**

For adjustment use the setting key R73PY010.

R411DB

PRODUCT CODE	SIZE	⊡	⊞
R411DBX033	1/2" x 16	1	50

Angle valve with thermostatic option with dynamic flow balancing, chrome plated, adaptor connection and self-sealing tail pieces. With cover to protect the body before assembling. Piping connection with Base 16 adaptors.

ⓘ **INFO**

For adjustment use the setting key R73PY010.

R412DB

PRODUCT CODE	SIZE	⊡	⊞
R412DBX033	1/2" x 16	1	50

Straight valve with thermostatic option with dynamic flow balancing, chrome plated, adaptor connection and self-sealing tail pieces. With cover to protect the body before assembling. Piping connection with Base 16 adaptors.

ⓘ **INFO**

For adjustment use the setting key R73PY010.

⏵ VIDEO **DB series valves**

R415DB

IRON PIPE CONNECTION

PRODUCT CODE	SIZE	⊡	⊞
R415DBX033	1/2"	1	50

ADAPTOR CONNECTION

PRODUCT CODE	SIZE	⊡	⊞
R415DBX042	1/2" x 16	1	50

R415DBX033

R415DBX042

Reverse angle valve with thermostatic option with dynamic flow balancing, chrome plated, iron pipe connection or adaptor connection. Self-sealing tail pieces. With cover to protect the body before assembling. Adaptor connection: piping connection with Base 16 adaptors.

ⓘ **INFO**

For adjustment use the setting key R73PY010.

R73P

PRODUCT CODE	SIZE	⊡	⊞
R73PY010	-	1	-

Setting key for PTG and DB series valves and manifolds.

P12ADB

PRODUCT CODE	SIZE	⊡	⊞
P12ADBX001	3/8" - 1/2" (LF)	1	50
P12ADBX002	3/8" - 1/2" (HF)	1	50

Bonnet for DB series thermostatic valves, R553FKDB and R553FDB manifolds, equipped with R73PY010 setting key.

ⓘ **INFO**

- P12ADBX001: Low Flow version (LF);
Clip Clap connection; red color membrane.
- P12ADBX002: High Flow version (HF);
Clip Clap connection; black color membrane.
P12ADB bonnets for DB series dynamic balancing valves and manifolds are not compatible with other Giacomini valves and manifolds.

PATENTED Automatic Flow Rate Balancing.
The integrated cartridge controls and limits the flow rate to preset values while balancing every radiator of the system.
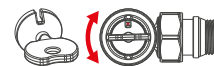
R400DB

PRODUCT CODE	SIZE	⊡	⊞
R400DBX001	-	1	-

DB bonnet replacement kit, to replace the bonnet of the DB series thermostatic valves, without emptying the system.
Suitable for replacing P12ADBX001, P12ADBX002, P12HDBX001, P12HDBX001 bonnets.
Supplied in a practical case complete with instructions and adaptors for spare bonnets.

⏵ VIDEO **R400DB**

❯ Thermostatic Radiator Valves with presetting

R401PTG

PRODUCT CODE	SIZE	▱	⊞
R401PX232	3/8"	1	50
R401PX233	1/2"	1	50
R401PX234	3/4"	1	50

Angle valve with thermostatic option and presetting, chrome plated, iron pipe connection and self-sealing tail pieces. With cover to protect the body before assembling.

ⓘ**INFO**

For adjustment use key R73PY010.

R402PTG

PRODUCT CODE	SIZE	▱	⊞
R402PX232	3/8"	1	50
R402PX233	1/2"	1	50
R402PX234	3/4"	1	50

Straight valve with thermostatic option and presetting, chrome plated, iron pipe connection and self-sealing tail pieces. With cover to protect the body before assembling.

ⓘ**INFO**

For adjustment use key R73PY010.

R411PTG

PRODUCT CODE	SIZE	▱	⊞
R411PX232	3/8" x 16	1	50
R411PX233	1/2" x 16	1	50

Angle valve with thermostatic option and presetting, chrome plated, adaptor connection and self-sealing tail pieces. With cover to protect the body before assembling. Piping connection with Base 16 adaptors.

ⓘ**INFO**

For adjustment use key R73PY010.

R412PTG

PRODUCT CODE	SIZE	▱	⊞
R412PX232	3/8" x 16	1	50
R412PX233	1/2" x 16	1	50

Straight valve with thermostatic option and presetting, chrome plated, adaptor connection and self-sealing tail pieces. With cover to protect the body before assembling. Piping connection with Base 16 adaptors.

ⓘ**INFO**

For adjustment use key R73PY010.

R415PTG

IRON PIPE CONNECTION

PRODUCT CODE	SIZE	▱	⊞
R415PX033	1/2"	1	50

ADAPTOR CONNECTION

PRODUCT CODE	SIZE	▱	⊞
R415PX242	1/2" x 16	1	50

Reverse angle valve with thermostatic option and presetting, chrome plated, adaptor or iron pipe connection and self-sealing tail pieces. With cover to protect the body before assembling.

ⓘ**INFO**

For adjustment use key R73PY010.

R460PA

PRODUCT CODE	SIZE	▱	⊞
R460PA002	3/8" x 16 - angle	50	-
R460PA003	1/2" x 16 - angle	50	-
R460PA012	3/8" x 16 - straight	50	-
R460PA013	1/2" x 16 - straight	50	-

Radiator system kit (valve with presetting and lockshield), with R460 thermostatic head, adaptor connection.
Piping connection with Base 16 adaptors.

ⓘ**INFO**

R460PA002, R460PA003: R460 + R411PTG + R29TG
R460PA012, R460PA013: R460 + R412PTG + R31TG

R73P

PRODUCT CODE	SIZE	▱	⊞
R73PY010	-	1	-

Setting key for PTG and DB series valves and manifolds.

⟩ Thermostatic Radiator Valves with dynamic balancing and M30 x 1,5 mm connections

R401HDB

PRODUCT CODE	SIZE	▢	⊞
R401HDBX102	3/8"	1	50
R401HDBX103	1/2"	1	50
R401HDBX104	3/4"	1	30

Angle valve with thermostatic option with dynamic flow balancing (threaded connection M30x1,5 mm), chrome plated, iron pipe connection. With cover to protect the body before assembling.

ⓘ **INFO**

For adjustment use the setting key R73PY010.

CERTIFICATIONS AND SYMBOLS

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P12HDB

PRODUCT CODE	SIZE	▢	⊞
P12HDBX001	3/8" - 1/2" (LF)	1	50

Bonnet for HDB thermostatic valves, equipped with R73PY010 setting key.

ⓘ **INFO**

- P12HDBX001: Low Flow version (LF);
M30 x 1,5 mm connection; red color membrane.
P12HDB bonnets HDB series dynamic balancing valves are not compatible with other Giacomini valves.

R402HDB

PRODUCT CODE	SIZE	▢	⊞
R402HDBX102	3/8"	1	50
R402HDBX103	1/2"	1	50
R402HDBX104	3/4"	1	30

Straight valve with thermostatic option with dynamic flow balancing (threaded connection M30x1,5 mm), chrome plated, iron pipe connection. With cover to protect the body before assembling.

ⓘ **INFO**

For adjustment use the setting key R73PY010.

CERTIFICATIONS AND SYMBOLS

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R400DB

PRODUCT CODE	SIZE	▢	⊞
R400DBX001	-	1	-

DB bonnet replacement kit, to replace the bonnet of the DB series thermostatic valves, without emptying the system.
Suitable for replacing P12ADBX001, P12ADBX002, P12HDBX001, P12HDBX001 bonnets.
Supplied in a practical case complete with instructions and adaptors for spare bonnets.

▶ **VIDEO**
R400DB

R415HDB

PRODUCT CODE	SIZE	▢	⊞
R415HDBX103	1/2"	1	50

Reverse angle valve with thermostatic option with dynamic flow balancing (threaded connection M30x1,5 mm), chrome plated, iron pipe connection. With cover to protect the body before assembling.

ⓘ **INFO**

For adjustment use the setting key R73PY010.

CERTIFICATIONS AND SYMBOLS

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R73P

PRODUCT CODE	SIZE	▢	⊞
R73PY010	-	1	-

Setting key for PTG and DB series valves and manifolds.

⟩ Thermostatic Radiator Valves with M30 x 1,5 mm connections

R401H

PRODUCT CODE	SIZE	▢	⊞
R401HX003	1/2"	1	50
R401HX004	3/4"	5	50

Angle valve with thermostatic option (threaded connection M30x1,5 mm), chrome plated, iron pipe connection. With cover to protect the body before assembling.

CERTIFICATIONS AND SYMBOLS

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R402H

PRODUCT CODE	SIZE	▢	⊞
R402HX003	1/2"	1	50
R402HX004	3/4"	5	50

Straight valve with thermostatic option (threaded connection M30x1,5 mm), chrome plated, iron pipe connection. With cover to protect the body before assembling.

CERTIFICATIONS AND SYMBOLS

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R403H

PRODUCT CODE	SIZE	⬜	⊞
R403HX023	1/2" - left	1	50
R403HX033	1/2" - right	1	50

Double angle valve with thermostatic option (threaded connection M30x1,5 mm), chrome plated, iron pipe connection. With cover to protect the body before assembling.

R415H

PRODUCT CODE	SIZE	⬜	⊞
R415HX003	1/2"	1	50

Reverse angle valve with thermostatic option (threaded connection M30x1,5 mm), chrome plated, iron pipe connection. With cover to protect the body before assembling.

❯ Lockshields

R16TG

IRON PIPE CONNECTION

PRODUCT CODE	SIZE	⬜	⊞
R16X032	3/8"	1	50
R16X033	1/2"	1	50

ADAPTOR CONNECTION

PRODUCT CODE	SIZE	⬜	⊞
R16EX037	1/2" x 3/4"Eurocone	1	50

Angle lockshield, chrome plated, iron pipe connection or adaptor connection. Self-sealing tail pieces. Brass cap. Adaptor connection: piping connection with 3/4"E adaptors.

R15TG

PRODUCT CODE	SIZE	⬜	⊞
R15X032	3/8"	1	50
R15X033	1/2"	1	50
R15X034	3/4" *	5	50
R15X035	1" *	2	20
R15X036	1 1/4" *	2	20

* Tail piece without self-sealing, brass cap

Straight lockshield, chrome plated, iron pipe connection and self-sealing tail pieces. Plastic cap.

R17TG

IRON PIPE CONNECTION

PRODUCT CODE	SIZE	⬜	⊞
R17X032	3/8"	1	50
R17X033	1/2"	1	50

ADAPTOR CONNECTION

PRODUCT CODE	SIZE	⬜	⊞
R17EX037	1/2" x 3/4"Eurocone	1	50

Straight lockshield, chrome plated, iron pipe connection or adaptor connection. Self-sealing tail pieces. Brass cap. Adaptor connection: piping connection with 3/4"E adaptors.

R29TG

PRODUCT CODE	SIZE	⬜	⊞
R29X032	3/8" x 16	1	50
R29X033	1/2" x 16	1	50
R29X034	1/2" x 18	1	50
R29EX037	1/2" x 3/4"Eurocone	1	50

Angle lockshield, chrome plated, adaptor connection and self-sealing tail pieces. Plastic cap. Piping connection with Base 16, Base18 or 3/4"E adaptors.

R14TG

PRODUCT CODE	SIZE	⬜	⊞
R14X032	3/8"	1	50
R14X033	1/2"	1	50
R14X034	3/4" *	5	50
R14X035	1" *	2	20
R14X036	1 1/4" *	2	20

* Tail piece without self-sealing, brass cap

Angle lockshield, chrome plated, iron pipe connection and self-sealing tail pieces. Plastic cap.

R31TG

PRODUCT CODE	SIZE	⬜	⊞
R31X032	3/8" x 16	1	50
R31X033	1/2" x 16	1	50
R31X034	1/2" x 18	1	50
R31EX037	1/2" x 3/4"Eurocone	1	50

Straight lockshield, chrome plated, adaptor connection and self-sealing tail pieces. Plastic cap. Piping connection with Base 16, Base 18 or 3/4"E adaptors.

R16D2

PRODUCT CODE	SIZE	▢	⊞
R16DX002	3/8"	10	100
R16DX003	1/2"	10	100
R16DX004	3/4"	5	50

Angle lockshield, chrome plated,
iron pipe connection. Brass cap.
In accordance with DIN 3842.

R17C2

PRODUCT CODE	SIZE	▢	⊞
R17CX003	1/2" x Ø15	1	50

Straight lockshield, nickel plated,
solder connection. Brass cap.
In accordance with DIN 3842.

R17D2

PRODUCT CODE	SIZE	▢	⊞
R17DX002	3/8"	10	100
R17DX003	1/2"	10	100
R17DX004	3/4"	5	50

Straight lockshield, chrome plated,
iron pipe connection. Brass cap.
In accordance with DIN 3842.

R714TG

PRODUCT CODE	SIZE	▢	⊞
R714X032	3/8"	10	100
R714X033	1/2"	10	100
R714X034	3/4" *	5	50

* Tail piece without self-sealing

Angle lockshield with possibility of drainage,
chrome plated, iron pipe connection
and self-sealing tail piece. Brass cap.

R16C2

PRODUCT CODE	SIZE	▢	⊞
R16CX003	1/2" x Ø15	1	50

Angle lockshield, nickel plated,
solder connection. Brass cap.
In accordance with DIN 3842.

R715TG

PRODUCT CODE	SIZE	▢	⊞
R715X032	3/8"	10	100
R715X033	1/2"	10	100
R715X034	3/4"*	5	50

* Tail piece without self-sealing

Straight lockshield with possibility of drainage,
chrome plated, iron pipe connection
and self-sealing tail piece. Brass cap.

❯ Thermostatic heads

R468

PRODUCT CODE	SIZE	▢	⊞
R468X001	-	1	50

Thermostatic head with liquid probe.
Clip Clap quick connection system for installation
on all the "TG, D, F series" valves
with thermostatic option. Adjustment
positions from * to ☼, corresponding to a
temperature range of 8÷28 °C. Position "0"
for shut-off function.
Temperature range in combination
with the valve bodies: 5÷110 °C.
Max. working pressure in combination
with the valve bodies: 10 bar.
Numbering in Braille, enabling blind
and/or partially-sighted people to make
the necessary adjustments.

CERTIFICATIONS AND SYMBOLS

028

⊙ **VIDEO**
Clip Clap

R468H

PRODUCT CODE	SIZE	▢	⊞
R468HX001	-	1	50
R468HX051	With anti-tamper ring nut	1	50

Thermostatic head with liquid probe.
Ring nut with standard thread M30x1,5 mm
for installation on all the "H series" valves
with thermostatic option. Adjustment
positions from * to ☼, corresponding to a
temperature range of 8÷28 °C. Position "0"
for shut-off function.
Temperature range in combination
with the valve bodies: 5÷110 °C.
Max. working pressure in combination
with the valve bodies: 10 bar.
Numbering in Braille, enabling blind and/or
partially-sighted people to make the necessary
adjustments.

CERTIFICATIONS AND SYMBOLS

028

R460

PRODUCT CODE	SIZE	⬜	⊞
R460X001	-	1	50

Thermostatic head with liquid probe.
Clip Clap quick connection system
for installation on all the "TG, D, F series" valves
with thermostatic option. Adjustment positions
from * to ☼, corresponding to a temperature
range of 8÷30 °C.
Temperature range in combination
with the valve bodies: 5÷110 °C.
Max. working pressure in combination
with the valve bodies: 10 bar.

CERTIFICATIONS AND SYMBOLS

E
028

▶ **VIDEO**
Clip Clap

R470

PRODUCT CODE	SIZE	⬜	⊞
R470X001	-	1	50

Thermostatic head with liquid probe.
Clip Clap quick connection system for installation
on all the "TG, D, F series" valves
with thermostatic option. Adjustment positions
from * to ☼, corresponding to a temperature
range of 8÷30 °C.
Temperature range in combination
with the valve bodies: 5÷110 °C.
Max. working pressure in combination
with the valve bodies: 10 bar.

CERTIFICATIONS AND SYMBOLS

E
028

▶ **VIDEO**
Clip Clap

R460H

PRODUCT CODE	SIZE	⬜	⊞
R460HX011	-	1	50

Thermostatic head with liquid probe.
Ring nut with standard thread M30x1,5 mm
for installation on all the "H series" valves
with thermostatic option. Adjustment
positions from * to ☼, corresponding to a
temperature range of 8÷30 °C.
Temperature range in combination
with the valve bodies: 5÷110 °C.
Max. working pressure in combination
with the valve bodies: 10 bar.

CERTIFICATIONS AND SYMBOLS

E
028

R470H

PRODUCT CODE	SIZE	⬜	⊞
R470HX001	-	1	50

Thermostatic head with liquid probe.
Ring nut with standard thread M30x1,5 mm for
installation on all the "H series" valves
with thermostatic option. Adjustment
positions from * to ☼, corresponding to a
temperature range of 8÷30 °C.
Temperature range in combination
with the valve bodies: 5÷110 °C.
Max. working pressure in combination
with the valve bodies: 10 bar.

CERTIFICATIONS AND SYMBOLS

E
028

R462

PRODUCT CODE	SIZE	⬜	⊞
R462X002	2 m	1	25
R462X005	5 m	1	25

Thermostatic head with remote liquid probe.
Adjustable on valve.
Adjustment positions from * to ☼,
corresponding to a temperature range
of 8÷32 °C.

R463

PRODUCT CODE	SIZE	⬜	⊞
R463X002	2 m	1	25
R463X005	5 m	1	25

Thermostatic head with liquid probe
and remote adjustment.
Adjustment positions from 1 to 5, corresponding
to a temperature range of 8÷32 °C.

❯ Radiator system kits

R705K

PRODUCT CODE	SIZE	⬜	⊞
R705KX003	1/2"	1	25
R705KX033	1/2"	1	25
R705KX053	1/2" x 16	1	25
R705KX113	1/2" x 16	1	20

Radiator system kit (valve and lockshield),
angle version, iron pipe connection
or adaptor connections.
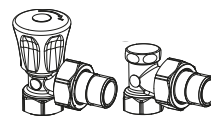
R705KX003
1/2" iron pipe connection
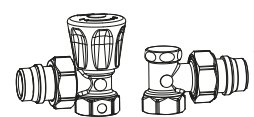
R705KX033
1/2" iron pipe connection with self-sealing

R705KX053
1/2" adaptor connection with self-sealing
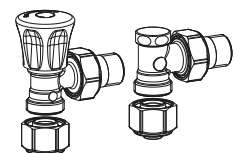
R705KX113
1/2" adaptor connection
R179MX014 16x(16x2) adaptor included

R706K

PRODUCT CODE	SIZE	🗍	⊞
R706KX003	1/2"	1	25

Radiator system kit (valve and lockshield), straight version, iron pipe connection.

ⓘ **INFO**

R706KX003: R706A + R17TG

R431K

PRODUCT CODE	SIZE	🗍	⊞
R431KX023	1/2" x (16 x 2)	1	26

Angle valve and lockshield kit with adaptors.
Consisting of:
- R431TG chrome plated micrometric angle valve with thermostatic option.
- R16 chrome plated angle lockshield.
- Pair of R179M adaptors for copper, plastic or multilayer pipe.

R470A

ANGLE AND STRAIGHT KIT

PRODUCT CODE	SIZE	🗍	⊞
R470AX002	3/8" x 16 - angle	1	10
R470AX003	1/2" x 16 - angle	1	10
R470AX012	3/8" x 16 - straight	1	10
R470AX013	1/2" x 16 - straight	1	10

COAXIAL KIT

PRODUCT CODE	SIZE	🗍	⊞
R470AX023	1/2" x 16 - angle	1	10

Radiator system kit (valve and lockshield), with R470 thermostatic head, adaptor connection.
Piping connection with Base 16 adaptors.

ⓘ **INFO**

Adaptor connection, to complete with R178, R179 or R179AM.

R470AX002, R470AX003: R470 + R411TG + R29TG

R470AX012, R470AX013: R470 + R412TG + R31TG

R470AX023: R470 + R415TG + R29TG

R470F

ANGLE AND STRAIGHT KIT

PRODUCT CODE	SIZE	🗍	⊞
R470FX002	3/8" - angle	1	10
R470FX003	1/2" - angle	1	10
R470FX012	3/8" - straight	1	10
R470FX013	1/2" - straight	1	10

COAXIAL KIT

PRODUCT CODE	SIZE	🗍	⊞
R470FX023	1/2" - angle - plastic cap	1	10
R470FX027	1/2" - angle - brass cap	1	8

Radiator system kit (valve and lockshield), with R470 thermostatic head, iron pipe connection.

R470FX002, R470FX003: R470 + R401TG + R14TG

R470FX012, R470FX013: R470 + R402TG + R15TG

R470FX023: R470 + R415TG + R14TG

R470FX027: R470 + R415TG + R16TG

R470F-KV

PRODUCT CODE	SIZE	🗍	⊞
R470FX054	3/4" - angle	1	10
R470FX064	3/4" - straight	1	10

Radiator system kit (valve and lockshield), with R470H thermostatic head, iron pipe connection.

R470FX054: R470H + R401H + R14TG

R470FX064: R470H + R402H + R15TG

► Valves for panel radiators

R387L

PRODUCT CODE	SIZE	⬚	⊞
R387LX001	B.18 x G 3/4"F	1	50
R387LX011	B.18 x G 1/2"M	1	50
R387LX002	3/4"E x G 3/4"F	1	50
R387LX012	3/4"E x G 1/2"M	1	50

Straight valve for radiator panels,
with integrated thermostatic group,
for floor-deriving pipes, nickel plated brass.
Flat seat connections with gaskets,
including self-sealing adaptors for 3/4"M
or 1/2"F panel radiators.
Center distance 50 mm.
Piping connection with Base 18 or 3/4"E
adaptors.

R387LX001 - 002

R387LX011 - 012

R388L

PRODUCT CODE	SIZE	⬚	⊞
R388LX001	B.18 x G 3/4"F	1	50
R388LX011	B.18 x G 1/2"M	1	50
R388LX002	3/4"E x G 3/4"F	1	50
R388LX012	3/4"E x G 1/2"M	1	50

Angle valve for radiator panels,
with integrated thermostatic group,
for wall-deriving pipes, nickel plated brass.
Flat seat connections with gaskets,
including self-sealing adaptors for 3/4"M
or 1/2"F panel radiators.
Center distance 50 mm.
Piping connection with Base 18 or 3/4"E
adaptors.

R388LX001 - 002

R388LX011 - 012

R385T

PRODUCT CODE	SIZE	⬚	⊞
R385TX013	3/4"E x G 3/4"F + adaptors	1	25

Twin-pipe straight valve with thermostatic
option for radiator panels and toweldryers.
Thermostatic head installation
from the right or from the left.
Flat seat connections with gaskets,
equipped with self-sealing adaptors.
Piping connection with 3/4"E adaptors.

R386T

PRODUCT CODE	SIZE	⬚	⊞
R386TX013	3/4"E x G 3/4"F + adaptors	1	25

Twin-pipe angle valve with thermostatic option
for radiator panels and toweldryers.
Thermostatic head installation
from the right or from the left.
Flat seat connections with gaskets,
equipped with self-sealing adaptors.
Piping connection with 3/4"E adaptors.

R387

PRODUCT CODE	SIZE	⬚	⊞
R387X001	B.18 x G 3/4"F	5	50
R387X012	3/4"E x G 1/2"M	5	50
R387X002	3/4"E x G 3/4"F	5	50

Straight valve for radiator panels, with
lockshields, for floor-deriving pipes, nickel
plated brass. Piping connection with Base 18or
3/4"E adaptors.

R388

PRODUCT CODE	SIZE	⬚	⊞
R388X001	B.18 x G 3/4"F	5	50
R388X012	3/4"E x G 1/2"M	5	50
R388X002	3/4"E x G 3/4"F	5	50

Straight valve for radiator panels, with
lockshields, for wall-deriving pipes, nickel plated
brass. Piping connection with Base 18 or 3/4"E
adaptors.

R383

PRODUCT CODE	SIZE	⬚	⊞
R383X011	B.18 x G 1/2"M	4	20
R383X001	B.18 x G 3/4"F	4	20
R383X002	3/4"E x G 3/4"F	4	20

Straight valve for radiator panels, with
lockshields and possibility to drain water, for
floor-deriving pipes, nickel plated brass.
Piping connection with Base 18 or 3/4"E
adaptors.

R384

PRODUCT CODE	SIZE	⬚	⊞
R384X011	B.18 x G 1/2"M	5	25
R384X001	B.18 x G 3/4"F	5	25
R384X002	3/4"E x G 3/4"F	5	25

Angle valve for radiator panels, with lockshields
and possibility to drain water, for wall-deriving
pipes, nickel plated brass.
Piping connection with Base 18 or 3/4"E
adaptors.

R483

PRODUCT CODE	SIZE	⬚	⊞
R483Y001	3/4"E x Flat Seat	50	1.000
R483Y002	G 1/2"M x G 3/4"M	50	500
R483Y023	G 1/2"M x 3/4"E	50	200
R483Y011	3/4"E x Flat Seat	50	1.000

Self-sealing adaptors for R383, R384, R387,
R387L, R388, R388L valves.

ⓘ **INFO**

R483Y001, R483Y023: for R383, R384, R387, R388.
R483Y011, R483Y002: for R387L, R388L.

R483Y011

⟩ Valves for twin-pipe system

R440N

PRODUCT CODE	SIZE	▢	⊞
R440NX032	1/2" x B.16 /Ø 12, 450 mm	5	50

Compact micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. Supplied with R171P plastic probe, Ø12 mm, length 450 mm.
Center distance: 35 mm.
Piping connection with Base 16 adaptors.

R356B1

PRODUCT CODE	SIZE	▢	⊞
R356BX062	1/2" x B.18 /For Ø12 probe	1	50

Straight micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the floor.
To be completed with R171FY002 probes (Ø12 mm). Center distance: 50 mm.
Piping connection with Base 18 adaptors.

R357B1

PRODUCT CODE	SIZE	▢	⊞
R357BX062	1/2" x B.18 /For Ø12 probe	1	25

Angle micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the wall with handwheel on the right. To be completed with R171FY002 probes (Ø12 mm).
Center distance: 50 mm.
Piping connection with Base 18 adaptors.

R358B1

PRODUCT CODE	SIZE	▢	⊞
R358BX062	1/2" x B.18 /For Ø12 probe	1	25

Angle micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the wall with handwheel on the left. To be completed with R171FY002 probes (Ø12 mm).
Center distance: 50 mm.
Piping connection with Base 18 adaptors.

R438

PRODUCT CODE	SIZE	▢	⊞
R438X035	1/2" x B.16 /For Ø15 pipe	1	25
R438X036	1/2" x B.18 /For Ø15 pipe	1	25
R438X062	1/2" x B.16 /For Ø16 pipe	1	25
R438X063	1/2" x B.18 /For Ø16 pipe	1	25

Angle valve and lockshield group with thermostatic option and connections from the floor, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems.
To be completed with R194 chrome plated connection pipe, Ø15 or Ø16 mm.
Center distance Base 16: 35 mm.
Center distance Base 18: 50 mm.
Piping connection with Base 16 or Base 18 adaptors.

R438-1

PRODUCT CODE	SIZE	▢	⊞
R438IX043	1/2" x B.16 /For Ø16 pipe	1	25
R438IX044	1/2" x B.18 /For Ø16 pipe	1	25

Straight valve and lockshield group with thermostatic option and connections from the floor, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems.
To be completed with R194 chrome plated connection pipe, Ø16 mm.
Center distance Base 16: 35 mm.
Center distance Base 18: 50 mm.
Piping connection with Base 16 or Base 18 adaptors.

R438MTG

PRODUCT CODE	SIZE	▢	⊞
R438MX033	1/2" x B.18 /For Ø16 pipe	1	25
R438MX036	1/2" x B.18 /For Ø15 pipe	1	25

Straight valve and lockshield group with thermostatic option and connections from the wall, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems.
To be completed with R194 chrome plated connection pipe, Ø15 or Ø16 mm.
Center distance: 50 mm.
Piping connection with Base 18 adaptors.

◉ Valves for single-pipe system

R437N

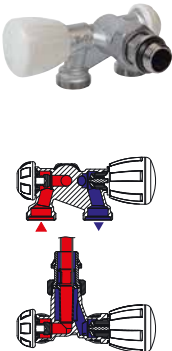| PRODUCT CODE	SIZE	⬚	⊞
R437NX031	1/2" x B.16 /Ø 12, 450 mm	5	50

Compact micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied with R171P plastic probe, Ø 12 mm, length 450 mm.
Center distance: 35 mm.
Piping connection with Base 16 adaptors.

R437

PRODUCT CODE	SIZE	⬚	⊞
R437X032	1/2" x B.18 /Ø 12, 450 mm	5	50

Micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied with R171P plastic probe, Ø12 mm, length 450 mm.
Center distance: 50 mm.
Piping connection with Base 18 adaptors.

R356M1

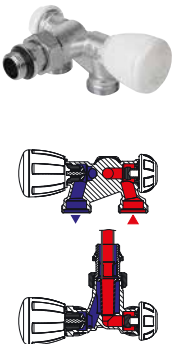| PRODUCT CODE	SIZE	⬚	⊞
R356MX061	1/2" x B.16 /For Ø12 probe	1	50
R356MX062	1/2" x B.18 /For Ø12 probe	1	50

Straight micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the floor. To be completed with R171FY002 probes (Ø12 mm).
Center distance Base 16: 35 mm.
Center distance Base 18: 50 mm.
Piping connection with Base 16 or Base 18 adaptors.

R357M1

PRODUCT CODE	SIZE	⬚	⊞
R357MX061	1/2" x B.16 /For Ø12 probe	1	25
R357MX062	1/2" x B.18 /For Ø12 probe	1	25

Angle micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the wall with handwheel on the right.
To be completed with R171FY002 probes (Ø12 mm).
Center distance: 50 mm.
Piping connection with Base 18 adaptors.

R358M1

PRODUCT CODE	SIZE	⬚	⊞
R358MX061	1/2" x B.16 /For Ø12 probe	1	25
R358MX062	1/2" x B.18 /For Ø12 probe	1	25

Angle micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems.
Supplied without injection probe.
Radiator connection from below and connection to the system pipes from the wall with handwheel on the left. To be completed with R171FY002 probes (Ø12 mm).
Center distance: 50 mm.
Piping connection with Base 18 adaptors.

R436

PRODUCT CODE	SIZE	⬚	⊞
R436X035	1/2" x B.16 /For Ø15 pipe	1	25
R436X036	1/2" x B.18 /For Ø15 pipe	1	25
R436X062	1/2" x B.16 /For Ø16 pipe	1	25
R436X063	1/2" x B.18 /For Ø16 pipe	1	25

Angle valve and lockshield group with thermostatic option and connections from the floor, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems.
To be completed with R194 chrome plated connection pipe, Ø15 or Ø16 mm.
Center distance Base 16: 35 mm.
Center distance Base 18: 50 mm.
Piping connection with Base 16 or Base 18 adaptors.

R436-1

PRODUCT CODE	SIZE	⬚	⊞
R436IX043	1/2" x B.16 /For Ø16 pipe	1	25
R436IX044	1/2" x B.18 /For Ø16 pipe	1	25

Straight valve and lockshield group with thermostatic option and connections from the floor, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems.
To be completed with R194 chrome plated connection pipe, Ø16 mm.
Center distance Base 16: 35 mm.
Center distance Base 18: 50 mm.
Piping connection with Base 16 or Base 18 adaptors.

R314N

PRODUCT CODE	SIZE		
R314NX002	1/2" x B.16 /Ø12, 450 mm	5	20

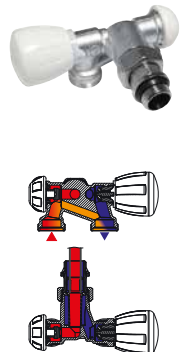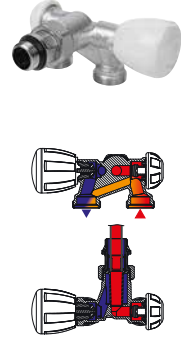Manual valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems.
Supplied with R171P plastic probe, Ø12 mm, length 450 mm.
Center distance: 35 mm.
Piping connection with Base 16adaptors.

R314DN

PRODUCT CODE	SIZE		
R314DX033	1/2" x B.16 /For Ø15 pipe	1	10

Manual valve and lockshield group, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors.
For single-pipe systems.
To be completed with chrome plated connection pipe, Ø15 mm.
Center distance: 35 mm.
Piping connection with Base 16 adaptors.

R436M-1

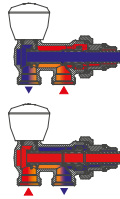| PRODUCT CODE	SIZE		
R436MX033	1/2" x B.18 /For Ø16 pipe	1	25
R436MX036	1/2" x B.18 /For Ø15 pipe	1	25

Straight valve and lockshield group with thermostatic option and connections from the wall, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors.
For single-pipe systems.
To be completed with R194 chrome plated connection pipe, Ø15 or Ø16 mm.
Center distance: 50 mm.
Piping connection with Base 18 adaptors.

R436M

PRODUCT CODE	SIZE		
R436MX037	1/2" x B.18 /For Ø16 pipe	1	25

Angle valve and lockshield group with thermostatic option and connections from the wall, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors.
For single-pipe systems.
To be completed with R194 chrome plated connection pipe, Ø16 mm.
Center distance: 50 mm.
Piping connection with Base 18 adaptors.
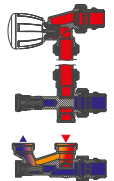
⦿ Probes

R171C

PRODUCT CODE	SIZE		
R171CY001	Ø11 - 450 mm	1	-
R171CY002	Ø12 - 450 mm	1	-
R171CY003	Ø14 - 450 mm	1	-

Copper probe for single-pipe and twin-pipe valves.

R171F

PRODUCT CODE	SIZE		
R171FY002	Ø12 - 450 mm	1	-
R171FY012	Ø12 - 200 mm	1	-

Threaded copper probe for single-pipe and twin-pipe valves.

R171P

PRODUCT CODE	SIZE		
R171PY001	Ø11 - 450 mm	1	-
R171PY002	Ø12 - 450 mm	1	-
R171PY003	Ø14 - 450 mm	1	-

Plastic probe for single-pipe and twin-pipe valves.

R194

PRODUCT CODE	SIZE		
R194X002	Ø16 - 600 mm	1	-
R194X003	Ø16 - 900 mm	1	-
R194X004	Ø16 - 1000 mm	1	-
R194X006	Ø16 - 1200 mm	1	-

Chrome plated pipe for the connection of single-pipe/twin-pipe valves with lockshields.

❯ Polish chrome plated valves

T25C

PRODUCT CODE	SIZE	▱	⊞
T25CX003	1/2" x 16	1	20

Manual angle valve for toweldryer,
polish chrome plated, adaptor connection
and self-sealing tail pieces. Piping connection
with Base 16 adaptors for toweldryer.

T27C

PRODUCT CODE	SIZE	▱	⊞
T27CX003	1/2" x 16	1	20

Manual straight valve for toweldryer,
polish chrome plated, adaptor connection
and self-sealing tail pieces. Piping connection
with Base 16 adaptors for toweldryer.

T431C

PRODUCT CODE	SIZE	▱	⊞
T431CX003	1/2" x 16	1	20

Micrometric angle valve for toweldryer,
with thermostatic option, polish chrome plated,
adaptor connection and self-sealing tail pieces.
Piping connection with Base 16 adaptors
for toweldryer.

T432C

PRODUCT CODE	SIZE	▱	⊞
T432CX003	1/2" x 16	1	20

Micrometric straight valve for toweldryer,
with thermostatic option, polish chrome plated,
adaptor connection and self-sealing tailpieces.
Piping connection with Base 16 adaptors for
toweldryer.

T29C

PRODUCT CODE	SIZE	▱	⊞
T29CX003	1/2" x 16	1	20

Angle lockshield for toweldryer, polish chrome
plated, adaptor connection and self-sealing tail
pieces. Piping connection with Base16 adaptors
for toweldryer.

T31C

PRODUCT CODE	SIZE	▱	⊞
T31CX003	1/2" x 16	1	20

Straight lockshield for toweldryer, polish chrome
plated, adaptor connection and self-sealing tail
pieces. Piping connection with Base 16 adaptors
for toweldryer.

T470C

PRODUCT CODE	SIZE	▱	⊞
T470CX001	-	1	50

Thermostatic head with liquid probe, for
toweldryer, polish chrome plated.
Clip Clap quick connection system for
installation on all the "TG, D, F series" valves with
thermostatic option. Adjustment positions from
* to ☼, corresponding to a temperature range
of 8÷30 °C.
Temperature range in combination with the
valve bodies: 5÷110 °C.
Max. working pressure in combination with the
valve bodies: 10 bar.

T439L

PRODUCT CODE	SIZE	▱	⊞
T439LX023	1/2" x 16 - left valve	1	10
T439LX033	1/2" x 16 - right valve	1	10

Kit for toweldryer composed by double angle
micrometric valve with thermostatic option and
double angle lockshields. Adaptor connection.
Available with right valve and left lockshield,
or with left valve and right lockshield.
Piping connection with Base 16 adaptors for
toweldryer.

T386T

PRODUCT CODE	SIZE	▱	⊞
T386TX013	3/4"F x 3/4"Eurocone	1	25

Twin-pipe angle valve with thermostatic option
for radiator panels, polish chrome plated brass.
Flat seat connections with gaskets,
equipped with self-sealing adaptors.
Piping connection with 3/4"E adaptors for
toweldryer.

T357M

PRODUCT CODE	SIZE	▱	⊞
T357MX011	1/2" x 16 - right	1	25

Angle micrometric valve with thermostatic
option for toweldryer, polish chrome plated
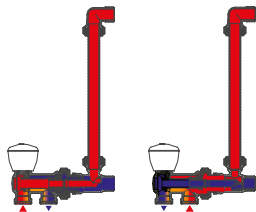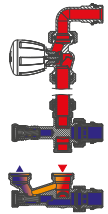brass, with connection for copper,
plastic or multilayer pipe adaptors.
For single-pipe systems.
Supplied without injection probe.
Radiator connection from below and connection
to the system pipes from the wall with
handwheel on the right.
To complete with R171CY002, R171PY002
probes (Ø12 mm).
Center distance: 35 mm.
Piping connection with Base 16 adaptors.

T358M

PRODUCT CODE	SIZE		
T358MX011	1/2" x 16 - left	1	25

Angle micrometric valve with thermostatic
option for toweldryer, polish chrome plated
brass, with connection for copper, plastic
or multilayer pipe adaptors. For single-pipe
systems. Supplied without injection probe.
Radiator connection from below
and connection to the system pipes from
the wall with handwheel on the left.
To be completed with R171CY002, R171PY002
probes (Ø12 mm).
Center distance: 35 mm.
Piping connection with Base 16 adaptors.

T357B

PRODUCT CODE	SIZE		
T357BX021	1/2" x 16 - right	1	25

Angle micrometric valve with thermostatic
option for toweldryer, polish chrome plated
brass, with connection for copper, plastic or
multilayer pipe adaptors. For twin-pipe systems.
Supplied without injection probe.
Radiator connection from below and connection
to the system pipes from the wall with
handwheel on the right.
To be completed with R171CY002, R171PY002
probes (Ø12 mm).
Center distance: 35 mm.
Piping connection with Base 16 adaptors.

T358B

PRODUCT CODE	SIZE		
T358BX021	1/2" x 16 - left	1	25

Angle micrometric valve with thermostatic
option for toweldryer, polish chrome plated
brass, with connection for copper, plastic or
multilayer pipe adaptors. For twin-pipe systems.
Supplied without injection probe.
Radiator connection from below and connection
to the system pipes from the wall with
handwheel on the left.
To be completed with R171CY002, R171PY002
probes (Ø12 mm).
Center distance: 35 mm.
Piping connection with Base 16 adaptors.

T178C

PRODUCT CODE	SIZE		
T178CX012	16 x Ø10	1	30
T178CX013	16 x Ø12	1	30
T178CX015	16 x Ø14	1	15
T178CX016	16 x Ø15	1	15
T178CX018	16 x Ø16	1	15

Copper pipe adaptor, polish chrome plated
for toweldryer. For plumbing systems.

T179M

PRODUCT CODE	SIZE		
T179EX024	3/4"E x (16 x 2)	1	10
T179MX005	16 x (14 x 2)	1	10
T179MX009	16 x (16 x 2)	1	10
T179MX010	16 x (16 x 2,2)	1	10

Multilayer and plastic pipe adaptor,
polish chrome plated for toweldryer.
For plumbing systems.

T175D-1

PRODUCT CODE	SIZE		
T175DX011	1/2" x 16	1	25

Polish chrome plated front cover
for micrometric valves with thermostatic option
and T439L double angle lockshield kit.

T177

PRODUCT CODE	SIZE		
T177X010	1/2" x 16	1	25

Straight fitting, polish chrome plated brass,
female thread and Base adaptor connections.

T175D

PRODUCT CODE	SIZE		
T175DX001	Ø12÷18 mm	1	25

Front cover for copper pipe Ø12÷18 mm,
polish chrome plated.

T15TG

PRODUCT CODE	SIZE		
T15TGX004	1/2"	1	25

Polish chrome plated brass tail piece,
with self-sealing for toweldryer valves
and lockshields.

◆ Accessories for radiator system

R200

PRODUCT CODE	SIZE	⬚	⊞
R200X001	1" - right	10	100
R200X002	1" - left	10	100
R200X003	1 1/4" - right	5	50
R200X004	1 1/4" - left	5	50

Automatic air vent valve for radiators, chrome plated brass, with self-sealing.

R66A

PRODUCT CODE	SIZE	⬚	⊞
R66AX000	1/8"	50	1.000
R66AX001	1/4"	50	1.000
R66AX002	3/8"	50	500
R66AX003	1/2"	25	250

Manual air vent valve for radiators, complete with handwheel and gasket, chrome plated brass, with self-sealing.

R90

PRODUCT CODE	SIZE	⬚	⊞
R90X001	1/4"	100	1.000
R90X002	3/8"	250	500
R90X003	1/2"	200	400

Plug for radiators with manual air vent valve, nickel plated brass, with self-sealing.
Opening with R74 square key.

R91

PRODUCT CODE	SIZE	⬚	⊞
R91X003	1/2"	250	500

Radiator plug with manual air vent valve, chrome plated brass finishing.

ⓘ **INFO**
Use the R74 key to open the valve.

R92

BRASS FINISH

PRODUCT CODE	SIZE	⬚	⊞
R92Y001	1/4" *	150	-
R92Y002	3/8"	100	-
R92Y003	1/2"	250	-

CHROME PLATED

PRODUCT CODE	SIZE	⬚	⊞
R92X001	1/4" *	150	-
R92X002	3/8"	100	-
R92X003	1/2"	250	-

Radiator plug with self-sealing.

ⓘ **INFO**
* Without self-sealing.

R74

PRODUCT CODE	SIZE	⬚	⊞
R74Y001	-	1	150

Square key for R90, R91 adjustment.

R700

PRODUCT CODE	SIZE	⬚	⊞
R700Y001	-	-	-

Draining device for R714 and R715 lockshields, brass finish.

R573D

PRODUCT CODE	SIZE	⬚	⊞
R573DY003	1/2" x 18	5	50
R573DY002	1/2" x 16	5	50

Domestic water wall outlet, to be embedded just beneath the wall, with connection for copper, plastic or multilayer pipe.
Plastic protection for the fitting.
Piping connection with Base 16 or Base 18 adaptors.

R542

PRODUCT CODE	SIZE	⬚	⊞
R542Y001	16 x 16	10	40
R542Y002	18 x 18	10	40

Angle fitting for domestic systems, with front cover, for the connection of valves and lockshields. Equipped with chrome plated pipe, 200 mm length.
Piping connection with Base 16 or Base 18 adaptors.

R543

PRODUCT CODE	SIZE	⬚	⊞
R543Y002	16 x 16	1	10
R543Y003	18 x 18	1	10

Double angle fitting for domestic systems, with front cover, for the connection of valves and lockshields. Equipped with chrome plated pipe, 200 mm length.
Piping connection with Base 16 or Base 18 adaptors.

R541N

PRODUCT CODE	SIZE	⬚	⊞
R541NX001	1/2" x 16	10	100

Chrome plated cooper pipe with self-sealing connection, 120 mm length.

R173

PRODUCT CODE	SIZE	◰	⊞
R173X002	3/8"	50	500
R173X003	1/2"	25	250
R173X004	3/4"	20	200
R173X005	1"	10	100
R173X006	1 1/4"	5	50
R173X007	1/2" reduced 3/8" *	25	250

* Tail piece without self-sealing

Adjustable tail piece, chrome plated brass.

ⓘ **INFO**

R173X007: suitable for valve and lockshield 3/8" x 16.

R173TG

PRODUCT CODE	SIZE	◰	⊞
R173X032	3/8"	25	250
R173X033	1/2"	15	150
R173X037	1/2" reduced 3/8"	20	200

Adjustable tail piece with self-sealing, chrome plated brass.

ⓘ **INFO**

R173X037: suitable for valve and lockshield 3/8" x 16.

R173P

PRODUCT CODE	SIZE	◰	⊞
R173PX003	1/2"	25	250
R173PX004	3/4"	20	200

Adjustable tail piece with flat seat connection, chrome plated brass.

R176P

BRASS FINISH

PRODUCT CODE	SIZE	◰	⊞
R176PY008	3/4"F x 3/4"F	5	30

CHROME PLATED

PRODUCT CODE	SIZE	◰	⊞
R176PX003	16 x 16	25	250
R176PX004	18 x 18	25	250
R176PX007	3/4"E x 3/4"E	25	250

Fitting with nut.

R544

PRODUCT CODE	SIZE	◰	⊞
R544Y002	1/2" x 16	5	30
R544Y003	1/2" x 18	5	30

Domestic water wall outlet, to be embedded just beneath the wall, with double connection for copper, plastic or multilayer pipe. Plastic protection for the fitting. Piping connection with Base 16 or Base 18 adaptors.

R577D

PRODUCT CODE	SIZE	◰	⊞
R577DY001	1/2"	10	100

Plastic cap for installation and pressure test of R573D, R573D-1 domestic water wall outlets.

R542N

PRODUCT CODE	SIZE	◰	⊞
R542NY001	16 x 16	10	40

Angle fitting for domestic systems, with front cover, for the connection of valves and lockshields. Equipped with chrome plated pipe, 200 mm length. Piping connection with Base 16 adaptors.

R175A

PRODUCT CODE	SIZE	◰	⊞
R175AY001	Ø12÷18 mm	1	25

Plastic front cover, for pipe Ø12÷18 mm.

R175B

PRODUCT CODE	SIZE	◰	⊞
R175BY001	Ø12÷18 mm	1	20

Plastic front cover for Base 16 single-pipe and twin-pipe valves. Center distance 35 mm. For pipe Ø12÷18 mm.

R175C

PRODUCT CODE	SIZE	◰	⊞
R175CY001	Ø12÷18 mm	1	20

Plastic front cover for Base 18 single-pipe and twin-pipe valves. Center distance 50 mm. For pipe Ø12÷18 mm.

R453H

PRODUCT CODE	SIZE	◰	⊞
R453HY013	M30 x 1,5 mm	50	250

Adaptor for thermostatic heads to switch from Giacomini Clip Clap to M30 x 1,5 mm connection.

ⓘ **INFO**

Suitable also for installation on DB series valves.

R455C

PRODUCT CODE	SIZE	⬚	⊞
R455CY001	-	1	100

Protection for R470 thermostatic heads
with clamping ring.
Equipped with R454D security screw.
For the installation use the R73CY004 key.

R455C-1

PRODUCT CODE	SIZE	⬚	⊞
R455CY101	-	1	-

Protection for R470H thermostatic heads.

R455D

PRODUCT CODE	SIZE	⬚	⊞
R455DY001	-	1	-

Protection for R460 thermostatic heads
with clamping ring.
Equipped with R454D security screw.
For the installation use the R73CY004 key.

R455D-1

PRODUCT CODE	SIZE	⬚	⊞
R455DY101	-	1	-

Protection for R460H thermostatic heads.

R454D

PRODUCT CODE	SIZE	⬚	⊞
R454DY001	-	1	-

Anti-tamper screw with bolt, for R455C, R455D.

R454

PRODUCT CODE	SIZE	⬚	⊞
R454Y001	Ring for R462, R462L, R463	1	-
R454Y002	Ring for R460, R468, R470	1	-
R454Y003	Anti-tamper ring R460,R468,R470	1	-

Ring for thermostatic heads.

R73C

PRODUCT CODE	SIZE	⬚	⊞
R73CY004	4 mm	1	-
R73CY014	For R454Y003	1	-

Special wrench for the installation of R455C,
R455D and R454Y003.

R400

PRODUCT CODE	SIZE	⬚	⊞
R400Y001	-	1	25

Valve (key) for the bonnet replacement
without emptying the system.
Suitable for P12AX004, P12AX006 and P12AX011
bonnets. M30 x 1,5mm ring nut included.

⊙ VIDEO
R400

R453

PRODUCT CODE	SIZE	⬚	⊞
R453Y001	-	1	100

Ring nut for thermo-electric actuators
with M30 x 1,5 mm connections
on Clip-Clap connections.
Spare part ring nut for R400 valve (key).

R79B

PRODUCT CODE	SIZE	⬚	⊞
R79BY001	3/8"÷1 1/4"	1	25

Key for tail pieces from 3/8" to 1-1/4".

P56T

PRODUCT CODE	SIZE	⬚	⊞
P56TY001	-	1	100

Key for the bonnet replacement of T439L kit.

ⓘ **INFO**

Suitable for P12AX004, P12AX011 bonnets.

K375

PRODUCT CODE	SIZE	⬚	⊞
K375Y021	1 l	1	9

PROTECT-UNIVERSAL is a special and fully-
organic rust and scale inhibitor, suitable for high
and low temperature systems, radiant panels
and combined hot/cold circuits. It prevents
precipitation of calcium carbonate and is an
excellent dispersing agent with low-solubility
salts such as sulphates, calcium oxalates and
magnesium hydroxide.

⊙ Spare parts for radiator system

P12A

PRODUCT CODE	SIZE	⬓	⊞
P12AX011	3/8" - 1/2" - 3/4"	1	-
P12AX003	1"	1	-
P12AX004	1/2"	1	-
P12AX006	3/8" - 1/2" - 3/4"	1	-

Bonnet for thermostatic valves.

ⓘ **INFO**

P12AX011: for R553V manifold and 3/8", 1/2", 3/4" valves.
P12AX003: for R401, R402, R421, R422 valves, 1" size.
P12AX004: for R356,R357, R358, R304T, R437, R437N, R440N valves.
P12AX006: spare part kit (bonnet, numbered ring, setting key, instruction) for PTG valves.

R450TG

PRODUCT CODE	SIZE	⬓	⊞
R450X012	-	1	-
R450X016	-	1	-

Micrometric handwheel for valves with thermostatic option.

T450C

PRODUCT CODE	SIZE	⬓	⊞
T450CX012	3/8" - 1/2"	10	100

Polish chrome plated handwheel for toweldryer valves with thermostatic option.

P22B-1

PRODUCT CODE	SIZE	⬓	⊞
P22BY007	3/8" - 1/2"	1	-
P22BY008	3/4" - 1"	1	-
P22BY009	1 1/4"	1	-

Handwheel for manual valves.

T22C

PRODUCT CODE	SIZE	⬓	⊞
T22CX007	3/8" - 1/2"	1	-

Polish chrome plated handwheel for manual valves.

P26A

PRODUCT CODE	SIZE	⬓	⊞
P26AX004	3/4"	1	-
P26AX005	1"	1	-
P26AX006	1 1/4"	1	-

Chrome plated brass cap for lockshield.

P26PD

PRODUCT CODE	SIZE	⬓	⊞
P26PY012	3/8"	1	50
P26PY013	1/2"	1	50

Plastic cap for lockshields.

ⓘ **INFO**

P26PY012: for 3/8" iron connection.
P26PY013: for 1/2" iron connection and 3/8" x 16, 1/2" x 16 and 1/2" x 18 adaptor connection.

T26C

PRODUCT CODE	SIZE	⬓	⊞
T26CX003	1/2"	1	-

Polish chrome brass cap for lockshield for toweldryer.

P15TG

PRODUCT CODE	SIZE	⬓	⊞
P15TGX002	3/8"	1	-
P15TGX003	1/2" x 3/8"	1	-
P15TGX004	1/2"	1	-
P15TGX043	1/2"	20	200
P15TGX045	1/2"	50	250

Brass chrome plated tail piece with self-sealing for valves and lockshields.

ⓘ **INFO**

P15TGX002: 3/8" x 3/8" tail piece, for versions with 3/8" iron connection.
P15TGX003: 1/2" x 3/8" reduced tail piece, for versions with 3/8" x 16, 1/2" x 16, 1/2" x 18 adaptor connections and 1/2" iron connection.
P15TGX004: 1/2" x 1/2" tail piece, for versions with 1/2" x 16, 1/2" x 18 adaptor connections and 1/2" iron connection.
P15TGX043: for valves R437, R437N, R440N.
P15TGX045: for valves R356B1, R356M1, R357B1, R357M1, R358B1, R358M1.

P15

PRODUCT CODE	SIZE	⬓	⊞
P15Y002	3/8"	1	-
P15Y003	1/2"	1	-
P15Y004	3/4"	1	-
P15Y005	1"	1	-
P15Y006	1 1/4"	1	-

Brass finishing tail piece for valves and lockshields.

P15-2

PRODUCT CODE	SIZE	⬓	⊞
P15X002	3/8"	1	-
P15X003	1/2"	1	-
P15X004	3/4" *	1	-
P15X005	1" *	1	-
P15X006	1 1/4" *	1	-

Chrome plated tail piece for valves and lockshields.

ⓘ **INFO**

* For use with Giacotech valves series.

P18L

CHROME PLATED

PRODUCT CODE	SIZE	▢	⊞
P18LX002	5/8" x 3/8"	1	100
P18LX003	3/4" x 1/2"	1	50
P18LX004	1" x 3/4"	1	50
P18LX005	1 1/4" x 1"	1	25
P18LX006	1 1/2" x 1 1/4"	1	100
P18LX013	R437 - R440	1	100
P18LX023	R356 - R357 - R358	1	100

BRASS FINISHING

PRODUCT CODE	SIZE	▢	⊞
P18LY002	5/8" x 3/8"	1	100
P18LY003	3/4" x 1/2"	1	50
P18LY004	1" x 3/4"	1	50
P18LY005	1 1/4" x 1"	1	25
P18LY006	1 1/2" x 1 1/4"	1	100
P18LY033	3/4" nut for R37 1/2"	1	50
P18LY034	1" nut for R37 3/4"	1	50
P18LY042	5/8" DIN	1	-
P18LY043	3/4" DIN	1	-
P18LY044	1" DIN	1	-

Brass nut, female thread.

T18C

PRODUCT CODE	SIZE	▢	⊞
T18CX003	3/4" x 1/2"	1	-

Brass polish chrome plated nut.

P16-1

PRODUCT CODE	SIZE	▢	⊞
P16Y001	-	1	-

Plastic flow separator for R356B1, R356M1, R357B1, R357M1, R358B1, R358M1 valves.

P16-3

PRODUCT CODE	SIZE	▢	⊞
P16Y003	-	1	-

Plastic flow separator for R437, R437N and R440N valves.

❯ Technical and dimensional data

MANUAL RADIATOR VALVES AND LOCKSHIELDS

DIMENSIONS MM

Fluids: water and glycol-based solutions (max. 30 %)
Temperature range: 5÷110 °C
Max operating pressure: 16 bar

R5TG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R5X032	3/8"x3/8"	66	50	19	22	71	42	27
R5X033	1/2"x1/2"	69	53	21	26	74	42	30
R5X034	3/4"x3/4"	79	60	23	32	84	49	38
R5X035	1"x1"	87	68	30	39	92	49	46
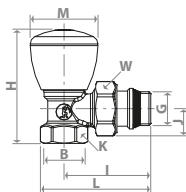
R6TG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R6X032	3/8"x3/8"	70	56	15	22	77	42	27
R6X033	1/2"x1/2"	73	60	17	26	83	42	30
R6X034	3/4"x3/4"	87	55	21	32	81	49	38
R6X035	1"x1"	94	69	26	39	106	49	46
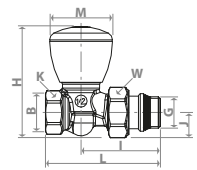
R25TG - T25C

PRODUCT CODE	GxB	H	I	J	L	M	W
R25X032	3/8"x16	69	53	21	74	42	30
R25X033	1/2"x16	69	53	21	74	42	30
T25CX003	1/2"x16	70	55	21	76	42	30
R25X034	1/2"x18	72	54	24	75	42	30
R25X035	3/4"x18	79	60	24	84	49	38
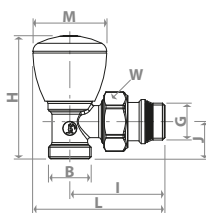
R27TG - T27C

PRODUCT CODE	GxB	H	I	J	L	M	W
R27X032	3/8"x16	74	52	17	75	42	30
R27X033	1/2"x16	74	52	17	76	42	30
T27CX003	1/2"x16	74	54	16	80	42	30
R27X034	1/2"x18	73	52	17	77	42	30
R27X035	3/4"x18	87	55	21	81	49	38
R27X036	3/4" x 22	87	55	21	84	49	38
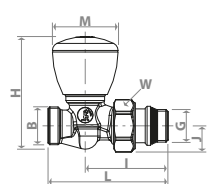
R14TG

PRODUCT CODE	GxB	H	I	J	K	L	Y	W
R14X032	3/8"x3/8"	43	50	19	22	66	-	27
R14X033	1/2"x1/2"	47	53	21	26	70	-	30
R14X034*	3/4"x3/4"	54	60	23	32	79	35	38
R14X035*	1"x1"	72	68	30	39	90	40	46
R14X036*	1 1/4"x1 1/4"	80	80	34	49	108	45	53

* Brass cap
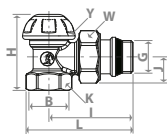
R15TG

PRODUCT CODE	GxB	H	I	J	K	L	Y	W
R15X032	3/8"x3/8"	47	56	15	22	76	-	27
R15X033	1/2"x1/2"	51	60	17	26	83	-	30
R15X034*	3/4"x3/4"	62	55	21	32	81	35	38
R15X035*	1"x1"	78	69	26	39	106	40	46
R15X036*	1 1/4"x1 1/4"	86	78	30	49	119	45	53

* Brass cap
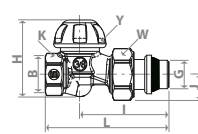
R16TG

PRODUCT CODE	GxB	H	I	J	K	L	Y	W
R16X032	3/8"x3/8"	35	51	18	21	63	19	27
R16X033	1/2"x1/2"	41	54	21	25	68	22	30
R16EX037	1/2"x3/4"E	41	53	21	-	67	22	30
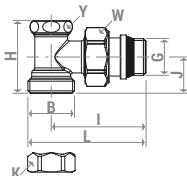
R17TG

PRODUCT CODE	GxB	H	I	J	K	L	Y	W
R17X032	3/8"x3/8"	38	52	15	21	72	19	27
R17X033	1/2"x1/2"	45	52	17	25	75	22	30
R17EX037	1/2"x3/4"E	46	52	17	-	76	22	30
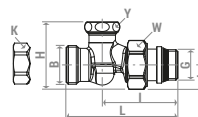
R29TG

PRODUCT CODE	GxB	H	I	J	L	Y	W	W
R29X032	3/8"x16	47	53	21	70	-	30	27
R29X033	1/2"x16	47	53	21	70	-	30	30
R29X034	1/2"x18	50	54	24	71	-	30	38
R29X035*	3/4"x18	54	60	24	79	35	38	46
R29X036*	3/4"x22	61	60	31	79	35	38	53

* Brass cap
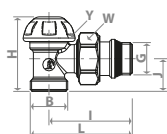
R31TG

PRODUCT CODE	GxB	H	I	J	L	Y	W	W
R31X032	3/8"x16	51	52	17	75	-	30	27
R31X033	1/2"x16	51	52	17	76	-	30	30
R31X034*	1/2"x18	51	52	17	77	-	30	38
R31X035*	3/4"x18	62	54	21	80	35	38	46
R31X036*	3/4"x22	62	54	21	84	35	38	53

* Brass cap
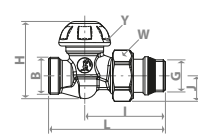
THERMOSTATIC RADIATOR VALVES

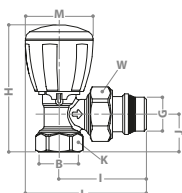Fluids: water and glycol-based solutions (max. 30 %)
Temperature range: 5÷110 °C
Max operating pressure for manual applications: 16 bar
Max operating pressure in association with thermostatic head: 10 bar

R421TG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R421X132	3/8"x3/8"	74	51	20	22	72	42	27
R421X133	1/2"x1/2"	78	53	23	26	74	42	30
R421X034	3/4"x3/4"	79	60	25	32	81	42	38
R421X035	1"x1"	97	72	31	40	94	42	46

R422TG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R422X132	3/8"x3/8"	77	54	15	22	76	42	27
R422X133	1/2"x1/2"	79	55	17	26	82	42	30
R422X034	3/4"x3/4"	83	55	21	32	81	42	38
R422X035	1"x1"	95	64	26	40	105	42	46
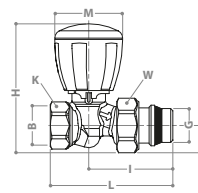
R431TG - T431C

PRODUCT CODE	GxB	H	I	J	L	M	W
R431X032	3/8"x16	75	53	21	74	42	30
R431X033	1/2"x16	75	53	21	74	42	30
T431CX003	1/2"x16	76	55	21	76	42	30
R431X034	1/2"x18	75	53	21	74	42	30
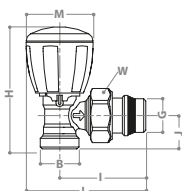
R432TG - T432C

PRODUCT CODE	GxB	H	I	J	L	M	W
R432X032	3/8"x16	79	51	17	74	42	30
R432X033	1/2"x16	79	51	17	75	42	30
T432CX003	1/2"x16	78	54	16	80	42	30
R432X034	1/2"x18	79	51	17	76	42	30
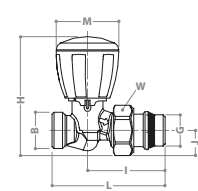
R435TG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R435X053	1/2"x1/2"*	52	52	36	25	121	42	30
R435X062	1/2"x16	53	45	36	-	113	42	30
R435X043	1/2"x18	53	45	37	-	113	42	30

* hexagonal connection for iron pipe
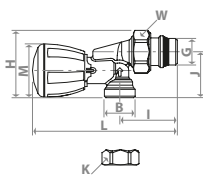
DIMENSIONS WITH INSTALLED THERMOSTATIC HEAD

PRODUCT CODE	R460X001	R470X001	R468X001
H^I-H	53 mm	35 mm	52 mm
L^I-L for R435TG	53 mm	35 mm	52 mm
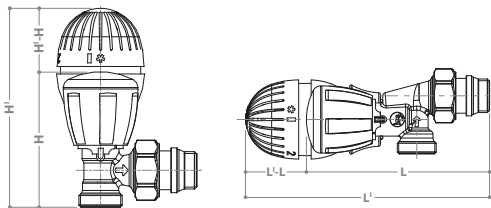
R403TG

PRODUCT CODE	GxB	H	I	I'	J	L	L'	M	W	K
R403X052	3/8"x3/8" sx	43	50	57	27	65	70	23	30	27
R403X062	3/8"x3/8" dx	43	50	57	27	65	70	23	30	27
R403X054	1/2"x1/2" sx	43	50	57	27	65	71	23	30	27
R403X064	1/2"x1/2" dx	43	50	57	27	65	71	23	30	27
R403X024	1/2"x18 sx	41	50	57	24	63	70	23	30	-
R403X034	1/2"x18 dx	41	50	57	24	63	70	23	30	-

NOTE: R403X052, R403X062, R403X054, R403X064, R403PX052,
R403PX062, R403PX054, R403PX064 hexagonal connection for iron pipe

ADAPTOR CONNECTION

IRON PIPE CONNECTION
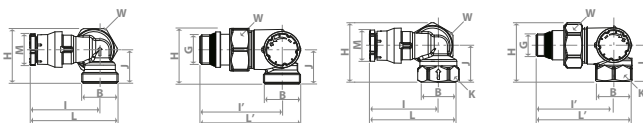
R401TG-R401PTG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R401X132	3/8"x3/8"	56	51	20	22	64	23	27
R401X133	1/2"x1/2"	59	53	23	26	68	23	30
R401X034	3/4"x3/4"	61	60	25	32	78	23	38
R401X035	1"x1"	78	72	31	40	94	23	46
R401PX232	3/8"x3/8"	55	51	20	22	64	23	27
R401PX233	1/2"x1/2"	59	53	23	27	68	23	30
R401PX234	3/4"x3/4"	68	61	25	32	79	23	38
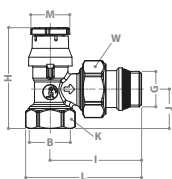
R402TG-R402PTG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R402X132	3/8"x3/8"	59	54	15	22	76	23	27
R402X133	1/2"x1/2"	60	55	17	26	82	23	30
R402X034	3/4"x3/4"	65	55	21	32	81	23	38
R402X035	1"x1"	77	64	26	40	105	23	46
R402PX232	3/8"x3/8"	58	54	15	22	76	23	27
R402PX233	1/2"x1/2"	60	55	17	27	82	23	30
R402PX234	3/4"x3/4"	65	56	21	32	82	23	38
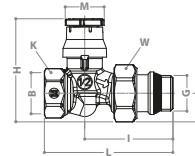
R411TG-R411PTG

PRODUCT CODE	GxB	H	I	J	L	M	W
R411X032	3/8"x16	57	53	21	66	23	30
R411X033	1/2"x16	57	53	21	66	23	30
R411X034	1/2"x18	57	53	21	66	23	30
R411PX232	3/8"x16	57	53	21	66	23	30
R411PX233	1/2"x16	57	53	21	66	23	30
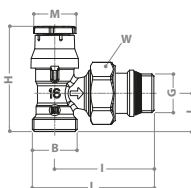
R415TG-R415PTG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R415X033	1/2"x1/2"*	53	53	36	25	106	23	30
R415X042	1/2"x16	53	45	36	-	94	23	30
R415X043	1/2"x18	53	45	37	-	94	23	30
R415PX242	1/2"x16	53	45	36	-	95	23	30

* hexagonal connection for iron pipe
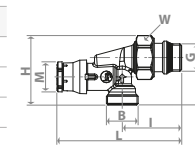
DIMENSIONS WITH INSTALLED THERMOSTATIC HEAD

PRODUCT CODE	R460X001	R470X001	R468X001
H^I-H	71 mm	54 mm	71 mm
L^I-L for R415TG	71 mm	54 mm	71 mm

R412TG-R412PTG

PRODUCT CODE	GxB	H	I	J	L	M	W
R412X032	3/8"x16	60	51	17	74	23	30
R412X033	1/2"x16	60	51	17	75	23	30
R412X034	1/2"x18	60	51	17	76	23	30
R412PX232	3/8"x16	61	51	17	75	23	30
R412PX233	1/2"x16	61	51	17	75	23	30
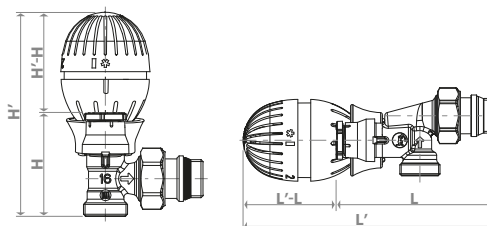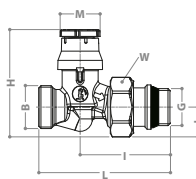
R401H

PRODUCT CODE	GxB	H	I	J	L	M	W	K
R401HX003	1/2"x 1/2"	61	59	27	76	34	30	27
R401HX004	3/4"x 3/4"	65	66	29	85	34	37	32
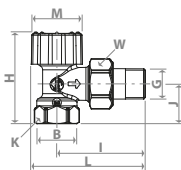
R402H

PRODUCT CODE	GxB	H	I	J	L	M	W	K
R402HX003	1/2"x 1/2"	53	62	17	94	34	30	27
R402HX004	3/4"x 3/4"	62	70	22	108	34	37	32
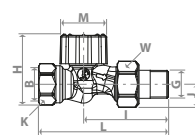
R403H

PRODUCT CODE	GxB	L	I	H	J	M	W	K
R403HX003	1/2"x 1/2" (sx)	76	59	58	19	34	30	27
R403HX004	1/2"x 1/2" (dx)	76	59	58	19	34	30	27
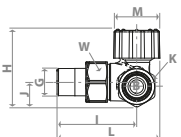
R415H

PRODUCT CODE	GxB	L	I	H	J	M	W	K
R415HX003	1/2"x 1/2"	89	47	53	36	34	30	25
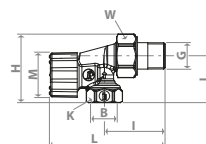
THERMOSTATIC RADIATOR VALVES WITH DYNAMIC BALANCING

Fluids: water and glycol-based solutions (max. 30 %)
Temperature range: 5÷95 °C
Max. working pressure for manual applications: 16 bar
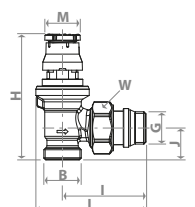Max. working pressure in association with thermostatic heads: 10 bar

R401DB

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R401DBX032	3/8" x 3/8"	79	51	20	22	68	23	27
R401DBX033	1/2" x 1/2"	83	53	23	26	71	23	30
R401DBX004	3/4" x 3/4" *	86	60	25	32	78	23	38

* Tail piece without self-sealing
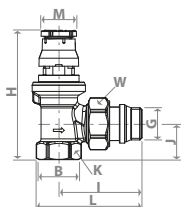
R411DB

PRODUCT CODE	GxB	H	I	J	L	M	W
R411DBX033	1/2" x 16	80	53	21	71	23	30

R402DB

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R402DBX032	3/8" x 3/8"	83	54	16	22	76	23	27
R402DBX033	1/2" x 1/2"	84	53	20	26	82	23	30
R402DBX004	3/4" x 3/4" *	87	56	21	32	81	23	38

* Tail piece without self-sealing
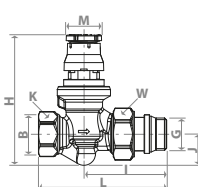
R412DB

PRODUCT CODE	GxB	H	I	J	L	M	W
R412DBX033	1/2" x 16	87	52	23	77	23	30
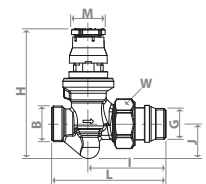
R415DB

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R415DBX033	1/2" x 1/2"	53	53	36	25	129	23	30
R415DBX042	1/2" x 16	53	45	36	-	122	23	30
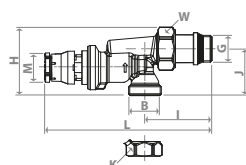
THERMOSTATIC RADIATOR VALVES WITH DYNAMIC BALANCING AND M30 X 1,5 MM CONNECTIONS

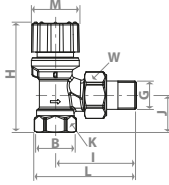Fluids: water and glycol-based solutions (max. 30 %)
Temperature range: 5÷95 °C
Max operating pressure for manual applications: 16 bar
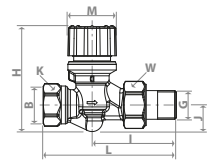Max operating pressure in association with thermostatic head: 10 bar

R401HDB

PRODUCT CODE	GxB	H	I	J	L	M	W	K
R401HDBX102	3/8" x 3/8"	74	52	22	69	34	27	22
R401HDBX103	1/2" x 1/2"	79	58	27	75	34	30	27
R401HDBX104	3/4" x 3/4"	79	66	29	84	34	37	32

R402HDB

PRODUCT CODE	GxB	H	I	J	L	M	W	K
R402HDBX102	3/8" x 3/8"	75	56	19	84	34	27	22
R402HDBX103	1/2" x 1/2"	75	59	19	94	34	30	27
R402HDBX104	3/4" x 3/4"	76	69	21	107	34	37	32

R415HDB

PRODUCT CODE	GxB	H	I	J	L	M	W	K
R415HDBX103	1/2" x 1/2"	45	57	28	130	34	30	27
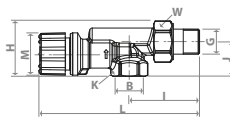
VALVES FOR TWIN-PIPE SYSTEM

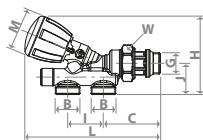Fluids: water and glycol-based solutions (max. 30 %)
Temperature range: 5÷110 °C
Max operating pressure: 10 bar
Percentage of power supply to the radiator in the single-pipe version: 47% with manual handwheel, 33% with thermostatic head
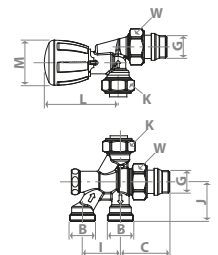
R440N

PRODUCT CODE	GxB	I	H	J	L	C	M	W
R440NX032	1/2"x16	35	77	31	133	56	42	32

R438

PRODUCT CODE	GxB	I	J	L	C	M	W	K
R438X062	1/2"x16	35	36	68	45	42	30	27
R438X063	1/2"x18	50	42	68	38	42	30	27

R438-1

PRODUCT CODE	GxB	I	J	L	C	M	W	K
R438IX043	1/2"x16	35	37	62	45	42	30	30
R438IX044	1/2"x18	50	42	62	38	42	30	30
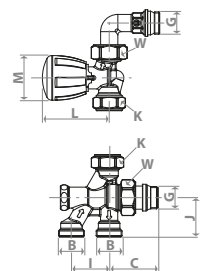
R438MTG

PRODUCT CODE	GxB	I	J	L	C	S	M	W	K
R438MX033	1/2"x18	50	23	62	47	30	42	30	30
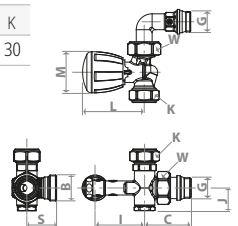
R357B1 - T357B

PRODUCT CODE	GxB	I	J	L	C	D	M	W	Y
R357BX062	1/2" x 18	50	35	122	21	68	42	30	/
T357BX021*	1/2" x 16	35	35	123	30	65	42	30	30
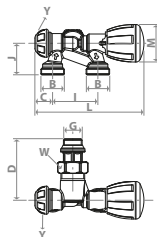
* Brass cap

R358B1 - T358B

PRODUCT CODE	GxB	I	J	L	C	D	M	W	Y
R358BX062	1/2" x 18	50	35	122	21	68	42	30	/
T358BX021*	1/2" x 16	35	35	123	30	65	42	30	30

* Brass cap
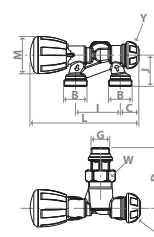
R356B1

PRODUCT CODE	GxB	I	J	J'	L	C	H	M	W
R356BX062	1/2"x18	50	43	35	116	21	103	42	30
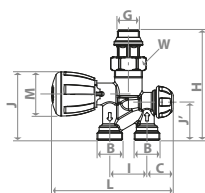
VALVES FOR SINGLE-PIPE SYSTEM

Fluids: water and glycol-based solutions (max. 30 %)
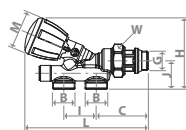Temperature range: 5÷110 °C
Max operating pressure: 10 bar
Percentage of power supply to the radiator in the single-pipe version: 47% with manual handwheel, 33% with thermostatic head
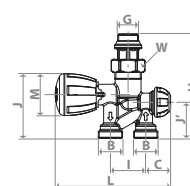
R437N

PRODUCT CODE	GxB	I	H	J	L	C	M	W
R437NX031	1/2"x16	35	77	31	133	56	42	32

R356M1

PRODUCT CODE	GxB	I	J	J'	L	C	H	M	W
R356MX062	1/2" x 18	50	43	35	116	21	103	42	30

R436

PRODUCT CODE	GxB	I	J	L	C	M	K	W
R436X062	1/2"x16	35	37	68	46	42	27	30
R436X063	1/2"x18	50	42	68	38	42	27	30
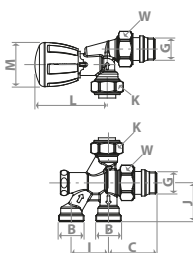
R357M1 - T357M

PRODUCT CODE	GxB	I	J	L	C	D	M	W	Y
R357MX061	1/2"x16	35	33	122	29	68	42	30	/
T357MX011*	1/2"x16	35	35	123	30	65	42	30	30
R357MX062	1/2"x18	50	35	122	21	68	42	30	/
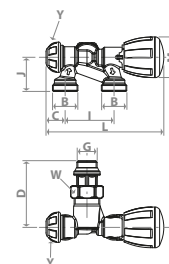
* Brass cap

R436M

PRODUCT CODE	GxB	I	J	L	C	S	M	K	W
R436MX037	1/2"x18	50	23	68	47	30	42	27	30
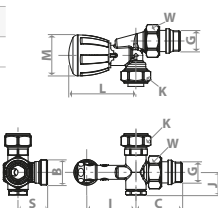
R358M1 - T358M

PRODUCT CODE	GxB	I	J	L	C	D	M	W	Y
R358MX061	1/2"x16	35	33	122	29	68	42	30	/
T358MX011*	1/2"x16	35	35	123	30	65	42	30	30
R358MX062	1/2"x18	50	35	122	21	68	42	30	/

* Brass cap
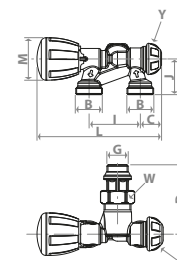
R436-1

PRODUCT CODE	GxB	I	J	L	C	M	K	W
R436IX043	1/2"x16	35	37	62	46	42	27	30
R436IX044	1/2"x18	50	42	62	38	42	27	30
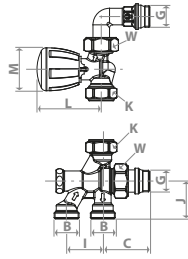
R436M-1

PRODUCT CODE	GxB	I	J	L	C	S	M	K	W
R436MX033	1/2"x18	50	23	62	47	30	42	27	30

Il tubo R194 Ø 16 deve essere acquistato separatamente.
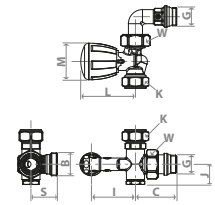
R385T

PRODUCT CODE	GxB	L	E	I	F	J	W
R385TX013	3/4"F x 3/4"E	123	29	50	28	27	30
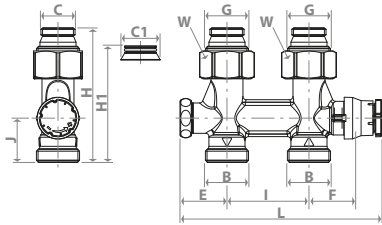
with adaptors	C	C1	H	H1
R483Y001	-	3/4"E	-	70
R483Y002	1/2"M	-	82	-

R386T

PRODUCT CODE	GxB	L	E	I	F	J	W	R	S
R386TX013	3/4"F x 3/4"E	123	29	50	28	14	30	17	27
T386TX013	3/4"F x 3/4"E	123	29	50	28	14	30	17	27
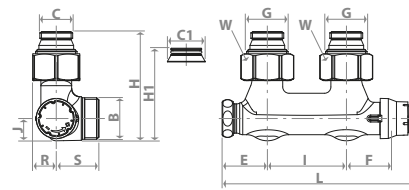
with adaptors	C	C1	H	H1
R483Y001	-	3/4"E	-	57
R483Y002	1/2"M	-	69	-

R387L

PRODUCT CODE	GxB	I	L	H	J	F	W
R387LX001	3/4"F x B. 18	50	82	49	19	22	30
R387LX002	3/4"F x 3/4"E	50	82	49	19	22	30
R387LX011	1/2"M x B .18	50	82	61	19	22	30
R387LX012	1/2"M x 3/4"E	50	82	61	19	22	30
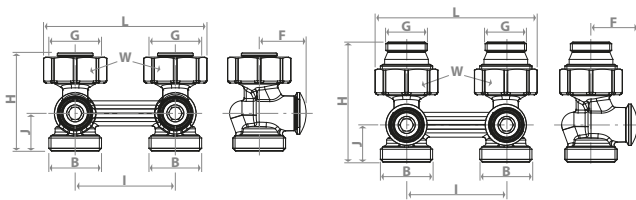
R388L

PRODUCT CODE	GxB	I	L	H	J	F	W
R388LX001	3/4"F x B. 18	50	82	35	18	39	30
R388LX002	3/4"F x 3/4"E	50	82	35	18	39	30
R388LX011	1/2"M x B. 18	50	82	35	18	51	30
R388LX012	1/2"M x 3/4"E	50	82	35	18	51	30
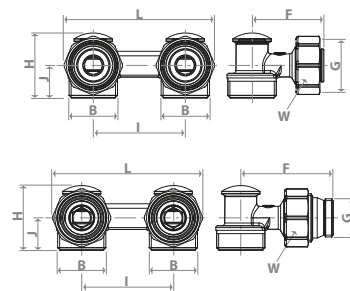
R200

PRODUCT CODE	G	L	M	N	W
R200X001	1" dx	60	50	37	31
R200X002	1" sx	60	50	37	31
R200X003	1-1/4" dx	60	62	35	31
R200X004	1-1/4" sx	60	62	35	31
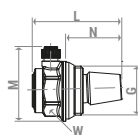
NOTE: temperature range 5÷120 °C
max. working pressure 14 bar
max. discharge pressure 7 bar

RADIANT SYSTEMS

Radiation is the most natural physical principle for transmitting hot and cold and, therefore, more respectful of the health and well-being of the occupant. Our radiant systems are all inspired, by this principle.
And they are all designed and manufactured completely by us.

GIACOMINI
WATER E-MOTION

● Overview of radiant floor systems

KLIMA **RENEW** SYSTEM

IDEAL FOR RENOVATION WORKS AND WHEN REDUCED INSTALLATION THICKNESS IS REQUIRED

The R979S Spider panel is a 3D plastic polymer mesh, printed with high-resistance polypropylene. Its reduced overall tickness and shape make this panel particularly suitable for renovation and energy requalification. The patented geometry of the tridimensional mesh allows to firmly fit the pipe during installation and fully sink it in the screed. This ensures an ideal and even heat distribution combined to reduced thermal inertia. Available in two versions: Standard and Slim.

● Related products

R979S
Thermoformed panel for radiant floor
Info pag. 46

R996T
Giacotherm PEX-b pipe
with anti-oxygen barrier
Info pag. 49

R553FDB
Brass manifold for HVAC systems
with dynamic flow balancing
Info pag. 50

K492T
WI-FI weekly chronothermohumidistat
with touch-screen
Info pag. 56

KLIMA **NEW BUILDING** SYSTEM

IDEAL FOR NEW CONSTRUCTIONS OR INSTALLATIONS WITH NO SPECIFIC THICKNESS REQUIREMENTS

R982Q preformed panels are used in radiant floor systems to improve pipe insulation. Their use is essential to create modern and functional radiant systems as they heat rooms in a very short time with limited powers, therefore also limiting the mass of the radiant structures and reducing heat dispersions downwards. The use of insulation panels reduces the quantity of pipes required and as a consequence the number of radiant circuits, the water flow rates, the diameters of supply pipes, the hydraulic heads of the circulators and the powers involved, leading to immediate energy saving in the name of environment protection.

❯ Related products

R982Q
Thermoformed insulation panel for radiant floor systems
Info pag. 46

R978
PE-RT pipe with anti-oxygen barrier
Info pag. 49

R553F
Preassembled manifold for HVAC systems
Info pag. 50

K494A
Thermostat, surface mounting installation
Info pag. 56

◆ Insulation panels

R979S

PRODUCT CODE	SIZE	⬡	⊞
R979SY101	T50 - h22 self-adhesive	13,44	-
R979SY011	T50 - h22 with pins	7,20	-
R979SY021	T50 - h22 with high-density ins.	8,64	-
R979SY121	T50 - h22 with high-density ins.	8,64	-

self-adhesive   with pins   with high-density ins.

SLIM VERSION

PRODUCT CODE	SIZE	⬡	⊞
R979SY005	T50 - h15 self-adhesive	15,84	-
R979SY025	T50 - h15 with high-density ins.	10,08	-

⏵ **VIDEO**
Spider standard

⏵ **VIDEO**
Spider Slim

Thermoformed panel for radiant floor with thin screed, made of high resistance PPR.
Laying pitch: multiples of 50 mm.
Standard panels: for Ø16÷17 mm pipes.
Slim panels: for Ø12 mm pipes.
Dimension standard panels: 800x600 mm (1200x800 mm for R979SY101 and R979SY121).
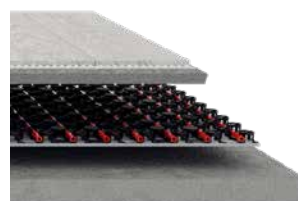Dimension slim panels: 1200x600 mm.
Ideal for renovations.

ⓘ **INFO**

THERMAL RESISTANCE
R979SY021: 0,19 $(m^2K)/W$
R979SY025: 0,19 $(m^2K)/W$
R979SY121: 0,19 $(m^2K)/W$
For the fixing of R979SY101, R979SY005,R979SY021, R979SY121, R979SY025 panels, use the R983Y041 plastic plugs.

R979TG

PRODUCT CODE	SIZE	⬡	⊞
R979TGY003	T50 - h30	11,20	-
R979TGY005	T50 - h50	6,72	-
R979TGY006	T50 - h63	5,60	-

Thermoformed insulation panel for radiant floor systems with optional diagonal pipe laying.
Consisting of expanded polystyrene foam with graphite (EPS150 for R979TGY003, EPS T for R979TGY005 e R979TGY006) with black thermoformed polystyrene protection layer.
Laying pitch: multiples of 50 mm.
Thermal conductivity: 0,032 W/m K.
For Ø16÷17 mm pipes.
Dimensions: 1400x800 mm.

ⓘ **INFO**

THERMAL RESISTANCE
R979TGY003: 0,34 $(m^2K)/W$
R979TGY005: 0,97 $(m^2K)/W$
R979TGY006: 1,38 $(m^2K)/W$

R982Q

PRODUCT CODE	SIZE	⬡	⊞
R982QY043	T50 - h37	20,16	-
R982QY115	T50 - h50	13,44	-

Thermoformed insulation panel for radiant floor systems. Consisting of expanded polystyrene foam (EPS150) with black thermoformed polystyrene protection layer.
Laying pitch: multiples of 50 mm.
Thermal conductivity: 0,034 W/m K.
For Ø16÷17 mm pipes.
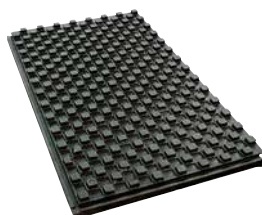Dimensions: 1400x800 mm.

ⓘ **INFO**

THERMAL RESISTANCE
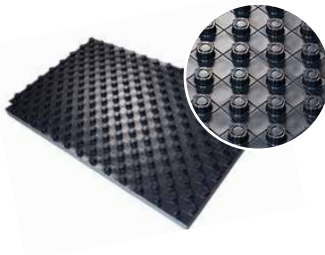R982QY043: 0,44 $(m^2K)/W$
R982QY115: 0,80 $(m^2K)/W$

R979G

PRODUCT CODE	SIZE	⬚	⊞
R979GY003	T50 - h32	13,44	-
R979GY004	T50 - h42 *	8,96	-
R979GY005	T50 - h52	6,72	-
R979GY006	T50 - h62 *	11,20	-
R979GY007	T50 - h75	8,96	-
R979GY098	T50 - h82	6,72	-

* Discontinued product.

ⓘ **INFO**

THERMAL RESISTANCE	R979GY005: 1,00 (m²K)/W
R979GY003: 0,33 (m²K)/W	R979GY006: 1,33 (m²K)/W
R979GY004: 0,67 (m²K)/W	R979GY007: 1,77 (m²K)/W

Thermoformed insulation panel for radiant floor systems. Consisting of expanded polystyrene foam with graphite (EPS200 for R979GY003; EPS150 for R979GY004, R979GY005, R979GY006, R979GY007) with black thermoformed polystyrene protection layer.
Laying pitch: multiples of 50 mm.
Thermal conductivity: 0,03 W/m K.
For Ø16÷17 mm pipes.
Dimensions: 1400x800 mm.

R983S

PRODUCT CODE	SIZE	⬚	⊞
R983Y041	Ø6 x 60 mm	100	1.000

Plugs for pipes fixing.

R983N

PRODUCT CODE	SIZE	⬚	⊞
R983Y040	Ø6 x 25 mm	100	1.000

Plugs for R979S panels with insulation and adhesive.

R984

PRODUCT CODE	SIZE	⬚	⊞
R984Y015	Mesh 50x50 mm	125	-

Steam barrier sheet for radiant panels.

K393

PRODUCT CODE	SIZE	⬚	⊞
K393Y001	50 x 50 mm	2	40

Metallic electro-welded net, zinc plated.

K369A

PRODUCT CODE	SIZE	⬚	⊞
K369AY021	150 x 8 mm	50	100
K369AY022	250 x 8 mm	50	100

Wall edging strip.

K369D

PRODUCT CODE	SIZE	⬚	⊞
K369DY001	150 x 8 mm	50	100

Strip for expansion joint.

R549P

PRODUCT CODE	SIZE	⬚	⊞
R549PY003	Ø16-18	1	50
R549PY004	Ø20	1	50
R549PY007	Ø25	1	50

Bend support.

R872D

PRODUCT CODE	SIZE	⬚	⊞
R872DY001	-	2	100

Track for the expansion joint placement. Length: 2 m.

ⓘ **INFO**

* Price refers to 1 m.

R872U

PRODUCT CODE	SIZE	⬚	⊞
R872UY001	Base 30 mm / Height 120 mm *	1	-

Universal expansion and fractionation joint for radiant screeds.
Reversible application: resting on the adhesive base for easy making of expansion joints; wedged between the notch of the preformed insulation panel for making fractionation joints. Length 2 m.

ⓘ **INFO**

* Price refers to 1 m.

R227-1

PRODUCT CODE	SIZE	⬚	⊞
R227Y003	1/2" x 6 mm	25	250

Probe housing.

● Dry insulation system

**IDEAL FOR RENOVATION WORKS
AND WHEN REDUCED INSTALLATION
THICKNESS IS REQUIRED**

R883-1

PRODUCT CODE	SIZE	⊡	⊞
R883Y101	T150 - h28	11,52	-

Insulating panel in expanded polystyrene.
Joint combined with a thermo conductor profile
constituted by an aluminum foil 0,3 mm thickness.
It allows the passage of the pipes in both directions,
and if needed at 45° (by removing a perform
part of the sheet).
Panel dimension: 1200 x 600 mm.
28 mm thickness with grooves on the four sides
for coupling with the adjacent panels.

ⓘ **INFO**
THERMAL RESISTANCE (EN 1264-3)
R883Y101: 0,29 (m²K)/W

R884

PRODUCT CODE	SIZE	⊡	⊞
R884Y101	h28	5,76	-

Insulating header panels for the passage
of the service pipe lines and the support
f the circuit bending.
Expanded polystyrene plates.
Plate dimensions: 600 x 300 mm.
28 mm thickness with grooves on the four sides
for coupling with the adjacent panels.

ⓘ **INFO**
THERMAL RESISTANCE (EN 1264-3)
R884Y101: 0,29 (m²K)/W

K805P

PRODUCT CODE	SIZE	⊡	⊞
K805PY003	600 x 300 x 1 mm	3,60	-
K805PY004	600 x 600 x 1 mm	3,60	-

Galvanized steel sheet for load distribution in
radiant dry systems.

K805P-1

PRODUCT CODE	SIZE	⊡	⊞
K805PY023	600 x 300 x 1 mm	3,60	-
K805PY024	600 x 600 x 1 mm	3,60	-

Galvanized steel sheet with adhesive side, for
load distribution in radiant dry systems.

⊙ Plastic pipes and components

R996T-5

PRODUCT CODE	SIZE	⊡	⊞
R996TY527	16 x 2	100	-
R996TY519	16 x 2	240	-
R996TY564	16 x 2	600	-
R996TY554	17 x 2	100	-
R996TY533	17 x 2	240	-
R996TY552	17 x 2	600	-
R996TY549	18 x 2	100	-
R996TY520	18 x 2	240	-
R996TY550	18 x 2	500	-
R996TY521	20 x 2	100	-
R996TY522	20 x 2	240	-
R996TY553	20 x 2	400	-

5-layer Giacotherm PEX-b pipe with intermediate anti-oxygen barrier, for heating/cooling systems. Application class: 4, 5 (not suitable for domestic water).

R978

PRODUCT CODE	SIZE	⊡	⊞
R978Y172	12 x 1,5	240	-
R978Y175	12 x 1,5	600	-
R978Y223	16 x 2	100	-
R978Y226	16 x 2	240	-
R978Y227	16 x 2	600	-
R978Y233	17 x 2	100	-
R978Y235	17 x 2	240	-
R978Y237	17 x 2	600	-
R978Y255	20 x 2	240	-
R978Y256	20 x 2	400	-

PE-RT pipe with anti-oxygen barrier, for heating/cooling systems. Application class: 4 (not suitable for domestic water).

R865

PRODUCT CODE	SIZE	⊡	⊞
R865Y001	-	1	-

Universal unroller support for plastic pipes.

R983

PRODUCT CODE	SIZE	⊡	⊞
R983Y001	Lenght 47 mm	100	1.000
R983Y003	Lenght 31 mm	100	1.000
R983Y500	Lenght 44 mm; for R863Y500 gun	300	-

Fixing clip for radiant floor systems pipes.

ⓘ **INFO**

R983Y500: pipe fixing clip for R863Y500 gun.
Max. pipe Ø = 20 mm.

R863

PRODUCT CODE	SIZE	⊡	⊞
R863Y500	For R983Y500	1	-

Clip tacker for R983Y500.

K809

PRODUCT CODE	SIZE	⊡	⊞
K809Y001	50 x 26 mm	1	100
K809Y500	75 x 26 mm	1	100

Fixing clips for dry radiant system.

K389

PRODUCT CODE	SIZE	⊡	⊞
K389Y012	Ø20 - Pitch 50 mm (2 m)	2	32
K389Y013	Ø25 - Pitch 100 mm (2 m)	2	32

Pipe fixing track in bars, for use with radiant floor systems.

K389W

PRODUCT CODE	SIZE	⊡	⊞
K389WY001	Ø12÷22	1	100

Pipe fixing track for pipes with Ø12÷22 mm, in 1 m bars.

K376

PRODUCT CODE	SIZE	⊡	⊞
K376Y001	10 l	1	-

Fluidifying additive for screed.

R179E

PRODUCT CODE	SIZE	⊡	⊞
R179EX021	3/4"E x (12 x 1,5)	25	250
R179EX024	3/4"E x (16 x 2)	25	250
R179EX025	3/4"E x (17 x 2)	25	250
R179EX026	3/4"E x (18 x 2)	25	250
R179EX027	3/4"E x (20 x 2)	25	250

Plastic pipe adaptor, Eurocone connection. For plumbing systems.

⊙ Manifolds and mixing groups

R553FDB

LOW FLOW VERSION

PRODUCT CODE	SIZE	⌷	⊞
R553FDB142	G 1" x 3/4"E /2	1	-
R553FDB143	G 1" x 3/4"E /3	1	-
R553FDB144	G 1" x 3/4"E /4	1	-
R553FDB145	G 1" x 3/4"E /5	1	-
R553FDB146	G 1" x 3/4"E /6	1	-
R553FDB147	G 1" x 3/4"E /7	1	-
R553FDB148	G 1" x 3/4"E /8	1	-
R553FDB149	G 1" x 3/4"E /9	1	-
R553FDB150	G 1" x 3/4"E /10	1	-
R553FDB151	G 1" x 3/4"E /11	1	-
R553FDB152	G 1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

Brass manifold for HVAC systems with dynamic
flow balancing and independent setting f
or each individual circuit.
Outlets connections for copper, plastic
or multilayer pipe adaptors.
Center distance between the outlets 50 mm.
Temperature range 5÷95 °C.
Max. working pressure 10 bar.
Available in the Low Flow (LF) version.
Flow rate setting range for each individual
circuit: 20÷160 l/h (LF).
Working differential pressure range:
20÷60 kPa (LF).
Flow meters: scale 0,4÷2,6 l/min (LF).
The kit includes:
- R553F supply manifold with flow meters and
lockshields for fluid shut-off function;
- R553F return manifold with dynamic flow
balancing valves and manual handwheel,
pre-arranged for thermo-electric command via
R473/R473M actuators;
- R588Z metal brackets;
- R558Y001 key for lockshields shut-off;
- R73PY010 key for presetting.

ⓘ**INFO**

Optional
- R500-1, R500-2: flush-mount metal cabinets,
with adjustable depth.
- R473, R473M: normally closed thermo-electric
actuators equipped with R453Y002 plastic ring nut.
- R178E, R179E: 3/4"E adaptors.
Spare parts
- P12ADBX001: Low Flow bonnet with dynamic balancing
(red internal membrane).
- P78MY002: flow meter with scale 0,4÷2,6 l/min.
- R453Y002: plastic ring nut for thermo-electric actuators
installation.
- R588ZY001: metal bracket with supports.
- R73PY010: setting key for presetting.
Manifolds with dynamic flow balancing are equipped
with a data-tag with the "DB series" identification, the
flow and Δp characteristics.

R553F

EUROCONE CONNECTION

PRODUCT CODE	SIZE	⌷	⊞
R553FZY042	1" x 3/4"E /2	1	-
R553FZY043	1" x 3/4"E /3	1	-
R553FZY044	1" x 3/4"E /4	1	-
R553FZY045	1" x 3/4"E /5	1	-
R553FZY046	1" x 3/4"E /6	1	-
R553FZY047	1" x 3/4"E /7	1	-
R553FZY048	1" x 3/4"E /8	1	-
R553FZY049	1" x 3/4"E /9	1	-
R553FZY050	1" x 3/4"E /10	1	-
R553FZY051	1" x 3/4"E /11	1	-
R553FZY052	1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

Preassembled manifold for HVAC systems.
Composed of:
- 1 supply manifold with lockshields
and flow meters (scale 0,5-5 l/min).
- 1 return manifold with shut-off valves
with manual handwheels.
- Metal brackets.
- Labels to identify circuits.
Optionally is possible to replace the handwheels
with R478, R478M, R473, R473M thermo-electric
actuators.
Outlets with base or Eurocone adaptor
connections.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ**INFO**

Use key R558 (included) or R558N for the balancing
Manifolds with R588Z reduced brackets, to allow
installation within the R500-2cabinets.

R553K

PRODUCT CODE	SIZE	⌷	⊞
R553KY062	1" x 3/4"E /2	1	-
R553KY063	1" x 3/4"E /3	1	-
R553KY064	1" x 3/4"E /4	1	-
R553KY065	1" x 3/4"E /5	1	-
R553KY066	1" x 3/4"E /6	1	-
R553KY067	1" x 3/4"E /7	1	-
R553KY068	1" x 3/4"E /8	1	-
R553KY069	1" x 3/4"E /9	1	-
R553KY070	1" x 3/4"E /10	1	-
R553KY071	1" x 3/4"E /11	1	-
R553KY072	1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

Manifold kit:
R553M + R553V + R588L.
It can be used in combination with R557K,
R557R-1, R559N-1 mixing groups.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

R557

PRODUCT CODE	SIZE	▢	▦
R557Y002	1" x 18 /2	1	-
R557Y003	1" x 18 /3	1	-
R557Y004	1" x 18 /4	1	-
R557Y005	1" x 18 /5	1	-
R557Y006	1" x 18 /6	1	-
R557Y007	1" x 18 /7	1	-
R557Y008	1" x 18 /8	1	-
R557Y009	1" x 18 /9	1	-
R557Y010	1" x 18 /10	1	-
R557Y011	1" x 18 /11	1	-
R557Y012	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Preassembled manifold with thermostatic fixed-point setting for HVAC systems. Mixing obtained through R462L thermostatic head. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.
Outlets with Base adaptor connections.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar
To be ordered separately:
- R401TG or R402TG
valve with thermostatic option
- R14TG or R15TG lockshield
The kit does not include:
- pump and K373 safety thermostat

ⓘ **INFO**

Use key R558 (included) or R558N for the balancing.
Recommended pump center distance: 130 mm.
From 2 to 7 outlets = R557Y051 cabinet.
From 8 to 12 outlets = R557Y052 cabinet.

R557F

PRODUCT CODE	SIZE	▢	▦
R557FY002	1" x 18 /2	1	-
R557FY003	1" x 18 /3	1	-
R557FY004	1" x 18 /4	1	-
R557FY005	1" x 18 /5	1	-
R557FY006	1" x 18 /6	1	-
R557FY007	1" x 18 /7	1	-
R557FY008	1" x 18 /8	1	-
R557FY009	1" x 18 /9	1	-
R557FY010	1" x 18 /10	1	-
R557FY011	1" x 18 /11	1	-
R557FY012	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Preassembled manifold with thermostatic fixed-point setting for HVAC systems. With flow meters (scale 0,5-5 l/min). Mixing obtained through R462L thermostatic head. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.
Outlets with Base adaptor connections.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar
To be ordered separately:
- R401TG or R402TG
valve with thermostatic option
- R14TG or R15TG lockshield
The kit does not include:
- pump and K373 safety thermostat

ⓘ **INFO**

Use key R558 (included) or R558N for the balancing.
Recommended pump center distance: 130 mm.
From 2 to 7 outlets = R557Y051 cabinet.
From 8 to 12 outlets = R557Y052 cabinet.

R559N-1

PRODUCT CODE	SIZE	▢	▦
R559NY043	G 1" /180 mm for circulat.	1	-

Mixing unit for HVAC systems, without pump, for R553K manifolds. Composed of:
- 3-way mixing valve
with M30x1,5 mm connection.
- Primary and secondary lockshields
for flow setting.
- Housing for supply temperature probe.
- Metal spacer to insert the pump,
center distance 180 mm.
- Ball valves for pump installation.
- Manual air vent valves.
- Drain cocks.
- Thermometers.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

The unit can be mounted with:
- Supply and return manifolds
- Pump
- K281X012 actuator for mixing valve
- Components for electronic control
- R553AY002 or R553AY003,
1" high temperature kit

R557R-1

PRODUCT CODE	SIZE	▢	▦
R557RY042	G 1" /Circulator 7 mH2O	1	-
R557RY043	G 1" /180 mm for circulat.	1	-
R557RY045	G 3/4" x G 1" /Circ. 7 mH2O	1	-
R557RY046	G 3/4" x base 18 /Circ. 7 mH2O	1	-

Thermostatic fixed-point electronic controllers for heating systems, R553K manifolds.

ⓘ **INFO**

R557RY042: with pump 25/7.
R557RY043: with metal spacer center distance 180 mm (without pump).
R557RY045: with pump 25/7, to be completed with R553FK062/072 manifolds.
R557RY046: with pump 25/7,
for systems with one circuit only.

R557RY042

R557RY043

R508K

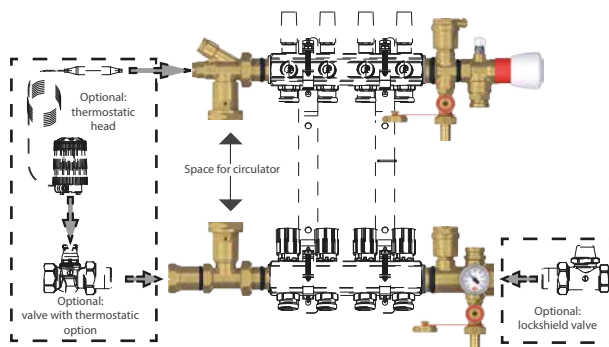| PRODUCT CODE	SIZE	▢	▦
R508KY001	120 x 150 x 75 mm	1	-

Radiant floor kit equipped with:
R508M + R414M + R470X001 + R88IY002.
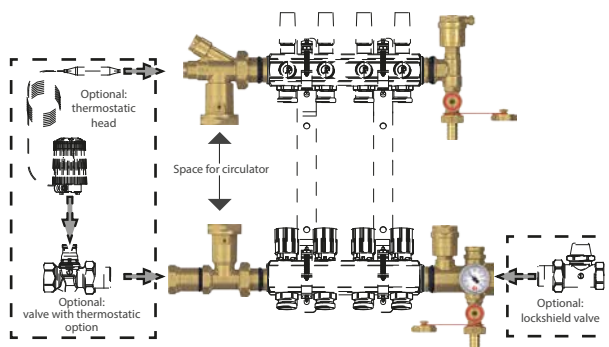
R557K Kits for preassembled manifolds.

PRODUCT CODE	SIZE	▢	⊞
R557KY001	-	1	-

R557KY001: tail pieces and ball valves for circulator connection + automatic air vent valves + drain cocks + thermometer + differential by-pass valve.
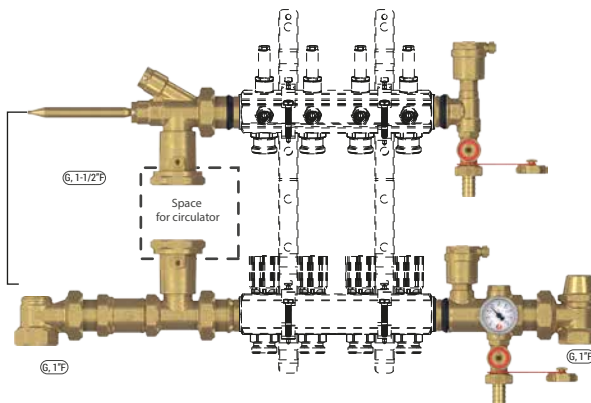

PRODUCT CODE	SIZE	▢	⊞
R557KY002	-	1	-

R557KY002: tail pieces and ball valves for circulator connection + automatic air vent valves + drain cocks + thermometer.

PRODUCT CODE	SIZE	▢	⊞
R557KY003	-	1	-

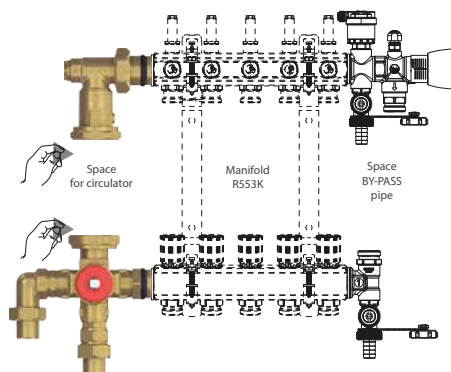R557KY003: tail pieces and ball valves for circulator connection + automatic air vent valves + drain cocks + thermometer + R401TG + R14TG + R462L.

PRODUCT CODE	SIZE	▢	⊞
R557KY005	-	1	-

R557KY005: unit with thermostatic fixed point regulation and end by-pass kit for R553K manifolds.

⟩ Thermo-electric actuators

R473

PRODUCT CODE	SIZE	⧉	⊞
R473X221	230 V	1	25
R473X222	24 V	1	25

Thermo-electric actuator, normally closed. Cable length 1 m. With new high efficiency thermo-electric probe. Can be used to replace the manual handwheels on valves with thermostatic option and/or manifolds.

R473M

PRODUCT CODE	SIZE	⧉	⊞
R473MX221	230 V	1	25
R473MX222	24 V	1	25

Thermo-electric actuator, normally closed, with microswitch. Cable length 1 m. With new high efficiency thermo-electric probe. Can be used to replace the manual handwheels on valves with thermostatic option and/or manifolds.

R473E

PRODUCT CODE	SIZE	⧉	⊞
R473EX001	230 V	1	100

Thermo-electric actuator, normally closed, equipped with adaptor for Giacomini Clip Clap connection. Cable length 1 m. Can be used to replace the manual handwheels on valves with thermostatic option and/or manifolds. TÜV Süd certification.

R473HE

PRODUCT CODE	SIZE	⧉	⊞
R473HEX001	230 V	1	100

Thermo-electric actuator, normally closed, equipped with adaptor for M30 x 1,5 mm connection. Cable length 1 m. Can be used to replace the manual handwheels on valves with thermostatic option and/or manifolds. TÜV Süd certification.

R453F

PRODUCT CODE	SIZE	⧉	⊞
R453FY002	M30 x 1,5 mm	1	-

Ring nut for R478, R478M, R473, R473M thermo-electric actuators on M30 x 1,5 mm connections.

R462L

PRODUCT CODE	SIZE	⧉	⊞
R462LX001	2 m	1	25

Thermostatic head with remote liquid probe. Temperature range: 20÷70°C.

R478

PRODUCT CODE	SIZE	⧉	⊞
R478X221	230 V	1	25
R478X222	24 V	1	25
R478VX221	230 V - with varistor	1	25

Thermo-electric actuator, normally open. Cable length 1,5 m. Can be used to replace the manual handwheels on valves with thermostatic option and/or manifolds.

R478M

PRODUCT CODE	SIZE	⧉	⊞
R478MX221	230 V	1	25
R478MX222	24 V	1	25
R478VX231	230 V - with varistor	1	25

Thermo-electric actuator, normally open, with microswitch. Cable length 1,5 m. Can be used to replace the manual handwheels on valves with thermostatic option and/or manifolds.

R462L1

PRODUCT CODE	SIZE	⧉	⊞
R462LX011	2 m	1	25

Thermostatic head with remote liquid probe. Temperature range: 20÷70°C.

R462L2

PRODUCT CODE	SIZE	⧉	⊞
R462LX021	2 m	1	25

Thermostatic head with remote liquid probe. Temperature range: 20÷70°C.

R465

PRODUCT CODE	SIZE	⧉	⊞
R465Y001	-	10	100

Insert for fixing the R462L probe at the surface of manifolds or pipes.

R453A

PRODUCT CODE	SIZE	⧉	⊞
R453Y002	-	1	50

Ring nut for R478, R478M, R473, R473M thermo-electric actuators on Clip-Clap connections.

R453

PRODUCT CODE	SIZE	⧉	⊞
R453Y001	-	1	100

Ring nut for thermo-electric actuators with M30 x 1,5 mm connections on Clip-Clap connections. Spare part ring nut for R400 valve (key).

⟩ Thermoregulation - Klimabus

KLIMAbus - BUS thermoregulation system

New bus system for control of radiant heating and cooling systems.

Modular system to control both simple heating and cooling mixing groups and more complex residential and commercial systems, with air treatment systems for dehumidification, cold integration, air recirculation and controlled mechanical ventilation.

Possible connection with main control protocols available on the market. KLIMAbus can be used with domotic communication standards, such as Modbus and KNXApplications easy to configure through guided menus for easy installation and commissioning.
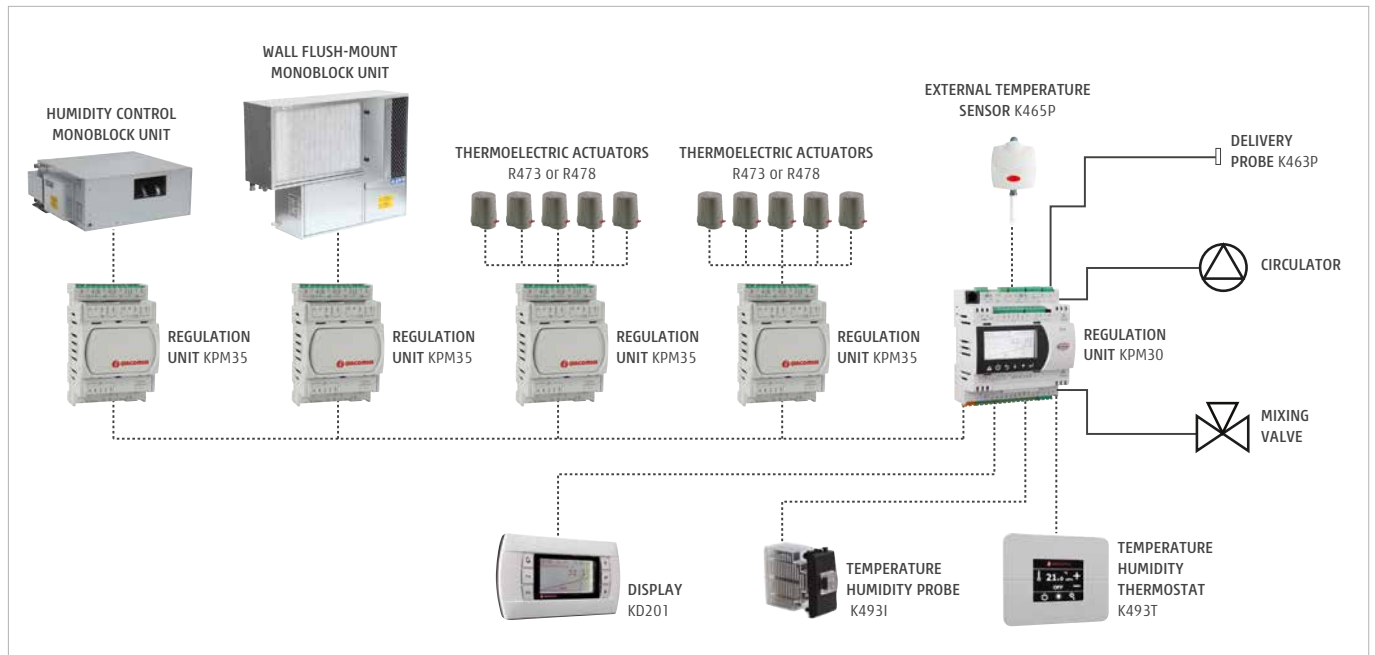
For more details on how to use the system, please contact our Technical Assistance service.

ErP CLASS VII
+3,5%

KPM30

PRODUCT CODE	SIZE	▢	⊞
KPM30Y001	24 V	1	-
KPM30Y003	24 V	1	-
KPM30Y004	24 V	1	-

Discontinued product.

Electronic controller for heating/cooling systems. With display panel for system monitoring, configuration and management. Dimension 6 DIN modules. Possibility of controlling the mixing valve, pump and voltage-free contact outputs. Optional connection with KD201 remote display. Possibility of connection (via Bus) with KPM35 expansion board and K492B/K493TW ambient thermostats. EC certification.

KPM35

PRODUCT CODE	SIZE	▢	⊞
KPM35Y001	24 V	1	-

Input/output expansion board for KPM30 electronic controller.

Voltage-free contact outputs with possibility of commanding the electrical actuators or air treatment systems for dehumidification or integration. Dimension 4 DIN modules. EC certification.

KPM22

PRODUCT CODE	SIZE	▢	⊞
KPM22Y001	24V	1	18

Electronic controller for HVAC systems. Integrated display for system monitoring, configuration and control. 24 Vac power supply, dimension 8 DIN modules. Optional mixing valve control, pump and free contact outlets. Connection through bus to K493TW or K495C thermostats. K497Y011 included. EC Certification.

KD201

PRODUCT CODE	SIZE	▢	⊞
KD201Y001	-	1	-

LCD display with keyboard for system monitoring, configuration and management. To be used in combination with the KPM30 electronic controller. Direct power supply from the electronic controller. Surface mounting. EC certification.

K497

PRODUCT CODE	SIZE	▢	⊞
K497Y001	For KPM30 or KPM31	1	-
K497Y002	For KPM35	1	-
K497Y011	For KPM22	1	-

Kit of removable terminals for KPM22, KPM30, KPM35 electronic controller.

KPM36

PRODUCT CODE	SIZE	▢	⊞
KPM36Y001	ModBus board	1	-
KPM36Y002	Konnex board	1	-
KPM36Y003	Ethernet board	1	-

Boards for KPM30 electronic controllers.

ⓘ **INFO**

Configuration software for Konnex version available on Giacomini.com

K495B

PRODUCT CODE	SIZE	▢	⊞
K495BY002	24 V	1	-

Temperature/humidity probe without visualization and local interface (blank).
To be used in combination with the KPM30/KPM31 electronic controller, connected via Bus. ModBus RTU slave communication on RS485.
Surface mounting.
EC certification.

K493TW

PRODUCT CODE	SIZE	▢	⊞
K493TWY002	12 V	1	-

Wi-Fi room chronothermostat with temperature and humidity probes. To be used in combination with the KPM30 or KPM22 electronic controller. Backlight touch-screen display. The thermostat can control directly a fan coil with 0..10 V command, or in combination with a KF201 module a 3-speed fan foil. Weekly/daily heating and cooling programming and possible manual control. App K-Domo for simplified control also from remote. Horizontal installation for either semi-flush mounting installation in a 3-gang box (Italian standard) or wall mounting. White color. ModBus RTU Bus RS485 communication protocol. EC certification.

K495C

PRODUCT CODE	SIZE	▢	⊞
K495CY002	12÷24 Vac / 12 Vdc	1	50

Thermostat with temperature and humidity probe. Back-lit LCD display with touch buttons. For use with the KPM22 electronic controller through CANbus connection to control HVAC systems. Exposed installation on wall.

K492B

PRODUCT CODE	SIZE	▢	⊞
K492BY002	230 V	1	-

Thermostat with backlight display and local interface for controlling ambient temperature and humidity. To be used in combination with the KPM30 electronic controller, connected via Bus. ModBus RTU slave communication on RS485. Flush-mount installation in round domestic box. EC certification.

K493I

PRODUCT CODE	SIZE	▢	⊞
K493IY012	12 V	1	-

Temperature/humidity probe. To be used in combination with the KPM30 electronic controller, connected via Bus. ModBus RTU slave communication on RS485. Flush-mount.
EC certification.

KF201

PRODUCT CODE	SIZE	▢	⊞
KF201Y001	12 V Bus	1	1

Fan coil control module to be used with K483T thermometers of the Klimabus electronic control.

K360

PRODUCT CODE	SIZE	▢	⊞
K360Y002	230 V - 12 V	1	-

Power supply DC stabilized output that is used to power the K493TW thermostats or K493I probes. EC certification.

K463P

PRODUCT CODE	SIZE	▢	⊞
K463PY001	-	1	-

Supply temperature probe (passive type). Measuring range -50/105°C. Cable length 6 m. Bulb diameter 6 mm.
To be used in combination with the KPM30 electronic controller or the KPM10 controller.

K465P

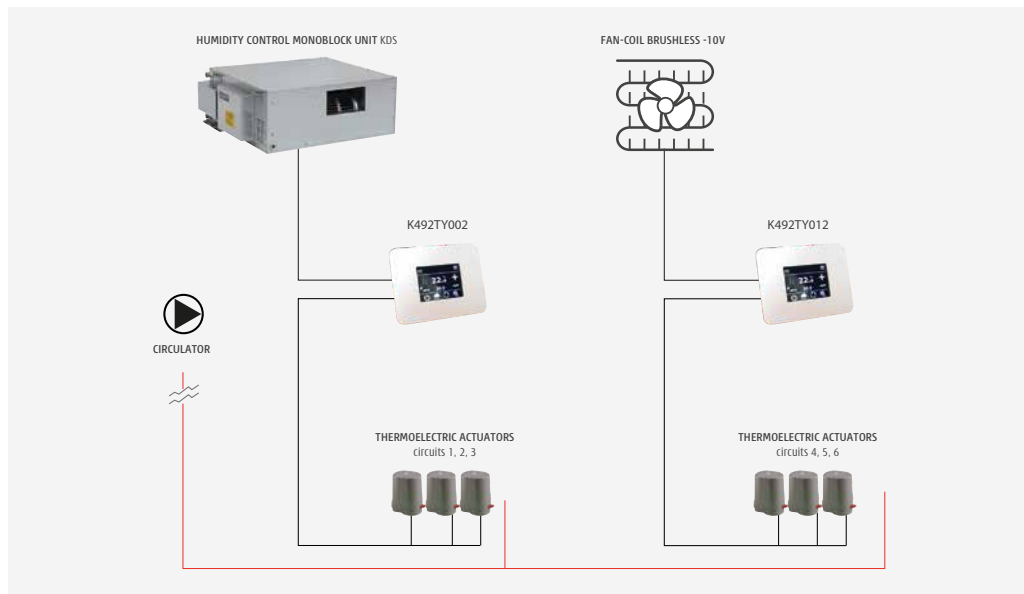| PRODUCT CODE	SIZE	▢	⊞
K465PY001	-	1	-

External temperature probe (passive type). Measuring range -50/105 °C, in box with IP68 degree of protection. To be used in combination with the KPM30 electronic controller.

⟩ Thermoregulation - Stand alone

STAND-ALONE THERMOREGULATION SYSTEM

Chronothermostat and thermostat family for exposed and concealed installation and control of thermo-electric actuators or zone valves in heating and cooling radiant systems. Combined to radiant panels, they can also control integration terminals such as dehumidifiers. 230 Vac power and battery-powered with AA and AAA alkaline batteries. Main characteristics: - Modern and technologic aesthetics. - Blue led back-lit graphic display (for K490I and K492). - Touchscreen (K492 only). - For concealed chronothermostats, compatible with plates of most civil electric lines (among which Bticino Axolute). - Possible centralized local (with a specific control module) or remote (with GSM module) control, using mobile phone text messages or downloading the dedicated APP for smartphones and tablets (versions for Android and iOS).

HUMIDITY CONTROL MONOBLOCK UNIT KDS

FAN-COIL BRUSHLESS -10V

K492TY002

K492TY012

CIRCULATOR

THERMOELECTRIC ACTUATORS
circuits 1, 2, 3

THERMOELECTRIC ACTUATORS
circuits 4, 5, 6

K492T

PRODUCT CODE	SIZE	⧉	⊞
K492TY002	230 V	1	-
K492TY012	230 V	1	-

Wi-Fi weekly chronothermostat with humidity control with touch-screen. Horizontal installation on 503 3-module civil box. White color. According to the version, the device can control thermo-electric actuators, dehumidifiers and fan coils. Power supply 230 Vac. Weekly/daily heating and cooling programming and possible manual control. Integrated relative humidity probe. K-Domo dedicated App for simplified control also from remote.

ⓘ **INFO**

K492TY002: control of thermo-electric actuators and dehumidifiers. Equipped with anti-condensation protection for summer cooling: the chronothermostat with humidity control, based on the rising relative humidity detected, automatically closes the hydraulic supply to the radiant system before reaching the dew point and reopens once the danger has been averted.
K492TY012: control of thermo-electric actuators and fan coils 0÷10 V.

K494

PRODUCT CODE	SIZE	⧉	⊞
K494AY001	2 batteries AAA 1,5 V	1	-

Thermostat, surface mounting installation. Display without backlighting. Operating mode in heating and cooling, with two attenuation levels. Powered by N.2 AAA 1,5 V batteries. Wall installation or in round box (diameter 60 mm). Temperature adjustment range: 2÷40°C. EC certification.

K492

PRODUCT CODE	SIZE	⧉	⊞
K492DY012	230 V	1	-

Temperature and humidity weekly thermostat, external wall-mount installation. Equipped with 2 output relays (voltage-free exchange contact, 5(3)A, 250 Vac) for commanding heating/cooling systems (thermo-electric actuators) and integrated management of dehumidification (air treatment units). Possibility to connect auxiliary supply temperature probe (K463PY001) for the management of alarms and system block (Dew Point control, max. temperature in heating mode, minimum temperature in cooling mode). Temperature adjustment range: 2÷40 °C. EC certification.

PM100R

PRODUCT CODE	SIZE	⧉	⊞
PM100Y011	230 V	1	-

Control unit with 8 input (thermostats) and 8 output (zone valve, actuators) with 4 minutes delayed intervention of the pump.

ⓘ **INFO**

Use only Normally Closed (N.C.) 230 Vac thermo-electric actuator.

K373

PRODUCT CODE	SIZE	⧉	⊞
K373Y011	230 V	1	10
K373Y012	230 V - with R227-1	1	10

Safety thermostat with immersion probe and housing.

❯ Overview of radiant ceiling systems

GKC CLASSIC AND SUPER CLASSIC SYSTEM

GKC CLASSIC AND SUPER CLASSIC is a radiant ceiling system consisting of pre-assembled panels with plasterboard finish. It is suitable for heating and cooling residential applications and finds its natural extension in rooms in hotels, commercial environments and in all those contexts where a civil type ceiling finish is required. The panels of the GKC Classic and Super Classic ranges differ in their thermal performance. Depending on the load requirements heating and refrigerator, you can choose the most appropriate model, optimizing the performance of the system. Both the versions are available in the basic plasterboard version, with sound absorption, water repellent for kitchens and bathrooms, to fire and with inactive areas for the installation of lighting bodies or system detection components. The activation of the panel is performed by using your 8x1 mm PEX for the construction of hydraulic circuits.
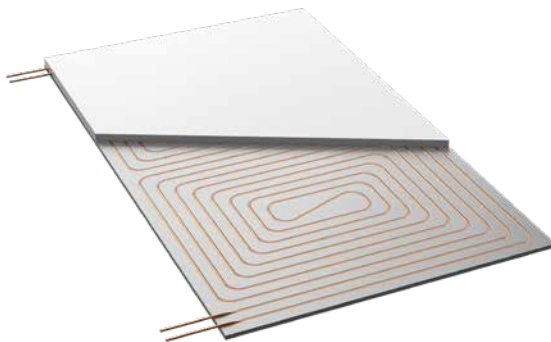
PLASTERBOARD RADIANT PANELS

WHY CHOOSE IT?

- **SUITABLE FOR RESIDENTIAL OR SIMILAR APPLICATIONS**
- **POSSIBILITY OF INTEGRATING EQUIPMENT IN THE FALSE CEILING**
- **WALLS FREE OF DISTRIBUTION MANIFOLDS**
- **AVAILABLE FOR SOUND ABSORBTION**
- **AVAILABLE WITH FIRE RESISTANCE**
- **AVAILABLE IN WATER-REPELLENT VERSION**
- **TWO LEVELS OF PERFORMANCE FOR THE NEED FOR COMFORT**

KS - KSS

TECHNICAL FEATURES:

- Plasterboard panel coupled to one layer of expanded polystyrene insulation
- 1200x2000, 600x2000 modularity and 600x1200 mm
- Activation composed of coil in PEX 8x1 mm with 50 mm pitch (Classic) or with reduced pitch 30 mm (Super Classic).
- Available in different versions: basic plasterboard, water repellent, with predisposed light points, acoustic, fire resistant.

SUPER CLASSIC THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA

- 48 W/m^2 according to EN 14240 at $\Delta T = 8$ K in cooling
- 77 W/m^2 according to EN 14037 at $\Delta T = 15$ K in heating

CLASSIC THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA):

- 41 W/m^2 according to EN 14240 at $\Delta T = 8$ K in cooling
- 68 W/m^2 according to EN 14037 at $\Delta T = 15$ K in heating

GKC ULTRA-P is a radiant ceiling system consisting of pre-assembled panels with plasterboard finish. Suitable for heating and cooling of residential applications and finds its natural extension in hotel rooms, commercial environments and in all those contexts where a false ceiling finish is required. The panels of the GKC ULTRA-P range are characterized by their high performance and excellent quality cost / performance ratio.
The panel is made up of a graphite plasterboard sheet and an insulating layer in EPS, while activation is performed through the use of an 8x1 mm PEX pipe for the construction of the circuits plumbers.
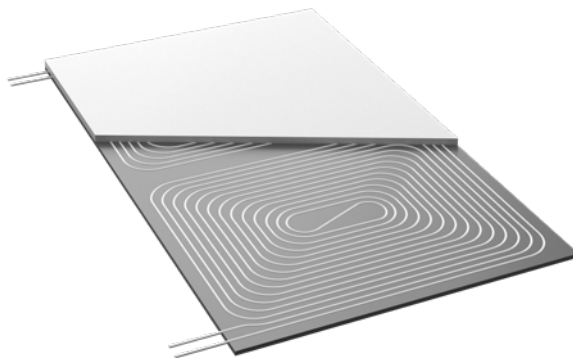
WHY CHOOSE IT?

- **SUITABLE FOR RESIDENTIAL AND TERTIARY APPLICATIONS**
- **WALLS FREE OF DISTRIBUTION MANIFOLDS**
- **HIGH THERMAL PERFORMANCES**
- **HIGH COOLING PERFORMANCE**
- **EXCELLENT COST-PERFORMANCE RATIO**

KSUP

TECHNICAL FEATURES:

- Plasterboard panel coupled to one layer of expanded polystyrene insulation
- 1200x2000, 600x2000 and 600x1200 modularity
- Activation composed of coil in PEX 8x1 mm with 3 cm pitch
- Graphite plasterboard sheet

THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA):

- 55 W/m² according to EN 14240 at $\Delta T = 8$ K in cooling
- 80 W/m² according to EN 14037 at $\Delta T = 15$ K in heating

GKC ULTRA-C SYSTEM

GKC ULTRA-P is a radiant ceiling system consisting of pre-assembled panels with plasterboard finish. Suitable for heating and cooling of residential applications and finds its natural extension in hotel rooms, commercial environments and in all those contexts where a false ceiling finish is required. The panels of the GKC ULTRA-P r ange are characterized by their high performance and excellent quality cost / performance ratio.
The panel is made up of a graphite plasterboard sheet and an insulating layer in EPS.
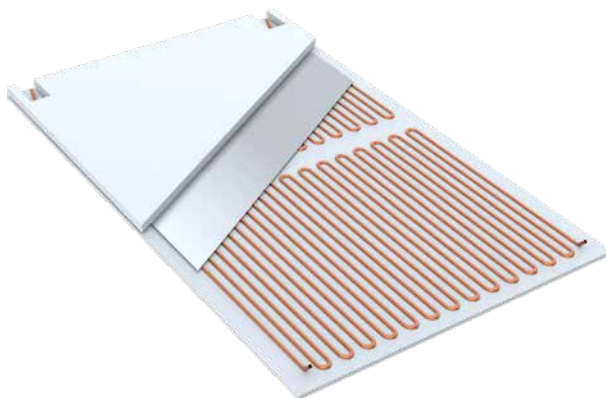Activation consisting of one hydraulic circuit in 12 mm copper pipe, pitch 50 mm

WHY CHOOSE IT?

• **SUITABLE FOR RESIDENTIAL AND TERTIARY APPLICATIONS**
• **WALLS FREE OF DISTRIBUTION MANIFOLDS**
• **HIGH THERMAL PERFORMANCES**
• **HIGH COOLING PERFORMANCE**
• **EXCELLENT COST-PERFORMANCE RATIO**

KSUC

TECHNICAL FEATURES:

• Plasterboard panel coupled to one layer of expanded polystyrene insulation
• 1200x2000, 600x2000 and 600x1200 modularity
• Activation consisting of one hydraulic circuit in 12 mm copper pipe, pitch 50 mm
• Graphite plasterboard sheet

THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA):

• 60 W/m^2 according to EN 14240 at ΔT = 8 K in cooling
• 85 W/m^2 according to EN 14037 at ΔT = 15 K in heating

RC102P

PRODUCT CODE	SIZE	⊡	⊞
RC102P002	8 x 1	5	500
RC102P109	20 x 2	25	200

Plastic straight "push-fittings"
for GKC Classic, Super Classic, Ultra,
plasterboard ceilings panels.
With internal gaskets in the pipe with
embedded internal sleeve for pipe support.
Ease of insertion into the pipe.
Guarantee of fluid tightness thanks
to the action of the double O-Ring.
Possibility to visually check
the correct insertion of the pipe.
Do not require RC900 sleeves.

RC102P002

RC102P109

RC151P

PRODUCT CODE	SIZE	⊡	⊞
RC151P153	20 x 2 + one outlet 8 x 1	25	200
RC151P163	20 x 2 + two outlets 8 x 1	25	200

Plastic Tee "push-fittings"
for GKC Classic, Super Classic, Ultra,
plasterboard ceilings panels.
With internal gaskets in the pipe with
embedded internal sleeve for pipe support.
Ease of insertion into the pipe.
Guarantee of fluid tightness thanks
to the action of the double O-Ring.
Possibility to visually check
the correct insertion of the pipe.
Do not require RC900 sleeves.

RC151P153

RC151P163

RC122P

PRODUCT CODE	SIZE	⊡	⊞
RC122P109	20 x 2	25	200

Plastic 90° elbow "push-fittings"
for GKC Classic, Super Classic, Ultra,
plasterboard ceilings panels.
With internal gaskets in the pipe with
embedded internal sleeve for pipe support.
Ease of insertion into the pipe.
Guarantee of fluid tightness thanks
to the action of the double O-Ring.
Possibility to visually check
the correct insertion of the pipe.
Do not require RC900 sleeves.

RC165P

PRODUCT CODE	SIZE	⊡	⊞
RC165P001	For fitting 8 x 1	10	200
RC165P004	For fitting 20 x 2	10	200

Plug for plastic "push-fittings" for GKC Classic,
Super Classic, Ultra, plasterboard ceilings panels.

GK CLASSIC is a metal radiant ceiling system suitable for heating and cooling applications of medium-sized environments in the tertiary sector. It is characterized by the modularity of 600x600 mm and 600x1200 mm and with multiple possibilities of supporting structures: inverted T base 24 or 15, with shutter, hidden type. The hanging system is such as to allow a perfect flatness of the false ceiling. Panels are available both smooth or micro-perforated and with RAL9003 finish (the colors can be extended to the entire RAL range on request). There lateral compensation is made both in plasterboard and with inactive cut metal panels.

WHY CHOOSE IT?

- **SUITABLE FOR ANY KIND OF ENVIRONMENT**
- **CROSSED STRUCTURE WITH EXPOSED OR HIDDEN CARRIER**
- **QUICK INSTALLATION**
- **FULLY INSPECTIONABLE**

CUSTOMIZABLE SYSTEM IN FINISH AND INTERSPACING ON REQUEST

GK CLASSIC

TECHNICAL FEATURES:

- Post galvanized steel sheet panel painted in RAL 9003 smooth or micro-perforated
- Modularity 600x1200 and 600x600 mm
- Activation composed of thermal diffusers in aluminum and copper coils
- Cross suspension structure with profile a Inverted or hidden T
- Good speed and ease of installation
- Fully inspectable ceiling
- Good degree of system customization (color, micro-perforation, surface)

THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA):

- 97 W/m^2 according to EN 14240 at ΔT = 8 K in cooling
- 132 W/m^2 according to EN 14037 at ΔT = 15 K in heating

GK TOP is a metal ceiling system particularly suitable for both heating and cooling open space environments for both medium / small environments: offices, halls, commercial environments, airports, public buildings. It is characterized by the modularity 1200x1200 with crossed structure and 600x1200 mm with parallel structure, complete with head elements. The hanging system is such as to allow perfect flatness and horizontality of the false ceiling. The panels can be smooth or micro-perforated and with RAL9010 finish (it is possible to extend the colors to the entire RAL range on request). Lateral compensation is typically made of plasterboard.
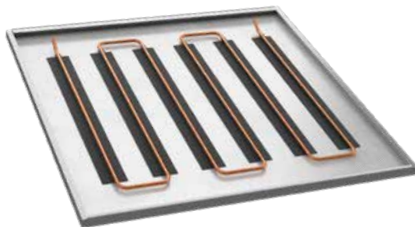
WHY CHOOSE IT?

- **SUITABLE FOR OPEN SPACE OR MEDIUM/SMALL ENVIRONMENTS**
- **EASY INTEGRATION OF ILLUMINATING BODIES INTO STRUCTURE**
- **SUPPORTING STRUCTURE CROSSED OR PARALLEL TYPE**
- **FULLY INSPECTIONABLE WITHOUT DRAINING THE CIRCUIT**

CUSTOMIZABLE SYSTEM IN FINISH AND INTERSPACING ON REQUEST

GK TOP

TECHNICAL FEATURES:

- Post galvanized steel sheet panel painted in RAL 9010 smooth or micro-perforated
- Modularity 1200x1200 and 600x1200 mm
- Activation composed of thermal diffusers in aluminum and copper coils
- Cross and parallel suspension structure
- Ease of installation
- Fully inspectable ceiling
- Excellent degree of system customization (color, micro-perforation, dimensions, surface)

THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA):

- 97 W/m^2 according to EN 14240 at ΔT = 8 K in cooling
- 132 W/m^2 according to EN 14037 at ΔT = 15 K in heating

GK ULTRA is a metal ceiling system particularly suitable for space heating and cooling open space: offices, halls, commercial environments, airports, school buildings. It is characterized by modularity 1524x1524 mm and a cross-type bearing structure. The hanging system is such as to allow a perfect fit flatness and horizontality of the false ceiling. The junction of the structure takes place without the use of screws-bolts and consequence without the use of tools, ensuring safety and greater productivity in installation times. The coupling of the panels to the structure takes place by means of hinges and spring couplings for greater system solidity. The panels are micro-perforated and with RAL9010 finish available (colors can be extended to the entire RAL range on request). There lateral compensation is typically made of plasterboard.

WHY CHOOSE IT?

- **ESPECIALLY SUITABLE FOR OPEN SPACE ENVIRONMENTS**
- **EASY INTEGRATION OF ILLUMINATING BODIES INTO STRUCTURE**
- **EXTREME SIMPLICITY IN ASSEMBLY**
- **SUPPORTING STRUCTURE CROSSED OR PARALLEL TYPE**
- **FULLY INSPECTIONABLE WITHOUT DRAINING THE CIRCUIT**
- **PRE-COUPLED TNT FOR SOUND ABSORBTION**

CUSTOMIZABLE SYSTEM IN FINISH AND INTERSPACING ON REQUEST

GK ULTRA

TECHNICAL FEATURES:

- Post galvanized steel sheet panel painted in RAL 9016 with applied fleece layer for better acoustic comfort
- Activation composed of thermal diffusers in aluminum and copper coils
- Hidden suspension structure
- Easy to install
- Fully inspectable ceiling
- High degree of system customization (color, finish, micro-perforation, dimensions)

THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA):

- 108 W/m^2 according to EN 14240 at ΔT = 8 K in cooling
- 134 W/m^2 according to EN 14037 at ΔT = 15 K in heating

GK-V ULTRA is a metallic radiant sail system suitable for heating and cooling applications of large / medium-sized environments in the tertiary sector. This system makes it possible to locate the air conditioning where necessary, without placing a closed false ceiling. The hanging system is such as to allow a perfect fit flatness of the false ceiling. The panels are available micro-perforated and with RAL9003 finish (it is possible to extend the colors to the entire RAL range on request).

WHY CHOOSE IT?

- **ISLAND OPEN CEILING**
- **ESPECIALLY SUITABLE FOR ENVIRONMENTS MODERN OPEN SPACES**
- **EASY INTEGRATION OF ILLUMINATING BODIES IN THE STRUCTURE**
- **EXTREME SIMPLICITY IN ASSEMBLY**
- **FULLY INSPECTIONABLE WITHOUT DRAINING THE CIRCUIT**
- **PRE-COUPLED TNT FOR SOUND ABSORBTION**

CUSTOMIZABLE SYSTEM IN FINISH AND INTERSPACING ON REQUEST

GK-V ULTRA

TECHNICAL FEATURES:

- Post galvanized steel sheet panel painted in RAL 9016 with applied fleece layer for better acoustic comfort
- Activation composed of thermal diffusers in aluminum and copper coils
- Hidden suspension structure
- Easy to install
- Fully inspectable ceiling
- High degree of system customization (color, finish, micro-perforation, dimensions)

THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA):

- 124 W/m² according to EN 14240 at ΔT = 8 K in cooling
- 150 W/m² according to EN 14037 at ΔT = 15 K in heating

K85RS

PRODUCT CODE	SIZE	⬚	⊞
K85RSY053	RS12 x RS12 - length 900 mm	1	50
K85RSY054	RS12 x 1/2"F - length 400 mm	1	50
K85RSY073	RS16 x RS16 - length 900 mm	1	35
K85RSY074	RS16 x 1/2"NPT-F - length 1000mm	1	30
K85RSY075	RS16 x RS16 - length 2000 mm	1	25
K85RSY076	RS16 x RS16 - length 3400 mm	1	12
K85RSY077	RS16 x RS16 - length 1100 mm	1	25
K85RSY052	RS16 x RS12 - length 400 mm	1	50

Connection kit for radiant ceiling panel with copper activation, consisting of:
- Push fittings, removable type.
- Flexible butyl pipe with low oxygen permeability, conforming to DIN 4726, with stainless steel braid coating.
- Optional P21RS tamper-proof clip.

P21RS

PRODUCT CODE	SIZE	⬚	⊞
P21RSY001	For K85RS 16	100	9.000

Tamper-proof clip for 16 mm K85RS kit.

RC102

PRODUCT CODE	SIZE	⬚	⊞
RC102X004	Ø 12	10	100
RC102X007	Ø 16	10	100

Straight push fitting, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC107

PRODUCT CODE	SIZE	⬚	⊞
RC107X017	G 1/2"M x Ø 16	10	100

Straight push fitting with male thread, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC109

PRODUCT CODE	SIZE	⬚	⊞
RC109X014	G 1/2"F x Ø 12	10	100

Straight push fitting with female thread, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC122

PRODUCT CODE	SIZE	⬚	⊞
RC122X004	Ø 12	10	100
RC122X007	Ø 16	10	100

Elbow push fitting, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC150

PRODUCT CODE	SIZE	⬚	⊞
RC150X007	Ø 16	10	100

Tee push fitting, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC900

PRODUCT CODE	SIZE	⬚	⊞
RC900Y011	12 x 1,5	100	1.000
RC900Y016	16 x 1,5	100	500

Reinforcement sleeve for push fittings.
To be used in the connection of plastic pipes.

HEAT PUMPS AND COMPONENTS

We were born with water, the element symbolic of life. This is why we have always been attentive to the environment and increasingly motivated to develop systems that rely on renewable energy sources.

GIACOMINI
WATER E-MOTION

⟩ Heat pumps

HPM-EV

WITHOUT ELECTRICAL RESISTANCE

PRODUCT CODE	SIZE	▢	⊞
HPMEVY005	230 V / 1 Ph / 50 Hz / 5 KW	1	-
HPMEVY007	230 V / 1 Ph / 50 Hz / 7 KW	1	-
HPMEVY009	230 V / 1 Ph / 50 Hz / 9 KW	1	-
HPMEVY011	230 V / 1 Ph / 50 Hz / 11 KW	1	-
HPMEVX011	400 V / 3 Ph / 50 Hz / 11 KW	1	-
HPMEVY013	230 V / 1 Ph / 50 Hz / 13 KW	1	-
HPMEVX013	400 V / 3 Ph / 50 Hz / 13 KW	1	-
HPMEVY015	230 V / 1 Ph / 50 Hz / 15 KW	1	-
HPMEVX015	400 V / 3 Ph / 50 Hz / 15 KW	1	-

WITH ELECTRICAL RESISTANCE

PRODUCT CODE	SIZE	▢	⊞
HPMEVY005R	230 V / 1 Ph / 50 Hz / 5 KW	1	-
HPMEVY007R	230 V / 1 Ph / 50 Hz / 7 KW	1	-
HPMEVY009R	230 V / 1 Ph / 50 Hz / 9 KW	1	-
HPMEVY011R	230 V / 1 Ph / 50 Hz / 11 KW	1	-
HPMEVX011R	400 V / 3 Ph / 50 Hz / 11 KW	1	-
HPMEVY013R	230 V / 1 Ph / 50 Hz / 13 KW	1	-
HPMEVX013R	400 V / 3 Ph / 50 Hz / 13 KW	1	-
HPMEVY015R	230 V / 1 Ph / 50 Hz / 15 KW	1	-
HPMEVX015R	400 V / 3 Ph / 50 Hz / 15 KW	1	-

Monobloc air/water heat pump, exposed version with vertical supply, equipped with remote control panel, for residential applications.

ⓘ **INFO**

The electrical resistance is installed in factory and cannot be installed later.

CERTIFICATIONS AND SYMBOLS

CE

HPB

WITHOUT SOLAR COIL

PRODUCT CODE	SIZE	▢	⊞
HPBY020	200 l	1	-
HPBY027	270 l	1	-

WITH SOLAR COIL

PRODUCT CODE	SIZE	▢	⊞
HPBSY020	200 l	1	-
HPBSY027	270 l	1	-

Hot domestic water heater
with integrated air/water heat pump.
The water heater takes its energy from
the ambient air -depending on the type
of installation it can either take the air from
the room where it is located or the outside air.
The heat pump transforms the heat from
the air to heat for domestic water.
It is often installed in rooms with limited
surface area, such as the laundry room or garage.

CERTIFICATIONS AND SYMBOLS

CE

ENERGY EFFICIENCY CLASS

A++

HIGH PERFORMANCE HEAT PUMP

COP 3.91*

*COP = 3,91 for the 270 liter version according to EN16147

HOT DOMESTIC WATER TANK

stainless steel

ELECTRIC RESISTANCE

(1,5 kW)

COIL EXCHANGER

integrated

INSULATION 5 cm

+ polymer exterior finish
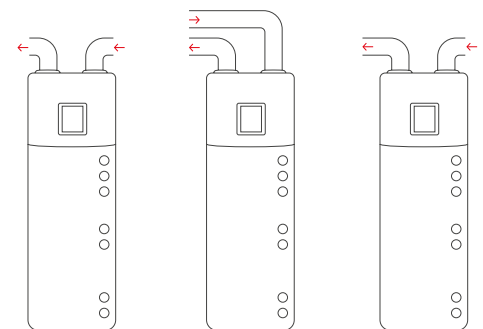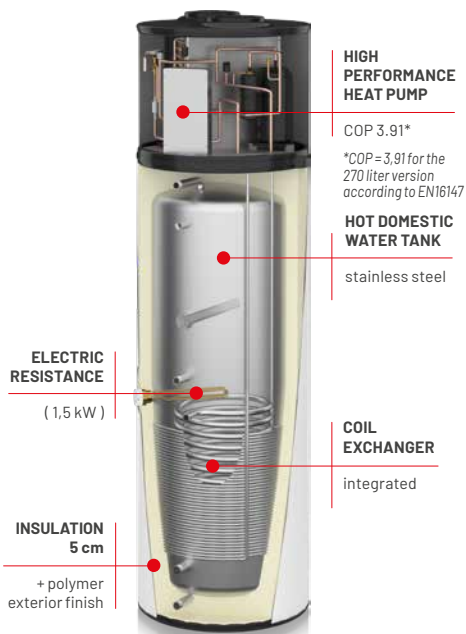
INSTALLATION WITHOUT DUCT

for premises with a surface area of at least 20 m² and sufficient ventilation

INSTALLATION WITH 2 EXTERIOR CONDUITS

entrance and exit

INSTALLATION WITH 1 CONDUIT

exhaust to the outside

▶ Hydronic units and components for heat pump HVAC systems

R148HP

PRODUCT CODE	SIZE	▢	⊞
R148HPY005	G 1"M	1	10
R148HPY006	G 1-1/4"M	1	10
R148HPY007	G 1-1/2"M	1	10

▶ VIDEO
R148HP

Freezing protection valve is key to prevent damages to the system caused by the formation of ice. Specifically designed for monobloc heat pump systems, this valve allows to drain circuit fluids when the temperature drops to 1 °C.

R586HPI

WITHOUT INSULATION

PRODUCT CODE	SIZE	▢	⊞
R586HPIY005	G 1"F /diverting valve 40 s	1	-
R586HPIY105	G 1"F /diverting valve 8 s	1	-

WITH INSULATION

PRODUCT CODE	SIZE	▢	⊞
R586HPIY015	G 1"F /diverting valve 40 s	1	-
R586HPIY115	G 1"F /diverting valve 8 s	1	-

ⓘ **INFO**
R586HPIY005, R586HPIY015:
with 40-sec. diverting valve (R279D)
R586HPIY105, R586HPIY115:
with 8-sec. diverting valve (R279B)

▶ VIDEO
R586HPI

In white are indicated the completion codes

Hydronic unit for heat pumps, designed for optimal control of heating/cooling services and hot domestic water (HDW).
- Metal frame for wall fitting.
- Preassembled solution to cut down the time required for installation and prevent execution errors.
- Connection to HDW storage.
- Control of thermal storage tank to decouple the heating/ cooling system from the heat pump status: HDW production during cooling or execution of defrosting cycle during heating.
- Diverting valve to change over the control modes of both the HDW storage and the heating/cooling services.
- Magnetic dirt separator with high filtering capacity.
- The unit can be completed with a relaunching pump, an insulation (for codes without insulation) and a diverting valve actuator.

Compact   **Easy to install**   **Non-invasive**

COMPLETION CODES FOR R586HPIY005

- K270Y101: actuator 230 V, for 40-sec diverting valve (R279D)
- K270Y102: actuator 24 V, for 40-sec diverting valve (R279D)
- R540FY002: contact thermometer, red color, scale 0÷120 °C, Ø 40 mm (to be installed on the T-handles of the ball valves instead of the colored plates)
- R540FY022: contact thermometer, blue color, scale 0÷120 °C, Ø 40 mm (to be installed on the T-handles of the ball valves instead of the colored plates)
- R586HPIW005: insulation
- P76WHPIY001: Wilo Para 25/7 circulator kit, center distance 130 mm, with ball valve and check valve
- P76WHPIY002: Wilo Para 25/7 circulator kit, center distance 180 mm, with ball valve and check valve
- R197HPIY001: spacer kit for circulator installation, center distance 130 mm, with ball valve and check valve
- R197HPIY002 spacer kit for circulator installation, center distance 180 mm, with ball valve and check valve

COMPLETION CODES FOR R586HPIY105

- K270Y211: actuator 230 V, for 8-sec diverting valve
- R540FY002: contact thermometer, red color, scale 0÷120 °C, Ø 40 mm (to be installed on the T-handles of the ball valves instead of the colored plates)
- R540FY022: contact thermometer, blue color, scale 0÷120 °C, Ø 40 mm (to be installed on the T-handles of the ball valves instead of the colored plates)
- R586HPIW105: insulation
- P76WHPIY001: Wilo Para 25/7 circulator kit, center distance 130 mm, with ball valve and check valve
- P76WHPIY002: Wilo Para 25/7 circulator kit, center distance 180 mm, with ball valve and check valve
- R197HPIY001: spacer kit for circulator installation, center distance 130 mm, with ball valve and check valve
- R197HPIY002 spacer kit for circulator installation, center distance 180 mm, with ball valve and check valve

COMPLETION CODES FOR R586HPIY015

- K270Y101: actuator 230 V, for 8-sec diverting valve (R279D)
- K270Y102: actuator 24 V, for 40-sec diverting valve (R279D)
- R540FY002: contact thermometer, red color, scale 0÷120 °C, Ø 40 mm (to be installed on the T-handles of the ball valves instead of the colored plates)
- R540FY022: contact thermometer, blue color, scale 0÷120 °C, Ø 40 mm (to be installed on the T-handles of the ball valves instead of the colored plates)
- P76WHPIY001: Wilo Para 25/7 circulator kit, center distance 130 mm, with ball valve and check valve
- P76WHPIY002: Wilo Para 25/7 circulator kit, center distance 180 mm, with ball valve and check valve
- R197HPIY001: spacer kit for circulator installation, center distance 130 mm, with ball valve and check valve
- R197HPIY002 spacer kit for circulator installation, center distance 180 mm, with ball valve and check valve

COMPLETION CODES FOR R586HPIY115

- K270Y211: actuator 230 V, for 8-sec diverting valve
- R540FY002: contact thermometer, red color, scale 0÷120 °C, Ø 40 mm (to be installed on the T-handles of the ball valves instead of the colored plates)
- R540FY022: contact thermometer, blue color, scale 0÷120 °C, Ø 40 mm (to be installed on the T-handles of the ball valves instead of the colored plates)
- P76WHPIY001: Wilo Para 25/7 circulator kit, center distance 130 mm, with ball valve and check valve
- P76WHPIY002: Wilo Para 25/7 circulator kit, center distance 180 mm, with ball valve and check valve
- R197HPIY001: spacer kit for circulator installation, center distance 130 mm, with ball valve and check valve
- R197HPIY002 spacer kit for circulator installation, center distance 180 mm, with ball valve and check valve

P76WHPI

PRODUCT CODE	SIZE	⬚	⊞
P76WHPIY001	G 1"M x G 1"F - 25/7 - 130 mm	1	-
P76WHPIY002	G 1"M x G 1"F - 25/7 - 180 mm	1	-

**Pump kits with ball valve and check valve
for R586HPI hydronic units for heat pump.**

ⓘ **INFO**

- P76WHPIY001: Wilo Para 25/7 pump kit, center distance 130 mm, with ball valve and check valve
- P76WHPIY002: Wilo Para 25/7 pump kit, center distance 180 mm, with ball valve and check valve

R197HPI

PRODUCT CODE	SIZE	⬚	⊞
R197HPIY001	G 1"M x G 1"F - 180 mm	1	-
R197HPIY002	G 1"M x G 1"F - 180 mm	1	-

**Spacer kits with ball valve and check valve
for R586HPI hydronic units for heat pump.**

ⓘ **INFO**

- R197HPIY001: spacer kit for pump installation, center distance 130 mm, with ball valve and check valve
- R197HPIY002 spacer kit for pump installation, center distance 180 mm, with ball valve and check valve

R586HPIW

PRODUCT CODE	SIZE	⬚	⊞
R586HPIW005	1" /For R586HPIY005	1	-
R586HPIW105	1" /For R586HPIY105	1	-

**Insulations for R586HPI hydronic units f
or heat pump.**

ⓘ **INFO**

- R586HPIW005: insulation for R586HPIY005 hydronic module
- R586HPIW105: insulation for R586HPIY105 hydronic module

R279B

PRODUCT CODE	SIZE	⬚	⊞
R279BY005	G 1"M - 230 V	1	6

**3-way diverting valve with ON/OFF
quick-opening actuator and insulation.
Temperature range: 5÷90 °C.
Max working pressure: 10 bar.**

ⓘ **INFO**

K270Y211 actuator included, with handle
for manual command and stroke-end microswitch.
Power supply 230 V.
Actuation time: 8 seconds.
Protection class: IP44.
Polyethylene foam insulation.

R146C

PRODUCT CODE	SIZE	⬚	⊞
R146CX004	G 3/4"M	1	10
R146CX005	G 1"M	1	10
R146CX006	G 1-1/4"F	1	4

**Adjustable magnetic dirt separator.
Equipped with adjustable inlet/outlet fitting,
adjustable drain cock, filter, magnet with brass
housing and cap (only for 3/4" and 1" versions).**

ⓘ **INFO**

Optional accessories for R146CX004
(already included in R146CKX004 kit)
- R254PY034: shut-off ball valve with flat seat nut,
G 3/4"F x G 3/4"M
- R176PY008: tail piece with flat seat nut, G 3/4"F x G 3/4"F
- R176PY018: adjustable tail piece with flat seat nut, G 3/4"F
x G 3/4"F

Optional accessories for R146CX005
- P15FY005: pair of two tail pieces with flat seat nut,
G 1"F x Rp 1"

PATENTED

▶ **VIDEO**
R146C

R146CK

PRODUCT CODE	SIZE	▢	⊞
R146CKX004	G 3/4"M x G 3/4"F	1	10
R146CKX006	G 1-1/4"F x G 1-1/4"F	1	4
R146CKX007	G 1-1/2"F x G 1-1/2"F	1	4
R146CKX016	G 1-1/4"F x G 1-1/4"F	1	-
R146CKX017	G 1-1/2"F x G 1-1/2"F	1	-

PATENTED

Kit composed by an adjustable magnetic dirt separator with accessories.

R146CKX004

R146CKX006 - R146CKX007

R146CKX016 - R146CKX017

Adjustable connection

Triple filtration action

Extra-strong magnet

**R146CKX004,
KIT COMPOSED BY:**

- 3/4" magnetic dirt separator
- 3-way adjustable fitting
- Cap for inlet/outlet fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Shut-off ball valve with flat seat nut, G 3/4"F x G 3/4"M
- Adjustable tail piece with flat seat nut, G 3/4"F x G 3/4"F

**R146CKX006,
KIT COMPOSED BY:**

- 1" magnetic dirt separator
- 2-way adjustable fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Nr.2 fittings
G 1-1/4"M f.s. x G 1-1/4"F

**R146CKX007,
KIT COMPOSED BY:**

- 1" magnetic dirt separator
- 2-way adjustable fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Nr.2 fittings
G 1-1/2"M f.s. x G 1-1/2"F

**R146CKX016,
KIT COMPOSED BY:**

- 1" magnetic dirt separator
- 2-way adjustable fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Nr.2 shut-off ball valves with extended T-handle and red plate,
G 1-1/4"M x G 1-1/4"F

**R146CKX017,
KIT COMPOSED BY:**

-1" magnetic dirt separator
- 2-way adjustable fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Nr.2 shut-off ball valves with extended T-handle and red plate,
G 1-1/2"M x G 1-1/2"F

R150M

PRODUCT CODE	SIZE	▢	⊞
R150MY003	G 1/2"M x G 1/2"F /with pres.gau	1	10
R150MY013	G 1/2"M x G 1/2"F /no press.gau.	1	10

Automatic filling unit for installation on water adduction pipes of closed-circuit heating/cooling systems.
Possibility to preset the system fluid pressure.
Removable cartridge and filter for easy cleaning and maintenance.
Anti-limestone function and compensated housing pressure adjustment.
Pressure gauge connection: G 1/4"F.

MANIFOLDS

Regardless of its economic value and its size, each component of an optimised system must offer maximum reliability.
This is why, with our range of pipes, fittings, manifolds and shut-off valves, we want to ensure not only constant performance levels but also absolute peace of mind throughout the working life of any system.

GIACOMINI
WATER E-MOTION

◆ Distribution manifolds for heating systems

R551

PRODUCT CODE	SIZE	▢	⊞
R551Y022	3/4" x 1/2" /2 Distance: 50 mm	1	50
R551Y023	3/4" x 1/2" /3 Distance: 50 mm	1	50
R551Y024	3/4" x 1/2" /4 Distance: 50 mm	1	10
R551Y025	3/4" x 1/2" /5 Distance: 50 mm	1	10
R551Y026	3/4" x 1/2" /6 Distance: 50 mm	1	10
R551Y027	3/4" x 1/2" /7 Distance: 50 mm	1	15
R551Y028	3/4" x 1/2" /8 Distance: 50 mm	1	15
R551Y029	3/4" x 1/2" /9 Distance: 50 mm	1	15
R551Y030	3/4" x 1/2" /10 Distance: 50 mm	1	-
R551Y031	3/4" x 1/2" /11 Distance: 50 mm	1	-
R551Y032	3/4" x 1/2" /12 Distance: 50 mm	1	10
R551Y062	1" x 1/2" /2 Distance: 50 mm	1	15
R551Y063	1" x 1/2" /3 Distance: 50 mm	1	12
R551Y064	1" x 1/2" /4 Distance: 50 mm	1	6
R551Y065	1" x 1/2" /5 Distance: 50 mm	1	8
R551Y066	1" x 1/2" /6 Distance: 50 mm	1	8
R551Y067	1" x 1/2" /7 Distance: 50 mm	1	10
R551Y068	1" x 1/2" /8 Distance: 50 mm	1	10
R551Y069	1" x 1/2" /9 Distance: 50 mm	1	10
R551Y070	1" x 1/2" /10 Distance: 50 mm	1	8
R551Y071	1" x 1/2" /11 Distance: 50 mm	1	10
R551Y072	1" x 1/2" /12 Distance: 50 mm	1	6
R551Y082	1 1/4" x 1/2" /2 Distance: 50 mm	1	10
R551Y083	1 1/4" x 1/2" /3 Distance: 50 mm	1	10
R551Y084	1 1/4" x 1/2" /4 Distance: 50 mm	1	5
R551Y085	1 1/4" x 1/2" /5 Distance: 50 mm	1	5
R551Y086	1 1/4" x 1/2" /6 Distance: 50 mm	1	5
R551Y087	1 1/4" x 1/2" /7 Distance: 50 mm	1	7
R551Y088	1 1/4" x 1/2" /8 Distance: 50 mm	1	7
R551Y089	1 1/4" x 1/2" /9 Distance: 50 mm	1	7
R551Y090	1 1/4" x 1/2" /10 Distance: 50mm	1	7
R551Y091	1 1/4" x 1/2" /11 Distance: 50mm	1	6
R551Y092	1 1/4" x 1/2" /12 Distance: 50mm	1	5
R551Y102	1 1/4" x 3/4" /2 Distance: 70 mm	1	8
R551Y103	1 1/4" x 3/4" /3 Distance: 70 mm	1	5
R551Y104	1 1/4" x 3/4" /4 Distance: 70 mm	1	5
R551Y105	1 1/4" x 3/4" /5 Distance: 70 mm	1	8
R551Y106	1 1/4" x 3/4" /6 Distance: 70 mm	1	7

Distribution manifold with female threaded outlets.
Temperature range: 5÷110 °C
Max. working pressure: 16 bar
Production on customized drawing available, after an
assessment of our Technical Department.

PRODUCT CODE	SIZE	▢	⊞
R551Y182	1 1/2" x 1" /2 Distance: 100 mm	1	3
R551Y183	1 1/2" x 1" /3 Distance: 100 mm	1	3
R551Y184	1 1/2" x 1" /4 Distance: 100 mm	1	5
R551Y185	1 1/2" x 1" /5 Distance: 100 mm	1	5
R551Y186	1 1/2" x 1" /6 Distance: 100 mm	1	3
R551Y187	1 1/2" x 1" /7 Distance: 100 mm	1	3
R551Y188	1 1/2" x 1" /8 Distance: 100 mm	1	3
R551Y189	1 1/2" x 1" /9 Distance: 100 mm	1	2
R551Y190	1 1/2" x 1" /10 Distance: 100 m	1	2
R551Y191	1 1/2" x 1" /11 Distance: 100 m	1	2
R551Y192	1 1/2" x 1" /12 Distance: 100 m	1	-
R551Y162	2" x 1" /2 Distance: 100 mm	1	4
R551Y163	2" x 1" /3 Distance: 100 mm	1	4
R551Y164	2" x 1" /4 Distance: 100 mm	1	2
R551Y165	2" x 1" /5 Distance: 100 mm	1	2
R551Y166	2" x 1" /6 Distance: 100 mm	1	2

R582A

PRODUCT CODE	SIZE	▢	⊞
R582AY002	1 1/4" x 3/4" /2	1	20
R582AY003	1 1/4" x 3/4" /3	1	10
R582AY004	1 1/4" x 3/4" /4	1	10
R582AY005	1 1/4" x 3/4" /5	1	5
R582AY006	1 1/4" x 3/4" /6	1	5

Distribution manifold with female threaded outlets.
Outlets center distance: 100 mm.
Temperature range: 5÷110 °C
Max. working pressure: 16 bar

R551S

BASE 18

PRODUCT CODE	SIZE	⬜	⊞
R551SY002	3/4" x 18 /2	1	16
R551SY003	3/4" x 18 /3	1	15
R551SY004	3/4" x 18 /4	1	7
R551SY005	3/4" x 18 /5	1	8
R551SY006	3/4" x 18 /6	1	6
R551SY007	3/4" x 18 /7	1	10
R551SY008	3/4" x 18 /8	1	10
R551SY009	3/4" x 18 /9	1	10
R551SY010	3/4" x 18 /10	1	10
R551SY011	3/4" x 18 /11	1	10
R551SY022	1" x 18 /2	1	12
R551SY023	1" x 18 /3	1	10
R551SY024	1" x 18 /4	1	5
R551SY025	1" x 18 /5	1	5
R551SY026	1" x 18 /6	1	5
R551SY027	1" x 18 /7	1	8
R551SY028	1" x 18 /8	1	6
R551SY029	1" x 18 /9	1	8
R551SY030	1" x 18 /10	1	6
R551SY031	1" x 18 /11	1	7
R551SY032	1" x 18 /12	1	7
R551SY042	1 1/4" x 18 /2	1	8
R551SY043	1 1/4" x 18 /3	1	4
R551SY044	1 1/4" x 18 /4	1	4
R551SY045	1 1/4" x 18 /5	1	4
R551SY046	1 1/4" x 18 /6	1	3
R551SY047	1 1/4" x 18 /7	1	5
R551SY048	1 1/4" x 18 /8	1	5
R551SY049	1 1/4" x 18 /9	1	5
R551SY050	1 1/4" x 18 /10	1	6
R551SY051	1 1/4" x 18 /11	1	5
R551SY052	1 1/4" x 18 /12	1	5

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Distribution manifold with outlets with base or Eurocone adaptor connections.
Outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 16 bar

EUROCONE CONNECTION

PRODUCT CODE	SIZE	⬜	⊞
R551SY062	1" x 3/4"Eurocone /2	1	30
R551SY063	1" x 3/4"Eurocone /3	1	20
R551SY064	1" x 3/4"Eurocone /4	1	20
R551SY065	1" x 3/4"Eurocone /5	1	20
R551SY066	1" x 3/4"Eurocone /6	1	10
R551SY067	1" x 3/4"Eurocone /7	1	10
R551SY068	1" x 3/4"Eurocone /8	1	10
R551SY069	1" x 3/4"Eurocone /9	1	10
R551SY070	1" x 3/4"Eurocone /10	1	10
R551SY071	1" x 3/4"Eurocone /11	1	10
R551SY082	3/4" x 3/4"Eurocone /2	1	20
R551SY083	3/4" x 3/4"Eurocone /3	1	10
R551SY084	3/4" x 3/4"Eurocone /4	1	20
R551SY085	3/4" x 3/4"Eurocone /5	1	20
R551SY086	3/4" x 3/4"Eurocone /6	1	10
R551SY087	3/4" x 3/4"Eurocone /7	1	10
R551SY088	3/4" x 3/4"Eurocone /8	1	10
R551SY089	3/4" x 3/4"Eurocone /9	1	10

For connection to the pipe use the base 3/4"Eurocone adaptors

R553S

BASE 18

PRODUCT CODE	SIZE	⬜	⊞
R553SY002	1" x 18 /2	1	10
R553SY003	1" x 18 /3	1	10
R553SY004	1" x 18 /4	1	5
R553SY005	1" x 18 /5	1	5
R553SY006	1" x 18 /6	1	5
R553SY007	1" x 18 /7	1	6
R553SY008	1" x 18 /8	1	6
R553SY009	1" x 18 /9	1	6
R553SY010	1" x 18 /10	1	6
R553SY011	1" x 18 /11	1	6
R553SY012	1" x 18 /12	1	6
R553SY022	1 1/4" x 18 /2	1	8
R553SY023	1 1/4" x 18 /3	1	6
R553SY024	1 1/4" x 18 /4	1	3
R553SY025	1 1/4" x 18 /5	1	4
R553SY026	1 1/4" x 18 /6	1	4
R553SY027	1 1/4" x 18 /7	1	5
R553SY028	1 1/4" x 18 /8	1	5
R553SY029	1 1/4" x 18 /9	1	5
R553SY030	1 1/4" x 18 /10	1	5
R553SY031	1 1/4" x 18 /11	1	5
R553SY032	1 1/4" x 18 /12	1	5

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Supply manifold with lockshields, with outlets with base or Eurocone adaptor connections.
Outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ **INFO**

Use key R558 or R558N for the balancing.

EUROCONE CONNECTION

PRODUCT CODE	SIZE	⬜	⊞
R553SY042	1" x 3/4"E /2	1	10
R553SY043	1" x 3/4"E /3	1	10
R553SY044	1" x 3/4"E /4	1	5
R553SY045	1" x 3/4"E /5	1	5
R553SY046	1" x 3/4"E /6	1	5
R553SY047	1" x 3/4"E /7	1	6
R553SY048	1" x 3/4"E /8	1	6
R553SY049	1" x 3/4"E /9	1	6
R553SY050	1" x 3/4"E /10	1	6

For connection to the pipe use the base 3/4"Eurocone adaptors

R553M

PRODUCT CODE	SIZE	⊡	⊞
R553MY002	1" x 18 /2	1	10
R553MY003	1" x 18 /3	1	10
R553MY004	1" x 18 /4	1	10
R553MY005	1" x 18 /5	1	-
R553MY006	1" x 18 /6	1	-
R553MY007	1" x 18 /7	1	-
R553MY008	1" x 18 /8	1	-
R553MY009	1" x 18 /9	1	-
R553MY010	1" x 18 /10	1	-
R553MY011	1" x 18 /11	1	-
R553MY012	1" x 18 /12	1	-
R553MY022	1-1/4" x 18 /2	1	10
R553MY023	1-1/4" x 18 /3	1	10
R553MY024	1-1/4" x 18 /4	1	10
R553MY025	1-1/4" x 18 /5	1	-
R553MY026	1-1/4" x 18 /6	1	-
R553MY027	1-1/4" x 18 /7	1	-
R553MY028	1-1/4" x 18 /8	1	-
R553MY029	1-1/4" x 18 /9	1	-
R553MY030	1-1/4" x 18 /10	1	-
R553MY031	1-1/4" x 18 /11	1	-
R553MY032	1-1/4" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Supply manifold with lockshields and flow meters (scale: 0,5-5 l/min), with outlets with base or Eurocone adaptor connections.
Outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ **INFO**

Use key R558 or R558N for the balancing.
* With flow meters scale 0,4-2,6 l/min.

EUROCONE CONNECTION

PRODUCT CODE	SIZE	⊡	⊞
R553MY042	1" x 3/4"E /2	1	10
R553MY043	1" x 3/4"E /3	1	10
R553MY044	1" x 3/4"E /4	1	10
R553MY045	1" x 3/4"E /5	1	-
R553MY046	1" x 3/4"E /6	1	-
R553MY047	1" x 3/4"E /7	1	-
R553MY048	1" x 3/4"E /8	1	-
R553MY049	1" x 3/4"E /9	1	-
R553MY050	1" x 3/4"E /10	1	-
R553MY051	1" x 3/4"E /11	1	-
R553MY052	1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

R553V

PRODUCT CODE	SIZE	⊡	⊞
R553VY002	1" x 18 /2	1	6
R553VY003	1" x 18 /3	1	6
R553VY004	1" x 18 /4	1	2
R553VY005	1" x 18 /5	1	3
R553VY006	1" x 18 /6	1	3
R553VY007	1" x 18 /7	1	4
R553VY008	1" x 18 /8	1	3
R553VY009	1" x 18 /9	1	4
R553VY010	1" x 18 /10	1	3
R553VY011	1" x 18 /11	1	3
R553VY012	1" x 18 /12	1	4
R553VY022	1 1/4" x 18 /2	1	5
R553VY023	1 1/4" x 18 /3	1	2
R553VY024	1 1/4" x 18 /4	1	2
R553VY025	1 1/4" x 18 /5	1	2
R553VY026	1 1/4" x 18 /6	1	2
R553VY027	1 1/4" x 18 /7	1	3
R553VY028	1 1/4" x 18 /8	1	3
R553VY029	1 1/4" x 18 /9	1	3
R553VY030	1 1/4" x 18 /10	1	3
R553VY031	1 1/4" x 18 /11	1	3
R553VY032	1 1/4" x 18 /12	1	3

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Return manifold with shut-off valves with manual handwheels, with outlets with base or Eurocone adaptor connections. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.
Outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

EUROCONE CONNECTION

PRODUCT CODE	SIZE	⊡	⊞
R553VY042	1" x 3/4"E /2	1	15
R553VY043	1" x 3/4"E /3	1	10
R553VY044	1" x 3/4"E /4	1	10
R553VY045	1" x 3/4"E /5	1	10
R553VY046	1" x 3/4"E /6	1	10
R553VY047	1" x 3/4"E /7	1	5
R553VY048	1" x 3/4"E /8	1	5
R553VY049	1" x 3/4"E /9	1	5
R553VY050	1" x 3/4"E /10	1	5
R553VY051	1" x 3/4"E /11	1	5
R553VY052	1" x 3/4"E /12	1	5

For connection to the pipe use the base 3/4"Eurocone adaptors

VIDEO
DB manifolds

R553FKDB

LOW FLOW VERSION

PRODUCT CODE	SIZE	☐	⊞
R553FKDB102	G 1" x B.18 /2	1	-
R553FKDB103	G 1" x B.18 /3	1	-
R553FKDB104	G 1" x B.18 /4	1	-
R553FKDB105	G 1" x B.18 /5	1	-
R553FKDB106	G 1" x B.18 /6	1	-
R553FKDB107	G 1" x B.18 /7	1	-
R553FKDB108	G 1" x B.18 /8	1	-
R553FKDB109	G 1" x B.18 /9	1	-
R553FKDB110	G 1" x B.18 /10	1	-
R553FKDB111	G 1" x B.18 /11	1	-
R553FKDB112	G 1" x B.18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

HIGH FLOW VERSION

PRODUCT CODE	SIZE	☐	⊞
R553FKDB122	G 1" x B.18 /2	1	-
R553FKDB123	G 1" x B.18 /3	1	-
R553FKDB124	G 1" x B.18 /4	1	-
R553FKDB125	G 1" x B.18 /5	1	-
R553FKDB126	G 1" x B.18 /6	1	-
R553FKDB127	G 1" x B.18 /7	1	-
R553FKDB128	G 1" x B.18 /8	1	-
R553FKDB129	G 1" x B.18 /9	1	-
R553FKDB130	G 1" x B.18 /10	1	-
R553FKDB131	G 1" x B.18 /11	1	-
R553FKDB132	G 1" x B.18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

VIDEO
R553FKDB

Brass manifold for HVAC systems
with dynamic flow balancing and independent
setting for each individual circuit.
Outlets connections for copper, plastic
or multilayer pipe adaptors.
Center distance between the outlets 50 mm.
Temperature range 5÷95 °C.
Max. working pressure 10 bar.
Available in two versions: Low Flow (LF)
e High Flow (HF).
Flow rate setting range for each individual circuit:
20÷160 l/h (LF); 10÷250 l/h (HF).
Working differential pressure range:
20÷60 kPa (LF); 30/40÷150 kPa (HF).
Flow meters: scale 0,4÷2,6l/min (LF);
scale 0,5÷5 l/min (HF).
The kit includes:
- supply manifold with flow meters and lockshields
for fluid shut-off function;
- return manifold with dynamic flow balancing valves
and manual handwheel, pre-arranged for thermo-
electric command via R473/R473M actuators;
- pair of R269T multifunction valves with end plugs;
- R588Z metal brackets;
- R558Y001 key for lockshields shut-off;
-R73PY010 key for presetting.

ⓘ **INFO**

Optional
- R500-1, R500-2: flush-mounting metal cabinets, with
adjustable depth.
- R473, R473M: normally closed thermo-electric actuators
equipped with R453Y002 plastic ring nut.
- R178, R179, R179AM: B.18 adaptors.
Spare parts
- P12ADBX001: Low Flow bonnet with dynamic balancing
(red internal membrane).
- P12ADBX002: High Flow bonnet with dynamic balancing
(black internal membrane).
- P78MY002: flow meter with scale 0,4÷2,6 l/min.
- P78MY001: flow meter with scale 0,5÷5 l/min.
- R453Y002: plastic ring nut for thermo-electric actuators
installation.
- R588ZY001: metal bracket with supports.
- R73PY010: regulation key for presetting.
Manifolds with dynamic flow balancing are equipped with a
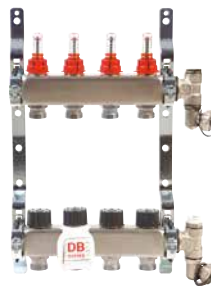data-tag with the "DB series" identification, the flow and Δp
characteristics for both versions of the manifolds: Low Flow and
High Flow.

PARTIAL LOAD

R553FK

⚠ G 120 %

CLOSED CIRCUIT
G 0 %

G 120 %   G 120 %
⚠   ⚠

RADIANT SYSTEM WITH R553FK MANIFOLDS WITHOUT FLOW RATE BALANCING

PARTIAL LOAD

R553FKDB

✓ G 100 %

CLOSED CIRCUIT
G 0 %

G 100 %   G 100 %
✓   ✓

RADIANT SYSTEM WITH R553FKDB DYNAMICALLY-BALANCED MANIFOLDS

Manifolds with dynamic flow balancing are
equipped with a data-tag with the "DB series"
identification, the flow and Δp characteristics for
both versions of the manifolds: Low Flow and
High Flow.

R553FDB

LOW FLOW VERSION

PRODUCT CODE	SIZE	⬚	⊞
R553FDB142	G 1" x 3/4"E /2	1	-
R553FDB143	G 1" x 3/4"E /3	1	-
R553FDB144	G 1" x 3/4"E /4	1	-
R553FDB145	G 1" x 3/4"E /5	1	-
R553FDB146	G 1" x 3/4"E /6	1	-
R553FDB147	G 1" x 3/4"E /7	1	-
R553FDB148	G 1" x 3/4"E /8	1	-
R553FDB149	G 1" x 3/4"E /9	1	-
R553FDB150	G 1" x 3/4"E /10	1	-
R553FDB151	G 1" x 3/4"E /11	1	-
R553FDB152	G 1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

ⓘ **INFO**

Optional
- R500-1, R500-2: flush-mounting metal cabinets, with adjustable depth.
- R473, R473M: normally closed thermo-electric actuators equipped with R453Y002 plastic ring nut.
- R178E, R179E: 3/4"E adaptors.

Spare parts
- P12ADBX001: Low Flow bonnet with dynamic balancing (red internal membrane).
- P78MY002: flow meter with scale 0,4÷2,6 l/min.
- R453Y002: plastic ring nut for thermo-electric actuators installation.
- R588ZY001: metal bracket with supports.
- R73PY010: regulation key for presetting.Manifolds with dynamic flow balancing are equipped with a data-tag with the "DB series" identification, the flow and Δp characteristics.

Brass manifold for HVAC systems with dynamic f
low balancing and independent setting
for each individual circuit.
Outlets connections for copper, plastic
or multilayer pipe adaptors.
Center distance between the outlets 50 mm.
Temperature range 5÷95 °C.
Max. working pressure 10 bar.
Available in the Low Flow (LF) version.
Flow rate setting range for each individual circuit:
20÷160 l/h (LF).
Working differential pressure range: 20÷60 kPa (LF).
Flow meters: scale 0,4÷2,6 l/min (LF).
The kit includes:
- R553F supply manifold with flow meters and
lockshields for fluid shut-off function;
- R553F return manifold with dynamic flow balancing
valves and manual handwheel, pre-arranged for
thermo-electric command via R473/R473M actuators;
- R588Z metal brackets;
- R558Y001 key for lockshields shut-off;
- R73PY010 key for presetting.

R553FSDB

LOW FLOW VERSION

PRODUCT CODE	SIZE	⬚	⊞
R553FSDB142	G 1" x 3/4"E /2	1	-
R553FSDB143	G 1" x 3/4"E /3	1	-
R553FSDB144	G 1" x 3/4"E /4	1	-
R553FSDB145	G 1" x 3/4"E /5	1	-
R553FSDB146	G 1" x 3/4"E /6	1	-
R553FSDB147	G 1" x 3/4"E /7	1	-
R553FSDB148	G 1" x 3/4"E /8	1	-
R553FSDB149	G 1" x 3/4"E /9	1	-
R553FSDB150	G 1" x 3/4"E /10	1	-
R553FSDB151	G 1" x 3/4"E /11	1	-
R553FSDB152	G 1" x 3/4"E /12	1	-

HIGH FLOW VERSION

PRODUCT CODE	SIZE	⬚	⊞
R553FSDB242	G 1" x 3/4"E /2	1	-
R553FSDB243	G 1" x 3/4"E /3	1	-
R553FSDB244	G 1" x 3/4"E /4	1	-
R553FSDB245	G 1" x 3/4"E /5	1	-
R553FSDB246	G 1" x 3/4"E /6	1	-
R553FSDB247	G 1" x 3/4"E /7	1	-
R553FSDB248	G 1" x 3/4"E /8	1	-
R553FSDB249	G 1" x 3/4"E /9	1	-
R553FSDB250	G 1" x 3/4"E /10	1	-
R553FSDB251	G 1" x 3/4"E /11	1	-
R553FSDB252	G 1" x 3/4"E /12	1	-

Manifolds with dynamic flow balancing are equipped with a data-tag with the "DB series" identification, the flow and Δp characteristics for both versions of the manifolds: Low Flow and High Flow.

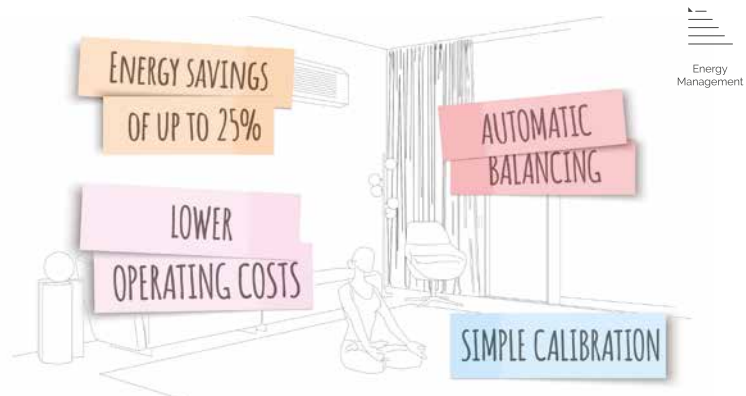▶ VIDEO
R553FSDB

ⓘ **INFO**

Optionals
- R500-1, R500-2: flush-mounting metal cabinets, with adjustable depth.
- R473, R473M: normally closed thermo-electric actuators.
- R453FY002: M30 x 1,5 mm plastic ring nut for installing thermo-electric actuators.
- R178E, R179E: 3/4"E adaptors.

Spare parts
- P12HDBX001: Low Flow bonnet with dynamic balancing (red internal membrane).
- P12HDBX002: High Flow bonnet with dynamic balancing (black internal membrane).
- P78MSX001: flow meter with scale 0÷2,5 l/min.
- P78MSX002: flow meter with scale 0÷5 l/min.
- R588ZY001: metal bracket with supports.
- R73PY010: key for presetting.

Stainless steel manifold for HVAC systems with
dynamic flow balancing and independent setting
for each individual circuit.
Outlets connections for copper, plastic
or multilayer pipe adaptors.
Center distance between the outlets 50 mm.
Temperature range 5÷70 °C.
Max. working pressure 6 bar (10 bar for system
testing).
Available in two versions: Low Flow (LF)
e High Flow (HF).
Flow rate setting range for each individual circuit:
20÷160 l/h (LF); 10÷250 l/h (HF).
Working differential pressure range:
20÷60 kPa (LF); 30/40÷150kPa (HF).
Flow meters: scale 0÷2,5 l/min (LF);
dual scale 0÷5 l/min and 0÷1,5 GPM (HF).
The kit includes:
- supply manifold with flow meters
with fluid shut-off function;
- return manifold with dynamic flow balancing valves
and manual handwheel (M30 x 1,5 mm connection),
pre-arranged for thermo-electric command
via R473/R473M actuators that can be installed
after fitting the relative R453FY002ring nut
(to be ordered separately);
- pair of end pieces with self-sealing complete
with drain cocks, manual air vent valves
and specific R74 key;
- R588Z metal brackets;
- R73PY010 key for presetting.

Manifolds with dynamic flow balancing are equipped with a data-tag with the "DB series" identification, the flow and Δp characteristics for both versions of the manifolds: Low Flow and High Flow.

Manifolds with dynamic
flow balancing are
equipped with a data-
tag with the "DB series"
identification, the flow
and Δp characteristics
for both versions of the
manifolds: Low Flow
and High Flow.

R553FPDB

LOW FLOW VERSION

PRODUCT CODE	SIZE	▫	⊞
R553FPDB342	G 1" x 3/4"E /2	1	-
R553FPDB343	G 1" x 3/4"E /3	1	-
R553FPDB344	G 1" x 3/4"E /4	1	-
R553FPDB345	G 1" x 3/4"E /5	1	-
R553FPDB346	G 1" x 3/4"E /6	1	-
R553FPDB347	G 1" x 3/4"E /7	1	-
R553FPDB348	G 1" x 3/4"E /8	1	-
R553FPDB349	G 1" x 3/4"E /9	1	-
R553FPDB350	G 1" x 3/4"E /10	1	-
R553FPDB351	G 1" x 3/4"E /11	1	-
R553FPDB352	G 1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

HIGH FLOW VERSION

PRODUCT CODE	SIZE	▫	⊞
R553FPDB362	G 1" x 3/4"E /2	1	-
R553FPDB363	G 1" x 3/4"E /3	1	-
R553FPDB364	G 1" x 3/4"E /4	1	-
R553FPDB365	G 1" x 3/4"E /5	1	-
R553FPDB366	G 1" x 3/4"E /6	1	-
R553FPDB367	G 1" x 3/4"E /7	1	-
R553FPDB368	G 1" x 3/4"E /8	1	-
R553FPDB369	G 1" x 3/4"E /9	1	-
R553FPDB370	G 1" x 3/4"E /10	1	-
R553FPDB371	G 1" x 3/4"E /11	1	-
R553FPDB372	G 1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

Manifolds with dynamic flow balancing are equipped with a data-tag with the "DB series" identification, the flow and Δp characteristics for both versions of the manifolds: Low Flow and High Flow.

▶ VIDEO
R553FPDB

ⓘ **INFO**

Spare parts
- R588FPY001: metal bracket with supports.
- R73PY010: key for presetting.
- R453FY002: plastic ring nut M30 x 1,5 mm for installing the thermo-electric actuators.
- P553FPY017: delivery module with flow meter with scale 0÷2,5 l/min and 3/4"E outlet.
- P553FPY011: delivery module with flow meter with double scale 0÷5 l/min and 0÷1,5 GPM and 3/4"E outlet.
- P553FPDB011: return module with dynamic Low Flow balancing bonnet and 3/4"E outlet.
- P553FPDB012: return module with dynamic High Flow balancing bonnet and 3/4"E outlet.
- P553FPY005: cap module.
- P553FPY006: inlet module (without nut).
- P553FPDB030: kit composed of delivery module with flow meter with scale 0÷2,5 l/min + return module with dynamic Low Flow balancing bonnet and 3/4"E outlets. - P553FPDB031: kit composed of delivery module with flow meter with double scale 0÷5 l/min and 0÷1,5 GPM + return module with dynamic High Flow balancing bonnet and 3/4"E outlets. - P583Y004: nut and gasket for inlet module.

Technopolymer preassembled modular manifold for HVAC systems, with dynamic flow balancing and independent setting for each individual circuit. Outlets with Eurocone adaptor connections. Center distance between the outlets 50 mm. Temperature range: 5÷60 °C. Max. working pressure: 6 bar. Available in two versions: Low Flow (LF) e High Flow (HF). Flow rate setting range for each individual circuit: 20÷160 l/h (LF); 10÷250 l/h (HF). Working differential pressure range: 20÷60 kPa (LF); 30/40÷150 kPa (HF). Flow meters: scale 0÷2,5 l/min (LF); dual scale 0÷5 l/min and 0÷1,5 GPM (HF). The kit includes:
- supply manifold with flow meters and lockshields for fluid shut-off function;
- return manifold with shut-off valves with manual handwheel (connection M30 x 1,5 mm), pre-arranged for thermo-electric command via R473/R473M actuators that can be installed after fitting the relative ring nut R453FY002 (included with the kit) on the module, eccentric fittings to allow easy installation both with piping entry from the left and from the right;
- pair ofR269T multifunction valves (supply and return);
- R588FP brackets;
- R73PY010 key for presetting.

Optionals
- R500-1, R500-2: flush-mounting metal cabinets, with adjustable depth.
- R473, R473M: normally closed thermo-electric actuators.
- R73FPY001: pair of spanners for removing the manifold modules.
- R178E, R179E: 3/4"E adaptors.

Manifolds with dynamic flow balancing are equipped with a data-tag with the "DB series" identification, the flow and Δp characteristics for both versions of the manifolds: Low Flow and High Flow.

Less energy is needed when everything is in balance.

Pre-assembled **DB** manifolds with integrated dynamic balancing.

ENERGY SAVINGS OF UP TO 25%

LOWER OPERATING COSTS

AUTOMATIC BALANCING

SIMPLE CALIBRATION

Energy Management

GIACOMINI
WATER E-MOTION

PATENTED Automatic flow-rate balancing. The integrated cartridge adjusts and limits flow rate to the preset values, balancing all the circuits in the system.

PATENTED
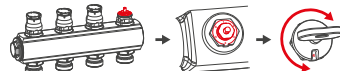
⊙ Preassembled manifolds for heating systems

R553D

BASE 18

PRODUCT CODE	SIZE	⊡	⊞
R553ZY002	1" x 18 /2	1	-
R553ZY003	1" x 18 /3	1	-
R553ZY004	1" x 18 /4	1	-
R553ZY005	1" x 18 /5	1	-
R553ZY006	1" x 18 /6	1	-
R553ZY007	1" x 18 /7	1	-
R553ZY008	1" x 18 /8	1	-
R553ZY009	1" x 18 /9	1	-
R553ZY010	1" x 18 /10	1	-
R553ZY011	1" x 18 /11	1	-
R553ZY012	1" x 18 /12	1	-
R553ZY022	1 1/4" x 18 /2	1	-
R553ZY023	1 1/4" x 18 /3	1	-
R553ZY024	1 1/4" x 18 /4	1	-
R553ZY025	1 1/4" x 18 /5	1	-
R553ZY026	1 1/4" x 18 /6	1	-
R553ZY027	1 1/4" x 18 /7	1	-
R553ZY028	1 1/4" x 18 /8	1	-
R553ZY029	1 1/4" x 18 /9	1	-
R553ZY030	1 1/4" x 18 /10	1	-
R553ZY031	1 1/4" x 18 /11	1	-
R553ZY032	1 1/4" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

EUROCONE CONNECTION

PRODUCT CODE	SIZE	⊡	⊞
R553ZY042	1" x 3/4"E /2	1	-
R553ZY043	1" x 3/4"E /3	1	-
R553ZY044	1" x 3/4"E /4	1	-
R553ZY045	1" x 3/4"E /5	1	-
R553ZY046	1" x 3/4"E /6	1	-
R553ZY047	1" x 3/4"E /7	1	-
R553ZY048	1" x 3/4"E /8	1	-
R553ZY049	1" x 3/4"E /9	1	-
R553ZY050	1" x 3/4"E /10	1	-
R553ZY051	1" x 3/4"E /11	1	-
R553ZY052	1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

Preassembled manifold for HVAC systems.
Composed of:
- 1 supply manifold with lockshields.
- 1 return manifold with shut-off valves
with manual handwheels.
- Metallic brackets.
- Labels to identify circuits.
Optionally is possible to replace the handwheels
with R478, R478M, R473, R473M
thermo-electric actuators.
Outlets with base or Eurocone adaptor
connections.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ **INFO**

Use key R558 (included) or R558N for the balancing.
Manifold with reduced brackets R588Z, for mounting
inside the R500-2 cabinets.

R553F

BASE 18

PRODUCT CODE	SIZE	⊡	⊞
R553FZY002	1" x 18 /2	1	-
R553FZY003	1" x 18 /3	1	-
R553FZY004	1" x 18 /4	1	-
R553FZY005	1" x 18 /5	1	-
R553FZY006	1" x 18 /6	1	-
R553FZY007	1" x 18 /7	1	-
R553FZY008	1" x 18 /8	1	-
R553FZY009	1" x 18 /9	1	-
R553FZY010	1" x 18 /10	1	-
R553FZY011	1" x 18 /11	1	-
R553FZY012	1" x 18 /12	1	-
R553FZY022	1 1/4" x 18 /2	1	-
R553FZY023	1 1/4" x 18 /3	1	-
R553FZY024	1 1/4" x 18 /4	1	-
R553FZY025	1 1/4" x 18 /5	1	-
R553FZY026	1 1/4" x 18 /6	1	-
R553FZY027	1 1/4" x 18 /7	1	-
R553FZY028	1 1/4" x 18 /8	1	-
R553FZY029	1 1/4" x 18 /9	1	-
R553FZY030	1 1/4" x 18 /10	1	-
R553FZY031	1 1/4" x 18 /11	1	-
R553FZY032	1 1/4" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

EUROCONE CONNECTION

PRODUCT CODE	SIZE	⊡	⊞
R553FZY042	1" x 3/4"E /2	1	-
R553FZY043	1" x 3/4"E /3	1	-
R553FZY044	1" x 3/4"E /4	1	-
R553FZY045	1" x 3/4"E /5	1	-
R553FZY046	1" x 3/4"E /6	1	-
R553FZY047	1" x 3/4"E /7	1	-
R553FZY048	1" x 3/4"E /8	1	-
R553FZY049	1" x 3/4"E /9	1	-
R553FZY050	1" x 3/4"E /10	1	-
R553FZY051	1" x 3/4"E /11	1	-
R553FZY052	1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

Preassembled manifold for HVAC systems.
Composed of:
- 1 supply manifold with lockshields
and flow meters (scale 0,5-5 l/min).
- 1 return manifold with shut-off valves
with manual handwheels.
- Metal brackets.
- Labels to identify circuits.
Optionally is possible to replace the handwheels
with R478, R478M, R473, R473M
thermo-electric actuators.
Outlets with base or Eurocone adaptor
connections.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ **INFO**

Use key R558 (included) or R558N for the balancing.
Manifolds with R588Z reduced brackets, to allow
installation within the R500-2cabinets.

R553KI

PRODUCT CODE	SIZE	⬜	⊞
R553KY086	1 1/2" x 22 /6	1	-
R553KY087	1 1/2" x 22 /7	1	-
R553KY088	1 1/2" x 22 /8	1	-

Preassembled manifold for HVAC systems,
for industrial plants. The kit includes:
1 supply manifold with outlets with T-handle
ball valves
- 1 return manifold with outlets with lockshields
- Ball valves with lever handle
and thermometers upstream the manifolds
- Self-sealing end piece with automatic
air vent and drain cock
- Outlets center distance: 80 mm.
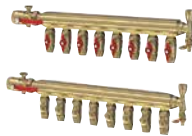
ⓘ **INFO**

To fix the manifold
to the wall use the
metallic brackets
included with the
R501 cabinet or the
R588P supports.

R553FP

PRODUCT CODE	SIZE	⬜	⊞
R553FP302	G 1" x 3/4"E /2	1	-
R553FP303	G 1" x 3/4"E /3	1	-
R553FP304	G 1" x 3/4"E /4	1	-
R553FP305	G 1" x 3/4"E /5	1	-
R553FP306	G 1" x 3/4"E /6	1	-
R553FP307	G 1" x 3/4"E /7	1	-
R553FP308	G 1" x 3/4"E /8	1	-
R553FP309	G 1" x 3/4"E /9	1	-
R553FP310	G 1" x 3/4"E /10	1	-
R553FP311	G 1" x 3/4"E /11	1	-
R553FP312	G 1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

Preassembled technopolymer modular
manifold for HVAC systems.
The kit includes:
- supply manifold with flow meters (dual scale:
0÷5l/min and 0÷1,5 GPM)
with fluid adjustment/shut-off function;
- 1 return manifold with shut-off valves with
manual handwheel (connection M30 x 1,5 mm),
pre-arranged for thermo-electric command via
R473/R473M actuators that can be installed
after fitting the relative ring nut R453FY002
(included with the kit) on the module, eccentric
fittings to allow easy installation both with
piping entry from the left and from the right;
- 2 multi-function valves R269T (supply and
return);
- brackets R588FP.
Outlets with Eurocone adaptor connections.
Temperature range: 5÷60 °C
Max. working pressure: 6 bar

Optionals
- R500-1, R500-2:
flush-mounting
metal cabinets, with
adjustable depth.
- R473, R473M:
normally closed
thermo-electric
actuators.
- R73FPY001:
pair of spanners
for removing the
manifold modules.
- R178E, R179E: 3/4"E
adaptors.

ⓘ **INFO**

Spare parts
- R588FPY001: metal bracket with supports.
- R453FY002: plastic ring nut M30 x 1,5 mm for installing
the thermo-electric actuators.
- P553FPY011: delivery module with flow meter
with double scale 0÷5 l/min and 0÷1,5 GPM and 3/4"E outlet.
- P553FPY012: return module with valve and 3/4"E outlet.
- P553FPY005: cap module.
- P553FPY006: inlet module (without nut).
- P553FPDB030: kit composed of delivery module + return module
with 3/4"E outlets.
- P583Y004: nut and gasket for inlet module.

R553DK

FOR CABINETS R500-2, DEPTH 85-130 MM

PRODUCT CODE	SIZE	⬜	⊞
R553DK102	1" x 18 /2	1	-
R553DK103	1" x 18 /3	1	-
R553DK104	1" x 18 /4	1	-
R553DK105	1" x 18 /5	1	-
R553DK106	1" x 18 /6	1	-
R553DK107	1" x 18 /7	1	-
R553DK108	1" x 18 /8	1	-
R553DK109	1" x 18 /9	1	-
R553DK110	1" x 18 /10	1	-
R553DK111	1" x 18 /11	1	-
R553DK112	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM
adaptors

Preassembled manifold for HVAC systems.
The kit includes:
- R553D manifold.
- R269T multifunction valves.
Optionally is possible to replace the handwheels
with R478, R478M, R473, R473M thermo-electric
actuators.
Outlets with base or Eurocone adaptor
connections.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ **INFO**

Use key R558 (included) or R558N for the balancing.

R553FK

FOR CABINETS R500-2, DEPTH 85-130 MM

PRODUCT CODE	SIZE	⬜	⊞
R553FK102	1" x 18 /2	1	-
R553FK103	1" x 18 /3	1	-
R553FK104	1" x 18 /4	1	-
R553FK105	1" x 18 /5	1	-
R553FK106	1" x 18 /6	1	-
R553FK107	1" x 18 /7	1	-
R553FK108	1" x 18 /8	1	-
R553FK109	1" x 18 /9	1	-
R553FK110	1" x 18 /10	1	-
R553FK111	1" x 18 /11	1	-
R553FK112	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM
adaptors

Preassembled manifold for HVAC systems.
The kit includes:
- R553F manifold with flow meters (scale 0,5-5
l/min).
- R269T multifunction valves.
Optionally is possible to replace the handwheels
with R478, R478M, R473, R473M thermo-electric
actuators.
Outlets with base or Eurocone adaptor
connections.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ **INFO**

Use key R558 (included) or R558N for the balancing.

R553DS

PRODUCT CODE	SIZE	⊡	⊞
R553DSX042	G 1" x 3/4"E /2	1	-
R553DSX043	G 1" x 3/4"E /3	1	-
R553DSX044	G 1" x 3/4"E /4	1	-
R553DSX045	G 1" x 3/4"E /5	1	-
R553DSX046	G 1" x 3/4"E /6	1	-
R553DSX047	G 1" x 3/4"E /7	1	-
R553DSX048	G 1" x 3/4"E /8	1	-
R553DSX049	G 1" x 3/4"E /9	1	-
R553DSX050	G 1" x 3/4"E /10	1	-
R553DSX051	G 1" x 3/4"E /11	1	-
R553DSX052	G 1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors
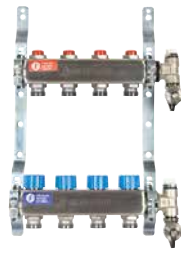
Preassembled stainless steel manifold for HVAC systems. The kit includes:
- supply manifold with lockshields;
- return manifold with shut-off valves and manual handwheel (M30 x 1,5 mm connection), pre-arranged for thermo-electric command via R473/R473M actuators that can be installed after fitting the relative ring nut R453FY002 (to be ordered separately);
- pair of end pieces with self-sealing complete with drain cocks, manual air vent valves and specific R74 key;
- metal brackets.
Outlets with Eurocone adaptor connections.
Center distance between the outlets 50 mm.
Temperature range 5÷70 °C.
Max. working pressure 6 bar
(10 bar for system testing).

ⓘ **INFO**

Optionals
- R500-1, R500-2: flush-mounting metal cabinets, with adjustable depth.
- R473, R473M: normally closed thermo-electric actuators.
- R453FY002: plastic ring nut M30 x 1,5 mm for installing the thermo-electric actuators.
- R178E, R179E: 3/4"E adaptors.

R553FS

PRODUCT CODE	SIZE	⊡	⊞
R553FSX242	G 1" x 3/4"E /2	1	-
R553FSX243	G 1" x 3/4"E /3	1	-
R553FSX244	G 1" x 3/4"E /4	1	-
R553FSX245	G 1" x 3/4"E /5	1	-
R553FSX246	G 1" x 3/4"E /6	1	-
R553FSX247	G 1" x 3/4"E /7	1	-
R553FSX248	G 1" x 3/4"E /8	1	-
R553FSX249	G 1" x 3/4"E /9	1	-
R553FSX250	G 1" x 3/4"E /10	1	-
R553FSX251	G 1" x 3/4"E /11	1	-
R553FSX252	G 1" x 3/4"E /12	1	-

For connection to the pipe use the base 3/4"Eurocone adaptors

Preassembled stainless steel manifold for HVAC systems. The kit includes:
- supply manifold with flow meters (dual scale: 0÷5 l/mine 0÷1,5 GPM) with fluid adjustment/shut-off function;
- return manifold with shut-off valves and manual handwheel (M30 x 1,5 mm connection), pre-arranged for thermo-electric command via R473/R473M actuators that can be installed after fitting the relative ring nutR453FY002 (to be ordered separately);
- pair of end pieces with self-sealing complete with drain cocks, manual air vent valves and specific R74 key;
- metal brackets.
Outlets with Eurocone adaptor connections.
Center distance between the outlets 50 mm.
Temperature range 5÷70 °C.
Max. working pressure 6 bar
(10 bar for system testing).

ⓘ **INFO**

Optionals
- R500-1, R500-2: flush-mounting metal cabinets, with adjustable depth.
- R473, R473M: normally closed thermo-electric actuators.
- R453FY002: plastic ring nut M30 x 1,5 mm for installing the thermo-electric actuators.
- R178E, R179E: 3/4"E adaptors.

❯ Modular manifolds for heating systems

R583S

PRODUCT CODE	SIZE	⊡	⊞
R583SY112	G 1" x 3/4"E /2	1	10
R583SY113	G 1" x 3/4"E /3	1	10
R583SY114	G 1" x 3/4"E /4	1	8

For connection to the pipe use the base 3/4"Eurocone adaptors

Supply modular manifold with lockshields, for HVAC systems.
Outlets with Eurocone adaptor connections.
Center distance between the outlets 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ **INFO**

Optional
- R500-1: metal cabinet for flush-mount installation, 110÷120 mm adjustable depth
- R500-2: metal cabinet for flush-mount installation, 85÷130 mm adjustable depth
- P583Y001: metal support with plastic clip
- R859: chrome plated brass shut-off ball valve with female-male tail piece
- R554B-1: manifold end piece, female thread, with automatic air vent valve and drain cock
- R554C-1: manifold end piece, female thread, with manual air vent valve and drain cock
- R473: normally-closed thermo-electric actuator, 2-conductor wire, IP40, 2,5 W
- R473M: normally-closed thermo-electric actuator, 4-conductor wire, with stroke-end microswitch, IP40, 2,5 W
- R473E: normally-closed thermo-electric actuator, 2-conductor wire, IP54, 1 W

R583M

PRODUCT CODE	SIZE	⊡	⊞
R583MY112	G 1" x 3/4"E /2	1	10
R583MY113	G 1" x 3/4"E /3	1	10
R583MY114	G 1" x 3/4"E /4	1	6

For connection to the pipe use the base 3/4"Eurocone adaptors

Supply modular manifold with flow meters (dual scale 0÷5 l/min and 0÷1,5 GPM) and lockshields, for HVAC systems.
Outlets with Eurocone adaptor connections.
Center distance between the outlets 50 mm.
Temperature range: 5÷70 °C
Max. working pressure: 6 bar
(10 bar for system testing)

ⓘ **INFO**

Optional
- R500-1: metal cabinet for flush-mount installation, 110÷120 mm adjustable depth
- R500-2: metal cabinet for flush-mount installation, 85÷130 mm adjustable depth
- P583Y001: metal support with plastic clip
- R859: chrome plated brass shut-off ball valve with female-male tail piece
- R554B-1: manifold end piece, female thread, with automatic air vent valve and drain cock
- R554C-1: manifold end piece, female thread, with manual air vent valve and drain cock
- R473: normally-closed thermo-electric actuator, 2-conductor wire, IP40, 2,5 W
- R473M: normally-closed thermo-electric actuator, 4-conductor wire, with stroke-end microswitch, IP40, 2,5 W
- R473E: normally-closed thermo-electric actuator, 2-conductor wire, IP54, 1 W

R583V

PRODUCT CODE	SIZE	⬚	⊞
R583VY112	G 1" x 3/4"E /2	1	10
R583VY113	G 1" x 3/4"E /3	1	10
R583VY114	G 1" x 3/4"E /4	1	8

For connection to the pipe use the base 3/4"Eurocone adaptors

Return modular manifold with shut-off valves with manual handwheels, for HVAC systems. Outlets with Eurocone adaptor connections. Center distance between the outlets 50 mm. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ**INFO**
Optional
- R500-1: metal cabinet for flush-mount installation, 110÷120 mm adjustable depth
- R500-2: metal cabinet for flush-mount installation, 85÷130 mm adjustable depth
- P583Y001: metal support with plastic clip
- R859: chrome plated brass shut-off ball valve with female-male tail piece
- R554B-1: manifold end piece, female thread, with automatic air vent valve and drain cock
- R554C-1: manifold end piece, female thread, with manual air vent valve and drain cock
- R473: normally-closed thermo-electric actuator, 2-conductor wire, IP40, 2,5 W
- R473M: normally-closed thermo-electric actuator, 4-conductor wire, with stroke-end microswitch, IP40, 2,5 W
- R473E: normally-closed thermo-electric actuator, 2-conductor wire, IP54, 1 W

R53SM

PRODUCT CODE	SIZE	⬚	⊞
R53SMY006	DN32 x 18	1	20
R53SMY106	DN32 x 3/4"Eurocone	1	20

For connection to the pipe use the base 18 or 3/4"Eurocone adaptors

Modular manifold with lockshield, with quick connection, with outlets with base or Eurocone adaptor connections.
DN32: outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ**INFO**
Use key R558 or R558N for the balancing.

R53ST

PRODUCT CODE	SIZE	⬚	⊞
R53STY006	DN32 x 1" x 18	1	20
R53STY007	DN32 x 1 1/4" x 18	1	20
R53STY106	DN32 x 1" x 3/4"Eurocone	1	20
R53STY107	DN32 x 1 1/4" x 3/4"Eurocone	1	20

For connection to the pipe use the base 18 or 3/4"Eurocone adaptors

Start and end module of modular manifolds with lockshields, with quick connections, with outlets with base or Eurocone adaptor connections.
DN32: outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ**INFO**
Use key R558 or R558N for the balancing.

R53MM

PRODUCT CODE	SIZE	⬚	⊞
R53MMY006	DN32 x 18	1	20
R53MMY106	DN32 x 3/4"Eurocone	1	20

For connection to the pipe use the base 18 or 3/4"Eurocone adaptors

Modular manifolds with lockshield and flow meter (scale 0,5-5 l/min), with quick connection, with outlets with base or Eurocone adaptor connections.
DN32: outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

ⓘ**INFO**
Use key R558 or R558N for the balancing.

R53VM

PRODUCT CODE	SIZE	⬚	⊞
R53VMY006	DN32 x 18	1	20
R53VMY106	DN32 x 3/4"Eurocone	1	20

For connection to the pipe use the base 18 or 3/4"Eurocone adaptors

Modular manifold with shut-off valves with manual handwheel, with quick connection, with outlets with base or Eurocone adaptor connections. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.
DN32: outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

R53MT

PRODUCT CODE	SIZE	⬚	⊞
R53MTY006	DN32 x 1" x 18	1	20
R53MTY007	DN32 x 1 1/4" x 18	1	20
R53MTY106	DN32 x 1" x 3/4"Eurocone	1	20
R53MTY107	DN32 x 1 1/4" x 3/4"Eurocone	1	20

For connection to the pipe use the base 18 or 3/4"Eurocone adaptors

Start and end module of modular manifolds with lockshield and flow meter (scale 0,5-5 l/min), with quick connection, with outlets with base or Eurocone adaptor connections.
DN32: outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10bar

ⓘ**INFO**
Use key R558 or R558N for the balancing.

R53VT

PRODUCT CODE	SIZE	⬚	⊞
R53VTY006	DN32 x 1" x 18	1	20
R53VTY007	DN32 x 1 1/4" x 18	1	20
R53VTY106	DN32 x 1" x 3/4"Eurocone	1	20
R53VTY107	DN32 x 1 1/4" x 3/4"Eurocone	1	20

For connection to the pipe use the base 18 or 3/4"Eurocone adaptors

Start and end module of modular manifolds with shut-off valves with manual handwheels, with quick connections, with outlets with base or Eurocone adaptor connections. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.
DN32: outlets center distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

◆ Components for manifolds for heating systems

R279FC

PRODUCT CODE	SIZE	◱	⊞
R279FCY005	G 1"F x G 1"M	1	-

ℹ INFO
Completion codes
- K270: actuator for diverting valve (24 V o 230 V)
- R553FK: brass preassembled manifold kit,
with multifunction valves and flow meters
- R553DK: brass preassembled manifold kit,
with multifunction valves and lockshields
- R553FKDB: brass preassembled manifold kit,
 with flow-rate dynamic balancing,
multifunction valves and flow meters
- R553F: preassembled manifold kit with flow meters
- R553D: preassembled manifold kit with lockshields
- R500-1: metal cabinet for flush-mount installation
with 110÷120 mm adjustable depth
- R500-2: metal cabinet for flush-mount installation
with 85÷130 mm adjustable depth
- R545Y004: brass Y fitting, with G 3/4"F flat seat nut
and two 3/4"E outlets with center distance 40 mm;
equipped with R483Y001 (3/4"E x flat seat) adaptor
for nut and EPDM self-sealing; useful for connecting
two outlets of the fan coil manifold, to supply water
for fan coils with flow rates greater than 300 l/h

Diverting valve kit for installation in radiant panel and fan coil systems. It diverts the primary flow from the boiler room to the radiant panel or fan coil system based on the season and type of operation (heating or cooling). The kit includes an R279D diverting valve on the supply circuit, a Tee fitting on the return circuit, two manifold end pieces with manual air vent valve and insulation shell. The kit can be completed with an actuator for the diverting valve, manifolds preassembled on brackets for the radiant panel system and the fan coil system, multifunction valves including drain cock, shut-off valve and automatic air vent valve.

R279FC WITH MANIFOLDS AND COMPLETION ACCESSORIES ASSEMBLED
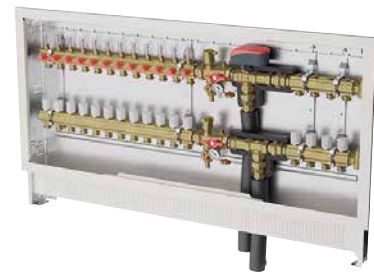
R269T

PRODUCT CODE	SIZE	◱	⊞
R269TY035	G 1"F x G 1"M	1	5
R269TY036	G 1-1/4"F x G 1-1/4"M	1	5

Pair of multifunction valves (supply and return) for distribution manifolds.
Possibility of reversible installation at the inlet of the manifold, with fluid supply both from the left and from the right.
Complete of:
- shut-off ball valves with red and blue T-handles;
- flat seat tail pieces with self-sealing;
- automatic air vent valves;
- drain cocks;
- contact thermometers Ø40 mm, scale 0÷120 °C;
- inlet for immersion temperature probe Ø6 mm;
- end plugs for manifolds.

R554A

PRODUCT CODE	SIZE	◱	⊞
R554AY001	G 1"M x G 3/4"M	1	25

Brass intermediate piece for manifolds, with self-sealing.
Completed with:
- Automatic air vent valve.
- Drain/filling cock with hose connection.

R554B

PRODUCT CODE	SIZE	◱	⊞
R554BY004	G 3/4"M	1	25
R554BY005	G 1"M	1	25
R554BY006	G 1-1/4"M	1	25

Brass end piece for manifolds, with self-sealing.
Completed with:
- Automatic air vent valve.
- Drain/filling cock with hose connection.

R554B-1

PRODUCT CODE	SIZE	◱	⊞
R554BY055	G 1"F	1	30

Brass end piece specific for R583S, R583M, R583V manifolds.
Completed with:
- Automatic air vent valve.
- Drain/filling cock.

R554C

PRODUCT CODE	SIZE	◱	⊞
R554CY004	G 3/4"M	1	25
R554CY005	G 1"M	1	25
R554CY006	G 1-1/4"M	1	25

Brass end piece for manifolds.
Completed with:
- Manual air vent valve.
- Drain/filling cock with hose connection.

R554C-1

PRODUCT CODE	SIZE	⬚	⊞
R554CY055	G 1"F	1	30

Brass end piece specific for R583S, R583M, R583V manifolds.
Completed with:
- Manual air vent valve.
- Drain/filling cock.

R554D

PRODUCT CODE	SIZE	⬚	⊞
R554DY005	G 1"M	1	15
R554DY006	G 1-1/4"M	1	15

Brass intermediate piece for manifolds, with self-sealing.
Completed with:
- Automatic air vent valve.
- Thermometer.
- Drain/filling cock with hose connection.
- Plug with self-sealing.

R554I

PRODUCT CODE	SIZE	⬚	⊞
R554IY004	G 3/4"M	1	20
R554IY005	G 1"M	1	20
R554IY035	G 1"M - Hygroscopic cap	1	20

Brass compact end piece for manifolds, with self-sealing.
Completed with:
- Automatic air vent valve.
- Hose connection for drain/filling the system.

R545

PRODUCT CODE	SIZE	⬚	⊞
R545Y004	G 3/4"F x 3/4"E /Cen.dist. 40 mm	1	50

Brass Y-fitting with G 3/4"F flat seat nut and two 3/4"E connections with 40 mm center distance. Equipped with adaptor R483Y001 (3/4"E x flat seat) for nut and EPDM gasket.

R590D

PRODUCT CODE	SIZE	⬚	⊞
R590DY005	1" x 1/2" x 3/8"	10	100
R590DY006	1 1/4" x 1/2" x 3/8"	10	100

Manifold end piece with probe connection and self-sealing.

R591D

BRASS FINISH

PRODUCT CODE	SIZE	⬚	⊞
R591DY004	3/4" x 1/2" x 3/8"	10	100
R591DY005	1" x 1/2" x 3/8"	10	100
R591DY006	1 1/4" x 1/2" x 3/8"	10	100
R591DX015	1"M x 1/2F x 1/2"F	10	100

Manifold end piece, with self-sealing.

R591F

PRODUCT CODE	SIZE	⬚	⊞
R591FY005	1" x 1/2" x 1/2"	10	100

Manifold end piece.

R580I

PRODUCT CODE	SIZE	⬚	⊞
R580IY004	3/4" x 16 x 3/4"	5	50
R580IY005	1" x 16 x 1"	5	50

Female-female threaded fitting, made of brass. Connections for copper, plastic or multilayer pipe adaptor.

R592D

BRASS FINISH

PRODUCT CODE	SIZE	⬚	⊞
R592DY004	3/4"	50	500
R592DY005	1"	25	250
R592DY006	1 1/4"	20	200

CHROME PLATED

PRODUCT CODE	SIZE	⬚	⊞
R592DX005	1"	25	250
R592DX006	1 1/4"	20	200
R592DX007	1 1/2"	5	50

Plug for manifolds, with self-sealing.

R593D

PRODUCT CODE	SIZE	⬚	⊞
R593DY001	3/4"M x 3/8"F	50	500
R593DY002	3/4"M x 1/2"F	25	250
R593DY003	1"M x 3/8"F	25	250
R593DY004	1"M x 1/2"F	25	250
R593DY005	1"M x 3/4"F	25	250
R593DY006	1 1/4"M x 1/2"F	20	200
R593DY007	1 1/4"M x 3/4"F	10	100
R593DY008	1 1/4"M x 1"F	10	100

Reducer male-female threaded, with self-sealing.

R93

PRODUCT CODE	SIZE	⬚	⊞
R93Y003	3/4"M x 1/2"F	20	200
R93Y005	1/2"M x 1/4"F	25	500
R93Y006	1/2"M x 3/8"F	25	250
R93Y010	1"M x 1/2"F	20	200
R93Y011	1"M x 3/4"F	25	250
R93Y012	1 1/4"M x 1/2"F	10	100
R93Y014	1 1/4"M x 1"F	20	200
R93Y018	1 1/2"M x 1 1/4"F	5	50

Reducer fitting, brass finish, male-female threaded.

R594

PRODUCT CODE	SIZE	⬚	⊞
R594Y001	1/2" for 12 mm	50	500
R594Y002	24/19 for 16 mm	25	250
R594Y003	26/19 for 18 mm	25	250
R594Y004	1"	25	250
R594Y005	3/4"	50	500

Cap for manifolds.

R551W

PRODUCT CODE	SIZE	⬚	⊞
R551WY005	For 3/4" R551 - Distance 50 mm	1	-
R551WY006	For 1 1/4" R551 - Distance 70 mm	1	-
R551WY007	For 11/2" R551 - Distance 100 mm	1	-
R551WY008	For 2" R551 - Distance 100 mm	1	-
R551WY009	For 1" R551 - Distance 50 mm	1	-

Insulation cover for manifold R551
(size 1-1/2" - 2").

R553W

PRODUCT CODE	SIZE	⬚	⊞
R553WY002	For 1" R553F, R53MT+R53VT	1	-
R553WY004	For 1" R553D, R53ST+R53VT	1	-
R553WY006	For 1 1/4" R553F, R53MT+R53VT	1	-
R553WY008	For 1 1/4" R553D, R53MT+R53VT	1	-

FOR R269T

PRODUCT CODE	SIZE	⬚	⊞
R553WY012	For 1" R553F, R53MT+R53VT	1	-
R553WY014	For 1" R553D, R53ST+R53VT	1	-
R553WY016	For 1 1/4" R553F, R53MT+R53VT	1	-
R553WY018	For 1 1/4" R553D, R53MT+R53VT	1	-

Insulation covers set for R554D unit
and end caps.
R553WY002:
for R554D 1" + caps with R553F manifolds
R553WY004:
for R554D 1" + caps with R553D manifolds
R553WY006:
for R554D 1-1/4" + caps with R553F manifolds
R553WY008:
for R554D 1-1/4" + caps with R553D manifolds

R553W-2

PRODUCT CODE	SIZE	⬚	⊞
R553WY001	For 1" R553F	1	-
R553WY003	For 1" R553D	1	-
R553WY005	For 1 1/4" R553F	1	-
R553WY007	For 1 1/4" R553D	1	-

Insulation cover set for R553D, R553F manifolds.
R553WY001: for 1" R553F manifolds - 12 outlets
R553WY003: for 1" R553D manifolds -12 outlets
R553WY005:
for 1-1/4" R553F manifolds - 12 outlets
R553WY007:
for 1-1/4" R553D manifolds - 12 outlets

R557W

PRODUCT CODE	SIZE	⬚	⊞
R557WY025	1"	1	-

Insulation cover for R557R-2 manifold.

R279FCW

PRODUCT CODE	SIZE	⬚	⊞
R279FCWY005	1"	1	5

Spare part polyethylene foam insulation for
R279FC diverter valve kit.

R531

PRODUCT CODE	SIZE	⬚	⊞
R531Y003	18 x 18	10	100
R531Y004	3/4"E x 18	10	100

Tee fitting with thermometer connection
(R540 3/8"), to be installed on R553D, R553S,
R551S manifolds.

R540

PRODUCT CODE	SIZE	⬚	⊞
R540Y002	G 3/8"M /0÷80 °C	1	-
R540Y003	G 1/2"M /0÷120 °C	1	-
R540Y021	G 3/8"M /0÷120 °C	1	-
R540Y015	3/8" with clip /0÷120 °C	1	240
R540Y016	3/8" with clip /0÷120 °C-°F	1	-

Thermometer with brass housing
and graduate scale, rear connection.

R540F

PRODUCT CODE	SIZE	⟳	⊞
R540FY002	0÷120 °C - red	1	6
R540FY022	0÷120 °C - blue	1	6

Contact thermometer for R749F T-handle.
Scale 0÷120 °C, Ø40 mm.

R532

PRODUCT CODE	SIZE	⟳	⊞
R532Y001	3/8" x 18	1	100

Flow meter with scale 1-4 l/min.

P12ADB

PRODUCT CODE	SIZE	⟳	⊞
P12ADBX001	3/8" - 1/2" (LF)	1	50
P12ADBX002	3/8" - 1/2" (HF)	1	50

Bonnet for DB series thermostatic valves,
R553FKDB and R553FDB manifolds, equipped
with R73PY010 setting key.

ⓘ **INFO**

- P12ADBX001: Low Flow version (LF); Clip Clap
connection; red color membrane. - P12ADBX002: High
Flow version (HF); Clip Clap connection; black color
membrane.
P12ADB bonnets for DB series dynamic balancing valves
and manifolds are not compatible with other Giacomini
valves and manifolds.

P12HDB

PRODUCT CODE	SIZE	⟳	⊞
P12HDBX001	3/8" - 1/2" (LF)	1	50
P12HDBX002	3/8" - 1/2" (HF)	1	50

Bonnet for HDB thermostatic valves, R553FPDB,
R553FSDB manifolds, equipped with R73PY010
setting key.

ⓘ **INFO**

- P12HDBX001: Low Flow version (LF); M30 x 1,5 mm
connection; red color membrane. - P12HDBX002: High
Flow version (LF); M30 x 1,5 mm connection; black color
membrane.
P12HDB bonnets for DB series dynamic balancing and
manifolds and HDB series dynamic balancing valves
are not compatible with other Giacomini valves and
manifolds.

R400DB

PRODUCT CODE	SIZE	⟳	⊞
R400DBX001	-	1	-

DB bonnet replacement kit, to replace the
bonnet of the DB series thermostatic valves,
without emptying the system.
Suitable for replacing P12ADBX001,
P12ADBX002, P12HDBX001, P12HDBX001
bonnets.
Supplied in a practical case complete with
instructions and adaptors for spare bonnets.

⊳ **VIDEO**
R400DB

P10S

PRODUCT CODE	SIZE	⟳	⊞
P10SY001	1" x 18	1	-
P10SY002	1 1/4" x 18	1	-
P10SY003	1" x 3/4"	1	-
P10SY004	1 1/4"Eurocone	1	-

Lockshield body for R553S manifold.

P10V

NEW TYPE

PRODUCT CODE	SIZE	⟳	⊞
P10VY011	1" x 18	1	10
P10VY012	1 1/4" x 18	1	10
P10VY013	1" x 3/4"Eurocone	1	10
P10VY014	1 1/4" x 3/4"Eurocone	1	10

OLD TYPE

PRODUCT CODE	SIZE	⟳	⊞
P10VY001	1" x 18	1	10
P10VY002	1 1/4" x 18	1	10
P10VY003	1" x 3/4"Eurocone	1	10
P10VY004	1 1/4" x 3/4"Eurocone	1	10

Valve body for R553V manifold.

P10DS

PRODUCT CODE	SIZE	⟳	⊞
P10DSX001	1" x 3/4"E	1	-

Lockshield body for supply bar of R553DS
stainless steel manifolds.

P10VS

PRODUCT CODE	SIZE	⟳	⊞
P10VSY001	1" x 3/4"E	1	-

Valve body for return bar of R553DS, R553FS
stainless steel manifolds.

P553

PRODUCT CODE	SIZE		
P553Y060	3/4"E	1	10

Differential by-pass kit for R553 manifolds with 3/4" outlets.

P78M

PRODUCT CODE	SIZE		
P78MY001	0,5÷5 l/min	1	30
P78MY002	0,4÷2,6 l/min	1	30

Flow meter for R553M, R553F, R53MM, R53MT manifolds.

R450CV

PRODUCT CODE	SIZE		
R450X001	-	1	250

Handwheel for manifolds with shut-off valves.

P553FP

PRODUCT CODE	SIZE		
P553FPY006	DN32	1	-
P583Y004	Nut and gasket	1	-
P553FPY005	DN32	1	-
P553FPY011	DN32 x 3/4"E	1	-
P553FPY017	DN32 x 3/4"E	1	-
P553FPY012	DN32 x 3/4"E	1	-
P553FPDB011	DN32 x 3/4"E	1	-
P553FPDB012	DN32 x 3/4"E	1	-
P553FPY030	DN32 x 3/4"E	1	-
P553FPDB030	DN32 x 3/4"E	1	-
P553FPDB031	DN32 x 3/4"E	1	-

Spare parts for R553FP and R553FPDB manifolds.

ⓘ **INFO**

- P553FPY006: inlet module (without nut).
- P583Y004: nut and gasket for inlet module.
- P553FPY005: cap module.
- P553FPY011: supply module with flow meter with dual scale 0÷5 l/min and 0÷1,5 GPM and 3/4"E outlet.
- P553FPY017: supply module with flow meter with scale 0÷2,5 l/min and 3/4"E outlet.
- P553FPY012: return module with valve and 3/4"E outlet.
- P553FPDB011: return module with dynamic Low Flow balancing bonnet and 3/4"E outlet.
- P553FPDB012: return module with dynamic High Flow balancing bonnet and 3/4"E outlet.
- P553FPY030: kit composed of supply module + return module with 3/4"E outlets.
- P553FPDB030: kit composed of supply module with flow meter with scale 0÷2,5 l/min + return module with dynamic Low Flow balancing bonnet and 3/4"E outlets.
- P553FPDB031: kit composed of supply module with flow meter with dual scale 0÷5 l/min and 0÷1,5 GPM + return module with dynamic High Flow balancing bonnet and 3/4"E outlets.

R557A

PRODUCT CODE	SIZE		
R557AY006	1" x 1/2" x 1 1/4"	1	-

Tee fitting for R557 with 1/2" plug.

R557B

PRODUCT CODE	SIZE		
R557BY005	1/2" x 1" x 1"	1	-

Tee fitting with nut and tail piece for R557 with 1/2" plug.

R557D

PRODUCT CODE	SIZE		
R557DY005	1" x 1" x 1"	1	-

Tee fitting for R557 with nut and tail piece.

R557P

PRODUCT CODE	SIZE		
R557PY005	1" x 1"	1	-

Tail piece for R557 manifold.

R227-2

PRODUCT CODE	SIZE		
R227Y002	For R462LX021	1	-

Probe housing for R462LX021.

R558

PRODUCT CODE	SIZE		
R558Y001	-	1	-

Lockshields key for regulating the manifold outlets.

R558N

PRODUCT CODE	SIZE		
R558NY001	-	1	-

Lockshields key for regulating the manifold outlets.

❯ Cabinets and brackets for manifolds for heating systems

R500-1

PRODUCT CODE	SIZE	⊡	⊞
R500Y111	400 x 460 x 110÷120 mm	1	-
R500Y112	600 x 460 x 110÷120 mm	1	-
R500Y113	800 x 460 x 110÷120 mm	1	-
R500Y114	1000 x 460 x 110÷120 mm	1	-

Flush-mount cabinet made of electro-galvanized metal sheet, for distribution manifolds mounted on R588ZY001 or R588ZPY001 brackets.
Painted frame and door (RAL 9010) and lock for the door closure.

R500-2

PRODUCT CODE	SIZE	⊡	⊞
R500Y221	400 x 650÷740 x 85÷130 mm	1	-
R500Y222	600 x 650÷740 x 85÷130 mm	1	-
R500Y223	800 x 650÷740 x 85÷130 mm	1	-
R500Y224	1000 x 650÷740 x 85÷130 mm	1	-
R500Y225	1200 x 650÷740 x 85÷130 mm	1	-

Flush-mount cabinet with adjustable height and depth, made of electro-galvanized metal sheet, for distribution manifolds mounted onR588ZY001 or R588ZPY001 brackets.
Painted frame and door (RAL 9010) and lock for the door closure.

ⓘ **INFO**

The cabinet is supplied in a reduced thickness packaging to reduce the overall dimensions and the risks of crushing during the transport. Fast and easy on-site assembly and installation.

R501

PRODUCT CODE	SIZE	⊡	⊞
R501Y111	400 x 700 x 110 mm	1	-
R501Y112	600 x 700 x 110 mm	1	-
R501Y113	800 x 700 x 110 mm	1	-
R501Y114	1000 x 700 x 110 mm	1	-

Surface-mounting metal cabinet and door made of painted metal sheet
(RAL 9010), for distribution manifolds mounted on R588ZY001 or R588ZPY001 brackets.
Equipped with lock for the door closure.

R501KI

PRODUCT CODE	SIZE	⊡	⊞
R501Y010	980 x 700 x 230 mm	1	-

Metal cabinet for R553KI manifolds.
Made by an electro-galvanized frame and external electro-galvanized powder-coated cover (white RAL 9010).
Complete with adjustable metal brackets.

R502

PRODUCT CODE	SIZE	⊡	⊞
R502Y001	400 x 650÷720 x 110 mm	1	-
R502Y002	600 x 650÷720 x 110 mm	1	-
R502Y003	800 x 650÷720 x 110 mm	1	-
R502Y004	1000 x 650÷720 x 110 mm	1	-

Flush-mount cabinet for manifold, with adjustable wall bearing.

R509-1

PRODUCT CODE	SIZE	⊡	⊞
R509Y221	400 x 485 mm	1	-
R509Y222	600 x 485 mm	1	-
R509Y223	800 x 485 mm	1	-
R509Y224	1000 x 485 mm	1	-
R509Y225	1200 x 485 mm	1	-

Door and frame in painted sheet metal.
Complete with lock for closing the door.
For R500-2 cabinets.

R510

PRODUCT CODE	SIZE	⊡	⊞
R510Y001	400 x 200 mm	1	2
R510Y002	600 x 200 mm	1	2
R510Y003	800 x 200 mm	1	2
R510Y004	1000 x 200 mm	1	2

Wall bearing for R500 cabinet.

R557I

PRODUCT CODE	SIZE	⊡	⊞
R557Y051	850 x 605 x 150 mm	1	-
R557Y052	1000 x 605 x 150 mm	1	-
R557RY075	850 x 605 x 110 mm	1	-
R557RY076	1000 x 605 x 110 mm	1	-
R557RY077	1200 x 605 x 110 mm	1	-
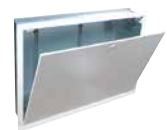
Flush-mount cabinet for R557 manifolds.
Sheet metal made door and frame, painted.

R557I-1

PRODUCT CODE	SIZE	⊡	⊞
R557Y061	850 x 605 mm	1	-
R557Y062	1000 x 605 mm	1	-

Door and frame for R557I cabinets.

R588

PRODUCT CODE	SIZE	⬚	⊞
R588Y001	3/4" – 1" – 1 1/4"	2	20

Metallic bracket for R553D, R553F manifolds in R500, R502 cabinets.

R588FP

PRODUCT CODE	SIZE	⬚	⊞
R588FPY001	For R553FP and R553FPDB	1	50

Reduced metallic bracket for technopolymer manifolds in R500-2 cabinets.

R588Z

PRODUCT CODE	SIZE	⬚	⊞
R588ZY001	3/4-1-11/4	1	50

Reduced metallic bracket for brass manifolds in R500-2 cabinets.

R588F

PRODUCT CODE	SIZE	⬚	⊞
R588FY001	For DN32 modular manifold	1	25

Adjustable metallic bracket for DN32 modular manifolds in R557I cabinets. Distance: min. 263,5 mm - max. 334,5 mm.

R588D

PRODUCT CODE	SIZE	⬚	⊞
R588DY001	For DN32 modular manifold	1	20

Metallic bracket for DN32 modular manifolds in R500, R502 cabinets.

R588R

PRODUCT CODE	SIZE	⬚	⊞
R588RY010	1"	10	100
R588RY011	1"	10	50

Bracket for manifolds in R557I cabinets.

R588L

PRODUCT CODE	SIZE	⬚	⊞
R588LY001	1"	1	25
R588SY001	1"	1	200

Adjustable metallic bracket for manifold R551 (size 3/4", 1", 1-1/4") and R553. Distance: min. 263,5 mm - max. 334,5 mm.

P583

PRODUCT CODE	SIZE	⬚	⊞
P583Y001	-	1	-

Metal support with plastic clips for R583S, R583M, R583V manifolds.

R588P

PRODUCT CODE	SIZE	⬚	⊞
R588PY004	1 1/2" - 2"	1	10

Adjustable support for wall fixing of R551 manifolds (size 1-1/2", 2").

⟩ Manifolds for domestic water systems

R551

PRODUCT CODE	SIZE	⊡	⊞
R551Y002	3/4" x 3/8" /2 Distance 35 mm	1	26
R551Y003	3/4" x 3/8" /3 Distance 35 mm	1	20
R551Y004	3/4" x 3/8" /4 Distance 35 mm	1	20
R551Y005	3/4" x 3/8" /5 Distance 35 mm	1	10
R551Y006	3/4" x 3/8" /6 Distance 35 mm	1	10
R551Y007	3/4" x 3/8" /7 Distance 35 mm	1	10
R551Y008	3/4" x 3/8" /8 Distance 35 mm	1	10
R551Y009	3/4" x 3/8" /9 Distance 35 mm	1	15
R551Y010	3/4" x 3/8" /10 Distance 35 mm	1	15
R551Y011	3/4" x 3/8" /11 Distance 35 mm	1	15
R551Y012	3/4" x 3/8" /12 Distance 35 mm	1	15
R551Y042	1" x 3/8" /2 Distance 35 mm	1	15
R551Y043	1" x 3/8" /3 Distance 35 mm	1	20
R551Y044	1" x 3/8" /4 Distance 35 mm	1	12
R551Y045	1" x 3/8" /5 Distance 35 mm	1	8
R551Y046	1" x 3/8" /6 Distance 35 mm	1	8
R551Y047	1" x 3/8" /7 Distance 35 mm	1	20
R551Y048	1" x 3/8" /8 Distance 35 mm	1	8
R551Y049	1" x 3/8" /9 Distance 35 mm	1	10
R551Y050	1" x 3/8" /10 Distance 35 mm	1	10
R551Y051	1" x 3/8" /11 Distance 35 mm	1	10
R551Y052	1" x 3/8" /12 Distance 35 mm	1	10

Distribution manifold with female threaded outlets.
Temperature range: 5÷110 °C
Max. working pressure: 16 bar
Production on customized drawing available, after an assessment of our Technical Department.

R585

CENTRE DISTANCE 35 MM

PRODUCT CODE	SIZE	⊡	⊞
R585Y022	3/4" x 16 /2	1	10
R585Y023	3/4" x 16 /3	1	10
R585Y024	3/4" x 16 /4	1	10
R585Y025	3/4" x 16 /5	1	5
R585Y026	3/4" x 16 /6	1	5
R585Y027	3/4" x 16 /7	1	10
R585Y028	3/4" x 16 /8	1	10
R585Y029	3/4" x 16 /9	1	10
R585Y030	3/4" x 16 /10	1	10
R585Y042	1" x 16 /2	1	15
R585Y043	1" x 16 /3	1	10
R585Y044	1" x 16 /4	1	10
R585Y045	1" x 16 /5	1	5
R585Y046	1" x 16 /6	1	5
R585Y047	1" x 16 /7	1	5
R585Y048	1" x 16 /8	1	5
R585Y049	1" x 16 /9	1	5
R585Y050	1" x 16 /10	1	5

For connection to the pipe use the base 16 R178, R179, R179AM adaptors

Distribution manifold with lockshields, outlets with Base adaptor connections.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

R580

CENTRE DISTANCE 35 MM

PRODUCT CODE	SIZE	⊡	⊞
R580Y022	3/4" x 16 /2	1	10
R580Y023	3/4" x 16 /3	1	10
R580Y024	3/4" x 16 /4	1	10
R580Y025	3/4" x 16 /5	1	5
R580Y026	3/4" x 16 /6	1	5
R580Y027	3/4" x 16 /7	1	10
R580Y028	3/4" x 16 /8	1	10
R580Y029	3/4" x 16 /9	1	10
R580Y030	3/4" x 16 /10	1	10
R580Y062	1" x 16 /2	1	15
R580Y063	1" x 16 /3	1	10
R580Y064	1" x 16 /4	1	10
R580Y065	1" x 16 /5	1	5
R580Y066	1" x 16 /6	1	5
R580Y067	1" x 16 /7	1	5
R580Y068	1" x 16 /8	1	5
R580Y069	1" x 16 /9	1	5
R580Y070	1" x 16 /10	1	5
R580Y071	1" x 16 /11	1	5

For connection to the pipe use the base 16 R178, R179, R179AM adaptors

CENTRE DISTANCE 50 MM

PRODUCT CODE	SIZE	⊡	⊞
R580Y122	3/4" x 16 /2	1	30
R580Y123	3/4" x 16 /3	1	20
R580Y124	3/4" x 16 /4	1	20
R580Y125	3/4" x 16 /5	1	20
R580Y126	3/4" x 16 /6	1	10
R580Y127	3/4" x 16 /7	1	10
R580Y128	3/4" x 16 /8	1	10
R580Y162	1" x 16 /2	1	30
R580Y163	1" x 16 /3	1	20
R580Y164	1" x 16 /4	1	20
R580Y165	1" x 16 /5	1	20
R580Y166	1" x 16 /6	1	10
R580Y167	1" x 16 /7	1	10
R580Y168	1" x 16 /8	1	10
R580Y169	1" x 16 /9	1	10
R580Y170	1" x 16 /10	1	10

For connection to the pipe use the base 16 R178, R179, R179AM adaptors

Distribution manifold, outlets with base adaptor connections.
Temperature range: 5÷110 °C
Max. working pressure: 16 bar

◆ Modular manifolds for domestic water systems

R585CS

PRODUCT CODE	SIZE	⬜	⊞
R585CSX122	3/4" x 3/4"E /2	1	36
R585CSX123	3/4" x 3/4"E /3	1	28
R585CSX124	3/4" x 3/4"E /4	1	22
R585CSX142	1" x 3/4"E /2	1	30
R585CSX143	1" x 3/4"E /3	1	28
R585CSX144	1" x 3/4"E /4	1	22

Modular brass manifold with shut-off valves
and seal O-Ring for domestic water systems.
Nickel plated brass finishing.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar
Outlets center distance: 40 mm

ⓘ **INFO**

Completion codes
- R599: plastic cabinet with lid, depth 90 mm
- R598K: pair of plastic supports for R599 cabinet
- R584: plastic cabinet with lid and supports, depth 86 mm
- R592DCS: end plug in chrome plated brass, male thread
- R594CS: end cap in chrome plated brass, female thread
- R179E: 3/4"E adaptors for plastic or multilayer pipes
- R178E: 3/4"E adaptors for copper pipes
- RM179E: multi-jaw straight press fitting for plastic
or multilayer pipes with 3/4"E nut
- Shut-off ball valves

Handwheels with identification plates for different usage points

✓	✓	✓	✓
Sealing guaranteed by the O-Ring	For use with Ø 16-mm and Ø 20-mm pipes	Outlet center distance: 40 mm	3/4"E outlet

R585C

1/2" OUTLETS

PRODUCT CODE	SIZE	⬜	⊞
R585CY062	3/4" x 1/2" /2	1	20
R585CY063	3/4" x 1/2" /3	1	20
R585CY064	3/4" x 1/2" /4	1	20

BASE 16 AND 1/2"FLAT SEAT OUTLETS

PRODUCT CODE	SIZE	⬜	⊞
R585CY022	3/4" x 16 /2	1	20
R585CY023	3/4" x 16 /3	1	20
R585CY024	3/4" x 16 /4	1	20
R585CY042	1" x 16 /2	1	20
R585CY043	1" x 16 /3	1	20
R585CY044	1" x 16 /4	1	20
R585CY072	3/4" x 1/2"flat seat /2	1	20
R585CY073	3/4" x 1/2"flat seat /3	1	20
R585CY074	3/4" x 1/2"flat seat /4	1	20

Modular brass manifold with shut-off valves
for domestic water systems.
Temperature range: 5÷100 °C
Max. working pressure: 10 bar
Outlets center distance:
- Manifolds 3/4" x 1/2": 35 mm.
- Manifolds 3/4" x 16: 50 mm.
- Manifolds 1" x 16: 50 mm.
- Manifolds 3/4" x1/2"f.s.: 35 mm.

ⓘ **INFO**

With manifolds R585CY062, R585CY063, R585CY064 can be used only adaptors
R179EY055, R179EY056, R179EY058, RM179Y113, RM179Y116, R178EY121,
R178EY122, R178EY123, R178EY124, R178EY125.
With manifolds R585CY072, R585CY073, R585CY074 can be used only adaptors
R179PY014.
With Base 16 manifolds use Base 16 R178, R179, R179AM adaptors.

R580C

1/2" AND 3/4"EUROCONE

PRODUCT CODE	SIZE	⬜	⊞
R580CY062	3/4" x 1/2" /2	1	5
R580CY063	3/4" x 1/2" /3	1	5
R580CY064	3/4" x 1/2" /4	1	5
R580CY052	1" x 3/4"E /2	1	5
R580CY053	1" x 3/4"E /3	1	5
R580CY054	1" x 3/4"E /4	1	3

BASE 16 AND 1/2"FLAT SEAT

PRODUCT CODE	SIZE	⬜	⊞
R580CY022	3/4" x 16 /2	1	5
R580CY023	3/4" x 16 /3	1	5
R580CY024	3/4" x 16 /4	1	5
R580CY042	1" x 16 /2	1	5
R580CY043	1" x 16 /3	1	5
R580CY044	1" x 16 /4	1	3
R580CY072	3/4" x 1/2"flat seat /2	5	50
R580CY073	3/4" x 1/2"flat seat /2	5	50
R580CY074	3/4" x 1/2"flat seat /4	5	50

Modular brass manifold for domestic water
systems. Brass finishing.
Temperature range: 5÷100 °C
Max. working pressure: 10 bar
Outlets center distance:
- Manifolds 3/4" x 1/2": 35 mm
- Manifolds 1" x 3/4"E: 40 mm
- Manifolds 3/4" x 16: 35 mm
- Manifolds 1" x 16: 35 mm
- Manifolds 3/4" x 1/2"f.s.: 35 mm

ⓘ **INFO**

With manifolds R580CY062, R580CY063, R580CY064 can be used only adaptors
R179EY055, R179EY056, R179EY058, RM179Y113, RM179Y116, R178EY121,
R178EY122, R178EY123, R178EY124, R178EY125.
With manifolds R580CY052, R580CY053, R580CY054 can be used only adaptors
R179EX021, R179EX022, R179EX023, R179EX024, R179EX025, R179EX026,
R179EX027, R179EY028, RM179X103, RM179X106, R178EX112, R178EX113,
R178EX104, R178EX115, R178EX116.
With Base 16 manifolds use Base 16 R178, R179, R179AM adaptors.
With manifolds R580CY072, R580CY073, R580CY074 can be used only adaptors
R179PY014.

R580M

PRODUCT CODE	SIZE	⧉	⊞
R580MY005	DN25 x 16	1	100
R580MY006	DN32 x 18	1	50

For connection to the pipe use the base 16 or 18 adaptors

Modular manifold with quick connection, with outlets with base or Eurocone adaptor connections.
DN25: outlets center distance 35 mm.
DN32: outlets center distance 50 mm.
Temperature range: 5÷90 °C
Max. working pressure: 10 bar

R585M

PRODUCT CODE	SIZE	⧉	⊞
R585MY105	DN25 x 16	1	80

For connection to the pipe use the base 16 adaptors

Modular manifold with shut-off valves, quick connections, outlets with Base adaptor connections.
DN25: outputs center distance 35 mm
Temperature range: 5÷90 °C
Max. working pressure: 10 bar

R580T

PRODUCT CODE	SIZE	⧉	⊞
R580TY004	3/4" x DN25 x 16	1	50
R580TY005	1" x DN25 x 16	1	50
R580TY006	DN32 x 1" x 18	1	40

For connection to the pipe use the base 16 or 18 adaptors

Start and end module of modular manifolds, with quick connections, with outlets with base or Eurocone adaptor connections.
DN25: outlets center distance 35 mm.
DN32: outlets center distance 50 mm.
Temperature range: 5÷90 °C
Max. working pressure: 10 bar

R585T

PRODUCT CODE	SIZE	⧉	⊞
R585TY104	3/4" x DN25 x 16	1	50
R585TY105	1" x DN25 x 16	1	25

For connection to the pipe use the base 16 adaptors

Start and end module of modular manifolds with shut-off valves, quick connections, outlets with Base adaptor connections.
DN25: outputs center distance 35 mm
Temperature range: 5÷90 °C
Max. working pressure: 10 bar

❯ Cabinets, brackets and accessories for manifolds for domestic water systems

R584

PRODUCT CODE	SIZE	⧉	⊞
R584Y101	345 x 290 x 90 mm	1	8
R584Y102	425 x 290 x 90 mm	1	8
R584Y103	525 x 290 x 90 mm	1	8
R584Y104	625 x 290 x 90 mm	1	8

Plastic cabinet with cover and fixing kit.
For 3/4" or 1" manifolds, series R580, R551, R580C, R585C, R585CS and modular manifolds DN25.

R595

PRODUCT CODE	SIZE	⧉	⊞
R595AY001	370 x 300 x 90 mm	1	-
R595BY001	520 x 300 x 90 mm	1	-
R595CY001	670 x 300 x 90 mm	1	-

Plastic cabinet complete with cover, for:
- 3/4" and 1" bar manifolds
(center distance 35 mm)
- DN25 modular manifolds
- Modular manifolds R580CY062, R580CY063, R580CY064, R585CY062, R585CY063, R585CY064.

R599

PRODUCT CODE	SIZE	⧉	⊞
R599Y001	400 x 300 x 90 mm	1	-

Plastic cabinet complete with frame and door.
Quick-release door closure without screws.
For R580C, R585C, R585CS modular manifolds.

R595P

PRODUCT CODE	SIZE	⧉	⊞
R595PY001	370 x 300 mm	1	10
R595PY002	520 x 300 mm	1	10
R595PY003	670 x 300 mm	1	10

Plastic cover with screws, for R595 cabinet or R595T frame.

R595T

PRODUCT CODE	SIZE	⊡	⊞
R595TY001	-	1	-

Metallic frame for plastic cover. To be used in combination with R595P plastic cover.

R598

PRODUCT CODE	SIZE	⊡	⊞
R598Y003	For 3/4" x 16 bar manifold	1	10
R598Y004	For 1" x 16 bar and DN25 modular	1	10
R598Y007	For R580C-R585C 3/4"x1/2"	1	10

Pair of plastic supports for R595 cabinet.

R592DCS

PRODUCT CODE	SIZE	⊡	⊞
R592DX054	G 3/4"M	1	200
R592DX055	G 1"M	1	200

End plug in chrome plated brass, male thread, for R585CS manifolds.

P22

PRODUCT CODE	SIZE	⊡	⊞
P22Y003	For manifolds B.16	1	10
P22Y004	For manifolds 1/2", 3/4"E	1	10

Handwheel with reversible plate
(red and blue colors).
For R585C manifolds.

R594CS

PRODUCT CODE	SIZE	⊡	⊞
R594X054	G 3/4"F	1	200
R594X055	G 1"F	1	200

End cap in chrome plated brass, female thread, for R585CS manifolds.

R583

PRODUCT CODE	SIZE	⊡	⊞
R583Y004	For 3/4" bar manifold	2	50
R583Y005	For 1" bar and DN25 modular man.	2	50
R583Y014	3/4" for R580C-R585C	1	-

Metallic bracket for R580 manifold or DN25 modular manifolds. For wall installation, not compatible with plastic cabinets.

R598K

PRODUCT CODE	SIZE	⊡	⊞
R598KY001	3/4"	1	10
R598KY002	1"	1	10

Pair of plastic supports for R599 cabinet, for R580C, R585C, R585CS modular manifolds.
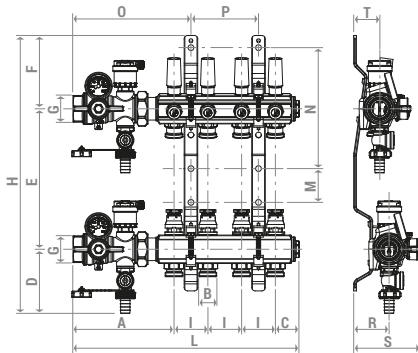
Technical and dimensional data

R553FKDB

R500Y221 (400x650x85÷130 mm)
R500Y222 (600x650x85÷130 mm)
R500Y223 (800x650x85÷130 mm)
R500Y224 (1000x650x85÷130 mm)

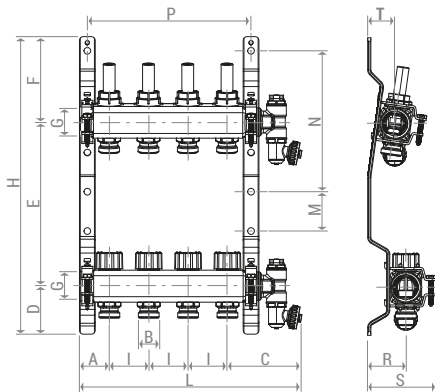| PRODUCT CODE	OUTLETS	A	B	C	D	E	F	G	H	I	L	M	N	O	P	R	S	T	CABINET R500-2
R553FKDB102 - R553FKDB122	2										235				-				R500Y221
R553FKDB103 - R553FKDB123	3										285				50				
R553FKDB104 - R553FKDB124	4										335				100				
R553FKDB105 - R553FKDB125	5										385				150				R500Y222
R553FKDB106 - R553FKDB126	6										435				200				
R553FKDB107 - R553FKDB127	7	149	B.18	36	95	208	108	G 1"	411	50	485	50	179	174	250	53	99	38	
R553FKDB108 - R553FKDB128	8										535				300				
R553FKDB109 - R553FKDB129	9										585				350				R500Y223
R553FKDB110 - R553FKDB130	10										635				400				
R553FKDB111 - R553FKDB131	11										685				450				R500Y224
R553FKDB112 - R553FKDB132	12										735				500				

R553FPDB
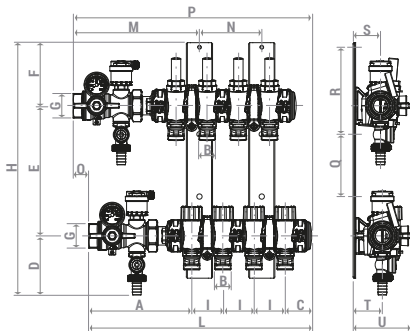
R500Y221 (400x650x85÷130 mm)
R500Y222 (600x650x85÷130 mm)
R500Y223 (800x650x85÷130 mm)
R500Y224 (1000x650x85÷130 mm)

PRODUCT CODE	OUTLETS	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U	CABINET R500-2
R553FPDB342 - R553FPDB362	2										258		-		283						R500Y221
R553FPDB343 - R553FPDB363	3										308		50		333						
R553FPDB344 - R553FPDB364	4										358		100		383						
R553FPDB345 - R553FPDB365	5										408		150		433						R500Y222
R553FPDB346 - R553FPDB366	6										458		200		483						
R553FPDB347 - R553FPDB367	7	165	3/4"E	43	95	209	101	G1"	405	50	508	202	250	25	533	100	140	44	47	93	
R553FPDB348 - R553FPDB368	8										558		300		583						
R553FPDB349 - R553FPDB369	9										608		350		633						R500Y223
R553FPDB350 - R553FPDB370	10										658		400		683						
R553FPDB351 - R553FPDB371	11										708		450		733						
R553FPDB352 - R553FPDB372	12										758		500		783						R500Y224

R553FSDB
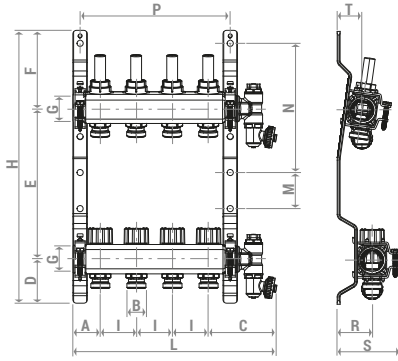
R500Y221 (400x650x85÷130 mm)
R500Y222 (600x650x85÷130 mm)
R500Y223 (800x650x85÷130 mm)
R500Y224 (1000x650x85÷130 mm)

PRODUCT CODE	OUTLETS	A	B	C	D	E	F	G	H	I	L	M	N	P	R	S	T	CABINET R500-2
R553FSDB142 - R553FSDB242	2										185			110				R500Y221
R553FSDB143 - R553FSDB243	3										235			160				R500Y221
R553FSDB144 - R553FSDB244	4										285			210				
R553FSDB145 - R553FSDB245	5										335			260				R500Y222
R553FSDB146 - R553FSDB246	6										385			310				R500Y222
R553FSDB147 - R553FSDB247	7	38	3/4"E	102	61	209	109	G 1"	378	50	435	50	197	360	49	86	35	
R553FSDB148 - R553FSDB248	8										485			410				
R553FSDB149 - R553FSDB249	9										535			460				R500Y223
R553FSDB150 - R553FSDB250	10										585			510				
R553FSDB151 - R553FSDB251	11										635			560				R500Y224
R553FSDB152 - R553FSDB252	12										685			610				R500Y224

R553FK
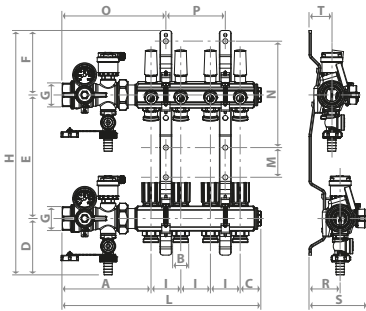
PRODUCT CODE	OUTLETS	G x B	A	c	D	E	F	H	I	L	M	N	O	P	R	S	T	CABINET
R553FK102	2									235								R500Y221
R553FK103	3									285								R500Y221
R553FK104	4									335								R500Y222
R553FK105	5									385								R500Y222
R553FK106	6									435								R500Y222
R553FK107	7	1 x base 18	149	36	95	208	108	411	50	485	50	179	174	100	53	99	38	R500Y222
R553FK108	8									535								R500Y223
R553FK109	9									585								R500Y223
R553FK110	10									635								R500Y223
R553FK111	11									685								R500Y224
R553FK112	12									735								R500Y224

R553DK
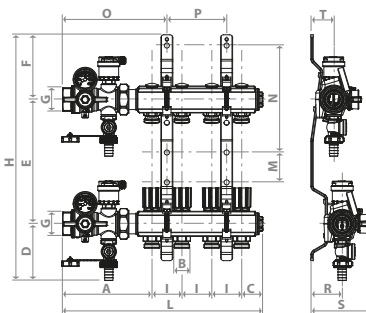
PRODUCT CODE	OUTLETS	G x B	A	c	D	E	F	H	I	L	M	N	O	P	R	S	T	CABINET
R553DK102	2									235								R500Y221
R553DK103	3									285								R500Y221
R553DK104	4									335								R500Y222
R553DK105	5									385								R500Y222
R553DK106	6									435								R500Y222
R553DK107	7	1 x base 18	149	36	95	208	108	411	50	485	50	179	174	100	53	99	38	R500Y222
R553DK108	8									535								R500Y223
R553DK109	9									585								R500Y223
R553DK110	10									635								DR500Y223
R553DK111	11									685								R500Y224
R553DK112	12									735								R500Y224

R553F
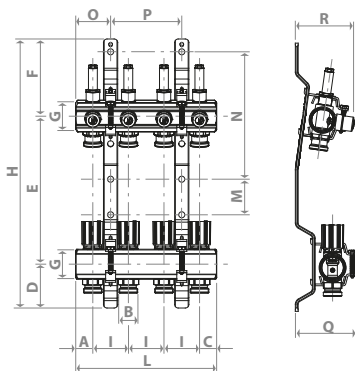
	A	C	D	E	F	H	I	M	N	O	Q	R
MANIFOLDS 1"	24	24	62	208	108	378	50	50	179	49	86	83
MANIFOLDS 1-1/4"	24	24	62	208	104	378	50	50	179	49	88	88

PRODUCT CODE	G x B	OUTLETS	P	L	CABINET
R553FZY002 - R553FZY042		2	-	98	R500Y221
R553FZY003 - R553FZY043		3	50	148	R500Y221
R553FZY004 - R553FZY044		4	100	198	R500Y222
R553FZY005 - R553FZY045		5	150	248	R500Y222
R553FZY006 - R553FZY046		6	200	298	R500Y222
R553FZY007 - R553FZY047	1" x base 18	7	250	348	R500Y222
R553FZY008 - R553FZY048	1" x 3/4" E	8	300	398	R500Y223
R553FZY009 - R553FZY049		9	350	448	R500Y223
R553FZY010 - R553FZY050		10	400	498	R500Y223
R553FZY011 - R553FZY051		11	450	548	R500Y224
R553FZY012 - R553FZY052		12	500	598	R500Y224
R553FZY022		2	-	98	R500Y221
R553FZY023		3	50	148	R500Y222
R553FZY024		4	100	198	R500Y222
R553FZY025		5	150	248	R500Y222
R553FZY026		6	200	298	R500Y222
R553FZY027	1-1/4" x base 18	7	250	348	R500Y222
R553FZY028		8	300	398	R500Y223
R553FZY029		9	350	448	R500Y223
R553FZY030		10	400	498	R500Y223
R553FZY031		11	450	548	R500Y224
R553FZY032		12	500	598	R500Y224

R553D
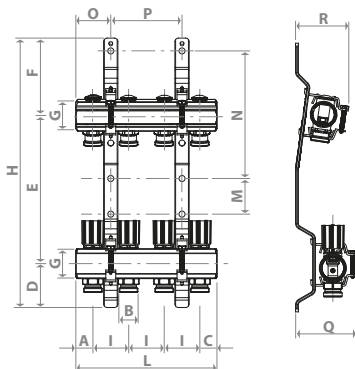
	A	C	D	E	F	H	I	M	N	O	Q	R
MANIFOLDS 1"	24	24	62	208	108	378	50	50	179	49	86	81
MANIFOLDS 1-1/4"	24	24	66	208	104	378	50	50	179	49	88	85

PRODUCT CODE	G x B	OUTLETS	P	L	CABINET
R553ZY002 - R553ZY042		2	-	98	R500Y221
R553ZY003 - R553ZY043		3	50	148	R500Y221
R553ZY004 - R553ZY044		4	100	198	R500Y222
R553ZY005 - R553ZY045		5	150	248	R500Y222
R553ZY006 - R553ZY046	1" x base 18	6	200	298	R500Y222
R553ZY007 - R553ZY047	1" x 3/4" E	7	250	348	R500Y222
R553ZY008 - R553ZY048		8	300	398	R500Y223
R553ZY009 - R553ZY049		9	350	448	R500Y223
R553ZY010 - R553ZY050		10	400	498	R500Y223
R553ZY011 - R553ZY051		11	450	548	R500Y224
R553ZY012 - R553ZY052		12	500	598	R500Y224
R553ZY022		2	-	98	R500Y221
R553ZY023		3	50	148	R500Y221
R553ZY024		4	100	198	R500Y222
R553ZY025		5	150	248	R500Y222
R553ZY026		6	200	298	R500Y222
R553ZY027	1-1/4" x base 18	7	250	348	R500Y222
R553ZY028		8	300	398	R500Y223
R553ZY029		9	350	448	R500Y223
R553ZY030		10	400	498	R500Y223
R553ZY031		11	450	548	R500Y224
R553ZY032		12	500	598	R500Y224

R553FP
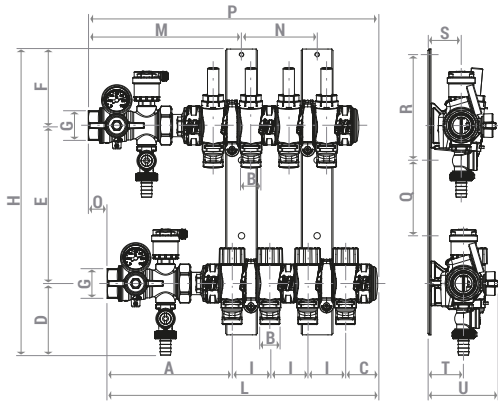
R500Y221 (400x650x85÷130 mm)
R500Y222 (600x650x85÷130 mm)
R500Y223 (800x650x85÷130 mm)
R500Y224 (1000x650x85÷130 mm)

PRODUCT CODE	OUTLETS	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U	CABINET R500-2
R553FP302	2										258		-		283						R500Y221
R553FP303	3										308		50		333						
R553F3204	4										358		100		383						R500Y222
R553FP305	5										408		150		433						
R553FP306	6										458		200		483						
R553FP307	7	165	3/4"E	43	95	209	101	G1"	405	50	508	202	250	25	533	100	140	44	47	93	
R553FP308	8										558		300		583						
R553FP309	9										608		350		633						R500Y223
R553FP310	10										658		400		683						
R553FP311	11										708		450		733						
R553FP312	12										758		500		783						R500Y224

R553FS

PRODUCT CODE	OUTLETS	G x B	A	C	D	E	F	H	I	L	M	N	P	R	S	T	CABINET R500-2
R553FSX242	2									190			110				R500Y221
R553FSX243	3									240			160				
R553FSX244	4									290			210				R500Y222
R553FSX245	5									340			260				
R553FSX246	6									390			310				
R553FSX247	7	1"F x 3/4"E	38	102	61	209	109	379	50	440	50	197	360	49	86	35	
R553FSX248	8									490			410				
R553FSX249	9									540			460				R500Y223
R553FSX250	10									590			510				
R553FSX251	11									640			560				
R553FSX252	12									690			610				R500Y224

R553DS
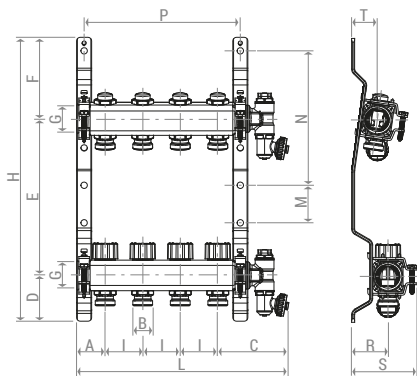
PRODUCT CODE	OUTLETS	G x B	A	C	D	E	F	H	I	L	M	N	P	R	S	T	CABINET R500-2
R553DSX042	2									190			110				R500Y221
R553DSX043	3									240			160				
R553DSX044	4									290			210				R500Y222
R553DSX045	5									340			260				
R553DSX046	6									390			310				
R553DSX047	7	1"F x 3/4"E	38	102	61	209	109	379	50	440	50	197	360	49	86	35	
R553DSX048	8									490			410				
R553DSX049	9									540			460				R500Y223
R553DSX050	10									590			510				
R553DSX051	11									640			560				R500Y224
R553DSX052	12									690			610				

R580C
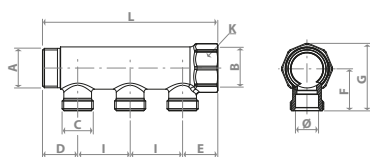
PRODUCT CODE	SIZE A x B	C	Ø	D	E	F	G	I	K	L
R580CY062	3/4"M x 3/4"F	1/2"	16	23,5	23,5	28,5	45	35	31	82
R580CY063										117
R580CY064										152
R580CY052	1"M x 1"F	3/4" E	18	26	26	33	53	40	38	92
R580CY053										132
R580CY054										172
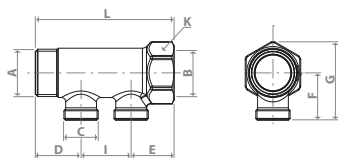
PRODUCT CODE	SIZE A x B	C	D	E	F	G	I	K	L
R580CY022	3/4"M x 3/4"F	16	32	30	28	46	35	31	97
R580CY023									132
R580CY024									167
R580CY042	1"M x 1"F		32	30	33	55	35	39	97
R580CY043									132
R580CY044									167

R553KI + R501KI
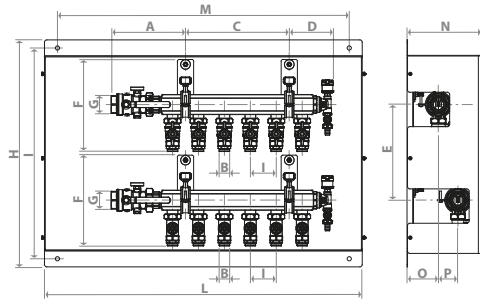
PRODUCT CODE	OUTLETS	G x B	A	C	D	E	F	H	I	L	M	N	O	P
R553KY086	6			320										
R553KY087	7	1-1/2" x 1"	229	400	136	295	284	700	650	980	900	230	97	60
R553KY088	8			480										

R585C
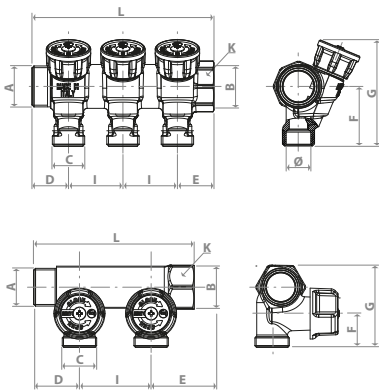
PRODUCT CODE	SIZE A x B	C	Ø	D	E	F	G	I	K	L
R585CY062										82
R585CY063	3/4"M x 3/4"F	1/2"	16	23,5	23,5	28,5	69	35	31	117
R585CY064										152

PRODUCT CODE	SIZE A x B	C	D	E	F	G	I	K	L
R585CY022									112
R585CY023	3/4"M x 3/4"F		32	30	42	58	50	31	162
R585CY024		16							212
R585CY042									112
R585CY043	1"M x 1"F		32	30	45	65	50	39	162
R585CY044									212

R580T-R580M
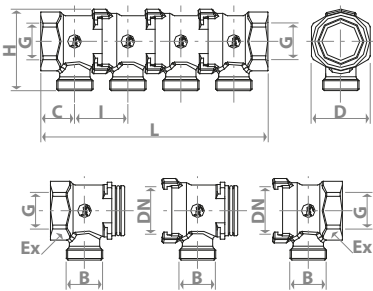
	3/4"xDN25 x16	1"xDN25 x16	1"xDN32 x18	1-1/4"xDN32 x18
G	3/4"	1"	1"	1-1/4"
B	16	16	18	18
EX	31	39	39	48
I	35	35	50	50
C	21	23	23	25
D	37	39	48	48
DN	25	25	32	32
H	54	54	64	64

OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R580T	1	1	1	1	1	1	1	1	1	1	1
R580M	-	1	2	3	4	5	6	7	8	9	10
L 3/4"XDN25	77	112	147	182	217	252	287	322	357	392	427
L 1"XDN25	80	115	150	185	220	255	290	325	360	395	430
L 1"XDN32	95	145	195	245	295	345	395	445	495	545	595
L 1-1/4"XDN32	100	150	200	250	300	350	400	450	500	550	600

R585T-R585M
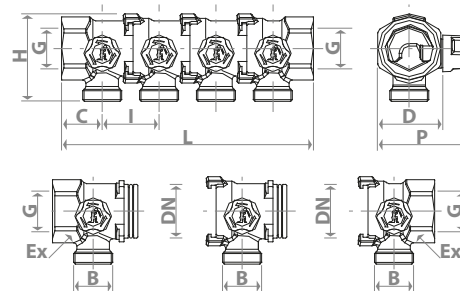
	3/4"xDN25 x16	1"xDN25 x16
G	3/4"	1"
B	16	16
EX	31	39
I	35	35
C	22	25
D	31	39
DN	25	25
H	54	54
P	51	55

OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R585T	1	1	1	1	1	1	1	1	1	1	1
R585M	-	1	2	3	4	5	6	7	8	9	10
L 3/4"XDN25	78	113	148	183	218	253	288	323	358	393	428
L 1"XDN25	85	120	155	190	225	260	295	330	365	400	435

R551

	3/4"F x 3/8"F interasse 35	3/4"F x 1/2"F interasse 50	1"F x 3/8"F interasse 35	1"F x 1/2"F interasse 50	1-1/4"F x 1/2"F interasse 50	1-1/4"F x 3/4"F interasse 70	1-1/2"F x 1"F interasse 100	2"F x 1"F interasse 100
C	35	50	35	50	50	70	100	100
D	35	36	41	42	51	51	62	74
E	21	23	23	25	25	27	35	37
F	31	31	38	38	47	47	55	68
H	20	25	20	25	25	31	38,5	38,5

OUTLETS	interasse	G										
		2	3	4	5	6	7	8	9	10	11	12
3/4"F x 3/8"F	35	76	111	146	181	216	251	286	321	360	391	426
3/4"F x 1/2"F	50	95	145	195	245	295	345	395	445	495	545	595
1"F x 3/8"F	35	80	115	150	185	220	255	290	325	360	395	430
1"F x 1/2"F	50	99	149	199	249	299	349	399	449	499	549	599
1-1/4"F x 1/2"F	50	99	149	199	249	299	349	399	449	499	549	599
1-1/4"F x 3/4"F	70	124	194	264	334	404	-	-	-	-	-	-
1-1/2" x 1"F	100	169	269	369	469	569	669	769	869	969	1069	1169
2"F x 1"F	100	174	274	374	474	574	-	-	-	-	-	-

R551S
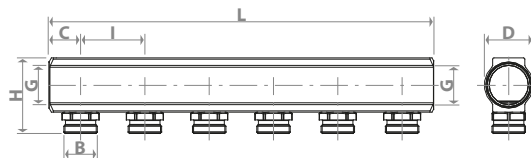
	3/4"x18	1"x18	1-1/4"x18
G	3/4"F	1"F	1-1/4"F
B	18	18	18
I	50	50	50
C	21	25	25
D	31	38	47
H	52	59	68

OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L 3/4"	91	141	191	241	291	341	391	441	491	541	-
L 1"	99	149	199	249	299	349	399	449	499	549	599
L 1-1/4"	99	149	199	249	299	349	399	449	499	549	599

R585CS
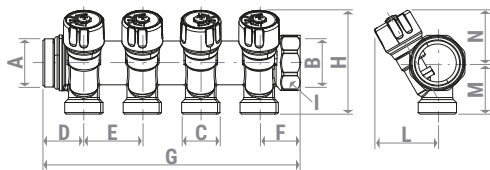
PRODUCT CODE	OUTLETS	A	B	C	D	E	F	G	H	I	L	M	N
R585CY022	2							92					
R585CY023	3	G 3/4"M	G 3/4"F	3/4"E	26,5	40	25,5	132	69	31	40	34	35
R585CY024	4							172					
R585CY042	2							92					
R585CY043	3	G 1"M	G 1"F	3/4"E	28	40	28	132	69	38	40	34	35
R585CY044	4							172					

R580

	3/4"x16	1"x16
G	3/4"F	1"F
B	16	16
I	35 o 50	35 o 50
C	21	23
D	31	38
H	48	54
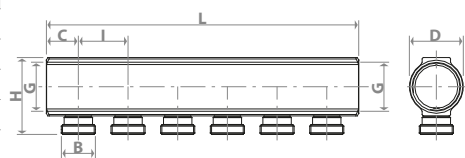
INTERASSE	OUTLETS	2	3	4	5	6	7	8	9	10
35	L 3/4"X16	76	111	146	181	216	251	286	321	356
	L 1"X16	80	115	150	185	220	255	290	325	360
50	L 3/4"X16	91	141	191	241	291	341	391	-	-
	L 1"X16	95	145	195	245	295	345	395	445	495

R587
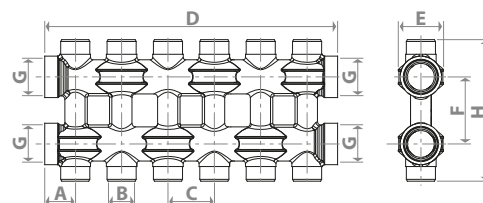
	3/4"x16	1"x16
G	3/4"F	1"F
B	16	16
A	25	25
C	38	38
E	37	43
F	55	55
H	116	119

		D
OUTLETS	3/4"x16	1"x16
4+4	164	164
6+6	240	240
8+8	316	316
10+10	392	392

BALL VALVES AND DRAIN COCKS

Giacomini ball valves are designed to provide high mechanical resistance minimizing required space and guarantee operation with very high working pressures. The finishings used are suitable for hot and cold water systems, domestic water, gases, hydrocarbons, compressed air and dry saturated vapor.
The wide range of products provides the right solution for any need.

GIACOMINI
WATER E-MOTION

◆ Ball valves for water for heating/cooling systems

R950

PRODUCT CODE	SIZE	⬚	⊞
R950X021	1/4"	20	200
R950X022	3/8"	10	100
R950X023	1/2"	5	50
R950X024	3/4"	5	50
R950X025	1"	5	25
R950X026	1-1/4"	4	20
R950X027	1-1/2"	2	10
R950X028	2"	2	10

DADO

DADO ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Red lever handle (water use).

ⓘ **INFO**

Certificate available on giacomini.com

R951

PRODUCT CODE	SIZE	⬚	⊞
R951X021	1/4"	20	200
R951X022	3/8"	10	100
R951X023	1/2"	10	100
R951X024	3/4"	5	50
R951X025	1"	5	25
R951X026	1-1/4"	4	20

DADO

DADO ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Red T-handle (water use).

R910

PRODUCT CODE	SIZE	⬚	⊞
R910X022	3/8"	10	100
R910X023	1/2"	10	100
R910X024	3/4"	5	50
R910X025	1"	5	25
R910X026	1-1/4"	4	20
R910X027	1-1/2"	2	10
R910X028	2"	2	10
R910X029	2-1/2"	2	4
R910X030	3"	1	2
R910X031	4"	1	-

DADO

DADO ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Red lever handle (water use).

R911

PRODUCT CODE	SIZE	⬚	⊞
R911X022	3/8"	10	100
R911X023	1/2"	10	100
R911X024	3/4"	5	50
R911X025	1"	5	25
R911X026	1-1/4"	4	20

DADO

DADO ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Red T-handle (water use).

R910S

PRODUCT CODE	SIZE	⬚	⊞
R910SX003	1/2"	5	50
R910SX004	3/4"	5	25
R910SX005	1"	5	25
R910SX006	1-1/4"	2	20
R910SX007	1-1/2"	2	10
R910SX008	2"	2	10

DADO

DADO ball valve, with female-female threaded connections, with drain cock with hose connection Ø9 mm. Nickel plated brass finishing. Full port. Red lever handle (water use).

ⓘ **INFO**

1/2" - 3/4" - 1": drain cock 1/4".
1-1/4", 1-1/2", 2": drain cock 3/8".

R913

PRODUCT CODE	SIZE	⬚	⊞
R913X022	3/8"	10	100
R913X023	1/2"	5	50
R913X024	3/4"	5	50
R913X025	1"	5	25
R913X026	1-1/4"	2	20

DADO

DADO ball valve, with male-male threaded connections. Nickel plated brass finishing. Full port. Red T-handle (water use).

R913L

PRODUCT CODE	SIZE	⬚	⊞
R913LX022	3/8"	10	100
R913LX023	1/2"	5	50
R913LX024	3/4"	5	50
R913LX025	1"	2	20
R913LX026	1-1/4"	2	20

DADO

DADO ball valve, with male-male threaded connections. Nickel plated brass finishing. Full port. Red lever handle (water use).

R914

PRODUCT CODE	SIZE	⬚	⊞
R914X021	1/4"	20	200
R914X022	3/8"	10	100
R914X023	1/2"	10	100
R914X024	3/4"	5	50
R914X025	1"	5	25
R914X026	1-1/4"	2	20

DADO

DADO ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Red T-handle (water use).

R914L

PRODUCT CODE	SIZE	⬚	⬚
R914LX021	1/4"	20	200
R914LX022	3/8"	10	100
R914LX023	1/2"	5	50
R914LX024	3/4"	5	50
R914LX025	1"	2	20
R914LX026	1-1/4"	2	20
R914LX027	1-1/2"	2	10
R914LX028	2"	2	10

DADO

DADO ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Red lever handle (water use).

R919

PRODUCT CODE	SIZE	⬚	⬚
R919X003	1/2"F x 1/2"M	5	50
R919X004	1/2"F x 3/4"M	5	50
R919X005	3/4"F x 3/4"M	5	25
R919X006	3/4"F x 1"M	2	20
R919X007	1"F x 1"M	2	20
R919X008	1"F x 1-1/4"M	2	20
R919X009	1-1/4"F x 1-1/4"M	2	20

DADO

DADO ball valve, with female-tail piece male threaded connections. Nickel plated brass finishing. Full port. Red T-handle (water use).

R919S

PRODUCT CODE	SIZE	⬚	⬚
R919SX003	1/2"F x 1/2"M	5	50
R919SX005	3/4"F x 3/4"M	5	25
R919SX007	1"F x 1"M	2	20
R919SX009	1-1/4"F x 1-1/4"M	2	10

DADO

DADO ball valve, with female-tail piece male threaded connections, with drain cock with hose connection Ø9 mm. Nickel plated brass finishing. Full port. Red T-handle (water use).

ⓘ **INFO**
1/2" - 3/4" - 1": drain cock 1/4".
1-1/4": drain cock 3/8".

R850

PRODUCT CODE	SIZE	⬚	⬚
R850X021	1/4"	20	200
R850X022	3/8"	10	100
R850X023	1/2"	10	100
R850X024	3/4"	5	50
R850X025	1"	5	25
R850X026	1-1/4"	4	20
R850X027	1-1/2"	3	15
R850X028	2"	2	10
R850X029	2-1/2"	2	4
R850X030	3"	2	4
R850X031	4"	1	2

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Full port. Red lever handle (water use).

DR850

PRODUCT CODE	SIZE	⬚	⬚
DR850Y023	1/2"	10	100
DR850Y024	3/4"	5	50
DR850Y025	1"	5	25
DR850Y026	1-1/4"	4	20
DR850Y027	1-1/2"	4	20
DR850Y028	2"	2	10
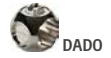
DADO

DADO ball valve, with female-female threaded connections and dezincification resistant (DZR) brass. Brass finishing. Full port. Red lever handle (water use).

R851

PRODUCT CODE	SIZE	⬚	⬚
R851X021	1/4"	20	200
R851X022	3/8"	10	100
R851X023	1/2"	10	100
R851X024	3/4"	5	50
R851X025	1"	5	50
R851X026	1-1/4"	5	25

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Full port. Red T-handle (water use).

R851TH

PRODUCT CODE	SIZE	⬚	⬚
R851TX002	3/8"	1	50
R851TX003	1/2"	1	50
R851TX004	3/4"	1	50
R851TX005	1"	1	40
R851TX006	1-1/4"	1	20
R851TX007	1-1/2"	2	20
R851TX008	2"	2	10

Ball valve, with female-female threaded connections, for pipes with high insulation thickness. Chrome plated brass finishing. Full port. Extended T-handle with red, blue plates (water use).

R854

PRODUCT CODE	SIZE	⬚	⬚
R854X023	1/2"	5	50
R854X024	3/4"	5	50
R854X025	1"	2	20
R854X026	1-1/4"	2	20

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Full port. Red T-handle (water use).

R854L

PRODUCT CODE	SIZE	⊡	⊞
R854LX023	1/2"	5	50
R854LX024	3/4"	5	50
R854LX025	1"	2	20
R854LX026	1-1/4"	2	20
R854LX027	1-1/2"	4	20
R854LX028	2"	2	10

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Full port. Red lever handle (water use).

R859

PRODUCT CODE	SIZE	⊡	⊞
R859X323	1/2"F x 1/2"M	1	50
R859X325	3/4"F x 3/4"M	1	25
R859X327	1"F x 1"M	1	20
R859X329	1-1/4"F x 1-1/4"M	1	20
BLUE T-HANDLE			
R859X343	1/2"F x 1/2"M	1	50
R859X345	3/4"F x 3/4"M	1	25
R859X347	1"F x 1"M	1	20
R859X349	1-1/4"F x 1-1/4"M	1	20

Ball valve, with female-tail piece male threaded connections. Compact version. Chrome plated brass finishing. Full port. ed or blue T-handle (water use).

R859K

PRODUCT CODE	SIZE	⊡	⊞
R859KY007	1"F x 1"M	1	10

Kit with N.2 R859 ball valves with red and blue T-handle (water use).

R752

PRODUCT CODE	SIZE	⊡	⊞
R752X003	1/2"F x 3/4"F nut	5	50

Ball valve, with female-female threaded connections with nut and gasket, with adjustable tail piece (valve length adjustment: 8 mm), specific for meters connection. Chrome plated brass finishing. Full port. Red T-handle (water use).

R789

PRODUCT CODE	SIZE	⊡	⊞
R789X003	1/2"F x 1/2"M - Red	5	50
R789X005	3/4"F x 3/4"M - Red	5	25
R789X045	3/4"F x 3/4"M - Blue	5	25
R789X007	1"F x 1"M - Red	2	20

Angle ball valve, with female-tail piece male threaded connections. Chrome plated brass finishing. Full port. Red or blue T-handle (water use).

R734TH

PRODUCT CODE	SIZE	⊡	⊞
R734TX006	G 1-1/4"F x G 1-1/4"M	1	10
R734TX007	G 1-1/2"F x G 1-1/2"M	1	10

Ball valve, with female-male threaded connections, for pipes with high insulation thickness. Nickel plated brass finishing. Full port. Extended T-handle with red plate (water use).

R734TW

PRODUCT CODE	SIZE	⊡	⊞
R734TWY006	For R734T 1-1/4"	1	6
R734TWY007	For R734T 1-1/2"	1	6

Expanded polypropylene (EPP) insulation for R734TH ball valves.

R851T

PRODUCT CODE	SIZE	⊡	⊞
R851TY103	1/2"	10	100
R851TY104	3/4"	5	50
R851TY105	1"	5	25

Ball valve, with female-female threaded connections, with probe holder M10x1 mm female threaded, for probe Ø6 mm. Brass finishing. Full port. Red T-handle (water use).

R859T

PRODUCT CODE	SIZE	⊡	⊞
R859TY005	3/4"F x 3/4"M	5	25
R859TY006	3/4"F x 1"M	2	20
R859TY007	1"F x 1"M	2	20

Ball valve, with female-tail piece male threaded connections, with probe holder M10x1 mm female threaded, for probe Ø6 mm. Brass finishing. Full port. Red T-handle (water use).

R250D

PRODUCT CODE	SIZE	⊡	⊞
R250X001	1/4"	20	200
R250X002	3/8"	10	100
R250X003	1/2"	10	100
R250X004	3/4"	5	50
R250X005	1"	5	25
R250X006	1-1/4"	4	20
R250X007	1-1/2"	2	10
R250X008	2"	2	10
R250X009	2-1/2"	2	4
R250X010	3"	2	4
R250X011	4"	1	2

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Standard port. Red lever handle (water use).

R250DS

PRODUCT CODE	SIZE	⧉	⊞
R250SX003	1/2"	5	50
R250SX004	3/4"	5	50
R250SX005	1"	5	25
R250SX006	1-1/4"	4	20
R250SX007	1-1/2"	2	10
R250SX008	2"	2	10

Ball valve, with female-female threaded connections, with drain cock with hose connection Ø9 mm. Chrome plated brass finishing. Standard port. Red lever handle (water use).

ⓘ **INFO**

1/2" - 3/4" - 1": drain cock 1/4".
1-1/4" - 1-1/2" - 2": drain cock 3/8".

R251D

PRODUCT CODE	SIZE	⧉	⊞
R251X001	1/4"	20	200
R251X002	3/8"	10	100
R251X003	1/2"	10	100
R251X004	3/4"	5	50
R251X005	1"	5	25
R251X006	1-1/4"	5	25

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Standard port. Red T-handle (water use).

R251S

PRODUCT CODE	SIZE	⧉	⊞
R251SX003	1/2"	5	50
R251SX004	3/4"	5	50
R251SX005	1"	5	25

Ball valve, with female-female threaded connections, with drain cock with hose connection Ø9 mm. Chrome plated brass finishing. Standard port. Red T-handle (water use).

ⓘ **INFO**

Drain cock 1/4".

R251TH

PRODUCT CODE	SIZE	⧉	⊞
R251X052	3/8"	1	10
R251X053	1/2"	1	10
R251X054	3/4"	1	5
R251X055	1"	1	5
R251X056	1-1/4"	1	4
R251X057	1-1/2"	1	4
R251X058	2"	1	2

Ball valve, with female-female threaded connections, for pipes with high insulation thickness. Chrome plated brass finishing. Standard port. Extended T-handle with red plate (water use).

R253D

PRODUCT CODE	SIZE	⧉	⊞
R253X002	3/8"	10	100
R253X003	1/2"	10	100
R253X004	3/4"	5	50
R253X005	1"	5	50
R253X006	1-1/4"	4	20

Ball valve, with male-male threaded connections. Chrome plated brass finishing. Standard port. Red T-handle (water use).

R253DL

PRODUCT CODE	SIZE	⧉	⊞
R253LX002	3/8"	10	100
R253LX003	1/2"	10	100
R253LX004	3/4"	5	50
R253LX005	1"	2	20
R253LX006	1-1/4"	2	20

Ball valve, with male-male threaded connections. Chrome plated brass finishing. Standard port. Red lever handle (water use).

R254D

PRODUCT CODE	SIZE	⧉	⊞
R254X001	1/4"	20	200
R254X002	3/8"	10	100
R254X003	1/2"	10	100
R254X004	3/4"	5	50
R254X005	1"	5	25
R254X006	1-1/4"	4	20

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Standard port. Red T-handle (water use).

R254DL

PRODUCT CODE	SIZE	⧉	⊞
R254LX001	1/4"	20	200
R254LX002	3/8"	10	100
R254LX003	1/2"	10	100
R254LX004	3/4"	5	50
R254LX005	1"	2	25
R254LX006	1-1/4"	4	20
R254LX007	1-1/2"	2	10
R254LX008	2"	2	10

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Standard port. Red lever handle (water use).

R259D

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	⬓	⊞
R259X003	1/2"F x 1/2"M - Red	25	50
R259X043	1/2"F x 1/2"M - Blue	1	50
R259X004	1/2"F x 3/4"M - Red	25	50
R259X005	3/4"F x 3/4"M - Red	10	20
R259X045	3/4"F x 3/4"M - Blue	10	20
R259X006	3/4"F x 1"M - Red	10	20
R259X007	1"F x 1"M - Red	20	-
R259X008	1"F x 1-1/4"M - Red	10	20
R259X009	1-1/4"F x 1-1/4"M - Red	10	20

BRASS FINISHING

PRODUCT CODE	SIZE	⬓	⊞
R259Y003	1/2"F x 1/2"M - Red	25	50
R259Y005	3/4"F x 3/4"M - Red	10	20
R259Y006	3/4"F x 1"M - Red	10	20
R259Y007	1"F x 1"M - Red	20	-
R259Y008	1"F x 1-1/4"M - Red	10	20
R259Y009	1-1/4"F x 1-1/4"M - Red	10	20
R259Y025	3/4"F x 3/4"M - Blue	1	20
R259Y027	1"F x 1"M - Blue	1	20
R259Y029	1-1/4"F x 1-1/4"M - Blue	10	20

Ball valve, with female-tail piece male threaded
connections. Chrome plated brass finishing
or brass finishing. Standard port.
Red or blue T-handle (water use).

R259DS

PRODUCT CODE	SIZE	⬓	⊞
R259SX003	1/2"F x 1/2"M	25	50
R259SX004	1/2"F x 3/4"M	25	50
R259SX005	3/4"F x 3/4"M	10	20
R259SX006	3/4"F x 1"M	10	20
R259SX007	1"F x 1"M	10	20
R259SX008	1"F x 1-1/4"M	10	20
R259SX009	1-1/4"F x 1-1/4"M	10	20

Ball valve, with female-tail piece male t
hreaded connections, with drain cock
with hose connection Ø9 mm. Chrome plated
brass finishing. Standard port.
Red T-handle (water use).

ⓘ **INFO**

1/2"F - 3/4"F - 1"F: drain cock 1/4".
1-1/4"F: drain cock 3/8".

R259DST

PRODUCT CODE	SIZE	⬓	⊞
R259SX077	1"F x 1"M	1	10

Couple of ball valves with thermometers
(R540 series), with female-tail piece
male threaded connections.
Chrome plate finishing. Standard port.
Red and blue T-handles (water use).
Connection for thermometer: 3/8".

R259K

PRODUCT CODE	SIZE	⬓	⊞
R259KX006	G 3/4"F X G 1"M	1	10
R259KX007	1"F x 1"M	1	10

Pair of ball valve, with female-tail piece
male threaded connections. Chrome plated
brass finishing. Standard port.
Red and blue T-handle (water use).

R258CC

PRODUCT CODE	SIZE	⬓	⊞
R258CX002	Ø15	5	50
R258CX005	Ø22	5	50
R258CX006	Ø28	6	30

Ball valve, with compression connections
for copper pipes. Chrome plated
brass finishing. Standard port.
Red lever handle (water use).

R258DL

PRODUCT CODE	SIZE	⬓	⊞
R258Y002	Ø15	10	100
R258Y004	Ø18	10	100
R258Y005	Ø22	6	60
R258Y006	Ø28	6	30
R258Y007	Ø35	4	20

Ball valve, with Sweat connections
for copper pipes. Brass finishing.
Standard port.
Red lever handle (water use).

R701F

UNI EN 12165 CW617N BRASS

PRODUCT CODE	SIZE	⬓	⊞
R701FY023	G 1/2"F	1	25
R701FY024	G 3/4"F	1	25
R701FY025	G 1"F	1	14

UNI EN 12165 CW602N BRASS "DZR"

PRODUCT CODE	SIZE	⬓	⊞
R701FY112	Rc 3/8"	1	25
R701FY113	Rc 1/2"	1	25
R701FY114	Rc 3/4"	1	25
R701FY115	Rc 1"	1	14

Ball valve with built-in filter,
female-female threaded connections.
Brass finishing. Full port. Red T-handle
(water use).

ⓘ **INFO**

Possibility of installing the P74M magnetic kit inside the
valve body, for even more efficient filtering.

R780P-1

PRODUCT CODE	SIZE	⌷	⊞
R780PX013	1/2"M x 1/2"F nut	8	56
R780PX014	3/4"M x 3/4"F nut	5	35

Angle ball valve, with male-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing. Full port. Red single lug handle (water use).

R781P-1

PRODUCT CODE	SIZE	⌷	⊞
R781PX013	1/2"F x 1/2"F nut	8	56
R781PX014	3/4"F x 3/4"F nut	5	35

Angle ball valve, with female-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing. Full port. Red single lug handle (water use).

R251P-1

PRODUCT CODE	SIZE	⌷	⊞
R251PX012	1/2"F x 1/2"F nut	10	70
R251PX014	3/4"F x 3/4"F nut	10	70

Ball valve, with female-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing. Standard port. Red single lug handle (water use).

R254P

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	⌷	⊞
R254PX004	3/4"M x 3/4"F nut	5	50

BRASS FINISHING

PRODUCT CODE	SIZE	⌷	⊞
R254PY003	1/2"M x 3/4"F nut	5	50
R254PY004	3/4"M x 3/4"F nut	5	50
R254PY034	3/4"M x 3/4"F nut	5	50

Ball valve, with male-female threaded connections with nut and gasket, specific for meters connection. Chrome plated brass finishing or brass finishing. Standard port. Red T-handle (water use).

BALL VALVES WITH NUT.
For under-boiler installation and other hydraulic connections.

R254P-1

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	⌷	⊞
R254PX012	1/2"M x 1/2"F nut - red	10	70
R254PX014	3/4"M x 3/4"F nut - red	10	70

BRASS FINISHING

PRODUCT CODE	SIZE	⌷	⊞
R254PY102	1/2"M x 1/2"F nut - red	10	100
R254PY112	1/2"M x 1/2"F nut - blue	10	100

Ball valve, with male-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing or brass finishing. Standard port. Red or blue single lug handle (water use).

R251P

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	⌷	⊞
R251PX002	1/2"F x 1/2"F nut	8	80
R251PX003	1/2"F x 3/4"F nut	5	50
R251PX004	3/4"F x 3/4"F nut	5	50
R251PX005	3/4"F x 1"F nut	4	40
R251PX006	1"F x 1"F nut	5	25

BRASS FINISHING

PRODUCT CODE	SIZE	⌷	⊞
R251PY003	1/2"F x 3/4"F nut	5	50
R251PY004	3/4"F x 3/4"F nut	5	50
R251PY005	3/4"F x 1"F nut	4	40
R251PY006	1"F x 1"F nut	5	25

Ball valve, with female-female threaded connections with nut and gasket, specific for meters connection. Chrome plated brass finishing or brass finishing. Standard port. Red T-handle (water use).

APPLICATION
· Max. working pressure at 20 °C with water and not dangerous gas: 1,6 MPa (16 bar)
· Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)
· Temperature range: -20÷60 °C
· Max working pressure (MOP) with gas: 0,5 MPa (5 bar)
· Resistance to high temperatures: class B 0,1; 650 °C for 30'
· EN 331:2015 certified

⟩ Ball valves for dangerous gas

R730GA

PRODUCT CODE	SIZE	▢	⊞
R730GAX001	1/4"	20	200
R730GAX002	3/8"	10	100
R730GAX003	1/2"	10	100
R730GAX004	3/4"	5	50
R730GAX005	1"	5	25
R730GAX006	1-1/4"	4	20
R730GAX007	1-1/2"	2	10
R730GAX008	2"	2	10

Ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Yellow lever handle (gas use). EN331:2015 approved.

CERTIFICATIONS AND SYMBOLS

DIN DVGW EN 331

ⓘ **INFO**
Certificate available on giacomini.com

R730GB

PRODUCT CODE	SIZE	▢	⊞
R730GBX003	Rp 1/2"	5	50
R730GBX004	Rp 3/4"	5	50
R730GBX005	Rp 1"	5	25
R730GBX006	Rp 1-1/4"	4	20
R730GBX007	Rp 1-1/2"	2	10
R730GBX008	Rp 2"	2	10

Ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Yellow lever handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

CERTIFICATIONS AND SYMBOLS

DIN DVGW EN 331

ⓘ **INFO**
Certificate available on giacomini.com

R731GA

PRODUCT CODE	SIZE	▢	⊞
R731GAX002	3/8"	10	100
R731GAX003	1/2"	10	100
R731GAX004	3/4"	5	50
R731GAX005	1"	5	25
R731GAX006	1-1/4"	4	20

Ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). EN331:2015 approved.

CERTIFICATIONS AND SYMBOLS

DIN DVGW EN 331

ⓘ **INFO**
Certificate available on giacomini.com

R780GB

PRODUCT CODE	SIZE	▢	⊞
R780GBX003	G 1/2"M x Rp 1/2"	5	50
R780GBX004	G 3/4"M x Rp 3/4"	5	50
R780GBX005	G 1"M x Rp 1"	3	30

Angle ball valve, with male-female threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

CERTIFICATIONS AND SYMBOLS

DIN DVGW EN 331

ⓘ **INFO**
Certificate available on giacomini.com

R734LGA

PRODUCT CODE	SIZE	▢	⊞
R734LGAX001	G 1/4"F x G 1/4"M	20	200
R734LGAX002	G 3/8"F x G 3/8"M	10	100
R734LGAX003	G 1/2"F x G 1/2"M	5	50
R734LGAX004	G 3/4"F x G 3/4"M	5	50
R734LGAX005	G 1"F x G 1"M	5	25
R734LGAX006	G 1-1/4"F x G 1-1/4"M	4	24
R734LGAX007	G 1-1/2"F x G 1-1/2"M	2	10
R734LGAX008	G 2"F x G 2"M	2	10

Ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Yellow lever handle (gas use). EN331:2015 approved.

CERTIFICATIONS AND SYMBOLS

DIN DVGW EN 331

ⓘ **INFO**
Certificate available on giacomini.com

R781GB

PRODUCT CODE	SIZE	▢	⊞
R781GBX003	Rp 1/2" x G 1/2"M	5	50
R781GBX004	Rp 3/4" x G 3/4"M	5	50
R781GBX005	Rp 1" x G 1"M	3	30

Angle ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

CERTIFICATIONS AND SYMBOLS

DIN DVGW EN 331

ⓘ **INFO**
Certificate available on giacomini.com

R734GA

PRODUCT CODE	SIZE	▢	⊞
R734GAX002	3/8"F	10	100
R734GAX003	1/2"F	10	100
R734GAX004	3/4"F	5	50
R734GAX005	1"F	5	25
R734GAX006	1-1/4"F	2	20

Ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). EN331:2015 approved.

CERTIFICATIONS AND SYMBOLS

DIN DVGW EN 331

ⓘ **INFO**
Certificate available on giacomini.com

R782GB

PRODUCT CODE	SIZE	▢	⊞
R782GBX003	G 1/2"M x G 1/2"M	5	50

Angle ball valve, with male-male threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

CERTIFICATIONS AND SYMBOLS

DIN DVGW EN 331

ⓘ **INFO**
Certificate available on giacomini.com

R783GB

PRODUCT CODE	SIZE	⬚	⊞
R783GBX003	Rp 1/2"	5	50
R783GBX004	Rp 3/4"	5	50
R783GBX005	Rp 1"	3	30

Angle ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

ⓘ **INFO**

Certificate available on giacomini.com

CERTIFICATIONS AND SYMBOLS

EN 331

R910

PRODUCT CODE	SIZE	⬚	⊞
R910X009	2-1/2"	2	4
R910X010	3"	1	2
R910X011	4"	1	-

DADO ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Yellow lever handle (gas use).

ⓘ **INFO**

Certificate available on giacomini.com

DADO

R950

PRODUCT CODE	SIZE	⬚	⊞
R950X001	1/4"	20	200
R950X002	3/8"	10	100
R950X003	1/2"	5	50
R950X004	3/4"	5	50
R950X005	1"	5	25
R950X006	1-1/4"	4	20
R950X007	1-1/2"	2	10
R950X008	2"	1	4

DADO

DADO ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Yellow lever handle (gas use).

ⓘ **INFO**

Certificate available on giacomini.com

⦿ Ball valves for domestic water use with DVGW approval

R950W

PRODUCT CODE	SIZE	⬚	⊞
R950WX002	3/8"	10	100
R950WX003	1/2"	5	50
R950WX004	3/4"	5	50
R950WX005	1"	5	25
R950WX006	1-1/4"	4	20
R950WX007	1-1/2"	2	10
R950WX008	2"	2	10

DADO ball valve, with female-female threaded connections, heavy series, specific for domestic water. Nickel plated brass finishing. Full port. Green lever handle (water use).

R951W

PRODUCT CODE	SIZE	⬚	⊞
R951WX003	1/2"	10	100
R951WX004	3/4"	5	50
R951WX005	1"	5	25
R951WX006	1-1/4"	4	20

DADO ball valve, with female-female threaded connections, heavy series, specific for domestic water. Nickel plated brass finishing. Full port. Green T-handle (water use).

R250WS

PRODUCT CODE	SIZE	⬚	⊞
R250SX143	1/2"	5	50
R250SX144	3/4"	5	50
R250SX145	1"	5	25
R250SX146	1-1/4"	4	20
R250SX147	1-1/2"	2	10
R250SX148	2"	2	10

Ball valve, with female-female threaded connections, with drain cock with hose connection Ø9 mm, specific for domestic water. Nickel plated brass finishing. Standard port. Green lever handle (water use).

ⓘ **INFO**

1/2", 3/4", 1": drain cock 1/4". 1-1/4", 1-1/2", 2": drain cock 3/8".

R250W

PRODUCT CODE	SIZE	⬚	⊞
R250WX022	3/8"	10	100
R250WX023	1/2"	10	100
R250WX024	3/4"	5	50
R250WX025	1"	5	25
R250WX026	1-1/4"	4	20
R250WX027	1-1/2"	2	10
R250WX028	2"	2	10

Ball valve, with female-female threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green lever handle (water use).

R251W

PRODUCT CODE	SIZE		
R251WX022	3/8"	10	100
R251WX023	1/2"	10	100
R251WX024	3/4"	5	50
R251WX025	1"	5	25
R251WX026	1-1/4"	4	20

Ball valve, with female-female threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R251WT

PRODUCT CODE	SIZE		
R251WX102	3/8"	-	-
R251WX103	1/2"	-	-
R251WX104	3/4"	-	-
R251WX105	1"	-	-
R251WX106	1-1/4"	-	-

Ball valve, with female-female threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Extended T-handle with green, red and blue plates (water use).

R251WST

PRODUCT CODE	SIZE		
R251SX103	1/2"	5	50
R251SX104	3/4"	5	50
R251SX105	1"	3	30
R251SX106	1-1/4"	2	10

Ball valve, with female-female threaded connections, with drain cock, specific for domestic water. Nickel plated brass finishing. Standard port. Extended T-handle with green, red and blue plates (water use).

R251WP

PRODUCT CODE	SIZE		
R251WX073	1/2"F x 3/4"F nut	5	50
R251WX074	3/4"F x 3/4"F nut	5	50
R251WX075	3/4"F x 1"F nut	4	40
R251WX076	1"F x 1"F nut	5	25

Ball valve, with female-female threaded connections with nut and gasket, for meters connection, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R253W

PRODUCT CODE	SIZE		
R253WX002	3/8"	10	100
R253WX003	1/2"	10	100
R253WX004	3/4"	5	50
R253WX005	1"	5	50
R253WX006	1-1/4"	4	20

Ball valve, with male-male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R253WL

PRODUCT CODE	SIZE		
R253WX032	3/8"	10	100
R253WX033	1/2"	10	100
R253WX034	3/4"	5	50
R253WX035	1"	2	20
R253WX036	1-1/4"	2	20

Ball valve, with male-male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green lever handle (water use).

R254W

PRODUCT CODE	SIZE		
R254WX022	3/8"	10	100
R254WX023	1/2"	10	100
R254WX024	3/4"	5	50
R254WX025	1"	5	25
R254WX026	1-1/4"	4	20

Ball valve, with female-male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R254WL

PRODUCT CODE	SIZE		
R254WX052	3/8"	10	100
R254WX053	1/2"	10	100
R254WX054	3/4"	5	50
R254WX055	1"	2	25
R254WX056	1-1/4"	2	20
R254WX057	1-1/2"	2	10
R254WX058	2"	2	10

Ball valve, with female-male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green lever handle (water use).

R259W

PRODUCT CODE	SIZE		
R259WX023	1/2"F x 1/2"M	1	50
R259WX024	1/2"F x 3/4"M	1	50
R259WX025	3/4"F x 3/4"M	1	20
R259WX026	3/4"F x 1"M	1	20
R259WX027	1"F x 1"M	1	20
R259WX028	1"F x 1-1/4"M	1	20
R259WX029	1-1/4"F x 1-1/4"M	1	20

Ball valve, with female-tail piece male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R850VW

PRODUCT CODE	SIZE	⬚	⊞
R850VY137	Ø42	2	12
R850VY138	Ø54	2	10

Ball valve, with press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water.
Brass finishing. Full port. Green lever handle (water use). Pressable with "V" profile tongs.

R851VT

PRODUCT CODE	SIZE	⬚	⊞
R851VY102	Ø18	5	50
R851VY103	Ø15	5	50
R851VY104	Ø22	3	30
R851VY105	Ø28	3	15
R851VY106	Ø35	2	10

Ball valve, with press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water. Brass finishing.
Full port. Extended T-handle with green, red and blue plates (water use).
Pressable with "V", "SA" or "M" profile tongs.

R851VTS

PRODUCT CODE	SIZE	⬚	⊞
R851VY152	1/2"F x Ø18	5	50
R851VY153	1/2"F x Ø15	5	50
R851VY154	3/4"F x Ø22	3	30
R851VY155	1"F x Ø28	3	30

Ball valve, with press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water, with drain cock with hose connection Ø9 mm. Brass finishing.
Full port. Extended T-handle with green, red and blue plates (water use).
Pressable with "V", "SA" or "M" profile tongs.

ⓘ **INFO**
Drain cock 1/4".

R854VWL

PRODUCT CODE	SIZE	⬚	⊞
R854VY137	1-1/2"F x Ø42	2	12
R854VY138	2"F x Ø54	2	10

Ball valve, with female threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water. Brass finishing.
Full port. Green lever handle (water use).
Pressable with "V" profile tongs.

R853VT

PRODUCT CODE	SIZE	⬚	⊞
R853VY102	1/2"M x Ø18	5	50
R853VY103	1/2"M x Ø15	5	50
R853VY104	3/4"M x Ø22	3	30
R853VY105	1"M x Ø28	3	30
R853VY106	1-1/4"M x Ø35	2	10

Ball valve, with male threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water.
Brass finishing. Full port. Extended T-handle with green, red and blue plates (water use).
Pressable with "V", "SA" or "M" profile tongs.

R853VWL

PRODUCT CODE	SIZE	⬚	⊞
R853VY137	1-1/2"M x Ø42	2	10
R853VY138	2"F x Ø54	2	10

Ball valve, with male threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water. Brass finishing. Full port. Green lever handle (water use). Pressable with "V" profile tongs.

R854VT

PRODUCT CODE	SIZE	⬚	⊞
R854VY102	1/2"F x Ø18	5	50
R854VY103	1/2"F x Ø15	5	50
R854VY104	3/4"F x Ø22	3	30
R854VY105	1"F x Ø28	3	30
R854VY106	1-1/4"F x Ø35	2	20

Ball valve, with female threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water. Brass finishing. Full port. Extended T-handle with green, red and blue plates (water use). Pressable with "V", "SA" or "M" profile tongs.

R859VT

PRODUCT CODE	SIZE	⬚	⊞
R859VY102	1/2"M x Ø18	5	50
R859VY103	1/2"M x Ø15	5	50
R859VY104	3/4"M x Ø22	3	30
R859VY105	1"M x Ø28	3	15
R859VY106	1-1/4"M x Ø35	2	10

Ball valve, with tail piece male threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water. Brass finishing. Full port. Extended T-handle with green, red and blue plates (water use). Pressable with "V", "SA" or "M" profile tongs.

● Ball valves with alternative standards for water for heating/cooling systems and gas

R250D-BSP

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	▢	▦
R250ZX001	1/4" BSP	20	200
R250ZX002	3/8" BSP	10	100
R250ZX003	1/2" BSP	10	100
R250ZX004	3/4" BSP	5	50
R250ZX005	1" BSP	5	25
R250ZX006	1-1/4" BSP	4	20
R250ZX007	1-1/2" BSP	2	10
R250ZX008	2" BSP	2	10
R250ZX009	2-1/2" BSP	2	4
R250ZX010	3" BSP	2	4
R250ZX011	4" BSP	1	2

BRASS FINISHING

PRODUCT CODE	SIZE	▢	▦
R250ZY001	1/4" BSP	20	200
R250ZY002	3/8" BSP	10	100
R250ZY003	1/2" BSP	10	100
R250ZY004	3/4" BSP	5	50
R250ZY005	1" BSP	5	25
R250ZY006	1-1/4" BSP	4	20
R250ZY007	1-1/2" BSP	2	10
R250ZY008	2" BSP	2	10
R250ZY009	2-1/2" BSP	2	4
R250ZY010	3" BSP	2	4
R250ZY011	4" BSP	1	2

Ball valve, with female-female threaded connections. Chrome plated brass finishing or brass finishing. Standard port. Red lever handle (water use).

R254D-BSP

PRODUCT CODE	SIZE	▢	▦
R254ZX003	1/2" BSP	10	100
R254ZX004	3/4" BSP	5	50
R254ZX005	1" BSP	5	50
R254ZX006	1-1/4" BSP	4	20

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Standard port. Red T-handle (water use).

R910-U

NICKEL PLATED BRASS FINISHING

PRODUCT CODE	SIZE	▢	▦
R910UX003	1/2" NPT	10	100
R910UX004	3/4" NPT	5	50
R910UX005	1" NPT	5	25
R910UX006	1-1/4" NPT	4	20
R910UX007	1-1/2" NPT	2	10
R910UX008	2" NPT	2	10

BRASS FINISHING

PRODUCT CODE	SIZE	▢	▦
R910UY003	1/2" NPT FxF	10	100
R910UY004	3/4" NPT FxF	5	50
R910UY005	1" NPT FxF	5	25
R910UY006	1-1/4" NPT FxF	4	20
R910UY007	1-1/2" NPT FxF	2	10
R910UY008	2" NPT FxF	2	10
R910UY009	2-1/2" NPT FxF	2	4
R910UY010	3" NPT FxF	1	2
R910UY011	4" NPT FxF	1	-

DADO ball valve, with female-female connections. Nickel plated brass finishing or brass finishing. Full port. Red lever handle.

ⓘ **INFO**

For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

R850-U

RED LEVER

PRODUCT CODE	SIZE	▢	▦
R850UY003	1/2"NPT-F	10	100
R850UY004	3/4"NPT-F	5	50
R850UY005	1"NPT-F	5	25
R850UY006	1-1/4"NPT-F	4	20
R850UY007	1-1/2"NPT-F	2	10
R850UY008	2"NPT-F	2	10

YELLOW LEVER

PRODUCT CODE	SIZE	▢	▦
R850UY181	1/4"NPT-F	20	200
R850UY182	3/8"NPT-F	10	100
R850UY183	1/2"NPT-F	10	100
R850UY184	3/4"NPT-F	5	50
R850UY185	1"NPT-F	5	25
R850UY186	1-1/4"NPT-F	4	20
R850UY187	1-1/2"NPT-F	2	12
R850UY188	2"NPT-F	2	10

Ball valve, with female-female connections. Brass finishing. Full port. Red or yellow lever handle.

ⓘ **INFO**

For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

R250D-U

PRODUCT CODE	SIZE	⬜	⊞
R250UY001	1/4" NPT	20	200
R250UY002	3/8" NPT	10	100
R250UY003	1/2" NPT	10	100
R250UY004	3/4" NPT	5	50
R250UY005	1" NPT	6	30
R250UY006	1-1/4" NPT	4	20
R250UY007	1-1/2" NPT	2	10
R250UY008	2" NPT	2	10
R250UY009	2-1/2" NPT	2	4
R250UY010	3" NPT	2	4
R250UY011	4" NPT	1	2

Ball valve, with female-female connections.
Brass finishing. Standard port.
Red lever handle.

ⓘ **INFO**

For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

R254D-U

PRODUCT CODE	SIZE	⬜	⊞
R254UY003	1/2" NPT	10	100
R254UY004	3/4" NPT	5	50
R254UY005	1" NPT	6	36
R254UY006	1-1/4" NPT	4	20

Ball valve, with female-male threaded connections. Brass finishing. Standard port. Red T-handle.

ⓘ **INFO**

For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

❯ Special valves for heating systems

R252

PRODUCT CODE	SIZE	⬜	⊞
R252Y001	1"F x 1-1/2"F nut	2	50
R252Y002	1-1/4"F x 2"F nut	2	20
R252Y003	Ø22 x 1-1/2"F nut	2	50
R252Y004	Ø28 x 1-1/2"F nut	2	50
R252Y021	1"F x 1-1/2"F nut	2	50

Ball valve, with female-female threaded connections with nut and gasket or with compression-female threaded connections with nut and gasket, for the connection of pump or mixing valve. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

R287

PRODUCT CODE	SIZE	⬜	⊞
R287Y005	1"F x 1-1/2"F nut	4	20

Ball valve, with female-female nut threaded connections, specific for pump connection, with additional connections for thermometers or other optional components.
Brass finishing. Standard port.
Red T-handle (water use).

R287M

PRODUCT CODE	SIZE	⬜	⊞
R287MY005	1"F x 1-1/2"F nut	1	10

Couple of ball valves, with female-female nut connections, specific for pump connection, with thermometers (R540 series), check valves (R288), plugs (R92).
Brass finishing. Standard port.
Red and blue T-handles (water use).

R285

PRODUCT CODE	SIZE	⬜	⊞
R285Y001	1"F x 1-1/2" nut connection	4	40
R285Y002	1-1/4"F x 1-1/2" nut connection	4	20
R285Y003	1-1/4"F x 2" nut connection	4	20

Ball valve, with female threaded connection-connection for nut, specific for pump connection. Brass finishing. Standard port. Red T-handle (water use).

ⓘ **INFO**

To be completed with P18LY007 (1 1/2") or P18LY009 (2") nut.
Possibility to install the R288 check valve inside the valve.

R285L

PRODUCT CODE	SIZE	⬚	⊞
R285LY001	1"F x 1-1/2" nut connection	4	40
R285LY003	1-1/4"F x 2" nut connection	4	20

Ball valve, with female threaded connection-connection for nut, specific for pump connection. Brass finishing. Standard port. Red lever handle (water use).

ⓘ **INFO**

To be completed with P18LY007 (1 1/2") or P18LY009 (2") nut. Possibility to install the R288 check valve inside the valve.

R285F

PRODUCT CODE	SIZE	⬚	⊞
R285FY001	1"F x nut 1-1/2"F	1	25
R285FY003	1-1/4"F x nut 2"F	1	25

Ball valve, with female threaded connection-nut female, specific for pump connection, for pipes with high insulation thickness, with integrated check valve. Brass finishing. Standard port. Extended T-handle with red and blue plates (water use).

R248M

PRODUCT CODE	SIZE	⬚	⊞
R248Y023	1/2"M x 3/4"M	5	50

Ball cock, with male-male threaded connections. Brass finishing. Standard port. Red one lug T-handle (water use).

R248F

PRODUCT CODE	SIZE	⬚	⊞
R248Y024	1/2"F x 3/4"M	5	50

Ball cock, with female-male threaded connections. Brass finishing. Standard port. Red one lug T-handle (water use).

R608

PRODUCT CODE	SIZE	⬚	⊞
R608Y012	3/8"	1	100
R608Y013	1/2"	1	100
R608Y014	3/4"	1	50
R608Y022	3/8"	1	100
R608Y023	1/2"	1	100
R608Y024	3/4"	1	50
R608Y033	1/2"	1	100
R608Y034	3/4"	1	50

Ball cock, with male threaded connection-hose connection. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

ⓘ **INFO**

R608Y012, R608Y013, R608Y014: with hose connection, nut and cap.
R608Y022, R608Y023, R608Y024: with hose connection and nut.
R608Y033, R608Y034: with cap only.

R608D

PRODUCT CODE	SIZE	⬚	⊞
R608DY053	1/2"	1	60

Ball cock, with self-sealing male threaded connection-hose connection, nut and cap. Brass finishing. Standard port. Red short lever handle (water use).

R609

PRODUCT CODE	SIZE	⬚	⊞
R609Y012	3/8"	10	100
R609Y013	1/2"	10	100
R609Y014	3/4"	5	50

Ball cock, with male-female threaded connections. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

R610

PRODUCT CODE	SIZE	⬚	⊞
R610Y003	1/2"	10	100

Ball cock, with male-male threaded connections. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

R611

PRODUCT CODE	SIZE	⬚	⊞
R611Y012	3/8"	10	100
R611Y013	1/2"	10	100
R611Y014	3/4"	5	50

Ball cock, with female-female threaded connections. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

R612

PRODUCT CODE	SIZE	⬚	⊞
R612Y003	1/2" x 16	10	100

Ball cock, with male threaded connection-base for adaptor. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

⊙ MINI ball valves

R613

PRODUCT CODE	SIZE	⊡	⊞
R613X003	1/2" x 1/2"	2	90

Under-sink ball cock, with male-male threaded connections. Chrome plated brass finishing. Standard port. Plastic handle (water use).

R614

PRODUCT CODE	SIZE	⊡	⊞
R614X004	1/2" x 3/4"	1	80

Washing machine ball cock, with male-male threaded connections. Chrome plated brass finishing. Standard port. Plastic handle (water use).

R690

PRODUCT CODE	SIZE	⊡	⊞
R690X002	3/8"	1	50
R690X003	1/2"	1	50

MINI series ball valve, with female-female threaded connections. Chrome plated brass finishing. Standard port. Plastic short lever with red, green and blue plates (water use).

R694

PRODUCT CODE	SIZE	⊡	⊞
R694X002	3/8"	1	50
R694X003	1/2"	1	50

MINI series ball valve, with female-male threaded connections. Chrome plated brass finishing. Standard port. Plastic short lever with red, green and blue plates (water use).

⊙ Bib cocks

R619

PRODUCT CODE	SIZE	⊡	⊞
R619IX103	1/2"	5	50

Hose bib, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red short lever handle (water use).

R620

PRODUCT CODE	SIZE	⊡	⊞
R620X003	1/2"	5	50
R620X014	3/4"	5	50
R620X015	1"	3	30

Hose bib, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red T-handle (water use).

R621

PRODUCT CODE	SIZE	⊡	⊞
R621X003	1/2"	5	50
R621X014	3/4"	5	50
R621X015	1"	3	30

Hose bib, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red lever handle (water use).

R622

PRODUCT CODE	SIZE	⊡	⊞
R622X004	3/4"	1	200

Backflow preventer for hydraulic connection to the water distribution network with plastic pipes. Chrome plated brass.

⊙ Accessories and spare parts

R749F

PRODUCT CODE	SIZE	⊡	⊞
R749FY001	3/8" - 1/2"	1	-
R749FY002	3/4" - 1" - 1-1/4"	1	-
R749FY003	1-1/2" - 2"	1	-

Plastic extended T-handle for ball valves, with red, blue and green plates.

R747N

PRODUCT CODE	SIZE	⊡	⊞
R747NY004	2-1/2" - 3"	100	1.000
R747NY005	4"	100	1.000

Metallic locking plate for ball valves (placing this locking plate under the handle allows the valve to be locked in either open or closed position).

R747

PRODUCT CODE	SIZE	⧉	⊞
R747Y001	3/8" - 1/2"	100	1.000
R747Y002	3/4" - 1" - 1-1/4"	100	1.000
R747Y003	1-1/2" - 2"	100	1.000

Metallic locking plate for ball valves
(placing this locking plate under the handle
allows the valve to be locked in either open
or closed position).

ⓘ **INFO**

Not suitable for valves with large lever handle.

R749T

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	⧉	⊞
R749TX101	3/8" - 1/2"	25	250
R749TX102	3/4" - 1" - 1-1/4"	10	100
R749TX103	1-1/2" - 2"	5	50
R749TX004	2-1/2" - 3"	5	50
R749TX005	4"	5	50

BRASS FINISHING

PRODUCT CODE	SIZE	⧉	⊞
R749TY101	3/8" - 1/2"	25	250
R749TY102	3/4" - 1" - 1-1/4"	10	100
R749TY103	1-1/2" - 2"	5	50
R749TY004	2-1/2" - 3"	5	50
R749TY005	4"	5	50

Cylinder extension for ball valves.

ⓘ **INFO**

R749TX101, R749TY101: for all the ball valves of 3/8", 1/2".
R749TX102, R749TY102: for all the ball valves of 3/4", 1", 1-1/4".
R749TX103, R749TY103: for all the ball valves of 1-1/2", 2".
R749TX004, R749TY004: for ball valves R850, R250D of 2-1/2", 3".
R749TX005, R749TY005: for valves R910 of 2-1/2", 3", 4"
and valves R850, R250D of 4".

R37

BRASS FINISH

PRODUCT CODE	SIZE	⧉	⊞
R37Y003	1/2" x 3/4"	25	250
R37Y004	3/4" x 1"	10	100

CHROME PLATED

PRODUCT CODE	SIZE	⧉	⊞
R37X003	1/2" x 3/4"	25	250
R37X004	3/4" x 1"	10	100

Fitting for the meter connection.

P18L

PRODUCT CODE	SIZE	⧉	⊞
P18LY007	1-1/2" for R252, R285, R285L	1	20
P18LY008	1-1/2" for R287	1	25
P18LY009	2" - for R252, R285, R285L	1	20

Brass nut, female thread.

R540F

PRODUCT CODE	SIZE	⧉	⊞
R540FY002	0÷120 °C - red	1	6
R540FY022	0÷120 °C - blue	1	6

Contact thermometer for R749F T-handle.
Scale 0÷120 °C, Ø40 mm.

R288

PRODUCT CODE	SIZE	⧉	⊞
R288Y005	1"	25	250
R288Y006	1-1/4"	25	250

Plastic check valve for R285, R285L, R287M ball
valves.

ⓘ **INFO**

R288Y005: for R285Y001, R285Y002, R285LY001,
R285FY001, R287MY005.
R288Y006: for R285Y003, R285LY003, R285FY003.

R625

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	⧉	⊞
R625X002	3/8"	1	-
R625X003	1/2"	1	-
R625X004	3/4"	1	-
R625X014	1" x R620X014, R621X014 (1")	1	-
R625X015	1-1/4" x R620X015, R621X015 (1")	1	-

BRASS FINISHING

PRODUCT CODE	SIZE	⧉	⊞
R625Y002	3/8"	1	-
R625Y003	1/2"	1	-
R625Y004	3/4"	1	-

Nut and hose connection for ball cocks.

P31LR

PRODUCT CODE	SIZE	⧉	⊞
P31LRY001	1/4"	1	-
P31LRY005	2-1/2" - 3"	1	-
P31LRY006	4"	1	-
P31LRY102	3/8" - 1/2"	1	-
P31LRY103	3/4" - 1" - 1-1/4"	1	-
P31LRY104	1-1/2" - 2"	1	-

Red lever handle for ball valves.

ⓘ **INFO**

Please indicate in your
order the model and the
relative size of the valve.

P31LG

PRODUCT CODE	SIZE	⧉	⊞
P31LGY001	1/4"	1	-
P31LGY005	2-1/2" - 3"	1	-
P31LGY006	4"	1	-
P31LGY102	3/8" - 1/2"	1	-
P31LGY103	3/4" - 1" - 1-1/4"	1	-
P31LGY104	1-1/2" - 2"	1	-

Yellow lever handle for ball valves.

ⓘ **INFO**

Please indicate in your
order the model and the
relative size of the valve.

P31LV

PRODUCT CODE	SIZE	▢	▦
P31LVY102	3/8" - 1/2"	1	100
P31LVY103	3/4" - 1" - 1-1/4"	1	25
P31LVY104	1-1/2" - 2"	1	25

Green lever handle for ball valves.

ⓘ **INFO**

Please indicate in your order the model and the relative size of the valve.

P31FR

T-HANDLE

PRODUCT CODE	SIZE	▢	▦
P31FRY001	1/4"	1	-
P31FRY002	3/8" - 1/2"	1	-
P31FRY003	3/4" - 1" - 1-1/4"	1	-
P31FRY013	3/4" - 1" - 1-1/4"	50	500

ONE LUG T-HANDLE

PRODUCT CODE	SIZE	▢	▦
P31FRY012	3/8" - 1/2"	100	1.000

Red T-handle for ball valves.

ⓘ **INFO**

Please indicate in your order the model and the relative size of the valve.

P31FG

T-HANDLE

PRODUCT CODE	SIZE	▢	▦
P31FGY001	1/4"	1	-
P31FGY002	3/8" - 1/2"	1	-
P31FGY003	3/4" - 1" - 1-1/4"	1	-

ONE LUG T-HANDLE

PRODUCT CODE	SIZE	▢	▦
P31FGY013	3/4" - 1" - 1-1/4"	50	500

Yellow T-handle for ball valves.

ⓘ **INFO**

Please indicate in your order the model and the relative size of the valve.

P31FV

PRODUCT CODE	SIZE	▢	▦
P31FVY002	3/8" - 1/2"	100	1.000
P31FVY003	3/4" - 1" - 1-1/4"	50	500

Green T-handle for ball valves.

ⓘ **INFO**

Please indicate in your order the model and the relative size of the valve.

P31FA

PRODUCT CODE	SIZE	▢	▦
P31FAY002	3/8" - 1/2"	100	1.000
P31FAY003	3/4" - 1" - 1-1/4"	50	500

Blue T-handle for ball valves.

ⓘ **INFO**

Please indicate in your order the model and the relative size of the valve.

P22F

PRODUCT CODE	SIZE	▢	▦
P22FY001	3/8" - 1/2" (red)	1	-
P22FY003	3/4" (red)	1	-
P22FY011	3/8" - 1/2" (yellow)	1	-
P22FY013	3/4" (yellow)	1	-

Metallic red handle for ball cocks.

ⓘ **INFO**

Please indicate in your order the model and the relative size of the valve.

P22L

PRODUCT CODE	SIZE	▢	▦
P22LY001	3/8" - 1/2" (red)	1	-
P22LY003	3/4" (red)	1	-
P22LY011	3/8" - 1/2" (yellow)	1	-
P22LY013	3/4" (yellow)	1	-

Metallic red short lever for ball cocks.

ⓘ **INFO**

Please indicate in your order the model and the relative size of the valve.

P23F

PRODUCT CODE	SIZE	▢	▦
P23FY002	3/8"	1	-
P23FY003	1/2"	1	-
P23FY004	3/4"	1	-

Brass cap and chain for ball cocks.

P23M

PRODUCT CODE	SIZE	▢	▦
P23MY003	1/2"	1	-

Brass plug and chain for ball cocks.

P57G

PRODUCT CODE	SIZE	▢	▦
P57GY007	1-1/2"	50	500
P57GY008	2" x R252	200	1.000
P57GY014	3/4" x R37 1/2"	50	500
P57GY015	1" x R37 3/4"	50	500

Spare gasket for flat seats.

⬤ Technical and dimensional data

⚠ **WARNING**
CHECK THE OPERATING CONDITIONS BY REFERRING TO THE SPECIFIC TECHNICAL DATASHEET

R950

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,9
3/8"	10	49	25	47	13	77	21	7
1/2"	15	60	30	53	16	77	26	13,3
3/4"	20	68	34	69	21	95	32	25,8
1"	25	81	41	77	25	95	41	50,9
1-1/4"	32	95	48	87	30	95	50	103
1-1/2"	40	104	52	107	36	137	55	147
2"	50	126	63	122	44	137	70	222
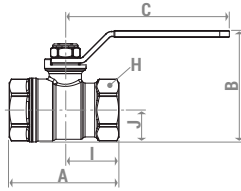
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
Temperature range with dangerous gas and liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)
Max. operating pressure (MOP) with dangerous gas: 0,5 MPa (5 bar)

R911

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	49	25	48	13	63	21	7
1/2"	15	56	28	56	16	63	25	13,3
3/4"	20	62	31	64	21	73	32	25,8
1"	25	76	38	72	25	73	39	50,9
1-1/4"	32	86	43	82	30	73	47	103
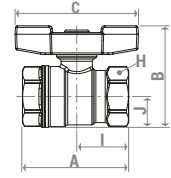
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R951

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	42	17	6,9
3/8"	10	49	25	47	13	63	21	7
1/2"	15	60	30	53	16	63	26	13,3
3/4"	20	68	34	69	21	77	32	25,8
1"	25	81	41	77	25	77	41	50,9
1-1/4"	32	95	48	87	30	77	50	103
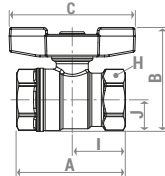
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R910S

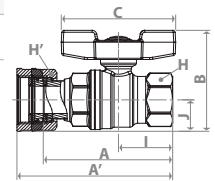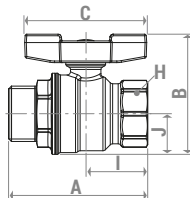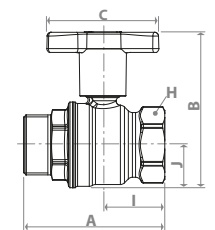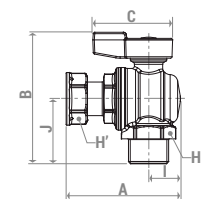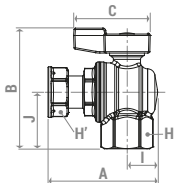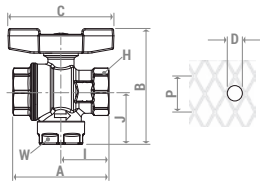| SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	62	34	52	16	77	25	13,3
3/4"	20	68	37	69	21	95	32	25,8
1"	25	82	44	77	25	95	39	50,9
1-1/4"	32	100	57	87	30	95	47	103
1-1/2"	40	110	62	108	37	137	54	147
2"	50	125	69	124	46	137	67	222
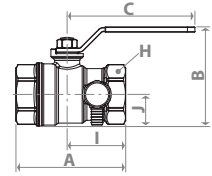
Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
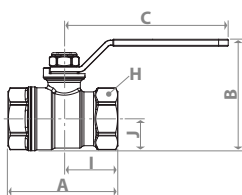Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"

R910

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	50	25	47	13	77	21	7
2"	50	111	55	125	46	137	67	222
2-1/2"	65	153	76	170	58	187	82	336
3"	80	173	87	189	68	187	96	377
4"	100	217	108	242	88	257	126	645
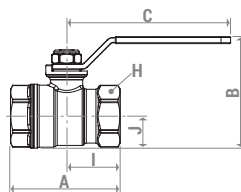
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
2,8 MPa (28 bar) for 2 1/2" - 3" - 4"

R914L

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	36	10	42	17	6,9
3/8"	10	59	25	46	13	77	21	7
1/2"	15	68	28	52	16	77	25	13,3
3/4"	20	76	31	69	21	95	32	25,8
1"	25	88	39	77	25	95	39	50,9
1-1/4"	32	102	43	87	30	95	47	103
1-1/2"	40	105	48	108	37	137	54	147
2"	50	124	55	124	46	137	67	222
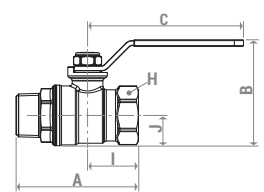
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/4", 3/8", 1/2", 3/4"
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"
Temperature range with liquid hydrocarbons: -20÷60 °C
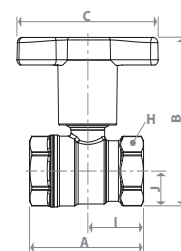Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R914

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	35	10	40	17	6,9
3/8"	10	59	25	48	13	63	21	7
1/2"	15	68	28	55	16	63	25	13,3
3/4"	20	76	31	64	21	73	32	25,8
1"	25	87	38	72	25	73	39	50,9
1-1/4"	32	102	43	82	30	73	47	103
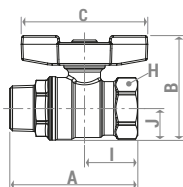
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R913L

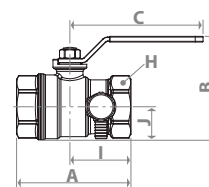| SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	63	28	46	13	77	21	7
1/2"	15	73	34	52	16	77	25	13,3
3/4"	20	82	38	69	21	95	32	25,8
1"	25	92	44	77	25	95	39	50,9
1-1/4"	32	108	50	87	30	95	47	103
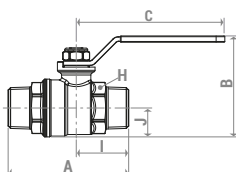
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4" - 3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R913

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	63	28	49	13	63	21	7
1/2"	15	74	34	55	17	63	25	13,3
3/4"	20	82	38	64	21	73	32	25,8
1"	25	93	44	73	25	73	39	50,9
1-1/4"	32	108	50	82	30	73	47	103
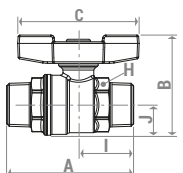
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4" - 3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R919

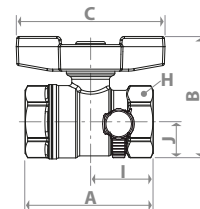| SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	15	88	28	55	17	63	25	30	13,3
1/2"F x 3/4"M	15	90	28	59	21	63	25	38	13,3
3/4"F x 3/4"M	20	97	32	65	22	73	32	38	25,8
3/4"F x 1"M	20	101	31	67	23	73	32	46	25,8
1"F x 1"M	25	109	38	72	25	73	39	46	50,9
1"F x 1-1/4"M	25	115	38	77	30	73	39	53	50,9
1-1/4"F x 1-1/4"M	32	123	43	82	30	73	48	53	103
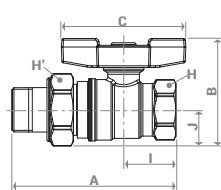
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/2"F - 3/4"F - 3,5 MPa (35 bar) for 1"F - 1-1/4"F
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R919S

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2" M	15	93	34	55	17	63	25	30	13,3
3/4"F x 3/4" M	20	103	37	65	21	73	32	38	25,8
1"F x 1" M	25	115	44	72	26	73	39	46	50,9
1-1/4"F x 1-1/4" M	32	137	57	82	30	73	48	53	103
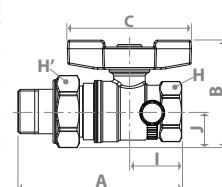
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/2" - 3/4"
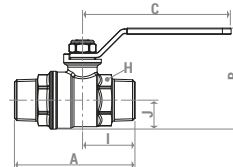3,5 MPa (35 bar) for 1" - 1-1/4"

R850

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,6
3/8"	10	46	23	45	13	77	20	6,7
1/2"	15	53	27	51	16	77	25	12,7
3/4"	20	60	30	67	20	95	31	24,6
1"	25	74	37	76	25	95	38	48,5
1-1/4"	32	84	42	85	29	95	47	98
1-1/2"	40	95	47	104	35	137	54	140
2"	50	109	54	120	43	137	66	211
2-1/2"	58	146	73	154	52	173	82	240
3"	68	160	80	169	60	173	98	269
4"	90	207	104	207	77	187	122	461
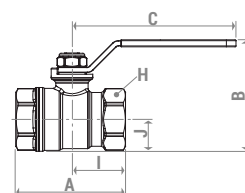
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/4" - 3/8" - 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1-1/4" - 1-1/2" - 2"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R851

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	35	10	40	17	6,6
3/8"	10	46	23	48	13	63	20	6,7
1/2"	15	53	27	54	16	63	25	12,7
3/4"	20	60	30	63	20	73	31	24,6
1"	25	74	37	72	25	73	38	48,5
1-1/4"	32	84	42	82	29	73	47	98
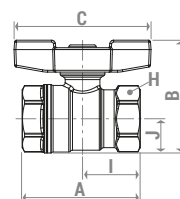
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/4" - 3/8" - 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R851TH

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	46	23	73	13	78	20	6,7
1/2"	15	53	27	80	16	78	25	12,7
3/4"	20	60	30	89	20	78	31	24,6
1"	25	74	37	98	24	78	38	48,5
1-1/4"	32	84	42	108	30	78	47	98
1-1/2"	40	95	47	141	35	96	54	140
2"	50	109	54	156	43	96	66	211
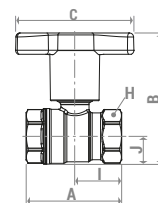
Temperature range with water and not dangerous gas:
-20÷110 °C (-20 °C with 50 % glycol solutions), possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 3/8" - 1/2" - 3/4" - 2,8 MPa (28 bar) for 1" - 1-1/4" - 1-1/2" - 2"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R851T

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	53	27	73	35	63	25	12,7
3/4"	20	60	30	80	37	73	31	24,6
1"	25	74	37	86	39	73	38	48,5

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
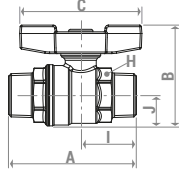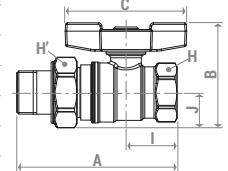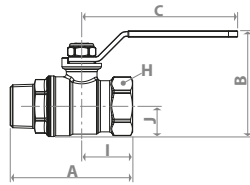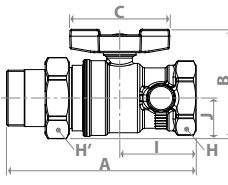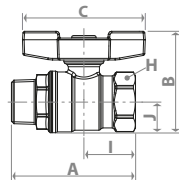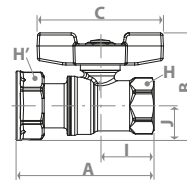3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1"

R854L

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	66	27	52	16	77	25	12,7
3/4"	20	74	30	67	20	94	31	24,6
1"	25	86	37	76	24	94	38	48,5
1-1/4"	32	100	42	85	29	94	47	98
1-1/2"	40	110	47	105	35	136	54	140
2"	50	129	54	120	43	136	67	211

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1-1/4" - 1-1/2" - 2"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R854

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	64	27	54	16	63	25	12,7
3/4"	20	72	30	64	20	73	31	24,6
1"	25	83	37	72	24	73	38	48,5
1-1/4"	32	97	42	82	29	73	47	98

Min. working temperature:
-20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam:
185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R859

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x 1/2" M	15	74	27	54	16	63	25	30	12,7
3/4" F x 3/4" M	20	83	30	64	20	73	31	38	24,6
1" F x 1" M	25	95	31	72	24	73	38	46	48,5
1-1/4" F x 1-1/4" M	32	112	42	82	30	73	47	53	98

Min. working temperature:
-20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R859T

SIZE	DN	A	I	B	J	C	H	H'	Kv
3/4"F x 3/4" M	20	95	30	80	36	73	31	38	24,6
3/4"F x 1" M	20	100	30	80	36	73	31	46	24,6
1"F x 1" M	25	108	37	84	38	73	38	46	48,5

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar) for 3/4"F
2,8 MPa (28 bar) for 1"F

R789

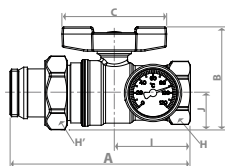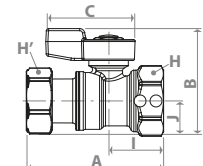| SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x 1/2" M	15	79	18	71	33	63	26	30	4,8
3/4"F x 3/4" M	20	89	21	82	39	73	32	38	8
1"F x 1" M	25	100	25	94	46	73	41	46	21,3

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
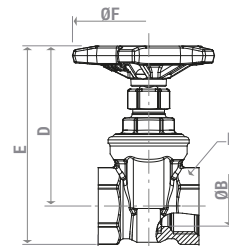Max. working pressure at 20 °C with water and not dangerous gas: 1,6 MPa (16 bar)
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R752

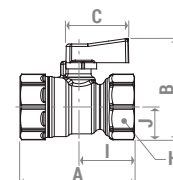| SIZE	DN	A	A'	I	B	J	C	H	H'	Kv
1/2"F x nut 3/4"F	15	74	82	30	56	18	63	26	30	12,7

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar)

R734TH

SIZE	DN	A	I	B	J	C	H	Kv
G 1-1/4"F x G 1-1/4"M	32	98	43	108	30	78	47	98
G 1-1/2"F x G 1-1/2"M	40	105	48	143	37	96	54	140

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions) possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water and not dangerous gas: 2,8 MPa (28 bar)
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R780P-1

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"M x nut 1/2"F	15	65	17	78	40	44	26	24	4,8
3/4"M x nut 3/4"F	20	75	21	86	43	52	32	30	8

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
1,6 MPa (16 bar)

R781P-1

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x nut 1/2"F	15	65	17	71	33	44	26	24	4,8
3/4"F x nut 3/4"F	20	75	21	83	39	52	31	30	8

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
1,6 MPa (16 bar)

R251TH

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	45	23	75	14	78	21	6,7
1/2"	14	54	27	77	15	78	25	10,2
3/4"	18	18	31	86	18	78	32	18,5
1"	22	22	38	95	23	78	39	36,3
1-1/4"	28	28	42	104	28	78	48	73,5
1-1/2"	35	35	46	136	33	98	55	105
2"	45	45	54	152	41	98	67	158

Temperature range with water and not dangerous gas:
-20÷110 °C (-20 °C with 50 % glycol solutions), possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4" -3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R701F

SIZE	DN	A	I	B	J	C	H	W	P	D	N	Kv
G 1/2"F x G 1/2"F	15	59	30	69	31	63	ch.25	ch.27	1	500	70	2,5
G 3/4"F x G 3/4"F	20	66	33	80	36	73	ch.31	ch.30	1	500	70	4,6
G 1"F x G 1"F	25	79	40	94	46	73	ch.38	ch.40	1	500	70	10

Temperature range: 5÷110 °C
Max. working pressure at 20 °C with water:
3,2 MPa (32 bar)

R250DS

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	59	32	49	15	77	25	10,2
3/4"	18	69	36	64	18	94	32	18,5
1"	22	81	43	73	23	94	39	36,3
1-1/4"	28	98	56	82	28	94	48	73,5
1-1/2"	35	107	60	100	33	136	55	105
2"	45	121	67	115	41	136	67	158

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"

R250D

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,6
3/8"	10	45	22	46	14	77	21	6,7
1/2"	14	54	27	49	15	77	25	10,2
3/4"	18	63	31	64	18	94	32	18,5
1"	22	75	38	73	23	94	39	36,3
1-1/4"	28	84	42	82	28	94	48	73,5
1-1/2"	35	93	46	100	33	136	55	105
2"	45	107	54	115	41	136	67	158
2-1/2"	58	146	73	154	52	173	82	240
3"	68	160	80	169	60	173	98	269
4"	90	207	104	207	77	187	122	461

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4" - 3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
2,8 MPa (28 bar) for 2 1/2" - 3" - 4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R251S

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	59	32	50	15	63	25	10,2
3/4"	18	69	36	60	18	73	32	18,5
1"	22	81	43	69	23	73	39	36,3

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) per 1"

R251D

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	35	10	40	17	6,6
3/8"	10	45	22	46	14	63	21	6,7
1/2"	14	54	27	51	15	63	25	10,2
3/4"	18	63	31	60	18	73	32	18,5
1"	22	75	38	73	23	73	39	36,3
1-1/4"	28	84	42	78	28	73	48	73,5

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) per 1/4" - 3/8" - 1/2" - 3/4"
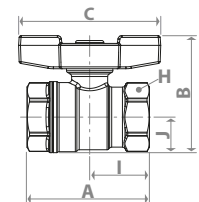3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R253DL

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	77	19	6,7
1/2"	14	66	29	51	15	77	22	10,2
3/4"	18	79	33	60	19	94	29	18,5
1"	22	91	40	69	23	94	36	36,3
1-1/4"	28	108	47	78	28	94	44	73,5

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R253D

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	63	19	6,7
1/2"	14	66	29	51	15	63	22	10,2
3/4"	18	79	33	60	19	73	29	18,5
1"	22	91	40	69	23	73	36	36,3
1-1/4"	28	108	47	78	28	73	44	73,5

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R259D

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	14	86	27	53	17	63	25	30	10,2
1/2"F x 3/4" M	14	87	27	57	21	63	25	38	10,2
3/4"F x 3/4" M	18	96	31	63	21	73	32	38	18,5
3/4"F x 1" M	18	101	31	67	26	73	32	46	18,5
1"F x 1" M	22	110	38	72	26	73	39	46	36,3
1"F x 1-1/4" M	22	114	38	76	30	73	39	53	36,3
1-1/4"F x 1-1/4" M	28	125	42	80	30	73	48	53	73,5

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/2"F - 3/4"F - 3,5 MPa (35 bar) for 1"F - 1-1/4"F
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R254DL

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	36	10	43	17	6,6
3/8"	10	55	22	46	14	77	21	6,7
1/2"	14	64	27	49	15	77	25	10,2
3/4"	18	76	31	64	18	94	32	18,5
1"	22	89	38	73	23	94	39	36,3
1-1/4"	28	100	42	82	28	94	48	73,5
1-1/2"	35	105	46	100	33	136	55	105
2"	45	124	54	115	41	136	67	158

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R259DS

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2" M	14	91	32	53	17	63	25	30	10,2
1/2"F x 3/4" M	14	93	32	57	21	63	25	38	10,2
3/4"F x 3/4" M	18	102	37	63	21	73	32	38	18,5
3/4"F x 1" M	18	107	37	67	26	73	32	46	18,5
1"F x 1" M	22	116	53	72	26	73	39	46	36,3
1"F x 1-1/4" M	22	120	53	76	30	73	39	53	36,3
1-1/4"F x 1-1/4" M	28	138	56	80	30	73	48	53	73,5

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/2"F - 3/4"F
3,5 MPa (35 bar) for 1"F - 1-1/4"F

R254D

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	35	10	40	17	6,6
3/8"	10	55	22	46	14	63	21	6,7
1/2"	14	64	27	51	15	63	25	10,2
3/4"	18	76	31	60	18	73	32	18,5
1"	22	89	38	69	23	73	39	36,3
1-1/4"	28	100	42	78	28	73	48	73,5

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R251P

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x nut 3/4"F	14	76	27	54	18	63	25	30	10,2
3/4"F x nut 3/4"F	14	76	28	54	18	63	32	30	10,2
3/4"F x nut 1"F	18	85	31	63	21	73	32	37	18,5
1"F x nut 1"F	22	105	38	69	23	73	40	37	36,3

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2"F - 3/4"F
3,5 MPa (35 bar) for 1"F

R259DST

SIZE	DN	A	I	B	J	C	H	H'	Kv
1"F x 1" M	22	126	53	72	26	73	40	46	36,3

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water
and not dangerous gas:
3,5 MPa (35 bar)

R251P-1

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x nut 1/2"F	14	68	27	51	15	44	25	24	10,2
3/4"F x nut 3/4"F	14	76	28	54	18	52	32	30	10,2

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
1,6 MPa (16 bar)

R254P

SIZE	DN	A	I	B	J	C	H	H'	Kv
G 3/4"M x nut G 3/4"F	14	75	35	54	18	63	27	30	10,2
G 1/2"M x nut G 3/4"F	14	71	29	54	18	63	22	30	10,2
G 3/4"M x nut G 3/4"F	14	75	35	54	18	63	27	30	10,2

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar)
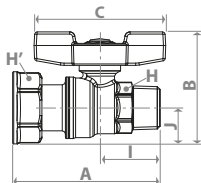
R55

SIZE (Ø A)	Ø B	C	D	Ex.	E	Ø F	Kv
3/8"	12	37	60	22	72	59	8
1/2"	14	43	64	26	79	59	12
3/4"	19	48	76	33	94	72	36
1"	25	54	87	40	109	72	61
1-1/4"	32	62	96	49	130	84	90
1-1/2"	38	64	116	55	147	95	180
2"	51	76	140	69	178	108	290
2-1/2"	60	80	186	84	233	145	400
3"	70	84	198	98	256	145	670
4"	93	96	240	-	-	120	1202

Temperature range: 5÷110 °C
Max. working pressure: 16 bar (a 23 °C) - 10 bar (a 95 °C)

R254P-1

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"M x nut 1/2"F	14	70	29	51	15	44	22	24	10,2
3/4"M x nut 3/4"F	14	75	34	52	18	52	27	30	10,2

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
1,6 MPa (16 bar)
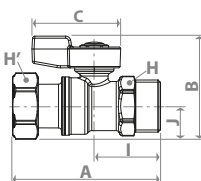
R252

SIZE	DN	A	B	C	Kv
G 1"F x nut G 1-1/2"F	18	1"F	1-1/2"F	53	24,6
G 1-1/4"F x nut G 2"F	25	1-1/4"F	2"F	66,5	36,3
Ø 22 x nut G 1-1/2"F	18	Ø 22	1-1/2"F	58	24,6
Ø 28 x nut G 1-1/2"F	18	Ø 28	1-1/2"F	58	24,6
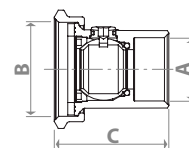
Temperature range: 5÷110 °C
Max. working pressure at 20 °C with water: 0,7 MPa (7 bar)
Max. static pressure with the valve completely open or closed: 4,0 MPa (40 bar)

R285L

SIZE	DN	A	I	B	J	C	H	Kv
1"F x 1-1/2"	22	79	42	95	23	94	40	36,3
1-1/4"F x 2"	28	88	46	113	28	94	48	73,5

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)
Max. working temperature: 100 °C
Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)
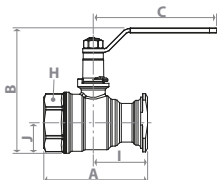
R690

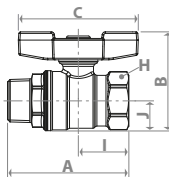| SIZE	DN	A	I	B	J	C	H
3/8"	8	38	17	35	10,5	24	20
1/2"	10	46	22	41	13	24	25

Min. working temperature: 0 °C with glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water
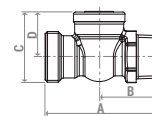and not dangerous gas:
1,6 MPa (16 bar)

R285

SIZE	DN	A	I	B	J	C	H	Kv
1"F x 1-1/2"	22	79	42	92	23	73	40	36,3
1-1/4"F x 1-1/2"	28	88	46	110	28	73	48	73,5
1-1/4"F x 2"	28	88	46	110	28	73	48	73,5

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)
Max. working temperature: 100 °C
Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)
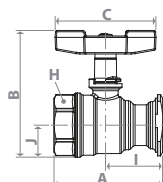
R694

SIZE	DN	A	I	B	J	C	H
3/8"	8	37	17	35	10,5	24	20
1/2"	10	46	22	41	13	24	25

Min. working temperature: 0 °C with glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not
dangerous gas:
1,6 MPa (16 bar)
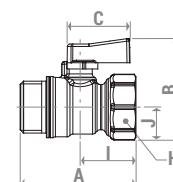
R730GA

SIZE	DN	A	I	B	J	C	H
G 1/4"F x G 1/4"F	8	43	21	37	10	43	17
G 3/8"F x G 3/8"F	10	46	23	45	12	77	20
G 1/2"F x G 1/2"F	15	53	27	51	16	77	25
G 3/4"F x G 3/4"F	20	60	30	67	20	94	31
G 1"F x G 1"F	25	76	38	76	25	94	39
G 1-1/4"F x G 1-1/4"F	32	86	43	86	30	94	47
G 1-1/2"F x G 1-1/2"F	40	97	48	106	37	136	54
G 2"F x G 2"F	50	111	55	123	46	136	67
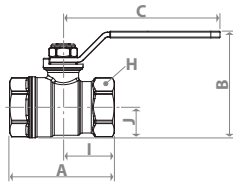
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: **0,5 MPa (5 bar)**

R730GB

SIZE	DN	A	I	B	J	C	H
Rp 1/2" x Rp 1/2"	15	60	30	53	16	77	26
Rp 3/4" x Rp 3/4"	20	68	34	69	21	95	32
Rp 1" x Rp 1"	25	81	41	77	25	95	41
Rp 1-1/4" x Rp 1-1/4"	32	95	48	87	30	95	50
Rp 1-1/2" x Rp 1-1/2"	40	104	52	107	36	137	55
Rp 2" x Rp 2"	50	126	63	122	44	137	70
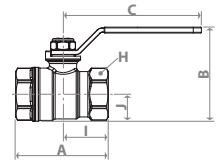
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: **0,5 MPa (5 bar)**
Resistance to high temperatures: **class B 0,1; 650 °C for 30'**

R731GA

SIZE	DN	A	I	B	J	C	H
G 3/8"F x G 3/8"F	10	46	23	47	12	63	20
G 1/2"F x G 1/2"F	15	53	27	54	16	63	25
G 3/4"F x G 3/4"F	20	60	30	67	20	73	31
G 1"F x G 1"F	25	76	38	72	25	73	39
G 1-1/4"F x G 1-1/4"F	32	86	43	82	30	73	47
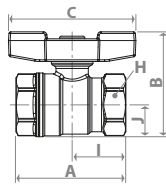
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: **0,5 MPa (5 bar)**

R780GB

SIZE	DN	A	I	B	J	C	H
G 1/2"M x Rp 1/2"	15	50	18	79	41	63	26
G 3/4"M x Rp 3/4"	20	58	21	87	44	73	32
G 1"M x Rp 1"	25	69	25	98	51	73	41
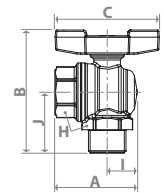
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: **0,5 MPa (5 bar)**
Resistance to high temperatures: **class B 0,1; 650 °C for 30'**

R734GA

SIZE	DN	A	I	B	J	C	H
G 3/8"F x G 3/8"F	10	57	23	47	12	63	20
G 1/2"F x G 1/2"F	15	63	27	54	16	63	25
G 3/4"F x G 3/4"F	20	72	30	67	20	73	31
G 1"F x G 1"F	25	84	38	72	25	73	39
G 1-1/4"F x G 1-1/4"F	32	98	43	82	30	73	47
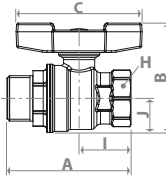
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: **0,5 MPa (5 bar)**

R781GB

SIZE	DN	A	I	B	J	C	H	H'
Rp 1/2" x G 1/2"M	15	59	18	71	33	63	26	22
Rp 3/4" x G 3/4"M	20	68	21	82	39	73	32	29
Rp 1" x G 1"M	25	80	25	94	46	73	41	36
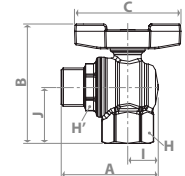
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: **0,5 MPa (5 bar)**
Resistance to high temperatures: **class B 0,1; 650 °C for 30'**

R734LGA

SIZE	DN	A	I	B	J	C	H
G 1/2"F x G 1/2"F	15	63	27	51	16	77	25
G 3/4"F x G 3/4"F	20	72	30	67	20	94	31
G 1"F x G 1"F	25	84	38	76	25	94	39
G 1-1/4"F x G 1-1/4"F	32	98	43	86	30	94	47
G 1-1/2"F x G 1-1/2"F	40	105	48	106	37	136	54
G 2"F x G 2"F	50	124	55	123	46	136	67
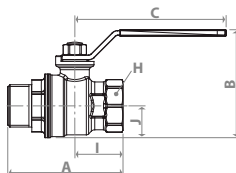
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: **0,5 MPa (5 bar)**

R782GB

SIZE	DN	A	I	B	J	C	H	H'
G 1/2"M x G 1/2"M	15	59	18	79	41	63	26	22

Campo di temperatura: -20÷60 °C
Massima pressione operativa (MOP) con gas: **0,5 MPa (5 bar)**
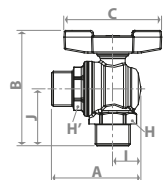
R783GB

SIZE	DN	A	I	B	J	C	H
Rp 1/2" x Rp 1/2"	15	50	18	71	33	63	26
Rp 3/4" x Rp 3/4"	20	58	21	82	39	73	32
Rp 1" x Rp 1"	25	69	25	94	46	73	41

Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
Resistance to high temperatures: class B 0,1; 650 °C for 30'
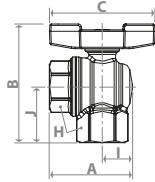
R250WS

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	60	32	49	15	77	25	10,2
3/4"	18	71	36	64	18	94	32	18,5
1"	22	83	43	73	23	94	39	36,3
1-1/4"	28	102	56	82	28	94	48	73,5
1-1/2"	35	110	60	100	33	136	55	105
2"	45	128	67	115	41	136	67	158
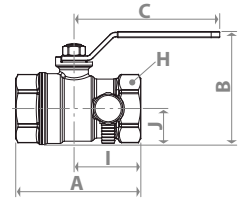
Temperature range with water: 5÷120 °C
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"

R850VW

SIZE	DN	A	I	B	J	C	KV
Ø42	40	158	79	106	36	136	140
Ø54	50	186	91	122	44	136	211

Max. working pressure at 20 °C with water: 2,8 MPa (28 bar)
Max. working temperature: 110 °C
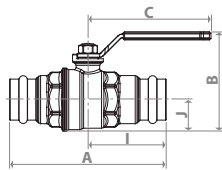
R251W

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	48	24	49	14	63	21	6,7
1/2"	14	56	28	51	15	63	25	10,2
3/4"	18	68	34	60	18	73	32	18,5
1"	22	79	40	69	23	73	40	36,3
1-1/4"	28	92	46	77	27	73	48	73,5

Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"

R851VT

SIZE	DN	A	I	B	J	C	Kv
Ø18	15	100	50	80	16	78	12,7
Ø15	15	100	50	81	17	78	12,7
Ø22	20	116	58	90	20	78	24,6
Ø28	25	122	61	98	25	78	48,5
Ø35	32	130	65	108	30	78	98

Temperature range: 5÷110 °C,
possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22
2,8 MPa (28 bar) for Ø 28, Ø 35
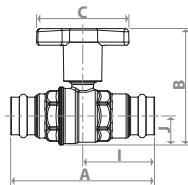
R251WP

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x nut 3/4"F	14	64	28	54	18	63	25	30	10,2
3/4"F x nut 3/4"F	14	66	31	54	18	63	32	30	10,2
3/4"F x nut 1"F	18	77	33	63	21	73	32	37	18,5
1"F x nut 1"F	22	87	40	69	23	73	40	37	36,3
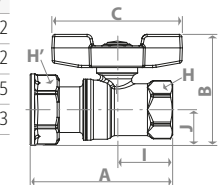
Temperature range with water:
5÷120 °C
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) for 1"

R250W

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	48	24	46	14	77	21	6,7
1/2"	14	56	28	49	15	77	25	10,2
3/4"	18	68	34	64	18	94	32	18,5
1"	22	79	40	73	23	94	39	36,3
1-1/4"	28	92	46	82	28	94	48	73,5
1-1/2"	35	100	50	100	33	136	55	105
2"	45	121	61	115	41	136	67	158

Max. working pressure at 20 °C with water:
3,5 MPa (35 bar), for 15 to 22
2,8 MPa (28 bar), for 28 to 35
Max. working temperature: 110 °C
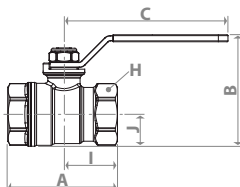
R251WT

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	48	24	75	14	78	21	6,7
1/2"	14	57	28	77	15	78	25	10,2
3/4"	18	68	34	86	18	78	32	18,5
1"	22	79	39,5	95	23	78	40	36,3
1-1/4"	28	92	46	104	28	78	49	73,5

Temperature range with water and not dangerous gas:
5÷110 °C, possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
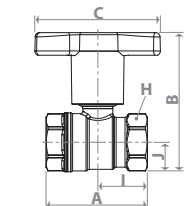
R251WST

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	60	32	77	15	78	25	10,2
3/4"	18	71	36	86	18	78	32	18,5
1"	22	83	43	95	23	78	40	36,3
1-1/4"	28	102	56	104	28	78	49	73,5

Temperature range with water:
5÷110 °C, possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
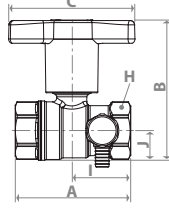
R254WL

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	55	22	46	14	77	21	6,7
1/2"	14	64	27	49	15	77	25	10,2
3/4"	18	76	31	64	18	94	32	18,5
1"	22	89	38	73	23	94	39	36,3
1-1/4"	28	100	42	82	28	94	48	73,5
1-1/2"	35	105	46	100	33	136	55	105
2"	45	124	54	115	41	136	67	158

Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/2"F - 3/4"F
3,5 MPa (35 bar) for 1" F- 1-1/4"F

R253W

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	63	19	6,7
1/2"	14	66	29	51	15	63	22	10,2
3/4"	18	79	33	60	19	73	29	18,5
1"	22	91	40	69	23	73	36	36,3
1-1/4"	28	108	47	78	28	73	44	73,5

Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
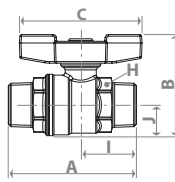
R259W

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	14	86	27	53	17	63	25	30	10,2
1/2"F x 3/4"M	14	87	27	57	21	63	25	38	10,2
3/4"F x 3/4"M	18	96	31	63	21	73	32	38	18,5
3/4"F x 1"M	18	101	31	67	26	73	32	46	18,5
1"F x 1"M	22	110	38	72	26	73	39	46	36,3
1"F x 1-1/4"M	22	114	38	76	30	73	39	53	36,3
1-1/4"F x 1-1/4"M	28	125	42	80	30	73	48	53	73,5

Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/2"F - 3/4"F
3,5 MPa (35 bar) for 1" F- 1-1/4"F

R253WL

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	77	19	6,7
1/2"	14	66	29	51	15	77	22	10,2
3/4"	18	79	33	60	19	94	29	18,5
1"	22	91	40	69	23	94	36	36,3
1-1/4"	28	108	47	78	28	94	44	73,5

Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
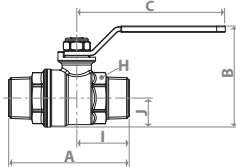
R608

SIZE	DN	A	B	C	D	E	G	Kv
R 3/8"x hose connection Ø 15 mm	10	75	29	33	22	G 1/2"F	6,7	6,7
R 1/2"x hose connection Ø 15 mm	10	78	30	36	22	G 3/4"F	6,7	6,7
R 3/4"x hose connection Ø 18 mm	15	89	36	40	25	G 3/4"F	12,7	6,7

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not dangerous gas:
1,0 MPa (10 bar)
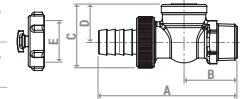
R254W

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	55	22	46	14	63	21	6,7
1/2"	14	64	27	51	15	63	25	10,2
3/4"	18	76	31	60	18	73	32	18,5
1"	22	89	38	69	23	73	39	36,3
1-1/4"	28	100	42	78	28	73	48	73,5

Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"

R608D

SIZE	DN	A	B	C	D	E	F	G	Kv
G 1/2"M x hose connection Ø 15 mm	10	78	30	49	35	G 3/4"F	35	6,7	6,7

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not dangerous gas:
1,0 MPa (10 bar)

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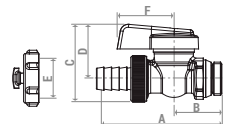
R609

SIZE	DN	A	B	C	D	E	G	Kv
R 3/8" x G 3/8"F	10	54	29	34	22	22	6,7	6,7
R 1/2" x G 1/2"F	10	57	30	36	22	26	6,7	6,7
R 3/4" x G 3/4"F	15	67	36	43	25	32	12,7	6,7
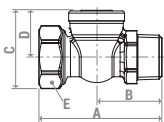
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not dangerous gas:
1,0 MPa (10 bar)

R612

SIZE	DN	A	B	C	D	G	Kv
R 1/2" x B.16	10	57	30	34	22	6,7	6,7

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not dangerous gas:
1,0 MPa (10 bar)

R620

SIZE	DN	A	B	C	D	E	F	G	Kv
R 1/2" x hose connection Ø 15 mm	10	R 1/2" Ø 15	52	30	52	29	64	6,7
R 3/4" x hose connection Ø 20 mm	15	R 3/4" Ø 20	58	37	63	38	62	12,7
R 1" x hose connection Ø 26 mm	18	R 1" Ø 26	74	44	74	42	72	18,5
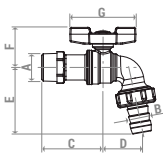
Min. working temperature: 5 °C
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water:
1,0 MPa (10 bar)

R619

SIZE	DN	A	B	C	D	E	F	G	Kv
R 1/2" x hose connection Ø 15 mm	10	R 1/2" Ø 15	62	25	51	31	37	6,7
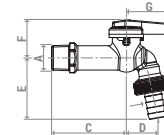
Min. working temperature: 5 °C
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water:
1,0 MPa (10 bar)

R621

SIZE	DN	A	B	C	D	E	F	G	Kv
R 1/2" x hose connection Ø 15 mm	10	R 1/2" Ø 15	52	30	52	29	76	6,7
R 3/4" x hose connection Ø 20 mm	15	R 3/4" Ø 20	58	37	63	38	76	12,7
R 1" x hose connection Ø 26 mm	18	R 1" Ø 26	74	44	74	42	94	18,5
R 1/2" x hose connection Ø 15 mm	10	R 1/2" Ø 15	52	30	52	29	76	6,7
R 3/4" x hose connection Ø 20 mm	15	R 3/4" Ø 20	58	37	63	38	76	12,7
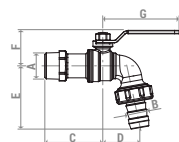
Min. working temperature: 5 °C
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water:
1,0 MPa (10 bar)

FITTINGS

Thanks to our consolidated expertise and skills, we can offer a wide range of fittings and adaptors for every possible installation need. Mechanical compression fittings or those with a metal seal, pressure fittings with multi-tong profile, quick connection fittings: these are just a few of our product lines.

SECTOR OF APPLICATION

Domestic water, cold and hot

Floor heating system and low-temperature radiators

High temperature radiator heating system

Cooling radiant system

Multigas system

GIACOMINI
WATER E-MOTION

❯ Adaptors for multilayer and plastic pipes

R179

❄ 💧 📊 📊

PRODUCT CODE	SIZE	⬜	⊞
R179X034	16 x (15 x 2)	25	250
R179X033	16 x (15 x 2,5)	25	250
R179X041	16 x (16 x 1,5)	25	250
R179X046	16 x (18 x 2,5)	25	250
R179X055	18 x (12 x 1,5)	25	250
R179X094	18 x (15 x 2)	25	250
R179X070	18 x (15 x 2,5)	25	250
R179X077	18 x (16 x 1,5)	25	250
R179X082	18 x (18 x 2,5)	25	250
R179X087	18 x (20 x 2,8)	25	250
R179X086	18 x (20 x 3,4)	25	250
R179X095	18 x (22 x 2)	25	250
R179X105	22 x (25 x 2,3)	25	250
R179X104	22 x (25 x 2,5)	10	100
R179AY071	28 x (32 x 2,9)	10	100
R179AY070	28 x (32 x 4,4)	10	100

Plastic pipe adaptor. For plumbing systems.

R179E

❄ 💧 📊 📊

PRODUCT CODE	SIZE	⬜	⊞
R179EY052	1/2" x (16 x 1,8)	50	500
R179EY055	1/2" x (16 x 2)	25	250
R179EY056	1/2" x (16 x 2,2)	25	250
R179EY058	1/2" x (16,2 x 2,6)	25	250
R179EX021	3/4"E x (12 x 1,5)	25	250
R179EX023	3/4"E x (14 x 2)	25	250
R179EX043	3/4"E x (15 x 1,7)	25	250
R179EY028	3/4"E x (16 x 1,8)	25	250
R179EX024	3/4"E x (16 x 2)	25	250
R179EX028	3/4"E x (16 x 2,2)	25	250
R179EX025	3/4"E x (17 x 2)	25	250
R179EX026	3/4"E x (18 x 2)	25	250
R179EX027	3/4"E x (20 x 2)	25	250
R179EX029	3/4"E x (20 x 2,8)	25	250

Plastic pipe adaptor, Eurocone connection.
For plumbing systems.

R179AM

❄ 💧 📊 📊

PRODUCT CODE	SIZE	⬜	⊞
R179MX012	16 x (14 x 2)	25	250
R179MX014	16 x (16 x 2)	25	250
R179MX013	16 x (16 x 2,2)	25	250
R179MX016	16 x (16,2 x 2,6)	25	250
R179MX019	16 x (17 x 2)	25	250
R179MX015	16 x (18 x 2)	25	250
R179MX020	16 x (20 x 2)	25	250
R179MX036	16 x (20 x 2,25)	25	250
R179MX021	16 x (20 x 2,5)	25	250
R179MX022	18 x (14 x 2)	25	250
R179MX024	18 x (16 x 2)	25	250
R179MX023	18 x (16 x 2,2)	25	250
R179MX028	18 x (16,2 x 2,6)	25	250
R179MX034	18 x (17 x 2)	25	250
R179MX025	18 x (18 x 2)	25	250
R179MX026	18 x (20 x 2)	25	250
R179MX035	18 x (20 x 2,25)	25	250
R179MX027	18 x (20 x 2,5)	25	250
R179MX041	22 x (20 x 2)	25	250
R179MX040	22 x (26 x 3)	25	150
R179MX045	28 x (32 x 3)	10	100

Multilayer and plastic pipe adaptor.
For plumbing systems.

R179SP

❄ 💧 📊 📊

PRODUCT CODE	SIZE	⬜	⊞
R179PY014	1/2" x (16 x 2)	25	250

Multilayer pipe adaptor with flat seat.
For plumbing systems.

T179M

❄ 💧 📊 📊

PRODUCT CODE	SIZE	⬜	⊞
T179MX005	16 x (14 x 2)	1	10
T179MX009	16 x (16 x 2)	1	10
T179MX010	16 x (16 x 2,2)	1	10
T179EX024	3/4"E x (16 x 2)	1	10

Multilayer and plastic pipe adaptor,
polish chrome plated for toweldryer.
For plumbing systems.

⟩ Adaptors for copper pipes

R178

PRODUCT CODE	SIZE	⧉	⊞
R178X011	16 x 9,5	50	500
R178X012	16 x 10	50	250
R178X013	16 x 12	50	250
R178X014	16 x 12,7	50	250
R178X015	16 x 14	50	250
R178X016	16 x 15	25	250
R178X018	16 x 16	50	250
R178X031	18 x 10	50	250
R178X032	18 x 12	25	250
R178X033	18 x 14	50	250
R178X034	18 x 15	50	250
R178X035	18 x 16	50	250
R178X036	18 x 18	50	250
R178X041	22 x 16	50	500
R178X042	22 x 18	25	250
R178X043	22 x 22	25	250

Copper pipe adaptor. For plumbing systems.

R178E

PRODUCT CODE	SIZE	⧉	⊞
R178EY121	1/2" x 10	50	500
R178EY122	1/2" x 12	50	500
R178EY123	1/2" x 14	50	500
R178EY124	1/2" x 15	50	500
R178EY125	1/2" x 16	50	500
R178EX112	3/4"E x 12	50	500
R178EX113	3/4"E x 14	50	500
R178EX104	3/4"E x 15	25	250
R178EX115	3/4"E x 16	50	500
R178EX116	3/4"E x 18	50	500

Copper pipe adaptor, Eurocone connections. For plumbing systems.

R131

PRODUCT CODE	SIZE	⧉	⊞
R131Y001	24	1	-
R131Y003	27/29	1	-
R131Y004	29/30	1	-

R131Y001:
connection 24 for adaptors with Base 12 or 1/2".
R131Y003: connection 27/29 for adaptors with Base 16 and 18.
R131Y004: connection 29/20 for adaptors with Base 18 and 3/4"E.

⟩ Fittings for adaptors

R180R

BRASS FINISH

PRODUCT CODE	SIZE	⧉	⊞
R180RY007	3/8" x 16	50	500
R180RY008	3/8" x 18	50	500
R180RY015	1/2" x 16	50	500
R180RY016	1/2" x 18	25	250
R180RY017	1/2" x 3/4"Eurocone	25	250
R180RY020	3/4" x 16	25	250
R180RY021	3/4" x 18	25	250
R180RY023	3/4" x 22	25	250
R180RY027	1" x 22	20	200
R180RY028	1" x 28	10	100
R180RY034	1 1/4" x 28	10	100

CHROME PLATED

PRODUCT CODE	SIZE	⧉	⊞
R180RX015	1/2" x 16	50	500
R180RX016	1/2" x 18	25	250
R180RX021	3/4" x 18	25	250
R180RX023	3/4" x 22	25	250

Straight fitting, male thread and base
or Eurocone adaptor connections.

R180FR

BRASS FINISH

PRODUCT CODE	SIZE	⧉	⊞
R180RY048	3/8" x 18	50	500
R180RY049	3/8" x 3/4"Eurocone	25	250
R180RY055	1/2" x 16	50	500
R180RY056	1/2" x 18	50	500
R180RY057	1/2" x 3/4"Eurocone	50	500
R180RY060	3/4" x 16	25	250
R180RY061	3/4" x 18	25	250
R180RY063	3/4" x 22	25	250
R180RY068	1" x 28	10	100

CHROME PLATED

PRODUCT CODE	SIZE	⧉	⊞
R180RX055	1/2" x 16	50	500
R180RX056	1/2" x 18	50	500

Straight fitting, female thread and base
or Eurocone adaptor connections.

R178R

BRASS FINISH

PRODUCT CODE	SIZE	▢	▦
R178RY011	16 x 18	25	250
R178RY012	18 x 22	25	250
R178RY013	18 x 3/4"Eurocone	25	250

CHROME PLATED

PRODUCT CODE	SIZE	▢	▦
R178RX003	16 x 1/2"	50	250
R178RX011	16 x 18	25	250
R178RX012	18 x 22	25	250
R178RX013	18 x 3/4"	25	250

Straight fitting, male-female Base adaptor or Eurocone connections.

R560R

BRASS FINISH

PRODUCT CODE	SIZE	▢	▦
R560RY007	base 16	25	250
R560RY008	base 18	25	250
R560RY009	base 22	20	200
R560RY010	base 28	10	100

CHROME PLATED

PRODUCT CODE	SIZE	▢	▦
R560RX007	base 16	25	250
R560RX008	base 18	25	250

Straight fitting, Base adaptor connections.

R561R

BRASS FINISH

PRODUCT CODE	SIZE	▢	▦
R561RY007	base 16	25	250
R561RY008	base 18	25	250
R561RY009	base 22	10	100
R561RY010	base 28	10	100

CHROME PLATED

PRODUCT CODE	SIZE	▢	▦
R561RX007	base 16	25	250
R561RX008	base 18	25	250

90° elbow fitting, Base adaptor connections.

R562R

BRASS FINISH

PRODUCT CODE	SIZE	▢	▦
R562RY015	1/2" x 16	25	250
R562RY016	1/2" x 18	25	250
R562RY021	3/4" x 18	25	250
R562RY023	3/4" x 22	10	100
R562RY027	1" x 22	10	100
R562RY028	1" x 28	10	100
R562RY034	1 1/4" x 28	10	100

CHROME PLATED

PRODUCT CODE	SIZE	▢	▦
R562RX015	1/2" x 16	25	250
R562RX016	1/2" x 18	25	250

90° elbow fitting, male thread and Base adaptor connections.

R563R

BRASS FINISH

PRODUCT CODE	SIZE	▢	▦
R563RY015	1/2" x 16	25	250
R563RY016	1/2" x 18	25	250
R563RY021	3/4" x 18	25	250
R563RY023	3/4" x 22	10	100
R563RY028	1" x 28	10	100

CHROME PLATED

PRODUCT CODE	SIZE	▢	▦
R563RX015	1/2" x 16	25	250
R563RX016	1/2" x 18	25	250

90° elbow fitting, female thread and Base adaptor connections.

R564R

BRASS FINISH

PRODUCT CODE	SIZE	▢	▦
R564RY007	base 16	25	250
R564RY008	base 18	25	250
R564RY009	base 22	10	100
R564RY010	base 28	5	50

CHROME PLATED

PRODUCT CODE	SIZE	▢	▦
R564RX007	base 16	25	250
R564RX008	base 18	25	250

Tee fitting, Base adaptor connections.

R568R

BRASS FINISH

PRODUCT CODE	SIZE	▢	▦
R568RY015	16 x 1/2" x 16	25	250
R568RY016	18 x 1/2" x 18	25	250
R568RY021	18 x 3/4" x 18	10	100
R568RY023	22 x 3/4" x 22	10	100
R568RY028	28 x 1" x 28	5	50

Tee fitting, male thread and Base adaptor connections.

CERTIFICATIONS AND SYMBOLS

A —— A x B x C —— C
B

R569R

BRASS FINISH

PRODUCT CODE	SIZE	▢	▦
R569RY015	16 x 1/2" x 16	25	250
R569RY016	18 x 1/2" x 18	25	250
R569RY021	18 x 3/4" x 18	10	100
R569RY023	22 x 3/4" x 22	10	100
R569RY028	28 x 1" x 28	5	50

Tee fitting, female thread and Base adaptor connections.

CERTIFICATIONS AND SYMBOLS

A —— A x B x C —— C
B

R570R

BRASS FINISH

PRODUCT CODE	SIZE	⬡	⊞
R570RY015	16 x 16 x 1/2"	25	250
R570RY016	18 x 18 x 1/2"	25	250
R570RY021	18 x 18 x 3/4"	10	100
R570RY023	22 x 22 x 3/4"	10	100
R570RY028	28 x 28 x 1"	5	50

Tee fitting, male thread and Base adaptor connections.

CERTIFICATIONS AND SYMBOLS

A x B x C

R571R

BRASS FINISH

PRODUCT CODE	SIZE	⬡	⊞
R571RY015	16 x 16 x 1/2"	25	250
R571RY016	18 x 18 x 1/2"	20	200
R571RY021	18 x 18 x 3/4"	10	100

Tee fitting, female thread and Base adaptor connections.

CERTIFICATIONS AND SYMBOLS

A x B x C

R572R

BRASS FINISH

PRODUCT CODE	SIZE	⬡	⊞
R572RY002	1/2" x 16	10	100
R572RY003	1/2" x 18	10	100

CHROME PLATED

PRODUCT CODE	SIZE	⬡	⊞
R572RX002	1/2" x 16	10	100

90° elbow fitting with wall support, female thread and Base adaptor connections.

R573D

PRODUCT CODE	SIZE	⬡	⊞
R573DY002	1/2" x 16	5	50
R573DY003	1/2" x 18	5	50

Domestic water wall outlet, to be embedded just beneath the wall, with connection for copper, plastic or multilayer pipe.
Plastic protection for the fitting.
Piping connection with Base 16 or Base 18 adaptors.

R573D-1

PRODUCT CODE	SIZE	⬡	⊞
R573DY102	1/2" x 16	5	50

Domestic water wall outlet, to be embedded just beneath the wall, with connection for copper, plastic or multilayer pipe.
Plastic protection for the fitting.
To be use together with R541N copper pipe.
Piping connection with Base 16 or Base 18 adaptors.

R573R

PRODUCT CODE	SIZE	⬡	⊞
R573RY002	1/2" x 16	5	50

Domestic water wall outlet, to be embedded just beneath the wall, with connection for copper, plastic or multilayer pipe.
Red plastic protection for the fitting.
Piping connection with Base 16 adaptors.

R544

PRODUCT CODE	SIZE	⬡	⊞
R544Y002	1/2" x 16	5	30
R544Y003	1/2" x 18	5	30

Domestic water wall outlet, to be embedded just beneath the wall, with double connection for copper, plastic or multilayer pipe.
Plastic protection for the fitting.
Piping connection with Base 16 or Base 18 adaptors.

R577D

PRODUCT CODE	SIZE	⬡	⊞
R577DY001	1/2"	10	100

Plastic cap for installation and pressure test of R573D, R573D-1 domestic water wall outlets.

R577

PRODUCT CODE	SIZE	⬡	⊞
R577Y001	1/2"	5	50

Plastic cap for installation and pressure test of R573R domestic water wall outlets.

R578A

PRODUCT CODE	SIZE	⬡	⊞
R578AY001	-	1	100

Wall bracket to fit R573R domestic water wall outlets.
Center distance between fittings 150 mm.

R578Z

PRODUCT CODE	SIZE	⬡	⊞
R578ZY001	-	1	100

Wall bracket to fit R573D, R573D-1 domestic water wall outlets.
Center distance between fittings 150 mm.

R578C

PRODUCT CODE	SIZE	▭	⊞
R578CY001	-	1	50
R578CY002	-	1	70
R578CY012	-	-	-

Wall bracket to fit R573D, R573D-1, R544 domestic water wall outlets and GX139, RM139 fittings.

P61R

PRODUCT CODE	SIZE	▭	⊞
P61RY001	Ø8	1	-
P61RY002	Ø10	1	-
P61RY003	Ø12	1	-
P61RY004	Ø14	1	-
P61RY005	Ø15	1	-
P61RY006	Ø16	1	-
P61RY007	Ø18	1	-
P61RY009	Ø20	1	-
P61RY008	Ø22	1	-
P61RY010	Ø28	1	-
P61RY011	Ø35	1	-

Ferrule for copper pipe adaptors.

❯ Fittings for multilayer and plastic pipes

R186M

PRODUCT CODE	SIZE	▭	⊞
R186MY046	1/2" x (16 x 2,2)	10	100
R186MY048	1/2" x (16 x 2)	25	150
R186MY060	1/2" x (20 x 2,8)	10	100
R186MY064	1/2" x (20 x 1,9)	10	100
R186MY102	3/4" x (25 x 3,5)	10	100
R186MY104	3/4" x (25 x 2,3)	10	100

Straight fitting, brass finish, male thread and plastic or multilayer pipes connections. For plumbing systems.

R187F

PRODUCT CODE	SIZE	▭	⊞
R187FX048	1/2" x (16 x 2)	10	100
R187FX046	1/2" x (16 x 2,2)	10	100
R187FX052	1/2" x (18 x 2)	10	100
R187FX062	1/2" x (20 x 2)	10	100
R187FX061	1/2" x (20 x 2,5)	10	100
R187FX082	3/4" x (16 x 2)	25	250
R187FX092	3/4" x (18 x 2)	25	150
R187FX096	3/4" x (20 x 2)	10	100
R187FX105	3/4" x (26 x 3)	10	100
R187FX115	1" x (26 x 3)	10	100
R187FX126	1" x (32 x 3)	10	100

Straight fitting, chrome plated brass, female thread and plastic or multilayer pipes connections. For plumbing systems.

R187M

PRODUCT CODE	SIZE	▭	⊞
R187MX048	1/2" x (16 x 2)	10	100
R187MX046	1/2" x (16 x 2,2)	10	100
R187MX057	1/2" x (18 x 2)	25	150
R187MX062	1/2" x (20 x 2)	10	100
R187MX061	1/2" x (20 x 2,5)	10	100
R187MX082	3/4" x (16 x 2)	10	100
R187MX089	3/4" x (18 x 2)	10	100
R187MX096	3/4" x (20 x 2)	10	100
R187MX105	3/4" x (26 x 3)	10	100
R187MX115	1" x (26 x 3)	10	100
R187MX126	1" x (32 x 3)	5	50
R187MX130	1 1/4" x (32 x 3)	5	50

Straight fitting, chrome plated brass, male thread and plastic or multilayer pipes connections. For plumbing systems.

R560AM

PRODUCT CODE	SIZE	▭	⊞
R560MX048	16 x 2	10	100
R560MX052	18 x 2	10	100
R560MX057	20 x 2	10	100
R560MX062	26 x 3	5	50
R560MX126	32 x 3	5	50

Straight fitting, chrome plated brass, plastic or multilayer pipes connections. For plumbing systems.

R561AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R561MX048	16 x 2	10	100
R561MX052	18 x 2	10	100
R561MX057	20 x 2	10	100
R561MX062	26 x 3	5	50
R561MX126	32 x 3	5	25

90° elbow fitting, chrome plated brass, plastic or multilayer pipes connections. For plumbing systems.

R562AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R562MX048	1/2" x (16 x 2)	10	100
R562MX052	1/2" x (18 x 2)	10	100
R562MX057	1/2" x (20 x 2)	10	100
R562MX060	3/4" x (16 x 2)	10	100
R562MX061	3/4" x (20 x 2)	10	100
R562MX062	3/4" x (26 x 3)	10	100
R562MX120	1" x (26 x 3)	5	50
R562MX126	1" x (32 x 3)	5	50

90° elbow fitting, chrome plated brass, male thread and plastic or multilayer pipes connections. For plumbing systems.

R563AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R563MX048	1/2" x (16 x 2)	10	100
R563MX052	1/2" x (18 x 2)	10	100
R563MX057	1/2" x (20 x 2)	10	100
R563MX060	3/4" x (16 x 2)	10	100
R563MX061	3/4" x (20 x 2)	10	100
R563MX062	3/4" x (26 x 3)	10	100
R563MX120	1" x (26 x 3)	5	50
R563MX126	1" x (32 x 3)	5	50

90° elbow fitting, chrome plated brass, female thread and plastic or multilayer pipes connections. For plumbing systems.

R564AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R564MX048	16 x 2	5	50
R564MX052	18 x 2	5	50
R564MX057	20 x 2	10	100
R564MX062	26 x 3	5	50
R564MX126	32 x 3	5	25

Tee fitting, chrome plated brass, plastic or multilayer pipes connections. For plumbing systems.

R565AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R565MX045	(20X2)X(16X2)X(16X2)	10	100
R565MX055	(20X2)X(20X2)X(16X2)	10	100
R565MX062	(26X3)X(16X2)X(26X3)	5	50
R565MX063	(26X3)X(20X2)X(20X2)	5	50
R565MX066	(26X3)X(26X3)X(20X2)	5	50
R565MX073	(32X3)X(20X2)X(32X3)	5	25
R565MX076	(32X3)X(26X3)X(32X3)	5	25

A — A x B x C — C
|
B

Tee fitting, chrome plated brass, plastic or multilayer pipes connections. For plumbing systems.

R566AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R566MX053	(20 x 2) x (16 x 2)	10	100
R566MX060	(26 x 3) x (20 x 2)	5	50
R566MX076	(32 x 3) x (26 x 3)	5	50

Reducer straight fitting, chrome plated brass, plastic or multilayer pipes connections. For plumbing systems.

R568AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R568MX048	(16 x 2) x 1/2" x (16 x 2)	10	100
R568MX057	(20 x 2) x 1/2" x (20 x 2)	10	100
R568MX061	(20 x 2) x 3/4" x (20 x 2)	5	50
R568MX062	(26 x 3) x 3/4" x (26 x 3)	5	50
R568MX126	(32 x 3) x 1" x (32 x 3)	5	25

A — A x B x C — C
|
B

Tee fitting, chrome plated brass, male thread and plastic or multilayer pipes connections. For plumbing systems.

R569AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R569MX048	(16 x 2) x 1/2" x (16 x 2)	10	100
R569MX052	(18 x 2) x 1/2" x (18 x 2)	10	100
R569MX057	(20 x 2) x 1/2" x (20 x 2)	10	100
R569MX061	(20 x 2) x 3/4" x (20 x 2)	5	50
R569MX062	(26 x 3) x 3/4" x (26 x 3)	5	50
R569MX120	(26 x 3) x 1" x (26 x 3)	5	50
R569MX126	(32 x 3) x 1" x (32 x 3)	5	25

A — A x B x C — C
|
B

Tee fitting, chrome plated brass, female thread and plastic or multilayer pipes connections. For plumbing systems.

R572AM

❄ 💧 ⬌ ⬌

PRODUCT CODE	SIZE	⬠	⊞
R572MX048	1/2" x (16 x 2)	10	100
R572MX057	1/2" x (20 x 2)	10	100

90° elbow with wall support, chrome plated brass, female thread and plastic or multilayer pipes connections. For plumbing systems.

▶ Fittings for copper pipes

R180M   ❄ ● ⬚ ☰ 🔥

PRODUCT CODE	SIZE	⬚	⊞
R180MY101	3/8" x 6	25	250
R180MY102	3/8" x 8	25	250
R180MY103	3/8" x 10	25	250
R180MY104	3/8" x 12	25	250
R180MY105	3/8" x 14	25	250
R180MY106	3/8" x 15	25	250
R180MY107	3/8" x 16	25	250
R180MY110	1/2" x 8	25	250
R180MY111	1/2" x 10	25	250
R180MY112	1/2" x 12	25	250
R180MY113	1/2" x 14	25	250
R180MY114	1/2" x 15	25	250
R180MY115	1/2" x 16	25	250
R180MY116	1/2" x 18	25	250
R180MY120	3/4" x 16	25	250
R180MY121	3/4" x 18	25	250
R180MY122	3/4" x 20	10	100
R180MY123	3/4" x 22	10	100
R180MY128	1" x 28	10	100

Straight fitting, brass finish, male thread and copper pipe connections.

R180F   ❄ ● ⬚ ☰ 🔥

PRODUCT CODE	SIZE	⬚	⊞
R180FY102	3/8" x 8	25	250
R180FY103	3/8" x 10	25	250
R180FY104	3/8" x 12	25	250
R180FY105	3/8" x 14	25	250
R180FY111	1/2" x 10	25	250
R180FY112	1/2" x 12	25	250
R180FY113	1/2" x 14	25	250
R180FY114	1/2" x 15	25	250
R180FY115	1/2" x 16	25	250
R180FY116	1/2" x 18	25	250
R180FY120	3/4" x 16	25	250
R180FY121	3/4" x 18	25	250
R180FY123	3/4" x 22	10	100
R180FY128	1" x 28	10	100
R180FY135	1 1/4" x 35	5	50

Straight fitting, brass finish, female thread and copper pipe connections.

R560   ❄ ● ⬚ ☰

PRODUCT CODE	SIZE	⬚	⊞
R560Y002	Ø8	25	250
R560Y003	Ø10	25	250
R560Y004	Ø12	20	200
R560Y005	Ø14	20	200
R560Y006	Ø15	20	200
R560Y007	Ø16	20	200
R560Y008	Ø18	25	250
R560Y009	Ø22	10	100
R560Y010	Ø28	10	100
R560Y011	Ø35	5	50

Straight fitting, brass finish, copper pipe connections. For plumbing systems.

R561   ❄ ● ⬚ ☰

PRODUCT CODE	SIZE	⬚	⊞
R561Y003	Ø10	25	250
R561Y004	Ø12	20	200
R561Y005	Ø14	20	200
R561Y006	Ø15	20	200
R561Y007	Ø16	20	200
R561Y008	Ø18	10	100
R561Y009	Ø22	10	100
R561Y010	Ø28	10	50
R561Y011	Ø35	5	50

90° elbow fitting, brass finish, copper pipe connections. For plumbing systems.

R562   ❄ ● ⬚ ☰ 🔥

PRODUCT CODE	SIZE	⬚	⊞
R562Y102	3/8" x 8	25	250
R562Y103	3/8" x 10	25	250
R562Y104	3/8" x 12	25	250
R562Y105	3/8" x 14	25	250
R562Y111	1/2" x 10	25	250
R562Y112	1/2" x 12	25	250
R562Y113	1/2" x 14	25	250
R562Y114	1/2" x 15	25	250
R562Y115	1/2" x 16	25	250
R562Y116	1/2" x 18	10	100
R562Y121	3/4" x 18	10	100
R562Y123	3/4" x 22	10	100
R562Y128	1" x 28	10	100
R562Y135	1 1/4" x 35	5	50

90° elbow fitting, brass finish, male thread and copper pipe connections.

Supplied with double O-Ring:
- black color for plumbing systems in accordance with EN 681-1 standard;
- yellow color for gas and liquid hydrocarbons systems in accordance with EN 549-EN 682 standard.

R563   ❄ ● ⬚ ☰ 🔥

PRODUCT CODE	SIZE	⬚	⊞
R563Y103	3/8" x 10	25	250
R563Y104	3/8" x 12	25	250
R563Y105	3/8" x 14	25	250
R563Y111	1/2" x 10	25	250
R563Y112	1/2" x 12	25	250
R563Y113	1/2" x 14	25	250
R563Y114	1/2" x 15	25	250
R563Y115	1/2" x 16	25	250
R563Y116	1/2" x 18	10	100
R563Y121	3/4" x 18	10	100
R563Y123	3/4" x 22	10	100
R563Y128	1" x 28	5	50

90° elbow fitting, brass finish, female thread and copper pipe connections.9-EN 682 standard.

Supplied with double O-Ring:
- black color for plumbing systems in accordance with EN 681-1 standard;
- yellow color for gas and liquid hydrocarbons systems in accordance with EN 549-EN 682 standard.

R564

PRODUCT CODE	SIZE	⊡	⊞
R564Y002	Ø8	25	250
R564Y003	Ø10	25	250
R564Y004	Ø12	10	100
R564Y005	Ø14	10	100
R564Y006	Ø15	10	100
R564Y007	Ø16	10	100
R564Y008	Ø18	10	100
R564Y009	Ø22	10	100
R564Y010	Ø28	5	50
R564Y011	Ø35	5	25

Tee fitting, brass finish, copper pipe connections.
For plumbing systems.

R572

PRODUCT CODE	SIZE	⊡	⊞
R572Y112	1/2" x 12	10	100
R572Y113	1/2" x 14	10	100
R572Y114	1/2" x 15	10	100
R572Y115	1/2" x 16	10	100
R572Y116	1/2" x 18	10	100

90° elbow fitting with wall support, brass finish,
female thread and copper pipe connections.

Supplied with double O-Ring:
- black color for plumbing systems in accordance with EN
681-1 standard;
- yellow color for gas and liquid hydrocarbons systems in
accordance with EN 549-EN 682 standard.

R568

PRODUCT CODE	SIZE	⊡	⊞
R568Y112	12 x 1/2" x 12	10	100
R568Y115	16 x 1/2" x 16	10	100
R568Y116	18 x 1/2" x 18	10	100
R568Y121	18 x 3/4" x 18	10	100
R568Y123	22 x 3/4" x 22	10	100
R568Y128	28 x 1" x 28	5	50

CERTIFICATIONS AND SYMBOLS

A — A x B x C — C
B

Tee fitting, brass finish, male thread and copper
pipe connections.

Supplied with double O-Ring:
- black color for plumbing systems in accordance with EN
681-1 standard;
- yellow color for gas and liquid hydrocarbons systems in
accordance with EN 549-EN 682 standard.

P51RN

PRODUCT CODE	SIZE	⊡	⊞
P51RNY000	Ø6	1	-
P51RNY001	Ø8	1	-
P51RNY002	Ø10	1	-
P51RNY003	Ø12	1	-
P51RNY004	Ø14	1	-
P51RNY005	Ø15	1	-
P51RNY006	Ø16	1	-
P51RNY007	Ø18	1	-
P51RNY008	Ø20	1	-
P51RNY009	Ø22	1	-
P51RNY010	Ø28	1	-
P51RNY011	Ø35	1	-

Black O-Ring for copper pipe, in accordance with
EN 681-1 standard, for plumbing systems.

R569

PRODUCT CODE	SIZE	⊡	⊞
R569Y103	10 x 3/8" x 10	25	250
R569Y104	12 x 3/8" x 12	25	250
R569Y105	14 x 3/8" x 14	25	250
R569Y112	12 x 1/2" x 12	10	100
R569Y113	14 x 1/2" x 14	10	100
R569Y114	15 x 1/2" x 15	10	100
R569Y115	16 x 1/2" x 16	10	100
R569Y116	18 x 1/2" x 18	10	100
R569Y121	18 x 3/4" x 18	10	100
R569Y123	22 x 3/4" x 22	10	100
R569Y128	28 x 1" x 28	5	50

CERTIFICATIONS AND SYMBOLS

A — A x B x C — C
B

Tee fitting, brass finish, female thread and
copper pipe connections.

Supplied with double O-Ring:
- black color for plumbing systems in accordance with EN
681-1 standard;
- yellow color for gas and liquid hydrocarbons systems in
accordance with EN 549-EN 682 standard.

P51RG

PRODUCT CODE	SIZE	⊡	⊞
P51RGY001	Ø8	1	-
P51RGY002	Ø10	1	-
P51RGY003	Ø12	1	-
P51RGY004	Ø14	1	-
P51RGY005	Ø15	1	-
P51RGY006	Ø16	1	-
P51RGY007	Ø18	1	-
P51RGY008	Ø20	1	-
P51RGY009	Ø22	1	-
P51RGY010	Ø28	1	-
P51RGY011	Ø35	1	-

Yellow O-Ring for copper pipe, in accordance
with EN 549-EN 682 standards, for gas and liquid
hydrocarbons systems.

⟩ Push fittings

K85RS

PRODUCT CODE	SIZE	⊡	⊞
K85RSY053	RS12 x RS12 - length 900 mm	1	50
K85RSY054	RS12 x 1/2"F - length 400 mm	1	50
K85RSY073	RS16 x RS16 - length 900 mm	1	35
K85RSY074	RS16 x 1/2"NPT-F - length 1000mm	1	30
K85RSY075	RS16 x RS16 - length 2000 mm	1	25
K85RSY076	RS16 x RS16 - length 3400 mm	1	12
K85RSY077	RS16 x RS16 - length 1100 mm	1	25
K85RSY101	RS16 x RS12 - length 400 mm	1	50

Connection kit for radiant ceiling panel with copper activation, consisting of:
- Push fittings, removable type.
- Flexible butyl pipe with low oxygen permeability, conforming to DIN 4726, with stainless steel braid coating.
- Optional P21RS tamper-proof clip.

P21RS

PRODUCT CODE	SIZE	⊡	⊞
P21RSY001	For K85RS 16	100	9.000

Tamper-proof clip for 16 mm K85RS kit.

RC102

PRODUCT CODE	SIZE	⊡	⊞
RC102X004	Ø 12	10	100
RC102X007	Ø 16	10	100

Straight push fitting, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC107

PRODUCT CODE	SIZE	⊡	⊞
RC107X017	G 1/2"M x Ø 16	10	100

Straight push fitting with male thread, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC109

PRODUCT CODE	SIZE	⊡	⊞
RC109X014	G 1/2"F x Ø 12	10	100

Straight push fitting with female thread, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC122

PRODUCT CODE	SIZE	⊡	⊞
RC122X004	Ø 12	10	100
RC122X007	Ø 16	10	100

Elbow push fitting, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC150

PRODUCT CODE	SIZE	⊡	⊞
RC150X007	Ø 16	10	100

Tee push fitting, for plastic pipes.

ⓘ **INFO**

RC900 sleeves must be used when connecting plastic pipes.

RC900

PRODUCT CODE	SIZE	⊡	⊞
RC900Y011	12 x 1,5	100	1.000
RC900Y016	16 x 1,5	100	500

Reinforcement sleeve for push fittings.
To be used in the connection of plastic pipes.

➤ 3-pieces fittings, nipples, other fittings

R18

BRASS FINISH

PRODUCT CODE	SIZE	⬜	▦
R18Y002	G 3/8"F x G 3/8"M	20	200
R18Y003	G 1/2"F x G 1/2"M	10	100
R18Y004	G 3/4"F x G 3/4"M	10	100
R18Y005	G 1"F x G 1"M	5	50
R18Y006	G 1-1/4"F x G 1-1/4"M	5	50
R18Y017	G 1-1/2"F x G 1-1/2"M	2	20
R18Y018	G 2"F x G 2"M	2	10
R18Y007	Rc 1-1/2" x R 1-1/2"	2	20
R18Y008	Rc 2" x R 2"	2	10
R18Y063	Rp 1/2" x R 1/2" - CIG UNI 7129	10	100
R18Y064	Rp 3/4" x R 3/4" - CIG UNI 7129	10	100
R18Y065	Rp 1" x R 1" - CIG UNI 7129	5	50

UNI 7129

CHROME PLATED

PRODUCT CODE	SIZE	⬜	▦
R18X002	G 3/8"F x G 3/8"M	20	200
R18X003	G 1/2"F x G 1/2"M	10	100
R18X004	G 3/4"F x G 3/4"M	10	100
R18X005	G 1"F x G 1"M	5	50
R18X006	G 1-1/4"F x G 1-1/4"M	5	50
R18X017	G 1-1/2"F x G 1-1/2"M	2	20
R18X018	G 2"F x G 2"M	2	10
R18X007	Rc 1-1/2" x R 1-1/2"	2	20
R18X008	Rc 2" x R 2"	2	10

Three-piece straight fitting, with female-tail piece male threaded connections.
For plumbing, thermal solar and gas systems.

R18SP

PRODUCT CODE	SIZE	⬜	▦
R18SPY005	G 1"F x G 1"M	5	50
R18SPY006	G 1-1/4"F x G 1-1/4"M	5	25
R18SPY007	G 1-1/2"F x G 1-1/2"M	2	20
R18SPY008	G 2"F x G 2"M	2	10

Three-piece straight fitting with flat seat, with female-tail piece male threaded connections. For plumbing systems.

R20

PRODUCT CODE	SIZE	⬜	▦
R20Y004	3/4" x 3/4"	10	100

Straight fitting in 3 pieces, with male-male with tail piece threaded connections. For plumbing systems.

P15SP

PRODUCT CODE	SIZE	⬜	▦
P15SPY004	G 3/4"M	1	200
P15SPY005	G 1"M	1	100

Brass tail pieces male threaded with flat seat connection, without nut and gasket.

R19

BRASS FINISH

PRODUCT CODE	SIZE	⬜	▦
R19Y002	G 3/8"F x G 3/8"M	10	100
R19Y003	G 1/2"F x G 1/2"M	10	100
R19Y004	G 3/4"F x G 3/4"M	5	50
R19Y005	G 1"F x G 1"M	5	50
R19Y006	G 1-1/4"F x G 1-1/4"M	2	20
R19Y017	G 1-1/2"F x G 1-1/2"M	2	20
R19Y018	G 2"F x G 2"M	2	12
R19Y007	Rc 1-1/2" x R 1-1/2"	2	20
R19Y008	Rc 2" x R 2"	2	12
R19Y063	Rp 1/2" x R 1/2" - CIG UNI 7129	10	100
R19Y064	Rp 3/4" x R 3/4" - CIG UNI 7129	5	50
R19Y065	Rp 1" x R 1" - CIG UNI 7129	5	50

UNI 7129

CHROME PLATED

PRODUCT CODE	SIZE	⬜	▦
R19X002	G 3/8"F x G 3/8"M	10	100
R19X003	G 1/2"F x G 1/2"M	10	100
R19X004	G 3/4"F x G 3/4"M	5	50
R19X005	G 1"F x G 1"M	5	50
R19X006	G 1-1/4"F x G 1-1/4"M	2	20
R19X017	G 1-1/2"F x G 1-1/2"M	2	20
R19X018	G 2"F x G 2"M	2	12
R19X007	Rc 1-1/2" x R 1-1/2"	2	20
R19X008	Rc 2" x R 2"	2	12

Three-piece 90° elbow fitting, with female-tail piece male threaded connections.
For plumbing, thermal solar and gas systems.

R37

BRASS FINISH

PRODUCT CODE	SIZE	⬜	▦
R37Y003	1/2" x 3/4"	25	250
R37Y004	3/4" x 1"	10	100

CHROME PLATED

PRODUCT CODE	SIZE	⬜	▦
R37X003	1/2" x 3/4"	25	250
R37X004	3/4" x 1"	10	100

Fitting for the meter connection.

R189

PRODUCT CODE	SIZE	⬜	▦
R189Y002	3/8"	50	500
R189Y003	1/2"	50	500
R189Y004	3/4"	25	250
R189Y005	1"	20	200
R189Y006	1 1/4"	10	100
R189Y007	1 1/2"	5	50

Nipple with male-male threaded connections.

R189V

PRODUCT CODE	SIZE	⬜	▦
R189VY004	3/4"	1	25

Nipple with check valve, with male-male threaded connections.

R189D

PRODUCT CODE	SIZE	▢	⊞
R189DY003	1/2"	25	250
R189DY004	3/4"	25	250
R189DY005	1"	20	200
R189DY006	1 1/4"	10	100

Nipple with male-male threaded connections
with self-sealing.

R93

PRODUCT CODE	SIZE	▢	⊞
R93Y003	3/4"M x 1/2"F	20	200
R93Y005	1/2"M x 1/4"F	25	500
R93Y006	1/2"M x 3/8"F	25	250
R93Y010	1"M x 1/2"F	20	200
R93Y011	1"M x 3/4"F	25	250
R93Y012	1 1/4"M x 1/2"F	10	100
R93Y014	1 1/4"M x 1"F	20	200
R93Y018	1 1/2"M x 1 1/4"F	5	50

Reducer fitting, brass finish,
male-female threaded.

R592D

BRASS FINISH

PRODUCT CODE	SIZE	▢	⊞
R592DY004	3/4"	50	500
R592DY005	1"	25	250
R592DY006	1 1/4"	20	200

CHROME PLATED

PRODUCT CODE	SIZE	▢	⊞
R592DX005	1"	25	250
R592DX006	1 1/4"	20	200
R592DX007	1 1/2"	5	50

Plug for manifolds, with self-sealing.

R593D

PRODUCT CODE	SIZE	▢	⊞
R593DY001	3/4"M x 3/8"F	50	500
R593DY002	3/4"M x 1/2"F	25	250
R593DY003	1"M x 3/8"F	25	250
R593DY004	1"M x 1/2"F	25	250
R593DY005	1"M x 3/4"F	25	250
R593DY006	1 1/4"M x 1/2"F	20	200
R593DY007	1 1/4"M x 3/4"F	10	100
R593DY008	1 1/4"M x 1"F	10	100

Reducer male-female threaded,
with self-sealing.

R189DSP

PRODUCT CODE	SIZE	▢	⊞
R189DSPY005	G 1"M x G 1"M flat seat	10	150

Nipple with male-flat seat male threaded
connections with self-sealing and gasket.

R594

PRODUCT CODE	SIZE	▢	⊞
R594Y001	1/2" for 12 mm	50	500
R594Y002	24/19 for 16 mm	25	250
R594Y003	26/19 for 18 mm	25	250
R594Y004	1"	25	250
R594Y005	3/4"	50	500

Cap for manifolds.

R564P

PRODUCT CODE	SIZE	▢	⊞
R564PY004	3/4"	1	25
R564PY005	1"	1	10

Tee fitting, flat seat male thread connections.

P57G

PRODUCT CODE	SIZE	▢	⊞
P57GY014	3/4" x R37 1/2"	50	500
P57GY015	1" x R37 3/4"	50	500

Spare gasket for flat seats.

R567

PRODUCT CODE	SIZE	▢	⊞
R567Y016	18 x 1/2"	50	500

Straight fitting, female thread connection and
pipe shape for Base adaptor.

R177

PRODUCT CODE	SIZE	▢	⊞
R177X009	16 x 3/8"	25	250
R177X010	16 x 1/2"	25	250

Straight fitting, chrome plated brass, female
thread and Base adaptor connections.

GIACOGREEN system

H100

PRODUCT CODE	SIZE		
H100Y002	20	100	-
H100Y003	25	100	-
H100Y004	32	60	-
H100Y005	40	40	-
H100Y006	50	20	-
H100Y007	63	16	-
H100Y008	75	12	-
H100Y009	90	8	-
H100Y011	110	4	-

PP-R pipe 4 m length. For plumbing systems.

H102

PRODUCT CODE	SIZE		
H102Y022	20	10	500
H102Y033	25	5	250
H102Y044	32	5	200
H102Y055	40	1	50
H102Y066	50	1	50
H102Y077	63	1	36
H102Y088	75	1	-
H102Y099	90	1	-
H102Y110	110	1	-

Straight fusion sleeve. For plumbing systems.

H103T

PRODUCT CODE	SIZE		
H103TY057	75 x 20	10	500
H103TY058	75 x 25	10	500
H103TY059	75 x 32	5	200
H103TY060	75 x 40	1	50

Straight fitting, female and saddle male fusion connections. For plumbing systems.

H103

PRODUCT CODE	SIZE		
H103Y032	25 x 20	10	500
H103Y042	32 x 20	5	250
H103Y043	32 x 25	5	200
H103Y054	40 x 32	5	50
H103Y063	50 x 25	1	50
H103Y064	50 x 32	1	50
H103Y065	50 x 40	1	50
H103Y074	63 x 32	1	40
H103Y075	63 x 40	1	40
H103Y076	63 x 50	1	40
H103Y087	75 x 63	1	36
H103Y098	90 x 75	1	24
H103Y119	110 x 90	1	20

Straight fitting, male and female fusion connections. For plumbing systems.

H107

PRODUCT CODE	SIZE		
H107Y023	20 x 1/2"	10	100
H107Y024	20 x 3/4"	10	100
H107Y033	25 x 1/2"	10	100
H107Y034	25 x 3/4"	5	100
H107Y045	32 x 1"	2	50
H107Y047	50 x 1"	1	25
H107Y057	50 x 1 1/4"	1	25
H107Y078	63 x 2"	1	20
H107Y156	40 x 1 1/4"	1	25
H107Y167	50 x 1 1/2"	1	25
H107Y805	75 x 2 1/2"	1	20
H107Y806	90 x 3"	1	6
H107Y097	110 x 3"	1	-

Straight fitting, male thread and female fusion connections. For plumbing systems.

H109

PRODUCT CODE	SIZE	▢	⊞
H109Y023	20 x 1/2"	10	100
H109Y024	20 x 3/4"	10	100
H109Y033	25 x 1/2"	10	100
H109Y034	25 x 3/4"	5	100
H109Y045	32 x 1"	2	50
H109Y156	40 x 1 1/4"	1	25
H109Y047	50 x 1"	1	25
H109Y067	50 x 1 1/2"	1	40
H109Y078	63 x 2"	1	25
H109Y089	75 x 2 1/2"	1	15

Straight fitting, female thread and female fusion connections. For plumbing systems.

H109T

PRODUCT CODE	SIZE	▢	⊞
H109TY005	63-25 x 1/2"F	10	100
H109TY007	75-25 x 1/2"F	10	100
H109TY008	75-25 x 3/4"F	5	100
H109TY009	75-32 x 1"F	5	50

Straight fitting, female thread and saddle male fusion connections. For plumbing systems.

H115

PRODUCT CODE	SIZE	▢	⊞
H115Y024	20 x 3/4"	5	100
H115Y035	25 x 1"	5	100
H115Y046	32 x 1 1/4"	2	20

Straight fitting, 3 pieces, brass nut female fusion connections. For plumbing systems.

H120

PRODUCT CODE	SIZE	▢	⊞
H120Y002	20	10	100
H120Y003	25	5	50
H120Y004	32	5	50

PP-R pipe, cross-over, 380 mm lenght. For plumbing systems.

H121

PRODUCT CODE	SIZE	▢	⊞
H121Y002	20	10	100

PP-R pipe, eneven cross-over, 380 mm lenght. For plumbing systems.

H122

PRODUCT CODE	SIZE	▢	⊞
H122Y022	20	10	500
H122Y033	25	5	250
H122Y044	32	5	100
H122Y055	40	1	50
H122Y066	50	1	30
H122Y077	63	1	24
H122Y088	75	1	12
H122Y099	90	1	18
H122Y110	110	1	4

90° elbow fitting, female fusion connections. For plumbing systems.

H124

PRODUCT CODE	SIZE	▢	⊞
H124Y022	20	10	250
H124Y033	25	5	100
H124Y044	32	5	100

90° elbow fitting, male and female fusion connections. For plumbing systems.

H127

PRODUCT CODE	SIZE	▢	⊞
H127Y023	20 x 1/2"	10	100
H127Y033	25 x 1/2"	10	100
H127Y034	25 x 3/4"	5	50
H127Y045	32 x 1"	2	50

90° elbow fitting, male thread and female fusion connections. For plumbing systems.

H129

PRODUCT CODE	SIZE	▢	⊞
H129Y023	20 x 1/2"	10	100
H129Y033	25 x 1/2"	10	100
H129Y034	25 x 3/4"	5	50
H129Y045	32 x 1"	2	50

90° elbow fitting, female thread and female fusion connections. For plumbing systems.

H130

PRODUCT CODE	SIZE	▢	⊞
H130Y023	20 x 1/2"	10	100

90° elbow fitting, female thread and male fusion connections. For plumbing systems.

H139

PRODUCT CODE	SIZE	⊡	⊞
H139Y023	20 x 1/2"	10	100
H139Y033	25 x 1/2"	5	50
H139Y034	25 x 3/4"	5	50

90° elbow fitting with wall support, female thread and female fusion connections. For plumbing systems.

H144

PRODUCT CODE	SIZE	⊡	⊞
H144Y022	20	10	500
H144Y033	25	5	250
H144Y044	32	5	100
H144Y055	40	1	50
H144Y066	50	1	80
H144Y077	63	1	24
H144Y801	75	1	18
H144Y802	90	1	-
H144Y803	110	1	10

45° elbow fitting, female fusion connections. For plumbing systems.

H150

PRODUCT CODE	SIZE	⊡	⊞
H150Y222	20	10	250
H150Y333	25	5	200
H150Y444	32	5	100
H150Y555	40	1	50
H150Y666	50	1	30
H150Y777	63	1	20
H150Y888	75	1	15
H150Y990	90	1	6
H150Y991	110	1	5

Tee fitting, female fusion connections. For plumbing systems.

H151

PRODUCT CODE	SIZE	⊡	⊞
H151Y322	25 x 20 x 20	10	200
H151Y332	25 x 25 x 20	10	200
H151Y323	25 x 20 x 25	10	200
H151Y424	32 x 20 x 32	5	100
H151Y434	32 x 25 x 32	5	100
H151Y535	40 x 25 x 40	1	30
H151Y545	40 x 32 x 40	1	25
H151Y636	50 x 25 x 50	1	40
H151Y646	50 x 32 x 50	1	40
H151Y656	50 x 40 x 50	1	30
H151Y737	63 x 25 x 63	1	20
H151Y747	63 x 32 x 63	1	20
H151Y757	63 x 40 x 63	1	20
H151Y767	63 x 50 x 63	1	20
H151Y878	75 x 63 x 75	1	5
H151Y879	90 x 75 x 90	1	6
H151Y880	110 x 90 x 110	1	4

Reducer Tee fitting, female fusion connections. For plumbing systems.

CERTIFICATIONS AND SYMBOLS

A x B x C
A——————C
B

H153

PRODUCT CODE	SIZE	⊡	⊞
H153Y232	20 x 1/2" x 20	10	100
H153Y333	25 x 1/2" x 25	10	100
H153Y343	25 x 3/4" x 25	5	50
H153Y454	32 x 1" x 32	2	50

Tee fitting, male thread and female fusion connections. For plumbing systems.

H154

PRODUCT CODE	SIZE	⊡	⊞
H154Y232	20 x 1/2" x 20	10	100
H154Y333	25 x 1/2" x 25	10	100
H154Y343	25 x 3/4" x 25	5	50
H154Y454	32 x 1" x 32	2	50

Tee fitting, female thread and female fusion connections. For plumbing systems.

H165

PRODUCT CODE	SIZE	⊡	⊞
H165Y002	20	10	250
H165Y003	25	5	200
H165Y004	32	5	100
H165Y005	40	1	50
H165Y006	50	1	50
H165Y007	63	1	60

End cap, female fusion connections. For plumbing systems.

H163

PRODUCT CODE	SIZE	⊡	⊞
H163Y023	1/2"M - Red	10	100
H163Y033	1/2"M - Blue	10	100

Plastic plug, for system pressure test. Max. working pressure: 10 bar.

H166

PRODUCT CODE	SIZE	⊡	⊞
H166Y122	20	5	100
H166Y133	25	5	50
H166Y144	32	5	50
H166Y155	40	5	50
H166Y166	50	1	30
H166Y177	63	1	30
H166Y188	75	1	30
H166Y199	90	1	10
H166Y200	110	1	5

Electrofusion sockets. For plumbing systems.

H173

PRODUCT CODE	SIZE	◰	⊞
H173Y022	20	1	50
H173Y033	25	1	40

Shut-off cock with female fusion connections and PP-R protective cap. For plumbing systems.

H173A

PRODUCT CODE	SIZE	◰	⊞
H173AX023	20	1	50
H173AX034	25	1	1

Shut-off cock with female fusion connections and PP-R protective cap, chrome plated cover plate and cap. For plumbing systems.

H173B

PRODUCT CODE	SIZE	◰	⊞
H173BX024	20	1	50
H173BX035	25	1	40

Shut-off cock with female fusion connections, PP-R protective cap and stem extension. With chrome plated cover plate and handwheel. Equipped with red and blue marker for handwheel. For plumbing systems.

H200

PRODUCT CODE	SIZE	◰	⊞
H200Y001	20-25-32	1	-

Polywelder with box and accessories.

H202

PRODUCT CODE	SIZE	◰	⊞
H202Y001	-	1	-

Repair holes die.

H203

PRODUCT CODE	SIZE	◰	⊞
H203Y001	-	20	1.000

Set of N°20 PP-R plugs.

H205

PRODUCT CODE	SIZE	◰	⊞
H205Y101	-	1	-

Welding machine for H166.

H180

PRODUCT CODE	SIZE	◰	⊞
H180Y004	63 - Lenght 800 mm	1	-

Water hammer absorber, 3/4" female thread.

H174A

PRODUCT CODE	SIZE	◰	⊞
H174AX001	-	1	-

Chrome plated cover plate and cap for H173 shut-off cock.

H174B

PRODUCT CODE	SIZE	◰	⊞
H174BX001	-	1	-

Chrome plated cover plate, cap, stem extension and handwheel for H173 shut-off cock.

H174C

PRODUCT CODE	SIZE	◰	⊞
H174CY001	-	1	-

Nipple and stem extension for H173 shut-off cock.

P53

PRODUCT CODE	SIZE	◰	⊞
P53Y002	20	1	-
P53Y003	25	1	-
P53Y004	32	1	-
P53Y005	40	1	-
P53Y006	50	1	-
P53Y007	63	1	-

Pair of dies for H200 polywelder.

P12H

PRODUCT CODE	SIZE	◰	⊞
P12HY003	1/2" for H173, RM173	1	-

Spare bonnet for RM173, H173.

▶ RM press fitting system for plastic pipes

RM102

PRODUCT CODE	SIZE	▢	⊞
RM102Y003	16 x 2	10	250
RM102Y007	20 x 2	10	120
RM102Y009	26 x 3	5	100
RM102Y011	32 x 3	5	60
RM102Y014	40 x 3,5	1	30
RM102Y015	50 x 4	1	20
RM102Y016	63 x 4,5	1	10
RM102Y017	75 x 5	1	-
RM102Y018	90 x 7	1	-

Straight fitting, multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM103

PRODUCT CODE	SIZE	▢	⊞
RM103Y010	(20 x 2) x (16 x 2)	10	200
RM103Y016	(26 x 3) x (16 x 2)	10	120
RM103Y018	(26 x 3) x (20 x 2)	10	120
RM103Y020	(32 x 3) x (16 x 2)	5	100
RM103Y021	(32 x 3) x (20 x 2)	5	60
RM103Y022	(32 x 3) x (26 x 3)	5	60
RM103Y064	(40 x 3,5) x (26 x 3)	1	30
RM103Y065	(40 x 3,5) x (32 x 3)	1	30
RM103Y075	(50 x 4) x (32 x 3)	1	25
RM103Y076	(50 x 4) x (40 x 3,5)	1	20
RM103Y086	(63 x 4,5) x (40 x 3,5)	1	12
RM103Y087	(63 x 4,5) x (50 x 4)	1	12
RM103Y092	(75 x 5) x (50 x 4)	1	-
RM103Y093	(75 x 5) x (63 x 4,5)	1	-
RM103Y095	(90 x 7) x (63 x 4,5)	1	-
RM103Y096	(90 x 7) x (75 x 5)	1	-

Reducer straight fitting, multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM107

PRODUCT CODE	SIZE	▢	⊞
RM107Y023	3/8" x (16 x 2)	10	250
RM107Y033	1/2" x (16 x 2)	10	250
RM107Y037	1/2" x (20 x 2)	10	200
RM107Y043	3/4" x (16 x 2)	5	180
RM107Y047	3/4" x (20 x 2)	5	180
RM107Y049	3/4" x (26 x 3)	5	125
RM107Y058	1" x (26 x 3)	5	100
RM107Y059	1" x (32 x 3)	5	100
RM107Y066	1 1/4" x (40 x 3,5)	1	30
RM107Y077	1 1/2" x (50 x 4)	1	20
RM107Y078	2" x (50 x 4)	1	20
RM107Y088	2" x (63 x 4,5)	1	12
RM107Y098	2 1/2" x (63 x 4,5)	1	10
RM107Y099	2 1/2" x (75 x 5)	1	-
RM107Y105	3" x (90 x 7)	1	-

Straight fitting, male thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM109

PRODUCT CODE	SIZE	▢	⊞
RM109Y033	1/2" x (16 x 2)	10	200
RM109Y037	1/2" x (20 x 2)	10	200
RM109Y043	3/4" x (16 x 2)	5	125
RM109Y047	3/4" x (20 x 2)	5	125
RM109Y049	3/4" x (26 x 3)	5	125
RM109Y058	1" x (26 x 3)	5	100
RM109Y059	1" x (32 x 3)	5	60
RM109Y060	1" x (40 x 3,5)	1	30
RM109Y066	1 1/4" x (40 x 3,5)	1	30
RM109Y076	1 1/2" x (40 x 3,5)	1	20
RM109Y077	1 1/2" x (50 x 4)	1	20
RM109Y088	2" x (63 x 4,5)	1	20
RM109Y098	2 1/2" x (63 x 4,5)	1	10
RM109Y099	2 1/2" x (75 x 5)	1	-
RM109Y105	3" x (90 x 7)	1	-

Straight fitting, female thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM122

PRODUCT CODE	SIZE	▢	⊞
RM122Y003	16 x 2	10	200
RM122Y007	20 x 2	10	100
RM122Y009	26 x 3	5	60
RM122Y011	32 x 3	5	50
RM122Y013	40 x 3,5	1	10
RM122Y014	50 x 4	1	10
RM122Y015	63 x 4,5	1	10
RM122Y016	75 x 5	1	-
RM122Y017	90 x 7	1	-

90° elbow fitting, multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM127

PRODUCT CODE	SIZE		
RM127Y033	1/2" x (16 x 2)	10	200
RM127Y037	1/2" x (20 x 2)	10	200
RM127Y043	3/4" x (16 x 2)	10	120
RM127Y047	3/4" x (20 x 2)	10	120
RM127Y049	3/4" x (26 x 3)	10	100
RM127Y058	1" x (26 x 3)	5	50
RM127Y059	1" x (32 x 3)	5	50
RM127Y066	1 1/4" x (40 x 3,5)	1	25
RM127Y076	1 1/2" x (40 x 3,5)	1	20
RM127Y077	1 1/2" x (50 x 4)	1	20
RM127Y087	2" x (50 x 4)	1	10
RM127Y088	2" x (63 x 4,5)	1	10
RM127Y098	2 1/2" x (63 x 4,5)	1	10

90° elbow fitting, male thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM129

PRODUCT CODE	SIZE		
RM129Y023	1/2" x (16 x 2)	10	120
RM129Y033	1/2" x (16 x 2) compact	10	200
RM129Y043	3/4" x (16 x 2)	10	120
RM129Y027	1/2" x (20 x 2)	10	120
RM129Y037	1/2" x (20 x 2) compact	10	120
RM129Y047	3/4" x (20 x 2)	10	120
RM129Y049	3/4" x (26 x 3)	5	100
RM129Y059	1" x (32 x 3)	5	50
RM129Y066	1 1/4" x (40 x 3,5)	1	25
RM129Y076	1 1/2" x (40 x 3,5)	1	20
RM129Y077	1 1/2" x (50 x 4)	1	20
RM129Y087	2" x (50 x 4)	1	10
RM129Y088	2" x (63 x 4,5)	1	10
RM129Y098	2 1/2" x (63 x 4,5)	1	10

90° elbow fitting, female thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM130SP

PRODUCT CODE	SIZE		
RM130PY023	3/8" x (16 x 2)	10	200
RM130PY033	1/2" x (16 x 2)	10	100
RM130PY037	1/2" x (20 x 2)	10	100
RM130PY043	3/4" x (16 x 2)	10	100
RM130PY047	3/4" x (20 x 2)	10	100
RM130PY049	3/4" x (26 x 3)	5	50
RM130PY058	1" x (26 x 3)	5	50

90° elbow, with threaded flat seat nut ISO228 and multi-jaw connection for plastic or multilayer pipes. For plumbing systems.

RM138

PRODUCT CODE	SIZE		
RM138Y033	Rp 1/2" x (16 x 2) x (16 x 2)	5	50
RM138Y038	Rp 1/2" x (20 x 2) x (20 x 2)	5	50

90° elbow fitting with wall-mount bracket, female thread and two multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM139

PRODUCT CODE	SIZE		
RM139Y033	1/2" x (16 x 2)	10	100
RM139Y037	1/2" x (20 x 2)	5	100
RM139Y049	3/4" x (26 x 3)	5	50

90° elbow fitting with wall-mount bracket, female thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM144

PRODUCT CODE	SIZE		
RM144Y009	26 x 3	5	100
RM144Y011	32 x 3	5	50
RM144Y012	40 x 3,5	1	25
RM144Y013	50 x 4	1	10
RM144Y014	63 x 4,5	1	5

45° elbow fitting, multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM128

PRODUCT CODE	SIZE		
RM128X014	(16 x 2) x 16 - Length 150 mm	1	50
RM128X034	(16 x 2) x 16 - Length 300 mm	1	50
RM128X074	(16 x 2) x 16 - Length 750 mm	1	25

90° elbow fitting, with chrome-plated copper pipe Ø 16 mm and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM150

PRODUCT CODE	SIZE		
RM150Y003	16 x 2	10	100
RM150Y007	20 x 2	10	100
RM150Y009	26 x 3	5	50
RM150Y011	32 x 3	5	40
RM150Y012	40 x 3,5	1	10
RM150Y013	50 x 4	1	10
RM150Y014	63 x 4,5	1	5
RM150Y015	75 x 5	1	-
RM150Y016	90 x 7	1	-

Tee fitting, multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM151

PRODUCT CODE	SIZE	⬚	⊞
RM151Y045	(16 x 2) x (20 x 2) x (16 x 2)	10	100
RM151Y063	(20 x 2) x (16 x 2) x (16 x 2)	10	100
RM151Y064	(20 x 2) x (16 x 2) x (20 x 2)	10	100
RM151Y065	(20 x 2) x (20 x 2) x (16 x 2)	10	100
RM151Y067	(20 x 3) x (26 x 3) x (20 x 2)	5	50
RM151Y083	(26 x 3) x (16 x 2) x (16 x 2)	10	80
RM151Y084	(26 x 3) x (20 x 2) x (20 x 2)	10	80
RM151Y085	(26 x 3) x (16 x 2) x (26 x 3)	5	50
RM151Y086	(26 x 3) x (20 x 2) x (26 x 3)	5	50
RM151Y089	(26 x 3) x (26 x 3) x (20 x 2)	5	50
RM151Y090	(32 x 3) x (16 x 2) x (32 x 3)	5	-
RM151Y091	(32 x 3) x (20 x 2) x (32 x 3)	5	40
RM151Y092	(32 x 3) x (26 x 3) x (26 x 3)	5	50
RM151Y093	(32 x 3) x (26 x 3) x (32 x 3)	5	40
RM151Y094	(32 x 3) x (20 x 2) x (20 x 2)	5	50
RM151Y095	(32 x 3) x (20 x 2) x (26 x 3)	5	40
RM151Y145	(40 x 3,5)x(20 x 2)x(40 x 3,5)	1	10
RM151Y146	(40 x 3,5)x(26 x 3)x(40 x 3,5)	1	10
RM151Y147	(40 x 3,5)x(32 x 3)x(40 x 3,5)	1	10
RM151Y148	(40 x 3,5) x (32 x 3) x (32 x 3)	1	10
RM151Y157	(50 x 4) x (26 x 3) x (50 x 4)	1	10
RM151Y158	(50 x 4) x (32 x 3) x (50 x 4)	1	10
RM151Y159	(50 x 4) x (40 x 3,5) x (50 x 4)	1	10
RM151Y167	(63 x 4,5)x(32 x 3)x(63 x 4,5)	1	5
RM151Y168	(63 x 4,5)x(40 x 3,5)x(63 x 4,5)	1	5
RM151Y169	(63 x 4,5)x(50 x 4,0)x(63 x 4,5)	1	-
RM151Y178	(75 x 5) x (50 x 4) x (75 x 5)	1	-
RM151Y179	(75 x 5) x (63 x 4,5) x (75 x 5)	1	-
RM151Y188	(90 x 7) x (63 x 4,5) x (90 x 7)	1	-
RM151Y189	(90 x 7) x (75 x 5) x (90 x 7)	1	-

Reducer Tee fitting, multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

CERTIFICATIONS AND SYMBOLS

A — A x B x C — C
        |
        B

RM154

PRODUCT CODE	SIZE	⬚	⊞
RM154Y033	1/2" x (16 x 2)	10	120
RM154Y037	1/2" x (20 x 2)	10	100
RM154Y049	3/4" x (26 x 3)	5	50
RM154Y050	3/4" x (32 x 3)	5	40
RM154Y056	3/4" x (40 x 3,5)	1	10
RM154Y057	3/4" x (50 x 4)	1	10
RM154Y059	1" x (32 x 3)	5	40
RM154Y062	1" x (63 x 4,5)	1	6
RM154Y066	1 1/4" x (40 x 3,5)	1	10
RM154Y068	1 1/4" x (50 x 4)	1	10
RM154Y076	1 1/2" x (40 x 3,5)	1	10
RM154Y077	1 1/2" x (50 x 4)	1	10
RM154Y088	2" x (63 x 4,5)	1	6
RM154Y098	2 1/2" x (63 x 4,5)	1	6

Tee fittings, female thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM153

PRODUCT CODE	SIZE	⬚	⊞
RM153Y033	1/2" x (16 x 2)	10	120
RM153Y037	1/2" x (20 x 2)	10	100
RM153Y049	3/4" x (26 x 3)	5	50
RM153Y059	1" x (32 x 3)	5	40

Tee fittings, male thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

P29RM

PRODUCT CODE	SIZE	⬚	⊞
P29RMY037	G 1/2"M x (20 x 2)	10	100

Tee fittings, flat seat connection and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM158

PRODUCT CODE	SIZE	⬚	⊞
RM158X034	(16 x 2)x16x(16 x 2) - L. 300 mm	1	50

Tee fitting, with chrome-plated copper pipe Ø 16 mm and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM179SP

PRODUCT CODE	SIZE	⬚	⊞
RM179Y043	3/8" x (16 x 2)	10	-
RM179Y053	1/2" x (16 x 2)	10	-
RM179Y056	1/2" x (20 x 2)	10	-
RM179Y063	3/4" x (16 x 2)	10	-
RM179Y066	3/4" x (20 x 2)	10	-
RM179Y069	3/4" x (26 x 3)	10	-
RM179Y073	1" x (26 x 3)	5	-
RM179Y074	1" x (32 x 3)	5	-
RM179Y082	1 1/4" x (40 x 3,5)	1	30
RM179Y093	1 1/2" x (50 x 4)	1	20
RM179Y097	2" x (63 x 4,5)	1	20

Straight fitting, with threaded flat seat nut ISO228 and multi-jaw connection for plastic or multilayer pipes. For plumbing systems.

RM179

PRODUCT CODE	SIZE	⬚	⊞
RM179X023	16 x (16 x 2)	10	250
RM179X033	18 x (16 x 2)	10	200

Straight fitting, base adaptor with nickel plated nut and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM179E

CHROME PLATED NUT

PRODUCT CODE	SIZE	⊡	⊞
RM179X103	3/4" x (16 x 2)	10	-
RM179X106	3/4" x (20 x 2)	10	-

BRASS FINISH NUT

PRODUCT CODE	SIZE	⊡	⊞
RM179Y113	1/2" x (16 x 2)	10	-
RM179Y116	1/2" x (20 x 2)	10	-

Straight fitting, Eurocone adaptor with nickel plated nut and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM18

PRODUCT CODE	SIZE	⊡	⊞
RM18Y033	1/2" x (16 x 2)	10	120
RM18Y037	1/2" x (20 x 2)	10	120
RM18Y049	3/4" x (26 x 3)	5	50

3 pieces straight fitting, female thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RM19

PRODUCT CODE	SIZE	⊡	⊞
RM19Y033	1/2" x (16 x 2)	10	100
RM19Y037	1/2" x (20 x 2)	10	100
RM19Y049	3/4" x (26 x 3)	5	50

3 pieces 90° elbow fitting, female thread and multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RMV103

PRODUCT CODE	SIZE	⊡	⊞
RM103Y112	16 x 2 - Ø12	25	250
RM103Y123	16 x 2 - Ø14	25	250
RM103Y127	20 x 2 - Ø14	25	175
RM103Y133	16 x 2 - Ø15	25	250
RM103Y143	16 x 2 - Ø16	25	250
RM103Y147	20 x 2 - Ø16	25	175
RM103Y157	20 x 2 - Ø18	25	175
RM103Y167	20 x 2 - Ø22	10	100

Straight fitting, multi-jaw press profile connection for plastic or multilayer pipe and "V" press profile connection for copper pipe. For plumbing systems.

RM173

PRODUCT CODE	SIZE	⊡	⊞
RM173Y033	16 x (16 x 2)	1	50
RM173Y037	20 x (20 x 2)	1	50

Shut-off cock with multi-jaw connections for plastic or multilayer pipes. For plumbing systems.

RP102

PRODUCT CODE	SIZE	⊡	⊞
RP102X005	18 x 2	10	-
RP102X013	17 x 2	10	-

C.S.T.B. approval

Straight fitting, single press connection with "TH" profile, for plastic or multilayer pipes. For plumbing systems.

RP200-1

PRODUCT CODE	SIZE	⊡	⊞
RP200Y032	18 V battery pressing tool	1	-
RP201Y012	18 V battery for RP200Y032	1	-

18 V battery pressing tool for press fittings, supplied in case.
The kit includes battery, battery charger, TH16, TH20 and TH26 tongs.

RP202

PRODUCT CODE	SIZE	⊡	⊞
RP202Y016	Ø16 - TH profile	1	-
RP202Y017	Ø17 - TH profile	1	-
RP202Y018	Ø18 - TH profile	1	-
RP202Y020	Ø20 - TH profile	1	-
RP202Y026	Ø26 - TH profile	1	-
RP202Y232	Ø32 - TH profile	1	-
RP202Y440	Ø40 - TH profile	1	-
RP202Y450	Ø50 - TH profile	1	-
RP202Y463	Ø63 - TH profile	1	-

Jaws for RP200-1 pressing tool.

RP203

BASE JAW

PRODUCT CODE	SIZE	⊡	⊞
RP203Y204	For U ring inserts	1	-

RING INSERTS

PRODUCT CODE	SIZE	⊡	⊞
RP202Y275	Ø75 - U profile for RP203Y204	1	-
RP202Y290	Ø90 - U profile for RP203Y204	1	-

Base jaw for RP200-1 pressing tool. To be combined with the properly ring inserts.

MULTIGAS system for gas systems

CONSTRUCTION DETAILS
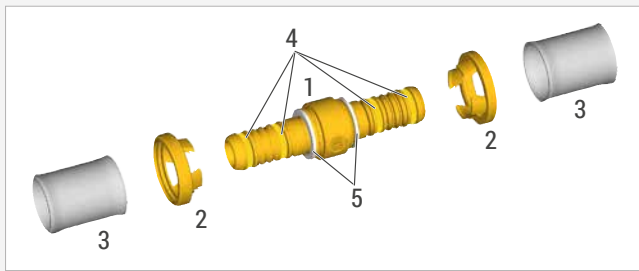
1	Body in brass
2	Bush ring
3	Bush
4	O-ring
5	Insulating separator

PROFILE OF THE TONGS
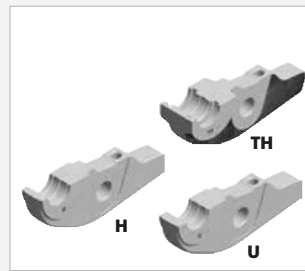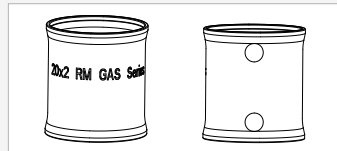
DETAIL OF THE SLEEVE

The caption "RM Series" stamped on the bush shows it can be used with various pressing profiles. Refer to the tongs profiles specified in the instructions or in "Tongs profiles" above.

SIZE OF THE PIPE	PROFILE OF THE TONGS
16 x 2	TH - H - U
20 x 2	TH - H - U
26 x 3	TH - H
32 x 3	TH - H - U
40 x 3,5	TH - U
50 x 4	TH - U
63 x 4,5	TH
75 x 5	U
90 x 7	U

G999

BARE PIPE IN COILS

PRODUCT CODE	SIZE		
G999Y022	16x2	100	-
G999Y042	20x2	100	-
G999Y073	26x3	50	-
G999Y083	32x3	50	-

PIPE WITH CORRUGATED SLEEVE IN COILS

PRODUCT CODE	SIZE		
G999IY024	16x2	50	-
G999IY044	20x2	50	-
G999IY074	26x3	50	-

Multilayer metal-plastic PEX-b/Al/PEX-b pipe, Multigas series. Yellow color. Suitable to transport gas for domestic use. Available also with corrugated covering sleeve in yellow color, for protection against crush and UV rays. Certified UNI 11344 (for multilayer metal-plastic pipe systems and fittings for internal installations of gas transport).

RM102-G

PRODUCT CODE	SIZE		
RM102Y203	16 x 2	10	-
RM102Y207	20 x 2	10	-
RM102Y209	26 x 3	5	-
RM102Y211	32 x 3	5	-

Straight fitting, multi-jaw connections for Multigas system.

RM103-G

PRODUCT CODE	SIZE		
RM103Y210	(20 x 2) x (16 x 2)	10	-
RM103Y218	(26 x 3) x (20 x 2)	10	-
RM103Y222	(32 x 3) x (26 x 3)	5	-

Reducer straight fitting, multi-jaw connections for Multigas system.

RM107-G

PRODUCT CODE	SIZE		
RM107Y233	1/2" x (16 x 2)	10	-
RM107Y237	1/2" x (20 x 2)	10	-
RM107Y247	3/4" x (20 x 2)	5	-
RM107Y249	3/4" x (26 x 3)	5	-
RM107Y259	1" x (32 x 3)	5	-

Straight fitting, male thread and multi-jaw connections for Multigas system.

RM109-G

PRODUCT CODE	SIZE		
RM109Y233	1/2" x (16 x 2)	10	-
RM109Y237	1/2" x (20 x 2)	10	-
RM109Y247	3/4" x (20 x 2)	5	-
RM109Y249	3/4" x (26 x 3)	5	-
RM109Y259	1" x (32 x 3)	5	-

Straight fitting, female thread and multi-jaw connections for Multigas system.

RM122-G

PRODUCT CODE	SIZE		
RM122Y203	16 x 2	10	-
RM122Y207	20 x 2	10	-
RM122Y209	26 x 3	5	-
RM122Y211	32 x 3	5	-

90° elbow fitting, multi-jaw connections for Multigas system.

RM127-G

PRODUCT CODE	SIZE	⬛	⊞
RM127Y233	1/2" x (16 x 2)	10	-
RM127Y237	1/2" x (20 x 2)	10	-
RM127Y247	3/4" x (20 x 2)	10	-
RM127Y249	3/4" x (26 x 3)	10	-
RM127Y259	1" x (32 x 3)	5	-

90° elbow fitting, male thread and multi-jaw connections for Multigas system.

RM129-G

PRODUCT CODE	SIZE	⬛	⊞
RM129Y233	1/2" x (16 x 2)	10	-
RM129Y237	1/2" x (20 x 2)	10	-
RM129Y247	3/4" x (20 x 2)	10	-
RM129Y249	3/4" x (26 x 3)	5	-
RM129Y259	1" x (32 x 3)	5	-

90° elbow fitting, female thread and multi-jaw connections for Multigas system.

RM139-G

PRODUCT CODE	SIZE	⬛	⊞
RM139Y233	1/2" x (16 x 2)	10	-
RM139Y237	1/2" x (20 x 2)	5	-
RM139Y249	3/4" x (26 x 3)	5	-

90° elbow fitting with wall-mount bracket, female thread and multi-jaw connections for Multigas system.

RM150-G

PRODUCT CODE	SIZE	⬛	⊞
RM150Y203	16 x 2	10	-
RM150Y207	20 x 2	10	-
RM150Y209	26 x 3	5	-
RM150Y211	32 x 3	5	-

Tee fitting, multi-jaw connections for Multigas system.

RM151-G

PRODUCT CODE	SIZE	⬛	⊞
RM151Y245	(16 x 2) x (20 x 2) x (16 x 2)	10	-
RM151Y263	(20 x 2) x (16 x 2) x (16 x 2)	10	-
RM151Y264	(20 x 2) x (16 x 2) x (20 x 2)	10	-
RM151Y265	(20 x 2) x (20 x 2) x (16 x 2)	10	-
RM151Y267	(20 x 2) x (26 x 3) x (20 x 2)	5	-
RM151Y284	(26 x 3) x (20 x 2) x (20 x 2)	10	-
RM151Y285	(26 x 3) x (16 x 2) x (26 x 3)	5	-
RM151Y286	(26 x 3) x (20 x 2) x (26 x 3)	5	-
RM151Y289	(26 x 3) x (26 x 3) x (20 x 2)	5	-
RM151Y292	(32 x 3) x (26 x 3) x (26 x 3)	5	-
RM151Y293	(32 x 3) x (26 x 3) x (32 x 3)	5	-

CERTIFICATIONS AND SYMBOLS

A ——— A x B x C ——— C
B

Reducer Tee fitting, multi-jaw connections for Multigas system.

RM154-G

PRODUCT CODE	SIZE	⬛	⊞
RM154Y233	1/2" x (16 x 2)	10	-
RM154Y237	1/2" x (20 x 2)	10	-
RM154Y249	3/4" x (26 x 3)	5	-

Tee fittings, female thread and multi-jaw connections for Multigas system.

RM179P-G

PRODUCT CODE	SIZE	⬛	⊞
RM179Y253	1/2" x (16 x 2)	10	-
RM179Y256	1/2" x (20 x 2)	10	-
RM179Y263	3/4" x (16 x 2)	10	-
RM179Y266	3/4" x (20 x 2)	10	-
RM179Y269	3/4" x (26 x 3)	10	-

Straight fitting, with threaded flat seat nut ISO228 and multi-jaw connection for Multigas system.

RP200-1

PRODUCT CODE	SIZE	⬛	⊞
RP200Y032	18 V battery pressing tool	1	-
RP201Y012	18 V battery for RP200Y032	1	-

18 V battery pressing tool for press fittings, supplied in case.
The kit includes battery, battery charger, TH16, TH20 and TH26 tongs.

RP202

PRODUCT CODE	SIZE	⬛	⊞
RP202Y016	Ø16 - TH profile	1	-
RP202Y017	Ø17 - TH profile	1	-
RP202Y018	Ø18 - TH profile	1	-
RP202Y020	Ø20 - TH profile	1	-
RP202Y026	Ø26 - TH profile	1	-
RP202Y232	Ø32 - TH profile	1	-
RP202Y440	Ø40 - TH profile	1	-
RP202Y450	Ø50 - TH profile	1	-
RP202Y463	Ø63 - TH profile	1	-

Jaws for RP200-1 pressing tool.

RP203

BASE JAW

PRODUCT CODE	SIZE	⬛	⊞
RP203Y204	For U ring inserts	1	-

RING INSERTS

PRODUCT CODE	SIZE	⬛	⊞
RP202Y275	Ø75 - U profile for RP203Y204	1	-
RP202Y290	Ø90 - U profile for RP203Y204	1	-

Base jaw for RP200-1 pressing tool. To be combined with the properly ring inserts.

⏵ GIACOQEST system

⚠ **WARNING - READ CAREFULLY**
Giacoqest pipe maintains good flexibility and resistance to temperature nearby 0 °C. The minimum laying temperature is -10 °C. · Giacoqest tubing is approved for water distribution only and should not be used for distribution of petroleum based products such as liquid petroleum (LP) or natural gas. · Giacoqest tubing should not be exposed to or stored under direct ultraviolet light. · Do not use supports that have sharp edges which could damage the tubing. · The installation must be carried out by skilled, qualified personnel.

GZ996

WITHOUT ANTI-OXYGEN BARRIER

PRODUCT CODE	SIZE	▢	▦
GZ996Y003	1/2"	100	-
GZ996Y205	3/4" (4 m bars)	4	-
GZ996Y005	3/4"	100	-
GZ996Y206	1" (4 m bars)	4	-
GZ996Y006	1"	50	-

WITH ANTI-OXYGEN BARRIER

PRODUCT CODE	SIZE	▢	▦
GZ996Y253	1/2" (4 m bars)	4	-
GZ996Y103	1/2"	100	-
GZ996Y255	3/4" (4 m bars)	4	-
GZ996Y105	3/4"	100	-
GZ996Y256	1" (4 m bars)	4	-
GZ996Y106	1"	50	-

Giacoqest PEX pipe without anti-oxygen barrier for plumbing systems (both domestic water and heating/cooling systems).
Giacoqest PEX pipe with anti-oxygen barrier for heating/cooling systems.

GZ61

PRODUCT CODE	SIZE	▢	▦
GZ61Y003	1/2"	100	1.000
GZ61Y005	3/4"	100	500
GZ61Y006	1"	100	500

Copper crimp ring.

GZ102

PRODUCT CODE	SIZE	▢	▦
GZ102Y003	1/2" x 1/2"	10	500
GZ102Y004	3/4" x 3/4"	10	250
GZ102Y005	1" x 1"	10	250

Straight fitting. For plumbing systems.

GZ103

PRODUCT CODE	SIZE	▢	▦
GZ103Y004	3/4" x 1/2"	10	500
GZ103Y005	1" x 1/2"	10	250
GZ103Y006	1" x 3/4"	10	250

Reducer straight fitting. For plumbing systems.

GZ107

PRODUCT CODE	SIZE	▢	▦
GZ107Y033	1/2" x 1/2"M	10	250
GZ107Y043	1/2" x 3/4"M	10	250
GZ107Y034	3/4" x 1/2"M	10	250
GZ107Y044	3/4" x 3/4"M	10	250
GZ107Y054	3/4" x 1"M	10	100
GZ107Y035	1" x 1/2"M	10	100
GZ107Y045	1" x 3/4"M	10	100
GZ107Y055	1" x 1"M	10	100

Straight fitting, male thread. For plumbing systems.

GZ109

PRODUCT CODE	SIZE	⊡	⊞
GZ109Y033	1/2" x 1/2"F	10	250
GZ109Y034	3/4" x 1/2"F	10	250
GZ109Y044	3/4" x 3/4"F	10	250
GZ109Y045	1" x 3/4"F	10	100
GZ109Y055	1" x 1"F	10	100

Straight fitting, female thread. For plumbing systems.

GZ122

PRODUCT CODE	SIZE	⊡	⊞
GZ122Y003	1/2" x 1/2"	10	250
GZ122Y004	3/4" x 3/4"	10	250
GZ122Y005	1" x 1"	10	100

90° elbow fitting. For plumbing systems.

GZ127

PRODUCT CODE	SIZE	⊡	⊞
GZ127Y003	1/2" x 1/2"M	10	150
GZ127Y043	1/2" x 3/4"M	10	50
GZ127Y044	3/4" x 3/4"M	10	50
GZ127Y045	1" x 3/4"M	10	50
GZ127Y055	1" x 1"M	10	50

90° elbow fitting, male thread. For plumbing systems.

GZ128

PRODUCT CODE	SIZE	⊡	⊞
GZ128X003	1/2" x Ø15 - L. 300 mm	1	50
GZ128X023	1/2" x Ø15 - L. 150 mm	1	50
GZ128X073	1/2" x Ø15 - L. 750 mm	1	25

90° elbow fitting, chrome plated, with copper pipe Ø15 mm.

GZ129

PRODUCT CODE	SIZE	⊡	⊞
GZ129Y033	1/2" x 1/2"F	10	150
GZ129Y034	3/4" x 1/2"F	10	150
GZ129Y044	3/4" x 3/4"F	10	50
GZ129Y045	1" x 3/4"F	10	50
GZ129Y055	1" x 1"F	5	50

90° elbow fitting, female thread. For plumbing systems.

GZ139

PRODUCT CODE	SIZE	⊡	⊞
GZ139Y003	1/2" x 1/2"F	10	50
GZ139Y004	3/4" x 1/2"F	10	50
GZ139Y044	3/4" x 3/4"F	10	50
GZ139Y045	1" x 3/4"F	10	50

90° elbow fitting with wall support, female threaded. For plumbing systems.

GZ150

PRODUCT CODE	SIZE	⊡	⊞
GZ150Y003	1/2" x 1/2" x 1/2"	10	500
GZ150Y004	3/4" x 3/4" x 3/4"	10	250
GZ150Y005	1" x 1" x 1"	10	100

Tee fitting. For plumbing systems.

CERTIFICATIONS AND SYMBOLS

A — A x B x C — C
B

GZ151

PRODUCT CODE	SIZE	⊡	⊞
GZ151Y009	1/2" x 3/4" x 1/2"	10	250
GZ151Y014	3/4" x 1/2" x 1/2"	10	250
GZ151Y015	3/4" x 1/2" x 3/4"	10	250
GZ151Y016	3/4" x 3/4" x 1/2"	10	250
GZ151Y023	1" x 1/2" x 1"	10	100
GZ151Y025	1" x 3/4" x 3/4"	10	150
GZ151Y017	3/4" x 1" x 3/4"	10	100
GZ151Y026	1" x 3/4" x 1"	10	100
GZ151Y027	1" x 1" x 3/4"	10	100

Reducer Tee fitting. For plumbing systems.

CERTIFICATIONS AND SYMBOLS

A — A x B x C — C
B

GZ152-1

PRODUCT CODE	SIZE	⊡	⊞
GZ152Y041	3/4" x 1/2" x 1/2" x 1/2"	5	50

Manifold with 1 inlet and 3 outlets. For plumbing systems.

GZ152-2

PRODUCT CODE	SIZE	⊡	⊞
GZ152Y042	3/4" x 1/2" x 1/2" x 1/2" x 1/2"	5	50

Manifold with 1 inlet and 4 outlets. For plumbing systems.

GZ152-3

PRODUCT CODE	SIZE	⊡	⊞
GZ152Y043	3/4" x 1/2" x 1/2" x 1/2" x 3/4"	5	50

Manifold with 2 inlets and 3 outlets. For plumbing systems.

GZ152-4

PRODUCT CODE	SIZE	⊡	⊞
GZ152Y044	3/4"x1/2"x1/2"x1/2"x1/2"x3/4"	5	50

Manifold with 2 inlets and 4 outlets. For plumbing systems.

GZ153

PRODUCT CODE	SIZE	⬡	▦
GZ153Y033	1/2" x 1/2"M x 1/2"	10	100
GZ153Y034	3/4" x 1/2"M x 3/4"	10	100

Tee fitting, male thread. For plumbing systems.

A —— A x B x C —— C
B

GZ154

PRODUCT CODE	SIZE	⬡	▦
GZ154Y033	1/2" x 1/2"F x 1/2"	10	100
GZ154Y034	3/4" x 1/2"F x 3/4"	10	100
GZ154Y035	1" x 1/2"F x 1"	10	100
GZ154Y045	1" x 3/4"F x 1"	10	100

Tee fitting, female thread. For plumbing systems.

A —— A x B x C —— C
B

GZ158

PRODUCT CODE	SIZE	⬡	▦
GZ158X003	1/2" x Ø15 x 1/2" - L. 300 mm	1	50
GZ158X073	1/2" x Ø15 x 1/2" - L. 700 mm	1	25
GZ158X004	3/4" x Ø15 x 3/4" - L. 300 mm	1	50
GZ158X074	3/4" x Ø15 x 3/4" - L. 750 mm	1	25

Tee fitting, chrome plated, with copper pipe Ø15 mm. For plumbing systems.

A —— A x B x C —— C
B

GZ165

PRODUCT CODE	SIZE	⬡	▦
GZ165Y003	1/2"	10	1.000
GZ165Y004	3/4"	10	500
GZ165Y005	1"	10	250

Plug. For plumbing systems.

GZ179

PRODUCT CODE	SIZE	⬡	▦
GZ179Y032	16 x 1/2"	10	250
GZ179Y042	18 x 1/2"	10	250
GZ179Y045	18 x 3/4"	10	100
GZ179Y056	28 x 1"	10	100
GZ179Y062	1/2"Eurocone x 1/2"	10	250

Straight fitting, base adaptor and plastic pipe connections. For plumbing systems.

GZ573

PRODUCT CODE	SIZE	⬡	▦
GZ573Y033	1/2" x 1/2"F	10	100

90° elbow for domestic water system connection.

GZ651

PRODUCT CODE	SIZE	⬡	▦
GZ651Y003	1/2"	1	100
GZ651Y004	3/4"	1	100
GZ651Y005	1"	1	50

Shut-off ball valve, with red T-handle. For plumbing systems.

GZ200

PRODUCT CODE	SIZE	⬡	▦
GZ200Y003	1/2"	1	-
GZ200Y004	3/4"	1	-
GZ200Y005	1"	1	-

Manual crimping tool, provided with GZ211 checking gauge.

GZ200A

PRODUCT CODE	SIZE	⬡	▦
GZ200Y203	1/2"	1	-
GZ200Y205	3/4"	1	-

Manual crimping tool.

GZ211

PRODUCT CODE	SIZE	⬡	▦
GZ211Y001	1/2" - 3/4"	1	-
GZ211Y003	1"	1	-

Checking gauge.

GZ201

PRODUCT CODE	SIZE	⬡	▦
GZ201Y001	1/2" - 3/4" - 1"	1	-

Shear for crimping rings removal.

GX system

GX61

PRODUCT CODE	SIZE	⊡	⊞
GX61Y013	16	20	300
GX61Y014	20	20	300
GX61Y015	25	20	200
GX61Y016	32	5	200
GX61Y017	40	5	50

Polymeric ring for GX system, white color.

GX102

PRODUCT CODE	SIZE	⊡	⊞
GX102Y003	16 x 16	10	250
GX102Y004	20 x 20	10	250
GX102Y005	25 x 25	10	100
GX102Y006	32 x 32	5	100
GX102Y007	40 x 40	1	20

Straight fitting. For plumbing systems.

GX103

PRODUCT CODE	SIZE	⊡	⊞
GX103Y004	20 x 16	10	250
GX103Y005	25 x 16	10	100
GX103Y006	25 x 20	10	100
GX103Y008	32 x 20	5	100
GX103Y009	32 x 25	5	100
GX103Y010	40 x 25	1	20
GX103Y011	40 x 32	1	20

Reducer straight fitting. For plumbing systems.

GX107

PRODUCT CODE	SIZE	⊡	⊞
GX107Y033	16 x 1/2"M	10	250
GX107Y043	16 x 3/4"M	10	250
GX107Y034	20 x 1/2"M	10	250
GX107Y044	20 x 3/4"M	10	250
GX107Y054	20 x 1"M	5	100
GX107Y035	25 x 1/2"M	10	250
GX107Y045	25 x 3/4"M	10	250
GX107Y055	25 x 1"M	5	100
GX107Y056	32 x 1"M	5	100
GX107Y067	40 x 1 1/4"M	1	30
GX107Y077	40 x 1 1/2"M	1	20

Straight fitting, male thread. For plumbing systems.

GX109

PRODUCT CODE	SIZE	⊡	⊞
GX109Y033	16 x 1/2"F	10	250
GX109Y043	16 x 3/4"F	10	250
GX109Y034	20 x 1/2"F	10	250
GX109Y044	20 x 3/4"F	10	250
GX109Y045	25 x 3/4"F	10	100
GX109Y055	25 x 1"F	5	100
GX109Y056	32 x 1"F	5	100
GX109Y067	40 x 1 1/4"F	1	30
GX109Y077	40 x 1 1/2"F	1	20

Straight fitting, female thread. For plumbing systems.

GX122

PRODUCT CODE	SIZE	⬡	▦
GX122Y003	16 x 16	10	250
GX122Y004	20 x 20	10	100
GX122Y005	25 x 25	5	50
GX122Y006	32 x 32	5	50
GX122Y007	40 x 40	1	25

90° elbow fitting. For plumbing systems.

GX127

PRODUCT CODE	SIZE	⬡	▦
GX127Y003	16 x 1/2"M	10	150
GX127Y044	16 x 3/4"M	10	50
GX127Y043	20 x 1/2"M	10	150
GX127Y055	20 x 3/4"M	10	50
GX127Y045	25 x 3/4"M	10	50
GX127Y056	25 x 1"M	5	50
GX127Y066	32 x 1"M	5	50

90° elbow fitting, male thread. For plumbing systems.

GX128

PRODUCT CODE	SIZE	⬡	▦
GX128X013	16 x Ø15 - L. 250 mm	1	50
GX128X014	20 x Ø15 - L. 250 mm	1	50
GX128X073	16 x Ø15 - L. 750 mm	1	25
GX128X074	16 x Ø15 - L. 750 mm	1	25

90° elbow fitting, chrome plated, with copper pipe Ø 15 mm.

GX129

PRODUCT CODE	SIZE	⬡	▦
GX129Y033	16 x 1/2"F	10	150
GX129Y044	16 x 3/4"F	10	50
GX129Y034	20 x 1/2"F	10	150
GX129Y045	20 x 3/4"F	10	50
GX129Y055	25 x 3/4"F	10	50
GX129Y056	25 x 1"F	5	50
GX129Y066	32 x 1"F	5	50

90° elbow fitting, female thread. For plumbing systems.

GX139

PRODUCT CODE	SIZE	⬡	▦
GX139Y023	16 x 1/2"F - L.45 mm	5	50
GX139Y003	16 x 1/2"F - L.52,5 mm	5	50
GX139Y024	20 x 1/2"F - L.45 mm	5	50
GX139Y004	20 x 1/2"F - L.52,5 mm	5	50
GX139Y005	20 x 3/4"F - L.52,5 mm	5	50
GX139Y006	25 x 3/4"F - L.52,5 mm	5	50

90° elbow fitting with wall support, female thread. For plumbing systems.

GX150

PRODUCT CODE	SIZE	⬡	▦
GX150Y003	16 x 16 x 16	10	100
GX150Y004	20 x 20 x 20	5	100
GX150Y005	25 x 25 x 25	5	50
GX150Y006	32 x 32 x 32	5	40
GX150Y007	40 x 40 x 40	1	10

Tee fitting. For plumbing systems.

CERTIFICATIONS AND SYMBOLS

A ─ A x B x C ─ C
B

GX151

PRODUCT CODE	SIZE	⬡	▦
GX151Y009	16 x 20 x 16	10	100
GX151Y014	20 x 16 x 16	10	100
GX151Y015	20 x 16 x 20	10	100
GX151Y016	20 x 20 x 16	10	100
GX151Y017	20 x 25 x 20	10	100
GX151Y021	25 x 16 x 16	5	100
GX151Y022	25 x 16 x 20	5	100
GX151Y023	25 x 16 x 25	5	100
GX151Y025	25 x 20 x 20	5	100
GX151Y026	25 x 20 x 25	5	100
GX151Y028	25 x 25 x 16	5	100
GX151Y027	25 x 25 x 20	5	100
GX151Y032	32 x 20 x 20	5	50
GX151Y033	32 x 20 x 25	5	50
GX151Y035	32 x 25 x 25	5	50
GX151Y036	32 x 25 x 32	5	50
GX151Y037	32 x 32 x 20	5	40
GX151Y038	32 x 32 x 25	5	40
GX151Y044	40 x 20 x 40	1	25
GX151Y045	40 x 25 x 40	1	10
GX151Y047	40 x 32 x 32	1	10
GX151Y048	40 x 32 x 40	1	10

Reducer Tee fitting. For plumbing systems.

CERTIFICATIONS AND SYMBOLS

A ─ A x B x C ─ C
B

GX152

PRODUCT CODE	SIZE	⬡	▦
GX152Y041	20 x 20 x 16 x 16	1	25
GX152Y043	20 x 20 x 16 x 16 x 16	1	25

4 or 5 ways manifold. For plumbing systems.

GX153

PRODUCT CODE	SIZE	⬡	▦
GX153Y033	16 x 1/2"M x 16	5	100
GX153Y034	20 x 1/2"M x 20	5	100
GX153Y044	20 x 3/4"M x 20	5	50
GX153Y045	25 x 3/4"M x 25	5	50
GX153Y056	32 x 1"M x 32	5	40

Tee fitting, male thread. For plumbing systems.

CERTIFICATIONS AND SYMBOLS

A ─ A x B x C ─ C
B

GX154

PRODUCT CODE	SIZE	⊡	⊞
GX154Y033	16 x 1/2"F x 16	5	100
GX154Y034	20 x 1/2"F x 20	5	100
GX154Y044	20 x 3/4"F x 20	5	50
GX154Y045	25 x 3/4"F x 25	5	50
GX154Y056	32 x 1"F x 32	5	40

Tee fitting, female thread. For plumbing systems.

A —— A x B x C —— C
B

GX158

PRODUCT CODE	SIZE	⊡	⊞
GX158X073	16 x Ø15 x 16 - L. 750 mm	1	25
GX158X074	20 x Ø15 x 20 - L. 750 mm	1	25

Tee fitting, chrome plated, with copper pipe Ø 15 mm. For plumbing systems.

A —— A x B x C —— C
B

GX165

PRODUCT CODE	SIZE	⊡	⊞
GX165Y003	16	10	500
GX165Y004	20	10	250
GX165Y005	25	10	250

Plug. For plumbing systems.

GX179

PRODUCT CODE	SIZE	⊡	⊞
GX179Y023	16 x 16	10	250
GX179Y033	16 x 18	10	250
GX179Y043	16 x 1/2"	10	250
GX179Y053	16 x 3/4"Eurocone	10	250
GX179Y034	20 x 18	10	250
GX179Y054	20 x 3/4"Eurocone	10	250

Straight fitting, base adaptor and plastic pipe connections. For plumbing systems.

GX651

PRODUCT CODE	SIZE	⊡	⊞
GX651Y003	16	1	80
GX651Y004	20	1	60
GX651Y005	25	1	40

Shut-off ball valve, GX connections.
For plumbing systems.

GX200-M

PRODUCT CODE	SIZE	⊡	⊞
GX200Y101	Manual expander tool	1	-
GX200Y102	Manual expander tool	1	-
GX200Y103	Manual expander tool	1	-

Manual expander tools.

ⓘ INFO

GX200Y101 manual expander tool. Supplied with:
- GX202Y001, GX202Y002, GX202Y003 expansion heads for pipes 16x1,8 - 20x1,9 - 25x2,3.
- Lubricant grease.
GX200Y102 manual expander tool. Supplied with:
- GX202Y011, GX202Y015, GX202Y017 expansion heads for pipes 16x1,8 - 20x1,9 - 25x2,3.
- Lubricant grease.
Optional accessories:
- GX202Y013, GX202Y016, GX202Y018 expansion heads for pipes 16x2,2- 20x2,8 - 25x3,5.
GX200Y103 manual expander tool. Supplied with:
- GX202Y013, GX202Y016, GX202Y018 expansion heads for pipes 16x2,2 - 20x2,8 - 25x3,5.
- Lubricant grease.
Optional accessories:
- GX202Y011, GX202Y015, GX202Y017 expansion heads for pipes 16x1,8 -20x1,9 - 25x2,3.

GX200

PRODUCT CODE	SIZE	⊡	⊞
GX200Y002	Electric expander tool (230 V)	1	-
GX200Y004	Battery expander tool (22 V)	1	-

Battery and electric expander tools.

ⓘ INFO

GX200Y003 battery powered expander tool 14,4 V. Supplied with:
- Battery and charge 230 V.
Optional accessories:
- GX202Y011, GX202Y013, GX202Y015, GX202Y016, GX202Y017, GX202Y018, GX202Y021, GX202Y022, GX202Y026 expansion heads.
GX200Y004 battery powered expander tool 22 V. Supplied with:
- Battery and charge 230 V.
Optional accessories:
- GX202Y011, GX202Y013, GX202Y015, GX202Y016, GX202Y017, GX202Y018, GX202Y021, GX202Y022, GX202Y026 expansion heads.
GX200Y002 electric expander tool 230 V. Supplied with:
- Adaptor for expansion heads GX202Y027.
Optional accessories:
- GX203Y001: adaptor for expansion heads GX202Y011, GX202Y013, GX202Y015, GX202Y016, GX202Y017, GX202Y018, GX202Y021, GX202Y022, GX202Y026.
- GX202Y011, GX202Y013, GX202Y015, GX202Y016, GX202Y017, GX202Y018, GX202Y021, GX202Y022, GX202Y026, GX202Y027 expansion heads.

GX201

PRODUCT CODE	SIZE	⊡	⊞
GX201Y004	Battery 22 V for GX200Y004	1	-

Battery for expander tool.

GX202

PRODUCT CODE	SIZE	⧉	⊞
GX202Y001	Ø16 x 1,8 (GX200Y101)	1	50
GX202Y011	Ø16x1,8/2,0 (GX200Y102-002-003)	1	-
GX202Y013	Ø16 x 2,2 (GX200Y102-002-003)	1	-
GX202Y002	Ø20 x 1,9 (GX200Y101)	1	-
GX202Y015	Ø20x1,9/2,0 (GX200Y102-002-003)	1	-
GX202Y016	Ø20 x 2,8 (GX200Y102-002-003)	1	-
GX202Y003	Ø25 x 2,3 (GX200Y101)	1	-
GX202Y017	Ø25 x 2,3 (GX200Y102-002-003)	1	-
GX202Y018	Ø25 x 3,5 (GX200Y102-002-003)	1	-
GX202Y021	Ø32 x 2,9 Type H (GX200Y002-003)	1	-
GX202Y022	Ø32 x 4,4 Type H (GX200Y002-003)	1	-
GX202Y026	Ø40 x 3,7 Type H (GX200Y002-003)	1	-
GX202Y027	Ø40 x 5,5 Type H (GX200Y002)	1	-

Expansion heads.

ⓘ **INFO**

GX202Y001: expansion head Ø16x1,8 mm for GX200Y101.

GX202Y011: expansion head Ø16x1,8 mm and Ø16x2,0 mm for GX200Y102, GX200Y002, GX200Y003.

GX202Y013: expansion head Ø16x2,2 mm for GX200Y102, GX200Y002, GX200Y003.

GX202Y002: expansion head Ø20x1,9 mm for GX200Y101.

GX202Y015: expansion head Ø20x1,9 mm and Ø20x2,0 mm for GX200Y102, GX200Y002, GX200Y003.

GX202Y016: expansion head Ø20x2,8 mm for GX200Y102, GX200Y002, GX200Y003.

GX202Y003: expansion head Ø25x2,3 mm for GX200Y101.

GX202Y017: expansion head Ø25x2,3 mm for GX200Y102, GX200Y002, GX200Y003.

GX202Y018: expansion head Ø25x3,5 mm for GX200Y102, GX200Y002, GX200Y003.

GX202Y021: expansion head Ø32x2,9 mm (Type H) for GX200Y002, GX200Y003.

GX202Y022: expansion head Ø32x4,4 mm (Type H) for GX200Y002, GX200Y003.

GX202Y026: expansion head Ø40x3,7 mm (Type H) for GX200Y002, GX200Y003.

GX202Y027: expansion head Ø40x5,5 mm for GX200Y002.

GX203

PRODUCT CODE	SIZE	⧉	⊞
GX203Y001	Adaptor for expansion heads	1	-
GX203Y002	Lubricant grease	1	-

GX203Y001: adaptor for expansion heads GX202Y011, GX202Y013, GX202Y015, GX202Y016, GX202Y017, GX202Y018, GX202Y021, GX202Y022, GX202Y026.

GX203Y002: lubricant grease.

PIPES

Today plastic pipes play a key role in modern installations.
They offer undeniable benefits: great long-term reliability, no corrosion (typical with metals), reduced cost and installation versatility.
Giacomini's product range includes PEX-b, PEX/Al/PEX, PPR and PE-RT solutions.

SECTOR OF APPLICATION

CLASS 1	Domestic hot water (60°C)	
CLASS 2	Domestic hot water (70°C)	

CLASS 4	Floor heating system and low-temperature radiators	
CLASS 5	High temperature radiator heating system	

GIACOMINI
WATER E-MOTION

⭕ Extra flex PEX-b pipes for heating system

R996T-5

PRODUCT CODE	SIZE	▣	⊞
R996TY527	16 x 2	100	-
R996TY519	16 x 2	240	-
R996TY564	16 x 2	600	-
R996TY554	17 x 2	100	-
R996TY533	17 x 2	240	-
R996TY552	17 x 2	600	-
R996TY549	18 x 2	100	-
R996TY520	18 x 2	240	-
R996TY550	18 x 2	500	-
R996TY521	20 x 2	100	-
R996TY522	20 x 2	240	-
R996TY553	20 x 2	400	-

5-layer Giacotherm PEX-b pipe with intermediate anti-oxygen barrier, for heating/cooling systems.
Application class: 4, 5
(not suitable for domestic water).
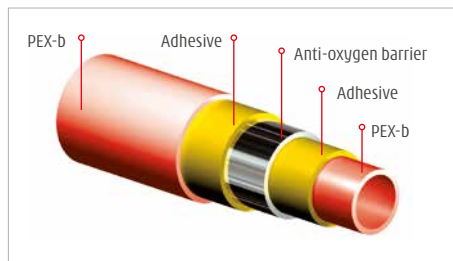
R996T

PRODUCT CODE	SIZE	▣	⊞
R996TY068	25 x 2,3	320	-

Giacotherm PEX-b pipe with anti-oxygen barrier, for heating/cooling systems.
Application class: 4, 5
(not suitable for domestic water).
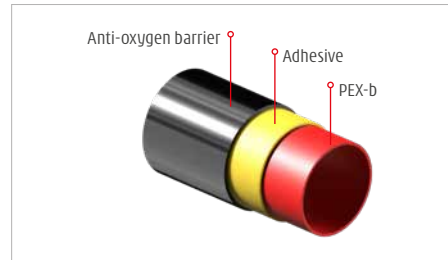
⭕ PEX-b pipes for heating system

R996

WITH ANTI-OXYGEN BARRIER

PRODUCT CODE	SIZE	▣	⊞
R996Y140	16 x 1,8	100	-
R996Y141	16 x 1,8	240	-
R996Y142	16 x 1,8	600	-
R996Y130	16 x 2,2	100	-
R996Y157	20 x 1,9	100	-
R996Y186	20 x 2	100	-
R996Y131	20 x 2,8	100	-
R996Y159	25 x 2,3	50	-
R996Y132	25 x 3,5	50	-
R996Y160	32 x 2,9 (4 m bars)	1	-
R996Y135	32 x 4,4 (4 m bars)	1	-
R996Y161	40 x 3,7 (4 m bars)	1	-
R996Y134	40 x 5,5 (4 m bars)	1	-

PEX-b pipe, for plumbing systems.

R995R

PRODUCT CODE	SIZE	▣	⊞
R995RY204	16 x 2	50	-

Giacotherm PEX-b pipe with anti-oxygen barrier, for heating/cooling systems. Red sleeve.
Application class: 4, 5 (not suitable for domestic water).

R995B

PRODUCT CODE	SIZE	▣	⊞
R995BY204	16 x 2	50	-

Giacotherm PEX-b pipe with anti-oxygen barrier, for heating/cooling systems. Blue sleeve.
Application class: 4, 5 (not suitable for domestic water).

⏵ 5 layer PE-RT pipes for heating system

R978

PRODUCT CODE	SIZE	⊡	⊞
R978Y172	12 x 1,5	240	-
R978Y175	12 x 1,5	600	-
R978Y223	16 x 2	100	-
R978Y226	16 x 2	240	-
R978Y227	16 x 2	600	-
R978Y233	17 x 2	100	-
R978Y235	17 x 2	240	-
R978Y237	17 x 2	600	-
R978Y255	20 x 2	240	-
R978Y256	20 x 2	400	-

PE-RT pipe with anti-oxygen barrier,
for heating/cooling systems.
Application class: 4
(not suitable for domestic water).

PE-RT — Adhesive — Anti-oxygen barrier — Adhesive — PE-RT
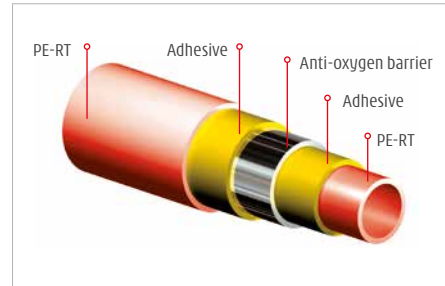
⏵ Multilayer pipes

R999

PIPES IN COILS

PRODUCT CODE	SIZE	⊡	⊞
R999Y122	16 x 2	100	-
R999Y123	16 x 2	200	-
R999Y124	16 x 2	500	-
R999Y132	18 x 2	100	-
R999Y133	18 x 2	200	-
R999Y142	20 x 2	100	-
R999Y143	20 x 2	200	-
R999Y173	26 x 3	50	-
R999Y183	32 x 3	50	-

PIPES IN 5 M BARS

PRODUCT CODE	SIZE	⊡	⊞
R999Y125	16 x 2	120	-
R999Y145	20 x 2	120	-
R999Y174	26 x 3	50	-
R999Y184	32 x 3	50	-
R999GY140	40 x 3,5	5	25
R999GY150	50 x 4	5	25
R999GY163	63 x 4,5	5	15
R999GY175	75 x 5	5	-
R999GY190	90 x 7	5	-

Multilayer pipe PEX/Al/PEX for domestic water
and heating/cooling systems.
Application class: 1, 2, 4, 5.

PEX-b — Adhesive — Aluminium — Adhesive — PEX-b
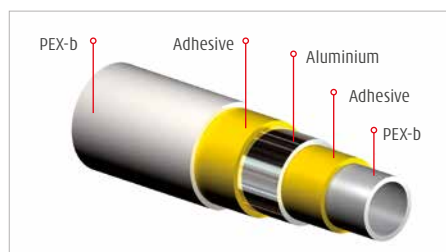
R999I

FOR HEATING

PRODUCT CODE	SIZE	⊡	⊞
R999IY220	16 x 2 - insulation 6 mm - red	50	-
R999IY222	16 x 2 - insulation 6 mm - red	100	-
R999IY225	16 x 2 - insulation 6 mm - blue	50	-
R999IY227	16 x 2 - insulation 6 mm - blue	100	-
R999IY230	18 x 2 - insulation 6 mm - red	50	-
R999IY235	18 x 2 - insulation 6 mm - blue	50	-
R999IY249	20 x 2 - insulation 6 mm - blue	50	-
R999IY240	20 x 2 - insulation 10 mm - red	50	-
R999IY245	20 x 2 - insulation 10 mm - blue	50	-
R999IY278	26 x 3 - insulation 6 mm - blue	50	-
R999IY270	26 x 3 - insulation 10 mm - red	25	-
R999IY272	26 x 3 - insulation 10 mm - red	50	-
R999IY277	26 x 3 - insulation 10 mm - blue	25	-
R999IY275	26 x 3 - insulation 10 mm - blue	50	-
R999IY280	32 x 3 - insulation 10 mm - red	25	-
R999IY244	20 x 2 - insulation 6 mm - red	50	-
R999IY285	32 x 3 - insulation 10 mm - blue	25	-

FOR HEATING AND COOLING

PRODUCT CODE	SIZE	⊡	⊞
R999IY120	16 x 2 - insulation 10 mm - grey	50	-
R999IY130	18 x 2 - insulation 10 mm - grey	50	-
R999IY140	20 x 2 - insulation 13 mm - grey	50	-
R999IY170	26 x 3 - insulation 13 mm - grey	25	-
R999IY180	32 x 3 - insulation 13 mm - grey	25	-

Multilayer pipe PEX/Al/PEX for domestic water
and heating/cooling systems, with insulation.
Application class: 1, 2, 4, 5. Available with
insulation in red, blue or grey color.

Covering film — PE-LD — Adhesive — Aluminium — Adhesive — PEX-b
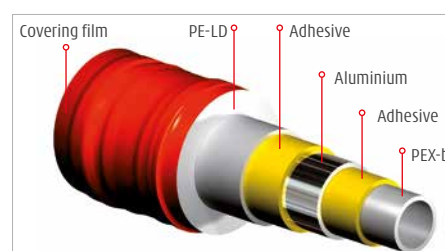
PEX-b pipes for plumbing systems

R996

WITHOUT ANTI-OXYGEN BARRIER

PRODUCT CODE	SIZE	⬜	⊞
R996Y150	16 x 1,8	100	-
R996Y184	16 x 2	100	-
R996Y026	16 x 2,2	100	-
R996Y144	25 x 2,3	50	-
R996Y154	32 x 2,9 (4 m bars)	1	-
R996Y146	40 x 3,7 (4 m bars)	1	-

PEX-b pipe, for plumbing systems.

R994

PRODUCT CODE	SIZE	⬜	⊞
R994Y028	16 x 2	50	-
R994Y026	16 x 2,2	50	-
R994Y032	20 x 2,8	50	-

Giacoflex PEX-b pipe for plumbing systems.
Red sleeve. Application class: 1, 2, 4, 5.

R993

PRODUCT CODE	SIZE	⬜	⊞
R993Y028	16 x 2	50	-
R993Y026	16 x 2,2	50	-
R993Y032	20 x 2,8	50	-

Giacoflex PEX-b pipe for plumbing systems.
Blue sleeve. Application class: 1, 2, 4, 5.

R995

PRODUCT CODE	SIZE	⬜	⊞
R995Y056	16 x 2,2	75	-
R995Y026	16 x 2,2	50	-
R995Y062	20 x 2,8	75	-
R995Y032	20 x 2,8	50	-

Giacoflex PEX-b pipe for plumbing systems.
Black sleeve. Application class: 1, 2, 4, 5.

Accessories

R985B

PRODUCT CODE	SIZE	⬜	⊞
R985BY001	Ø25	100	-
R985BY002	Ø30	100	-

Blue sleeve.

R998

PRODUCT CODE	SIZE	⬜	⊞
R998Y005	Red	10	100
R998Y006	Blue	10	100

End cap for sleeve (available in blue or red color).

R985N

PRODUCT CODE	SIZE	⬜	⊞
R985NY001	Ø25	100	-
R985NY002	Ø30	100	-

Black sleeve.

R990

PRODUCT CODE	SIZE	⬜	⊞
R990Y001	Ø0÷25 and 1/2"-3/4"-1"	1	-
R990Y002	8-10 mm	1	-

Shear for plastic pipe, Ø16,20,25 mm and 1/2",
3/4",1".

R985R

PRODUCT CODE	SIZE	⬜	⊞
R985RY001	Ø25	100	-
R985RY002	Ø30	100	-

Red sleeve.

R990M

PRODUCT CODE	SIZE	⬜	⊞
R990MY001	-	1	-

Shear for plastic pipe, Ø32 and Ø40 mm.

H201

PRODUCT CODE	SIZE	⊡	⊞
H201Y001	-	1	-

Cutter for plastic pipe, Ø32 and Ø40 mm.

RP205

PRODUCT CODE	SIZE	⊡	⊞
RP205Y001	Ø0÷20	1	-

Deburring tool for Giacotherm, Giacoflex and multilayer pipes.

RP208

PRODUCT CODE	SIZE	⊡	⊞
RP208Y016	16 x 2	1	1
RP208Y018	18 x 2	1	50
RP208Y020	20 x 2	1	-

Steel pipe bending spring.

RP209

PRODUCT CODE	SIZE	⊡	⊞
RP209Y101	16x2 - 20x2 - 26x3 - 32x3	1	10
RP209Y102	40x3,5 - 50x4 - 63x4,5	1	10

Ratchet calibrator/deburring tool for multilayer pipes.

RP209-1

PRODUCT CODE	SIZE	⊡	⊞
RP209Y110	16x2 - 20x2 - 26x3	1	-

Calibrator/deburring tool for multilayer pipes, specific for ceiling panels systems.

R576

PRODUCT CODE	SIZE	⊡	⊞
R576X001	-	20	120

Traction fitting for Giacoflex and Giacotherm pipes 12/10 - 15/10 - 16/11,6.

R865

PRODUCT CODE	SIZE	⊡	⊞
R865Y001	-	1	-

Universal unroller support for plastic pipes.

BOILER ROOM COMPONENTS

Modern buildings have to guarantee operating continuity, easy maintenance, and low management costs; that is why even heating systems have to offer optimum safety and reliability, and fully meet the legislative and prescriptive regulations.

To satisfy these needs beginning right in the heart of the system, the boiler room, we have a complete range of components for ensuring excellent control and energy efficiency.

GIACOMINI
WATER E-MOTION

1 R555 INAIL threaded or flanged manifold	**2 R140D** INAIL safety valve	**3 K374** INAIL pressure switches	**4 K374** INAIL pressure switches
7 N143 INAIL fuel shut-off valve	**8 R146D/R146M/R146C** dirt separator	**9 R146I** deaerator group	**10 R150M** automatic filling unit
13 R950/R910 ball valve	**14 GE552-1** meters for thermal heating	**15 R141** relief funnel	**16 R626** backflow preventer
19 R586S circulation unit for solar thermal systems	**20 R156/R156-2** thermostatic mixer	**21 R74A/R74M** Y-filter	**22 R60** disk check valve
25 R206C differential pressure control valve	**26 R276/R267B/R277** motorised zone valve	**27 R586SEP** multifunction boiler room manifold	
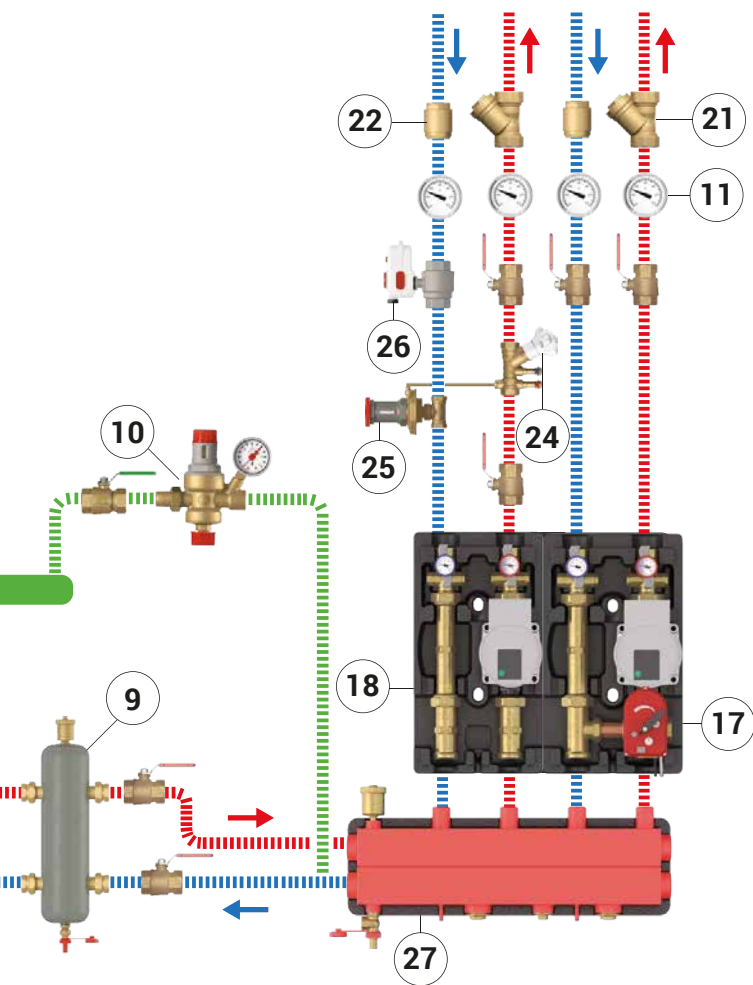
Modern buildings should offer work continuity, easy maintenance and low running costs; for this reason, boiler rooms characterized by high safety, reliable protection and total compliance with laws are required. In order to satisfy these requests, Giacomini offers a complete range of boiler room components; with it, a single supplier can provide all you need for thermo-vector fluid and sanitary water distribution from central room to room terminals.
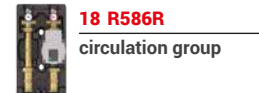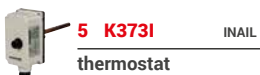
The application of the boiler room components shown in the figure is merely an example. The sizing of the components, and their positioning in the layout diagram, depends on the system configuration chosen during the design phase.

5 K373I INAIL
thermostat

6 R225I/R228A/R228I
manometer, damper,
3-way manometer
holder cock

11 R540I INAIL
thermometer

12 VES
expansion vessel

17 K275/K275-1
actuators
for mixing valve

18 R586R
circulation group

23 R153C/R153P/R153M
pressure reducing
valves

24 R206B
static balancing valve

Energy Management | Fire Protection | Water Management | Gas Distribution | Renewable Sources | Hydrogen Systems | Radiant Systems

GIACOMINI.COM

● Balancing valves

R206B

PRODUCT CODE	SIZE	⊡	⊞
R206BY003	1/2"	1	-
R206BY004	3/4"	1	-
R206BY005	1"	1	-
R206BY006	1 1/4"	1	-
R206BY007	1 1/2"	1	-
R206BY008	2"	1	-
R206BY013	1/2" *	1	-
R206BY014	3/4" *	1	-
R206BY015	1" *	1	-
R206BY016	1 1/4" *	1	-
R206BY017	1 1/2" *	1	-
R206BY018	2" *	1	-

* Without probe holders.

⊙ VIDEO
R206B

Static balancing valve
with fixed orifice (Venturi principle).
Brass body with female-female
connections and 1/4"F connection
for differential pressure controller
capillary tube.
Available in version with
or without probe holders to connect
the differential pressure gauge
for differential pressure measurement.
Working temperature range: 5÷110 °C
Max. working pressure: 25 bar

ⓘ **INFO**

Accessories
- P206Y001: probe holders for pressure outlets.
- P206Y011: probe holders with adjustable fitting for pressure outlets.
- R225EY001: digital pressure gauge to read the differential pressure.

R206C

PRODUCT CODE	SIZE	⊡	⊞
R206CY103	DN15 - 1/2" - Kv 2,24	1	5
R206CY104	DN20 - 3/4" - Kv 3,49	1	5
R206CY105	DN25 - 1" - Kv 5,92	1	5
R206CY106	DN32 - 1 1/4" - Kv 6,95	1	5
R206CY107	DN40 - 1 1/2" - Kv 11,72	1	5
R206CY108	DN50 - 2" - Kv 12,97	1	5

Differential pressure controller,
equipped with a copper capillary tube
1 m length.
Differential pressure setting:
5÷30 kPa in "Low" modality;
25÷60 kPa in "High" modality.

PATENTED

⊙ VIDEO
R206C

R206B-1

PRODUCT CODE	SIZE	⊡	⊞
R206BY113	1/2"	1	25
R206BY114	3/4"	1	25
R206BY115	1"	1	25

Compact static balancing valve.
Brass body with female-female connections
and 1/4"F connection for differential pressure
controller capillary tube.
Working temperature range: 5÷110 °C
Max. working pressure: 25 bar
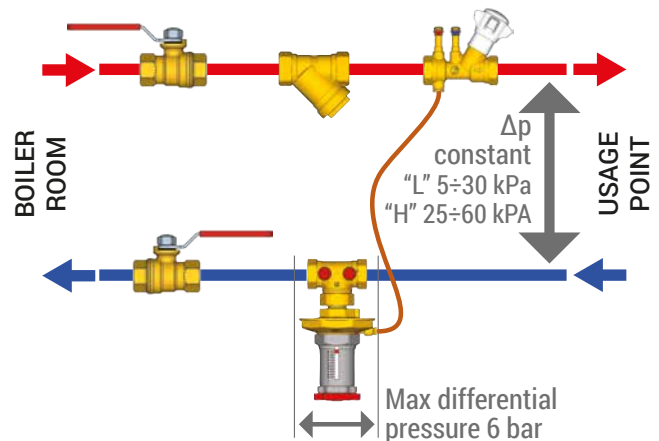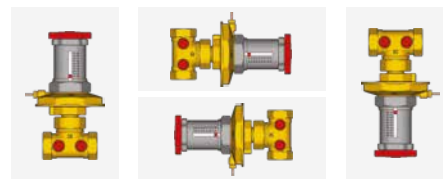
R206C-1

PRODUCT CODE	SIZE	⊡	⊞
R206CY223	DN15 - 1/2" - Kv 1,55 /5÷30 kPa	1	15
R206CY224	DN20 - 3/4" - Kv 2,40 /5÷30 kPa	1	15
R206CY225	DN25 - 1" - Kv 4,15 /5÷30 kPa	1	10
R206CY233	DN15 - 1/2" - Kv 1,55 /25÷60 kPa	1	15
R206CY234	DN20 - 3/4" - Kv 2,40 /25÷60 kPa	1	15
R206CY235	DN25 - 1" - Kv 4,15 /25÷60 kPa	1	10

Compact differential pressure controller,
equipped with a copper capillary tube 1 m
length and pressure outlets.
Differential pressure setting:
5÷30 kPa or 25÷60 kPa depending on versions.

R206A

WITH TAIL PIECES

PRODUCT CODE	SIZE	⊡	⊞
R206AY113	G 1/2"M, DN15 (LF)	1	15
R206AY103	G 1/2"M, DN15	1	15
R206AY104	G 3/4"M, DN20	1	15
R206AY105	G 1"M, DN20	1	15
R206AY125	G 1"M, DN25 (HF)	1	10
R206AY106	G 1-1/4"M, DN25	1	10
R206AY107	G 1-1/2"M, DN50	1	-
R206AY108	G 2"M, DN50	1	-

WITHOUT TAIL PIECES

PRODUCT CODE	SIZE	⊡	⊞
R206AMY103	G 3/4"M, DN15	1	15
R206AMY104	G 1"M, DN20	1	15
R206AMY114	G 1"M, DN20	1	15

PATENTED

Pressure independent control valve (PICV).
Combines an automatic control
of the flow rate with an optional control
of the valve through an actuator.
The valve is able to regulate the flow rate
and keep it constant as the differential pressure
conditions vary within the hydraulic circuit
in which it is installed.

The valve can be used with two operating modes:
- independent control of the pressure
(with K281 actuator installed) in accordance
with the thermal load requirements of the circuit
section to be controlled;
- limitation of the flow rate and/or shut-off
 of the fluid (without actuator
or with R473 thermo-electric actuator installed).
Flow rate adjustment is guaranteed within the
declared differential pressure range,
with a maintained error of ± 10%
on the controlled flow rate value.
The valve is equipped with pressure ports
for measuring the differential pressure in
combination with a differential pressure gauge
and its own probes.
R73PY010 setting key for flow rate presetting
included.

Temperature range: 5÷120 °C.
Max. working pressure: 25 bar (2,5 MPa).
Working differential pressure range:
25÷400 kPa (max. 4 bar)
with R473 thermo-electric actuator;
25÷800 kPa (max. 8 bar)
with K281 actuator or without actuator.
Actuator connection: M30 x 1,5 mm.

ⓘ **INFO**

Accessories
- K281X062: DN15, DN20, DN25
0..10 V actuator for flow rate proportional linear control, 24 V.
- K281X082: DN50
0..10 V actuator for flow rate proportional linear control, 24 V.
- R473X221: thermo-electric actuator 230 V,
normally closed, ON/OFF type.
- R473X222: thermo-electric actuator 24 V,
normally closed, ON/OFF type.
- R473HEX001: 230 V thermo-electric actuator,
normally closed, 2-conductor wire, IP54, 1 W.
- R453FY002: adaptor ring M30 x 1,5 mm
for R473 thermo-electric actuator.
- R225EY001: digital pressure gauge to read
the differential pressure.
- P206Y001: probe holders for pressure ports.
- P206Y011: probe holders with adjustable fitting
for pressure ports.
Spare parts
- R73PY010:
setting key for flow rate presetting.

WORKING FLOW RATE RANGE:

R206AY113: 32÷520 l/h*
R206AY103: 150÷380 l/h (LF);
180÷630 l/h (HF)
R206AY104: 320÷910 l/h (LF);
700÷1175 l/h (HF)
R206AY105: 290÷1000 l/h (LF);
860÷1500 l/h (HF)
R206AY125: 600÷3500*
R206AY106: 800÷4700 l/h*
R206AY107: 5200÷14000 l/h*
R206AY108: 5200÷14000 l/h*
R206AMY103: 150÷380 l/h (LF);
180÷630 l/h (HF)
R206AMY104: 320÷910 l/h (LF);
700÷1175 l/h (HF)
R206AMY114: 290÷1000 l/h (LF);
860÷1500 l/h (HF)
* (single setting scale)

PRODUCT CODE	R473X221 ON/OFF 230 V	R473X222 ON/OFF 24 V	K281X062 0...10 24 V	K281X082 0...10 24 V	P206Y001	R225EY001
R206AY113	✓	✓	✓		✓	✓
R206AY103	✓	✓	✓		✓	✓
R206AY104	✓	✓	✓		✓	✓
R206AY105	✓	✓	✓		✓	✓
R206AY125			✓		✓	✓
R206AY106			✓		✓	✓
R206AY107				✓	✓	✓
R206AY108				✓	✓	✓
R206AMY103	✓	✓	✓		✓	✓
R206AMY104	✓	✓	✓		✓	✓
R206AMY114	✓	✓	✓		✓	✓

R280KC

PRODUCT CODE	SIZE	⬚	⊞
R280KCY000	1-1/2"UNS-M x G 1"M /DN15 (LF)	1	-
R280KCY001	1-1/2"UNS-M x G 1"M /DN15	1	-
R280KCY002	1-1/2"UNS-M x G 1"M /DN20	1	-
R280KCY003	G 1-1/2"M x G 1"M /DN25	1	-

ⓘ **INFO**

Accessories
- K281X022: ON/OFF actuator, 24 V.
- K281X062: 0..10 V actuator for flow rate proportional linear control, 24 V.
- K281X063: 0..10 V actuator for flow rate proportional linear control, 24 V, with fail safe.
- R473X221: 230 V thermo-electric actuator, normally closed, 2-conductor wire, IP40, 2,5 W.
- R473X222: 24 V thermo-electric actuator, normally closed, 2-conductor wire, IP40, 2,5 W.
- R473HEX001: 230 V thermo-electric actuator, normally closed, 2-conductor wire, IP54, 1 W.
- R453FY002: M30 x 1,5 mm adaptor ring for installation of R473/R473M thermo-electric actuators.
- R225EY001: electronic differential pressure gauge and flow rate calculator, including M10 x 1 mm needle probes.
- P206Y001: pair of pressure ports.
- P206Y011: pair of adjustable fittings with pressure ports.
- P15M: pair of male threaded tail pieces, including nut and sealing gasket.
- P15F, R37K: pair of female threaded tail pieces, including nut and sealing gasket.
- P15E: pair of eccentric male threaded tail pieces to reduce the supply-return center distance from 60 to 40 mm, including nut and sealing.
Spare parts
- R73PY010: key for PICV flowrate presetting

Preassembled compact kit combining the components required for balancing, control, flushing and commissioning of HVAC terminal units (fan coils, chilled beams, etc.) with the main distribution network.
The kit consists of a diverting ball valve to bypass the unit, a full-port ball valve with integrated filter, a pressure independent control valve (PICV) with its flow rate setting key, a draincock and four pressure ports to measure the differential pressure and the flow rate.
Temperature range: 5÷120 °C.
Max. working pressure: 25 bar (2,5 MPa).
Working differential pressure range: 25÷400 kPa or 25÷800 kPa depending on the installed actuator.
Actuatorconnection: M30 x 1,5 mm.
Working flow rate range:
R280KCY000: 32÷520 l/h (single setting scale)
R280KCY001: 150÷380 l/h (LF); 180÷630 l/h (HF)
R280KCY002: 290÷1000 l/h (LF; 860÷1500 l/h (HF)
R280KCY003: 600÷3500 l/h (single setting scale)

▶ VIDEO
R280KC

Compact kit for terminal units (fan coils) | **giacomini.com**

THE ESSENTIAL DIMENSION OF BALANCING

The **R280KC** compact kit for terminal units (fan coils) is key not just for its **extremely reduced** dimensions but also for its components, which are essential to seamlessly operate the system.
In less than 20 cm, the **pre-assembled kit** efficiently combines the elements required for **balancing** and **maintenance** of HVAC terminal units, such as fan coils and chilled beams, connecting them to the main distribution line in a **simple, quick and flawless manner**.

Compact | Dual setting | Resistant to differential pressure

R280KC

GIACOMINI
WATER E-MOTION

P206

PRODUCT CODE	SIZE	⊡	⊞
P206Y001	G 1/4"M - Straight	1	-
P206Y011	G 1/4"M - Adjustable fittings	3	60

Probe holder for pressure outlets, to measure the flow rate in the balancing valves. Suitable for pressure outlets with needle Ø3 mm and length 30÷40 mm.

ⓘ **INFO**

P206Y001: straight probe holders
P206Y011: probe holders with 90°elbow fittings

P206C

PRODUCT CODE	SIZE	⊡	⊞
P206CY111	For R206C and R206C-1	1	32

Copper capillary tube for valves R206C and R206C-1, 1 m length.

R225E

PRODUCT CODE	SIZE	⊡	⊞
R225EY001	-10÷20 bar	1	-

Differential pressure gauge to measure the differential pressure and flow rate calculation for balancing plumbing systems.
Battery powered (2 x AA).
Equipped with two needle probes M10x1 mm.
Measuring range of differential pressure: -10÷20 bar.
Fluid temperature:-5÷90 °C.

P225E

PRODUCT CODE	SIZE	⊡	⊞
P225EY001	Needle Ø 3 mm	1	-

Couple of valves for R225E pressure gauge, equipped with Ø3 mm needle for measuring the pressure/flow rate through the pressure outlets of R206B static balancing valves.

P15M

PRODUCT CODE	SIZE	⊡	⊞
P15Y015	G 1"F x G 1/2"M	10	50
P15Y016	G 1"F x G 3/4"M	10	50
P15Y017	G 1"F x G 1"M	5	50

Couple of brass tail pieces, male threaded, with nut and gasket.

P15F

PRODUCT CODE	SIZE	⊡	⊞
P15FY003	G 1"F x Rp 1/2"	1	50
P15FY004	G 1"F x Rp 3/4"	1	50
P15FY005	G 1"F x Rp 1"	1	50
P15FY023	1-1/2"UNS-F x G 1/2"F	1	50
P15FY024	1-1/2"UNS-F x G 3/4"F	10	60
P15FY025	1-1/2"UNS-F x G 1"F	1	40

Couple of brass tail pieces, female threaded, with nut and gasket.

P15E

PRODUCT CODE	SIZE	⊡	⊞
P15EY004	G 3/4"M	15	150
P15EY005	G 1"M	15	150
P15EY014	G 1"F x G 3/4"M	15	150

Brass eccentric tail pieces male threaded with flat seat connection.

P15EY004, P15EY005: one tail piece without nut and gasket.
P15EY014: couple of tail piece with nut and gasket.

⟩ Distribution mixing units

R586R

| R586RY101 | R586RY102 | R586RY103 | R586RY104 | R586RY131 | R586RY133 | R586RY151 | R586RY153 |

WITH PUMP (MOLEX CABLE INCLUDED)

PRODUCT CODE	SIZE	APPLICATION	▢	⊞
R586RY101	DN25 - G 1-1/2"M x G 1"F	🔥 ❄	1	-
R586RY102	DN25 - G 1-1/2"M x G 1"F	🔥 ❄	1	-
R586RY103	DN25 - G 1-1/2"M x G 1"F	🔥 ❄	1	-
R586RY104	DN25 - G 1-1/2"M x G 1"F	🔥	1	-
R586RY131	DN32 - G 2"M x G 1-1/4"F	🔥 ❄	1	-
R586RY133	DN32 - G 2"M x G 1-1/4"F	🔥 ❄	1	-
R586RY151	DN40 - PN6 flanged x G 1-1/2"F	🔥 ❄	1	-
R586RY153	DN40 - PN6 flanged x G 1-1/2"F	🔥 ❄	1	-

| R586RY111 | R586RY112 | R586RY113 | R586RY114 | R586RY141 | R586RY143 | R586RY161 | R586RY163 |

WITHOUT PUMP

PRODUCT CODE	SIZE	APPLICATION	▢	⊞
R586RY111	DN25 - G 1-1/2"M x G 1"F	🔥 ❄	1	-
R586RY112	DN25 - G 1-1/2"M x G 1"F	🔥 ❄	1	-
R586RY113	DN25 - G 1-1/2"M x G 1"F	🔥 ❄	1	-
R586RY114	DN25 - G 1-1/2"M x G 1"F	🔥	1	-
R586RY141	DN32 - G 2"M x G 1-1/4"F	🔥 ❄	1	-
R586RY143	DN32 - G 2"M x G 1-1/4"F	🔥 ❄	1	-
R586RY161	DN40 - PN6 flanged x G 1-1/2"F	🔥 ❄	1	-
R586RY163	DN40 - PN6 flanged x G 1-1/2"F	🔥 ❄	1	-

ⓘ **INFO**

Versions
- R586RY101, R586RY111, R586RY131, R586RY141, R586RY151, R586RY161: without mixing valve.
- R586RY102, R586RY112: with R296 ball mixing valve.
- R586RY103, R586RY113, R586RY133, R586RY143, R586RY153, R586RY163:
with R297 sector mixing valve.
- R586RY104, R586RY114: with thermostatic mixing valve.
Optional components
- K275Y002: actuator with integrated constant temperature regulator, for DN25 and DN32 units.
- K275Y011: 3-point floating actuator controllable with KLIMAbus electronic control,
for DN25 and DN32 units.
- K275Y013: actuator with 0..10 V setting controllable with KLIMAbus electronic control,
for DN25 and DN32 units.
- K274Y103: actuator with 0..10 V setting controllable with KLIMAbus electronic control, f
or DN40 units.
- R284Y021: differential by-pass kit, for DN25, DN32 units.
- R252Y001: shut-off ball valve G 1"F x nut G 1-1/2"F, for installation upstream the distribution unit.
- R252Y002: shut-off ball valve G 1-1/4"F x nut G 2"F, for installation upstream the distribution unit.
- KLIMAbus electronic control: KLIMAbus electronic control components
(electronic controller, thermostats, probes, etc...).

Distribution units to control heating and cooling
for one zone of the system (R586RY104-114 for
heating only).
Supply and return outputs center distance 125 mm
(DN25, DN32); 160 mm (DN40).
Reversible supply and return outputs
(DN40 unit with mixing valve is not reversible).
Complete with shut-off ball valves with
thermometers, check valve on return circuit,
insulation and wall-mount plate.

♨ **Heating and cooling**

▯ **Reversable supply/return outlets**

↘ **Integrated check valve on return circuit**

R586SEP

PRODUCT CODE	SIZE	▱	▦
R586SEY02	For DN25 R586R (2 outlets)	1	-
R586SEY03	For DN25 R586R (3 outlets)	1	-
R586SEY12	For DN32 R586R (2 outlets)	1	-
R586SEY13	For DN32 R586R (3 outlets)	1	-
R586SEY22	For DN40 R586R (2 outlets)	1	-
R586SEY23	For DN40 R586R (3 outlets)	1	-

ⓘ **INFO**

Versions
- R586SEY02, R586SEY03, R586SEY12, R586SEY13: threaded connections.
- R586SEY22, R586SEY23: flanged connections.
Optional components
- R20DY016: 3-piece straight fitting, with self-sealing, G 1-1/4"M x G 1-1/4"M, for series connection of two R586SEY02/03boiler room manifolds.
- R20SPY007: 3-piece straight fitting, G 1-1/2"M x R 1-1/2", for series connection of two R586SEY12/13 boiler room manifolds.
- R20SPY008: 3-piece straight fitting, with self-sealing, G 2"M x R 2", for series connection of two R586SEY22/23 boiler room manifolds.
- R588SEY01: pair of wall-mount brackets for boiler room manifolds (DN25, DN32).
- R588SEY02: pair of wall-mount brackets for boiler room manifolds (DN40).

Completion codes
- R252Y001: shut-off ball valve, G 1"F x nut G 1-1/2"F, for installation of R586R DN25 units on the boiler room manifold secondary circuit connections.
- R252Y002: shut-off ball valve, G 1-1/4"F x nut G 2"F, for installation of R586R DN32 units on the boiler room manifold secondary circuit connections.
- R37KY005: pair of tail pieces, G 1"F x nut G 1-1/2"F, without interception, for installation of R586R DN25 units on the boiler room manifold secondary circuit connections.
- R37KY006: pair of tail pieces, G 1-1/4"F x nut G 2"F, without interception, for installation of R586R DN32 units on the boiler room manifold secondary circuit connections.

Boiler room manifold, steel made,
with hydraulic separator function and connections for primary and secondary circuits.
Equipped with automatic air vent valve,
drain cock and insulation.
Possibility to install two or three R586R
for every R586SEP.
Wall installation on R588SEP mounting brackets.
Secondary circuit center distance:
125 mm (DN25, DN32); 160 mm (DN40).

Max. flow rate in operation as manifold: 4500 l/h (DN25); 9500 l/h (DN32); 14500 l/h (DN40).
Max. flow rate in operation as hydraulic separator*:
4500 l/h (DN25); 9500 l/h (DN32); 14500 (DN40).
* Limit to 3500 l/h the flow rate difference between primary and secondary circuits.
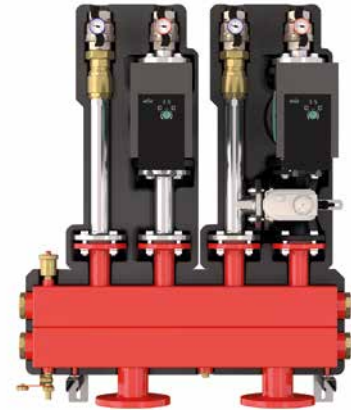
TYPICAL APPLICATION LAYOUT

Application diagram for heating and cooling systems with R586SEP boiler room manifold including R586RY101 unit for non-mixed circuit + R586RY102 unit with mixing valve for low-temperature circuit.

GIACOMINI
WATER E-MOTION
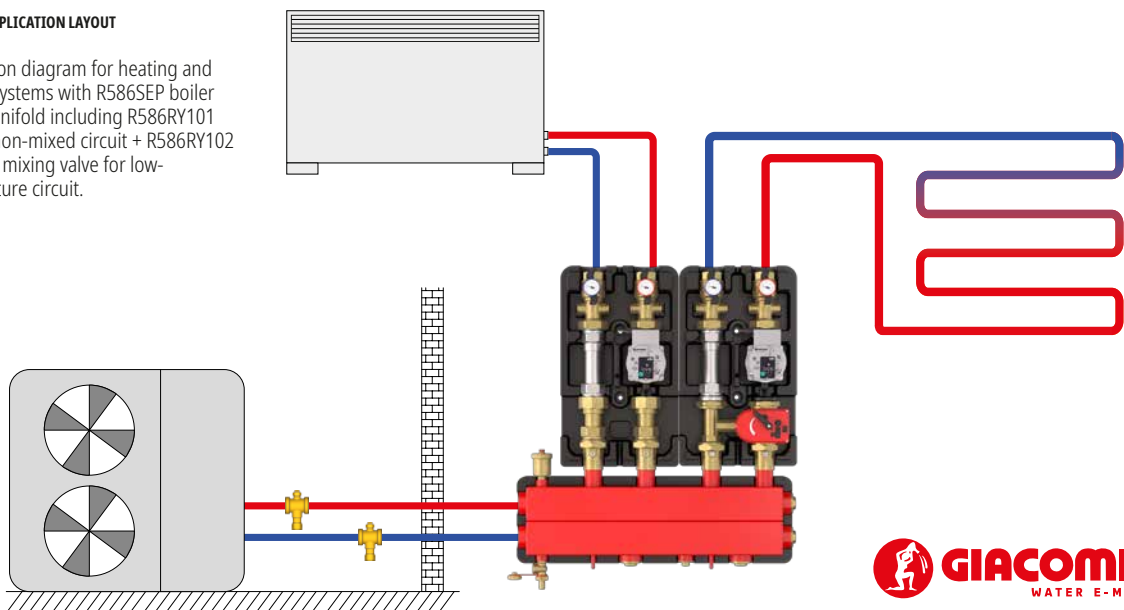
R588SEP

PRODUCT CODE	SIZE	⊡	⊞
R588SEY01	-	1	-

Pair of brackets for wall installation
of R586SEP boiler room manifold.
Equipped with washers and M8 nuts.

R588G

PRODUCT CODE	SIZE	⊡	⊞
R588GY001	-	1	25

Wall mounting bracket for R586 manifold,
made of galvanized sheet metal.

R284-1

PRODUCT CODE	SIZE	⊡	⊞
R284Y021	26/19	1	30

Differential by-pass kit to protect t
he pump of R586R units.
The kit includes a brass spacer
with integrated check valve calibrated
at a fix value of 5 m w.c., two nuts
to be screwed on the interception valves
and two PTFE gaskets.

R586

PRODUCT CODE	SIZE	⊡	⊞
R586Y001	1-1/4" x 1"	1	-

Brass manifold for boiler room,
equipped with two female caps.
Center distance: 120 mm.
Possibility of series connection.

ⓘ **INFO**

To be completed with:
- R592DY006 self-sealing male end plugs.
Series connection using R20DL fitting.

R20DL

PRODUCT CODE	SIZE	⊡	⊞
R20DY016	G 1-1/4"M x G 1-1/4"M	2	20

Three pieces adaptor with nut and gasket,
with self-sealing.

R147N

PRODUCT CODE	SIZE	⊡	⊞
R147NY004	3/4" x 3/4"	1	25

Differential pressure valve to be installed on
heating system with thermostatic valves.

R19DL

PRODUCT CODE	SIZE	⊡	⊞
R19DY016	1 1/4"	2	20

Angle fitting in three pieces with flat seat
and self-sealing at male thread.

R20SP

PRODUCT CODE	SIZE	⊡	⊞
R20SPY007	G 1-1/2"M x R 1-1/2"	1	25
R20SPY008	G 2"M x R 2"	1	25

Three pieces adaptor with nut and gasket,
without self-sealing.

◆ Zone and mixing valves

R274C

PRODUCT CODE	SIZE	▱	⊞
R274CY003	G 1/2"M	1	10

Compact 6-way zone valve with male threaded connections.

For use in applications on four pipes systems, where heating and cooling must be available simultaneously.

The typical installation is on ceiling, underfloor and fan coil systems, but are not excluded other applications.

Temperature range: 5÷90 °C.

Nominal pressure: 16 bar.

Valve closed with stem in 45° position.

The 40 mm center distance between inlet and outlet provides direct connection to the fan coils.
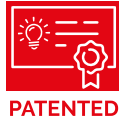
ⓘ **INFO**

Optional:
- K274Y072: actuator 24 Vac/dc (2-10 V).
- P21SY001-P21SY006:
calibrated washers to control the loss of pressure.
- RM179Y053, RM179Y056, P15FY013, P15Y018:
fittings to connect the system pipes.
- R254PY102, R254PY112:
ball valves to connect the system pipes.

PATENTED

HEATING AND COOLING WITH 4 TWO-WAY ZONE VALVES
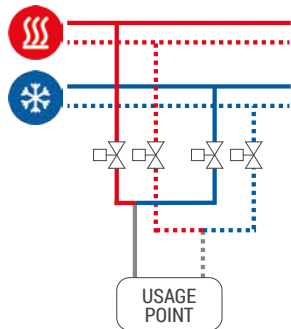
HEATING AND COOLING WITH 1 SIX -WAY ZONE VALVE

USAGE POINT

USAGE POINT
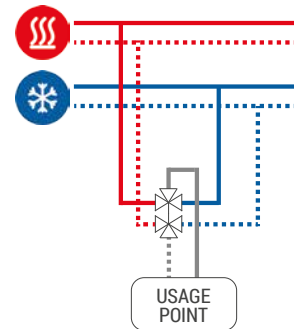
R274N

PRODUCT CODE	SIZE	▱	⊞
R274Y033	G 1/2"M	1	20
R274Y133	G 1/2"M (DZR brass)	1	20
R274Y045	G 1"M	1	10
R274Y145	G 1"M (DZR brass)	1	10
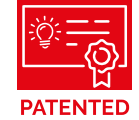
6-way zone valve with male threaded connections.

For use in applications on four pipes systems, where heating and cooling must be available simultaneously.

The typical installation is on ceiling, underfloor and fan coil systems, but are not excluded other applications.

Temperature range: 5÷90 °C.

Nominal pressure: 10 bar.

Valve closed with stem in 45° position.

ⓘ **INFO**

Optional for R274Y033, R274Y133 (1/2"):
- K274Y072: actuator 24 Vac/dc (2-10 V).
- P21SY001-P21SY006: calibrated washers to control the loss of pressure.
- RM179Y053, RM179Y056, P15FY013, P15Y018: fittings to connect the system pipes.
- R254PY102, R254PY112: ball valves to connect the system pipes.
- R274WY002: insulation.

Optional for R274Y045, R274Y145 (1"):
- K274Y072: actuator 24 Vac/dc (2-10 V).
- P21SY011-P21SY018: calibrated washers to control the loss of pressure.
- RM179Y073, RM179Y074, R252Y003, RM252Y004, R252Y023, R252Y025, P15Y015, P15Y016, P15Y017, P15FY004, P15FY005: fittings to connect the system pipes.
- R274WY001: insulation.

⚠ **WARNING.**

The valve can be installed in any position but it's important that the actuator is not in an upside-down position or with the power supply cable coming in from above (to avoid possible problems due to possible condensation).

PATENTED

▶ **VIDEO R274N**
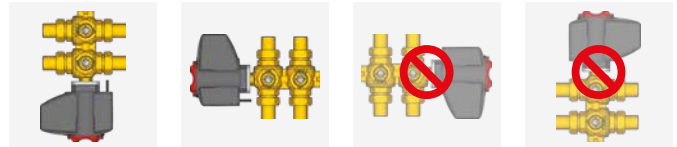
PRODUCT CODE	SIZE	VALVE BODY MATERIAL	OPTIONAL			
			CALIBRATED WASHERS	ACTUATOR	INSULATION	FITTINGS
R274CY003	G 1/2"M	CW617N	P21SY001 ÷ P21SY006	K274Y072 K274Y052	R274WY102	RM179Y053 (1/2"F x 16x2) RM179Y056 (1/2"F x 20x2) P15FY013 (1/2"F x 1/2"F) P15Y018 (1/2"F x 1/2"M) R254PY102 (1/2"F x 1/2"M) red R254PY112 (1/2"F x 1/2"M) blue
R274Y033	G 1/2"M		P21SY001 ÷ P21SY006	K274Y052 K274Y072	R274WY002	RM179Y053 (1/2"F x 16x2) RM179Y056 (1/2"F x 20x2) P15FY013 (1/2"F x 1/2"F) P15Y018 (1/2"F x 1/2"M)
R274Y133	G 1/2"M	CW602N DZR	P21SY001÷P21SY006	K274Y052 K274Y072	R274WY002	
R274Y045	G 1"M	CW617N	P21SY011 ÷ P21SY018	K274Y052 K274Y072	R274WY001	RM179Y073 (1"F x 26x3) RM179Y074 (1"F x 32x3) RM252Y003 (1"F x RM16x2) RM252Y004 (1"F x RM20x2)
R274Y145	G 1"M	CW602N DZR	P21SY011 ÷ P21SY018	K274Y052 K274Y072	R274WY001	R252Y023 (1"F x 1/2"M) R252Y025 (1"F x 18) P15Y015 (1"F x 1/2"M) P15Y016 (1"F x 3/4"M) P15Y017 (1"F x 1"M) P15FY004 (1"F x 3/4"F RP, EN 10226) P15FY005 (1"F x 1"F RP, EN 10226)

P21S

PRODUCT CODE	SIZE	▢	⊞
P21SY001	Ø2,7 mm - Kv 0,25	1	5
P21SY002	Ø3,5 mm - Kv 0,40	1	5
P21SY003	Ø4,5 mm - Kv 0,65	1	5
P21SY004	Ø6,0 mm - Kv 1,00	1	5
P21SY005	Ø7,0 mm - Kv 1,30	1	5
P21SY006	Ø8,0 mm - Kv 1,60	1	5

FOR R274N SIZE 1"

PRODUCT CODE	SIZE	▢	⊞
P21SY011	Ø3,0 mm - Kv 0,25	1	5
P21SY012	Ø4,0 mm - Kv 0,40	1	5
P21SY013	Ø4,5 mm - Kv 0,65	1	5
P21SY014	Ø5,8 mm - Kv 1,00	1	5
P21SY015	Ø6,7 mm - Kv 1,30	1	5
P21SY016	Ø7,5 mm - Kv 1,60	1	5
P21SY017	Ø9,0 mm - Kv 2,50	1	5
P21SY018	Ø12,7 mm - Kv 3,45	1	5

Calibrated washers with Seeger ring,
for balancing the Kv of R274N, R274C
6-way zone valves.

ⓘ **INFO**

Order N°2 calibrated
washers for every
six-way valve.

R274W

PRODUCT CODE	SIZE	▢	⊞
R274WY001	For 1" R274N	1	30
R274WY002	For 1/2" R274N	1	25
R274WY102	For 1/2" R274C	1	25

Insulation for R274N, R274C 6-way zone valves,
made of cross-linked polyethylene foam.

P15M

PRODUCT CODE	SIZE	▢	⊞
P15Y018	G 1/2"F x G 1/2"M	5	50
P15Y015	G 1"F x G 1/2"M	10	50
P15Y016	G 1"F x G 3/4"M	10	50
P15Y017	G 1"F x G 1"M	5	50

Couple of brass tail pieces, male threaded,
with nut and gasket.

P15F

PRODUCT CODE	SIZE	▢	⊞
P15FY013	G 1/2"F x G 1/2"F	5	50
P15FY003	G 1"F x Rp 1/2"	1	50
P15FY004	G 1"F x Rp 3/4"	1	50
P15FY005	G 1"F x Rp 1"	1	50
P15FY023	1-1/2"UNS-F x G 1/2"F	1	50
P15FY024	1-1/2"UNS-F x G 3/4"F	10	60
P15FY025	1-1/2"UNS-F x G 1"F	1	40

Couple of brass tail pieces, female threaded,
with nut and gasket.

R252-1

PRODUCT CODE	SIZE	▢	⊞
RM252Y003	(RM16 x 2) x 1"F	4	40
RM252Y004	(RM20 x 2) x 1"F	4	40

Ball valves with nut and gaskets.

P15E

PRODUCT CODE	SIZE	▢	⊞
P15EY004	G 3/4"M	15	150
P15EY005	G 1"M	15	150
P15EY014	G 1"F x G 3/4"M	15	150

Brass eccentric tail pieces male threaded
with flat seat connection.
P15EY004, P15EY005: one tail piece
without nut and gasket.
P15EY014: couple of tail piece
with nut and gasket.

R295

PRODUCT CODE	SIZE	▢	⊞
R295Y001	1 1/2"	1	10

4-way mixing valve male-female connections.
Center distance: 120 mm.

ⓘ **INFO**

To be completed with K274, K275 or K275-1 actuator.

R296

PRODUCT CODE	SIZE	▢	⊞
R296Y001	1 1/2"	1	-

3-way mixing valve male-female connections.
Center distance: 120 mm.

ⓘ **INFO**

To be completed with K274, K275 or K275-1 actuator.

R297

THREADED CONNECTIONS

PRODUCT CODE	SIZE	▢	⊞
R297Y004	3/4"	1	-
R297Y005	1"	1	-
R297Y006	1 1/4"	1	-
R297Y007	1 1/2"	1	-
R297Y008	2"	1	-

FLANGED CONNECTIONS

PRODUCT CODE	SIZE	▢	⊞
R297Y105	DN50	1	-
R297Y106	DN65	1	-
R297Y108	DN80	1	-
R297Y110	DN100	1	-
R297Y112	DN125	1	-

Sector mixing valve female-female threaded
or flanged connections.
Threaded versions made of brass; flanged
versions made of cast iron.

ⓘ **INFO**

To be completed
with K275 or K275-1
actuator.
To install the K275 or
K275-1 actuators on
flanged version valves,
it is necessary to order
the installation kit
P275Y001.

R197P

PRODUCT CODE	SIZE	▢	⊞
R197PY001	1 1/4" x 1 1/2"	10	100

Fitting for horizontal installation of R295, R296
mixing valves.

R298

PRODUCT CODE	SIZE	⊡	⊞
R298Y027	1 1/2"	1	-

3-way mixing valve male-female flat seat connections. Center distance: 120 mm. M30 x 1,5 mm actuator connection.

ⓘ **INFO**

To be completed with K281 or K282K actuator.

R298N

PRODUCT CODE	SIZE	⊡	⊞
R298Y024	3/4"	1	-

3-way mixing valve female-female connections. M30 x 1,5 mm actuator connection.

ⓘ **INFO**

To be completed with K281 or K282K actuator.

R276

PRODUCT CODE	SIZE	⊡	⊞
R276Y004	3/4"	1	25
R276Y005	1"	1	25

2-way zone valve with female-female connections.

ⓘ **INFO**

To be completed with K270 or K272 actuator.

R277

PRODUCT CODE	SIZE	⊡	⊞
R277Y004	3/4"	1	25
R277Y025	1"	1	10

2-way zone valve with male-male connections with tail pieces.

ⓘ **INFO**

To be completed with K270 or K272 actuator.

R278

PRODUCT CODE	SIZE	⊡	⊞
R278Y004	3/4"	1	10
R278Y005	1"	1	10

3-way zone valve with male-male connections with tail pieces, by-pass and lockshield for adjustment.

ⓘ **INFO**

To be completed with K270 or K272 actuator.

R279

PRODUCT CODE	SIZE	⊡	⊞
R279Y004	3/4"	1	25
R279Y005	1"	1	10

3-way zone valve with female-female connections, with lockshield for adjustment.

ⓘ **INFO**

To be completed with K270 or K272 actuator.

R279D

PRODUCT CODE	SIZE	⊡	⊞
R279DY024	3/4"	1	-
R279DY025	1"	1	-

3-way diverting valve with female-female connections.

ⓘ **INFO**

To be completed with K270, K272 or K270-2 actuator.

R279DW

PRODUCT CODE	SIZE	⊡	⊞
R279DWY025	1"	1	-

Insulation for R279D diverting valves, made of expanded polyethylene.

R279B

PRODUCT CODE	SIZE	⊡	⊞
R279BY005	G 1"M - 230 V	1	6

3-way diverting valve with ON/OFF quick-opening actuator and insulation.
Temperature range: 5÷90 °C.
Max working pressure: 10 bar.
K270Y211 actuator included, with handle for manual command and stroke-end microswitch.
Power supply 230 V.
Actuation time: 8 seconds.
Protection class: IP44.
Polyethylene foam insulation.

R276B

PRODUCT CODE	SIZE	⊡	⊞
R276BX006	1 1/4" - 230 V	1	-
R276BX007	1 1/2" - 230 V	1	-
R276BX008	2" - 230 V	1	-
R276BX026	1 1/4" - 24 V	1	-
R276BX027	1 1/2" - 24 V	1	-
R276BX028	2" - 24 V	1	-

2-way zone valve with female-female connections, with K272 actuator and insulation included.

R291

PRODUCT CODE	SIZE	⊡	⊞
R291Y004	3/4"	1	10
R291Y005	1"	1	10

2-way piston zone valve, male-male connections with tail pieces.

ⓘ **INFO**

To be completed with R473, R473M actuator.

R292

PRODUCT CODE	SIZE	⊡	⊞
R292Y004	3/4"	1	10
R292Y005	1"	1	10

3-way piston zone valve,
male-male connections with tail pieces.

ⓘ **INFO**

To be completed with R473, R473M actuator.

R292E

PRODUCT CODE	SIZE	⊡	⊞
R292EY004	3/4"	1	10
R292EY005	1"	1	10

3-way piston zone valve, male-male connections
with eccentric tail pieces.

ⓘ **INFO**

To be completed with R473, R473M actuator.

R193K

PRODUCT CODE	SIZE	⊡	⊞
R193Y011	Ø18 - for R500 cabinets	1	50
R193Y021	Ø18 - for R500-2 cabinets	1	50

Connection kit for R278, R292, R292E zone
valves.

P19

PRODUCT CODE	SIZE	⊡	⊞
P19Y001	From M28 to M30	1	50
P19Y002	From M30 to M28	1	50

Ring nut to change the connection
of the mixing valves.

⬤ Electric actuators

R473

PRODUCT CODE	SIZE	⊡	⊞
R473X221	230 V	1	25
R473X222	24 V	1	25

Thermo-electric actuator, normally closed.
Cable length 1 m. With new high efficiency
thermo-electric probe. Can be used to replace
the manual handwheels on valves with
thermostatic option and/or manifolds.

R473M

PRODUCT CODE	SIZE	⊡	⊞
R473MX221	230 V	1	25
R473MX222	24 V	1	25

Thermo-electric actuator, normally closed,
with microswitch. Cable length 1 m.
With new high efficiency thermo-electric probe.
Can be used to replace the manual
handwheels on valves with thermostatic
option and/or manifolds.

R473E

PRODUCT CODE	SIZE	⊡	⊞
R473EX001	230 V	1	100

Thermo-electric actuator, normally closed,
equipped with adaptor for Giacomini Clip Clap
connection. Cable length 1 m. Can be used to
replace the manual handwheels on valves with
thermostatic option and/or manifolds.
TÜV Süd certification.

R473HE

PRODUCT CODE	SIZE	⊡	⊞
R473HEX001	230 V	1	100

Thermo-electric actuator, normally closed,
equipped with adaptor for M30 x 1,5 mm
connection. Cable length 1 m. Can be used to
replace the manual handwheels on valves with
thermostatic option and/or manifolds.
TÜV Süd certification.

K281

PRODUCT CODE	SIZE	⊡	⊞
K281X012	24 V - 0÷10 V	1	-
K281X014	24 V - 0÷10 V	1	-
K281X022	24 V - 3 point floating	1	-
K281X032	24 V - 0÷10 V	1	-
K281X042	24 V - 0÷10 V	1	-
K281X062	24 V - 0÷10 V	1	-
K281X063	24 V - 0÷10 V /with fail safe	1	-
K281X082	24 V - 0÷10 V	1	-

Actuator for R298 or R298N mixing valves, R206A
PICV, R280CK compact preassembled kit for
terminal units. Operation in combination with
Giacomini electronic control. M30 x 1,5 mm
connection.

K281X082

ⓘ **INFO**

- K281X012: actuator for valves R298, R298N. Power supply 24 V. Version 0÷10 V. 8 sec.
- K281X014: actuator for valves R298, R298N. Power supply 24 V. Version 0÷10 V. 4 sec.
- K281X022: actuator for valves R298, R298N, R280KC.
Power supply 24 V. Version ON/OFF.
- K281X032: actuator for valves R206AY056.
Power supply 24 V; 50/60 Hz. Version 0÷10 V. 5 VA. UL approved.
- K281X042: actuator for valves R206AY057, R206AY058.
Power supply 24 V; 50/60 Hz. Version 0÷10 V. 7 VA. UL approved.
- K281X062: actuator for valves R206A (DN15, DN20, DN25), R280KC.
Power supply 24 V; Version 0..10 V.
- K281X063: actuator for valves R206A (DN15, DN20, DN25), R280KC.
Power supply 24 V; Version 0..10 V. With fail-safe function.
- K281X082: actuator for valves R206A (DN50). Power supply 24 V; Version 0..10 V.

K282K

PRODUCT CODE	SIZE	⬚	⊞
K282KX002	24 V - 0÷10 V	1	5

Kit for stand-alone fixed-point heating/cooling management of the R298 or R298N mixing valves. Consisting of digital electronic regulator, K281X012 actuator with M28/M30 transformation ring nut and KTDS immersion temperature probe with Ø6 mm bulb. Including 230 Vac / 24 Vdc power supply. Setting set point that can be set via display/keyboard. Possibility of changing the heating/cooling operating mode via digital input.

K274

PRODUCT CODE	SIZE	⬚	⊞
K274Y101	230 V /3-point floating	1	-
K274Y102	24 V /3-point floating	1	-
K274Y103	24 V - 50 Hz - 0÷10 V	1	-

K274Y101 - K274Y102:
Actuator for R295, R296 mixing valves.
K274Y103: actuator for R586R DN40.
Possibility of automatic control in combination with Giacomini electronic control.

K274-2

PRODUCT CODE	SIZE	⬚	⊞
K274Y052	24 V /0-10 V (CE, UL)	1	-
K274Y072	24 V /2-10 V (CE)	1	-

Actuator for R274N, R274C 6-way zone valves. Automatic or manual operation by handwheel. Power supply 24 V - 0..10 V.

K275

PRODUCT CODE	SIZE	⬚	⊞
K275Y002	24 V	1	-

Actuator with integrated temperature regulator for R296, R297 mixing valves and R586R distribution units.

ⓘ **INFO**

The following kits are also supplied with the actuator:
- P275Y003: kit for actuator installation on R296 mixing valves
- P275Y004: kit for actuator installation on R297 3/4", 1", 1-1/4" mixing valves
Accessories
- P275Y001: kit for actuator installation on R297 1-1/2" and 2" mixing valves and R297 flanged
- P275Y005: kit for actuator installation on R586R DN32 distribution units
Spare parts
- P275Y003: kit for actuator installation on R296 mixing valves
- P275Y004: kit for actuator installation on R297 3/4", 1", 1-1/4" mixing valves
- P275Y010: power supply 230 V / 24 V

K275-1

PRODUCT CODE	SIZE	⬚	⊞
K275Y011	230 V - 3-point floating	1	-
K275Y013	24 V - 0-10 V	1	-

Actuator for control R296, R297 mixing valves, R274N, R274C 6-way zone valves (only K275Y013) and R586R distribution units

ⓘ **INFO**

The following kits are also supplied with the actuator:
- P275Y003: kit for actuator installation on R296 mixing valves
- P275Y004: kit for actuator installation on R297 3/4", 1", 1-1/4" mixing valves
Accessories
- P275Y001: kit for installation of actuator on 1-1/2" and 2" mixing valves R297 and R297 flanged
- P275Y002: kit for installation of actuator on R274N, R274C 6-way zone valves
- P275Y005: kit for actuator installation on R586R DN32 distribution units
Spare parts
- P275Y003: kit for actuator installation on R296mixing valves
- P275Y004: kit for actuator installation on R297 3/4", 1", 1-1/4" mixing valves

P275-1

PRODUCT CODE	SIZE	⬚	⊞
P275Y010	230V/24V for K275Y002	1	-

Power supply 230 V / 24 V for K275Y002 actuator.

K272

PRODUCT CODE	SIZE	⬚	⊞
K272Y101	230 V	1	-
K272Y102	24 V	1	-

Actuator for R276, R276B, R277, R278, R279 zone valves and R279D diverting valve. With stroke-end microswitch and knob for manual operation. 90° rotation in around 60 seconds.

ⓘ **INFO**

Actuator used also in R276B zone valves.

P275

PRODUCT CODE	SIZE	⬚	⊞
P275Y001	Kit for R297 flanged valves		
P275Y002	Kit for R274N, R274C		
P275Y003	Kit for R296 valves		
P275Y004	Kit for R297 3/4", 1", 1-1/4"		
P275Y005	Kit for R586R DN32		

Installation kit of K275Y002, K275Y011 and K275Y013 actuators on R296 and R297 mixing valves, on R274N, R274C 6-way zone valves and on R586R pump units.

ⓘ **INFO**

- P275Y001: installation kit for K275Y002/011/013 actuators on R297 1-1/2", 2" and R297 flanged mixing valves.
- P275Y002: installation kit for K275Y013 actuator on R274N, R274C 6-way zone valves.
- P275Y003: installation kit for K275Y002/011/013 actuators R296 mixing valves.
- P275Y004: installation kit for K275Y002/011/013 actuators on R297 3/4", 1", 1-1/4" mixing valves.
- P275Y005: installation kit for K275Y002/011/013 actuators on R586R DN32 pump units.

K270

PRODUCT CODE	SIZE	▢	▦
K270Y101	230 V	1	-
K270Y102	24 V	1	-

Actuator for R276, R277, R278, R279 zone valves and R279D diverting valve. With stroke-end microswitch. 90° rotation in around 40 seconds.

K270-1

PRODUCT CODE	SIZE	▢	▦
K270Y211	230 V	1	50

Actuator for R279B valves and R586HPIY105/R586HPIY115 hydronic unit for heat pump. Equipped with stroke-end microswitch. Rotation time: 8 seconds.

P272

PRODUCT CODE	SIZE	▢	▦
P272Y001	For R276,R277,R278,R279,R279D	1	-
P272Y002	For R276B	1	-

Kit for installing K272 actuator on Giacomini valves.

ⓘ **INFO**

- P272Y001: Giacomini kit for installing K272 actuator on R276, R277, R278, R279, R279D valves.
- P272Y002: ISO5211 kit for installation of K272 actuator on R276B valves.

K270-2

PRODUCT CODE	SIZE	▢	▦
K270Y111	230 V	1	50

Fast acting actuator for R279D diverting valve. Equipped with stroke-end microswitch. Rotation time: 10 seconds.

PRODUCT CODE	K270	K270-1	K270-2	K272	K274	K274-2	K275	K275-1	K281	K282K	R473	R473M	R473E	R473HE
R274C						✓								
R274N						✓		✓						
R276	✓		✓	✓										
R276B				✓										
R277	✓		✓	✓										
R278	✓		✓	✓										
R279	✓		✓	✓										
R279B		✓												
R279D	✓		✓	✓										
R291									✓	✓	✓	✓	✓	✓
R292									✓	✓	✓	✓	✓	✓
R292E									✓	✓	✓	✓	✓	✓
R295					✓		✓	✓						
R296					✓		✓	✓						
R297 threaded							✓	✓						
R297 flanged							✓	✓						
R298									✓	✓				
R298N									✓	✓				

Dirt and hydraulic separators

R145XC

PRODUCT CODE	SIZE	⬚	⊞
R145XC004	G 3/4"M	1	10

Extremely compact magnetic filter-dirt separator, equipped with a two-inlet connection fitting.
For installation under a wall-mounted boiler and in any straight section of piping (horizontal, vertical or inclined).
Including G 3/4"F tail piece fitting to connect the filter directly to the boiler.
Complete with female threaded cap with self-sealing for the unused inlet.
Including shut-off ball valve and check valve to isolate the device in case of maintenance.

P145XC

Spare part components for R145XC compact magnetic filter-dirt separator.
P145XCY001:
magnetic kit for 3/4" filter-dirt separator.
P145XCY002:
filter mesh for 3/4" filter-dirt separator.

⊙ VIDEO R145XC

SPARE PART COMPONENTS

PRODUCT CODE	SIZE	⬚	⊞
P145XCY001	3/8" /Length 63 mm	1	20
P145XCY002	3/4"	1	20
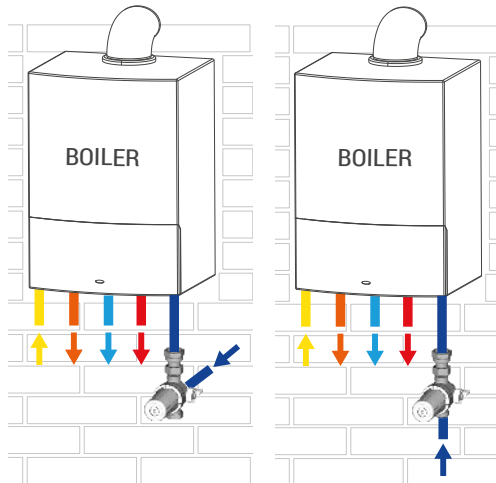
R146C

PRODUCT CODE	SIZE	⬚	⊞
R146CX004	G 3/4"M	1	10
R146CX005	G 1"M	1	10
R146CX006	G 1-1/4"F	1	4

ⓘ **INFO**

Optional accessories for R146CX004 (already included in R146CKX004 kit)
- R254PY034: shut-off ball valve with flat seat nut, G 3/4"F x G 3/4"M
- R176PY018: adjustable tail piece with flat seat nut, G 3/4"F x G 3/4"F
- R176PY008: tail piece with flat seat nut, G 3/4"F x G 3/4"F
Optional accessories for R146CX005
- P15FY005: pair of two tail pieces with flat seat nut, G 1"F x Rp 1"

R146CX004-005   R146CX006

Adjustable magnetic dirt separator.
Equipped with adjustable inlet/outlet fitting, adjustable drain cock, filter, magnet with brass housing and cap (only for 3/4" and 1" versions).

R254PY034   R176PY018   R176PY008

OPTIONAL ACCESSORIES FOR R146CX004

PRODUCT CODE	SIZE	⬚	⊞
R254PY034	G 3/4"F x G 3/4"M	5	50
R176PY018	G 3/4"F x G 3/4"F	5	30
R176PY008	G 3/4"F x G 3/4"F	5	30

P15FY005

OPTIONAL ACCESSORIES FOR R146CX005

PRODUCT CODE	SIZE	⬚	⊞
P15FY005	G 1"F x Rp 1"	5	50

⊙ VIDEO R146C

R146CK

PRODUCT CODE	SIZE	▢	⊞
R146CKX004	G 3/4"M x G 3/4"F	1	10
R146CKX006	G 1-1/4"F x G 1-1/4"F	1	4
R146CKX007	G 1-1/2"F x G 1-1/2"F	1	4
R146CKX016	G 1-1/4"F x G 1-1/4"F	1	-
R146CKX017	G 1-1/2"F x G 1-1/2"F	1	-
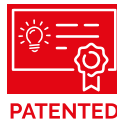
PATENTED

Kit composed by an adjustable magnetic dirt separator with accessories.

R146CKX004

R146CKX006 - R146CKX007

R146CKX016 - R146CKX017

Adjustable connection

Triple filtration action

Extra-strong magnet

**R146CKX004,
KIT COMPOSED OF:**

- 3/4" magnetic dirt separator
- 3-way adjustable fitting
- Cap for inlet/outlet fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Shut-off ball valve with flat
seat nut, G 3/4"F x G 3/4"M
- Adjustable tail piece with flat
seat nut, G 3/4"F x G 3/4"F

**R146CKX006,
KIT COMPOSED OF:**

- 1" magnetic dirt separator
- 2-way adjustable fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Nr.2 fittings
G 1-1/4"M f.s. x G 1-1/4"F

**R146CKX007,
KIT COMPOSED OF:**

- 1" magnetic dirt separator
- 2-way adjustable fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Nr.2 fittings
G 1-1/2"M f.s. x G 1-1/2"F

**R146CKX016,
KIT COMPOSED OF:**

- 1" magnetic dirt separator
- 2-way adjustable fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Nr.2 shut-off ball valves
with extended T-handle
and red plate,
G 1-1/4"M x G 1-1/4"F

**R146CKX017,
KIT COMPOSED OF:**

- 1" magnetic dirt separator
- 2-way adjustable fitting
- Adjustable drain cock,
G 1/2"M x G 3/4"F
- Magnet with brass housing
- Nr.2 shut-off ball valves
with extended T-handle
and red plate,
G 1-1/2"M x G 1-1/2"F

R146M

THREADED CONNECTIONS

PRODUCT CODE	SIZE	▢	⊞
R146MY014	G 3/4"F	1	5
R146MY015	G 1"F	1	5
R146MY016	G 1-1/4"F	1	5
R146MY017	G 1-1/2"F	1	5
R146MY018	G 2"F	1	5

FLANGED CONNECTIONS

PRODUCT CODE	SIZE	▢	⊞
R146MY105	DN50	1	-
R146MY106	DN65	1	-
R146MY108	DN80	1	-
R146MY110	DN100	1	-
R146MY112	DN125	1	-
R146MY115	DN150	1	-

Dirt separator with female threaded
connections (insulation optional)
or flanged connections (with insulation).
Equipped with magnet holder housing,
P146M magnetic kit, drain cock and
a metallic mesh to separate the impurities.
Use with water or glycol solutions
(max. 30% for threaded versions,
max. 50% for flanged versions).

ⓘ **INFO**

THREADED VERSION
- Magnet housing
1/2"M connection
- Female threaded
connections UNI ISO 228
FLANGED VERSION
- Magnet housing
1/2"M connection
- Flange
UNI EN 1092-1 PN16
- Insulation: thickness 20
mm, density 30 kg/m³,
thermal conductibility
0,038 W/m K,
fire reaction class B2)

R146D

THREADED CONNECTIONS

PRODUCT CODE	SIZE	▢	⊞
R146DY004	G 3/4"F	1	6
R146DY005	G 1"F	1	6
R146DY014	G 3/4"F	1	5
R146DY015	G 1"F	1	5
R146DY016	G 1-1/4"F	1	6
R146DY017	G 1-1/2"F	1	6
R146DY018	G 2"F	1	6

FLANGED CONNECTIONS

PRODUCT CODE	SIZE	▢	⊞
R146DY105	DN50	1	-
R146DY106	DN65	1	-
R146DY108	DN80	1	-
R146DY110	DN100	1	-
R146DY112	DN125	1	-
R146DY115	DN150	1	-

Dirt separator with female threaded connections
(insulation optional) or flanged connections
(with insulation).
Equipped with drain cock, cap with gasket
and a metallic mesh to separate the impurities.
Upper cap connection: G 1/2"F Use with water
or glycol solutions (max. 30% for threaded
versions, max. 50% for flanged versions).
It can be use also as a deaerator unit by
installing the R99Sair vent valve instead
of the upper plug.

ⓘ **INFO**

THREADED VERSION
- Female threaded
connections UNI ISO 228
FLANGED VERSION
- Flange UNI EN 1092-1
PN16
- Insulation: thickness 20
mm, density 30 kg/m³,
thermal conductibility
0,038 W/m K, fire
reaction class B2)

R146I

THREADED CONNECTIONS

PRODUCT CODE	SIZE	⬝	⊞
R146IY005	G 1"F	1	-
R146IY006	G 1-1/4"F	1	-
R146IY007	Rc 1-1/2"	1	-
R146IY008	Rc 2"	1	-

FLANGED CONNECTIONS

PRODUCT CODE	SIZE	⬝	⊞
R146IY105	DN50	1	-
R146IY106	DN65	1	-
R146IY108	DN80	1	-
R146IY110	DN100	1	-
R146IY112	DN125	1	-
R146IY115	DN150	1	-

Hydraulic separator with female threaded
or flanged connections,
ith insulation 20 mm thickness.
Equipped with automatic air vent valve
and drain cock with hose connection.
Use with water or glycol solutions
(max. 30% for threaded versions,
max. 50% for flanged versions).

ⓘ **INFO**

THREADED VERSION
- Insulation: density 40 kg/m³, thermal conductibility
0,023 W/m K, fire reaction class 1.
FLANGED VERSION
- Flange: UNI EN 1092-1 PN16
- Insulation: density 30 kg/m³, thermal conductibility
0,039 W/m K, fire reaction class B2.

R146IM

THREADED CONNECTIONS

PRODUCT CODE	SIZE	⬝	⊞
R146IM005	G 1"F	1	-
R146IM006	G 1-1/4"F	1	-
R146IM007	Rc 1-1/2"	1	-
R146IM008	Rc 2"	1	-

FLANGED CONNECTIONS

PRODUCT CODE	SIZE	⬝	⊞
R146IM105	DN50	1	-
R146IM106	DN65	1	-
R146IM108	DN80	1	-
R146IM110	DN100	1	-
R146IM112	DN125	1	-
R146IM115	DN150	1	-

Hydraulic separator with female threaded
or flanged connections, with insulation
20 mm thickness. Equipped with magnet
housing and P146M magnetic kit, automatic air
vent valve and drain cock with hose connection.
Use with water or glycol solutions
(max. 30% for threaded versions,
max. 50% for flanged versions).

ⓘ **INFO**

THREADED VERSION
- Insulation: density 40 kg/m³, thermal conductibility
0,023 W/m K, fire reaction class 1.
FLANGED VERSION
- Flange: UNI EN 1092-1 PN16
- Insulation: density 30 kg/m³, thermal conductibility
0,039 W/m K, fire reaction class B2.

P146C

FOR DIRT SEPARATORS WITH NEW RED MAGNET

PRODUCT CODE	SIZE	⬝	⊞
P146CY002	3/8" - Length 63 mm	1	-
P146CY012	3/8" - Length 80 mm	1	-

FOR DIRT SEPARATORS WITH OLD MAGNET

PRODUCT CODE	SIZE	⬝	⊞
P146CY003	3/8" - Length 63 mm + housing	1	-

Magnetic kit for R146C
and R146CK dirt separator.

ⓘ **INFO**

P146CY002: for 3/4" R146C dirt separator.
P146CY012: for 1", 1-1/4", 1-1/2" R146C dirt separator.
P146CY003: for 3/4" R146C dirt separator (brass housing
included).

P146CY002 - P146CY012

P146CY003

R176P-1

PRODUCT CODE	SIZE	⬝	⊞
R176PY018	3/4"F x 3/4"F	5	30

Adjustable fitting with nut.

R73D

PRODUCT CODE	SIZE	⬝	⊞
R73DY001	For R146C	10	40

Maintenance wrench for R146C dirt separator.

R701

PRODUCT CODE	SIZE	⬝	⊞
R701X013	G 1/2"M x G 3/4"M	10	100

Drain cock for R146C and R146CK dirt separator.

R734TH

PRODUCT CODE	SIZE	⬝	⊞
R734TX006	G 1-1/4"F x G 1-1/4"M	1	10
R734TX007	G 1-1/2"F x G 1-1/2"M	1	10

Ball valve, with female-male threaded
connections, for pipes
with high insulation thickness.
Nickel plated brass finishing.
Full port. Extended T-handle
with red plate (water use).

R734TW

PRODUCT CODE	SIZE	⬝	⊞
R734TWY006	For R734T 1-1/4"	1	6
R734TWY007	For R734T 1-1/2"	1	6

Expanded polypropylene (EPP)
insulation for R734TH ball valves.

R191

PRODUCT CODE	SIZE	⬜	⊞
R191X006	G 1-1/4"M f.s. x G 1-1/4"F	6	90
R191X007	G 1-1/2"M f.s. x G 1-1/2"F	5	72

Nickel-plated brass fitting with flat-seat.
Spare part for R146CK.

P146M

PRODUCT CODE	SIZE	⬜	⊞
P146MY002	1/2" - Lenght 90 mm	1	-
P146MY003	1/2" - Lenght 110 mm	1	-
P146MY103	1/2" - Lenght 245 mm	1	-
P146MY104	1/2" - Lenght 375 mm	1	-
P146MY105	1/2" - Lenght 395 mm	1	-

Kit composed of magnet holder housing with
gaskets for installation on dirt separator and/or
hydraulic separators.

ⓘ**INFO**

FOR DIRT SEPARATORS
P146MY003: for all threaded dirt separators.
P146MY103: for flanged dirt separators DN50, DN65, DN80.
P146MY104: for flanged dirt separators DN100, DN125.
P146MY105: for flanged dirt separators DN150.
FOR HYDRAULIC SEPARATORS
P146MY002: for threaded hydraulic separators 1", 1-1/4".
P146MY003: for threaded hydraulic separators 1-1/2", 2".

R146W

PRODUCT CODE	SIZE	⬜	⊞
R146WY001	For R146D/M 3/4" - 1"	1	5
R146WY002	For R146D/M 1-1/4", 1-1/2"	1	5
R146WY003	For R146D/M 2"	1	5
R146WY504	For R146C 3/4"	1	-
R146WY015	For R146C 1"	1	4
R146WY006	For R146CKX016	1	2
R146WY007	For R146CKX017	1	2
R146WY010	For R146CKX006-07-16-17	1	3

Insulation for R146D, R146M and R146C
threaded dirt separators.

ⓘ**INFO**

Materials: Cross-linked expanded polyethylene for R146D, R146M.
Expanded polypropylene for R146C, R146CK.
R146WY006, R146WY007:
insulation of dirt separator body + adjustable fitting + ball valves.
R146WY010: insulation of dirt separator body + adjustable fitting.

R142DP

PRODUCT CODE	SIZE	⬜	⊞
R142DX003	1/2"F	1	12

Polyphosphate proportioner with integrated
automatic by-pass.
Temperature range: 5÷30 °C.
Max. working pressure: 7 bar.
Max. flow rate: 20 l/min.
Inlet/outlet adjustable brass fitting.

ⓘ**INFO**

Polyphosphate proportioner R142DP provides a strong anti-limestone action for
water hardness up to approx. 25/30°f.
For higher values we recommend combining a water softener to the proportioner.

P142

PRODUCT CODE	SIZE	⬜	⊞
P142X003	For R142DP 1/2"	1	12

Kit of 5 replacement cartridges for R142DP.

R143N

PRODUCT CODE	SIZE	⬜	⊞
R143NX004	3/4"F x 3/4"M w/hose connect.Ø20	1	12

Acid condensate neutralizer for condensation
boilers; including first recharge, straight and 90°
curve hose connections (3/4"x Ø20 mm)
for various installation needs, two support
brackets with screw anchors
and boiler anti-block system.
Ambient temperature range:1÷50 °C.
Max. flow rate: 3 l/h.

P143

PRODUCT CODE	SIZE	⬜	⊞
P143X004	For R143N 3/4"	1	24

Recharge kit for condensate neutralization
R143N.

K375

PRODUCT CODE	SIZE	⬜	⊞
K375Y021	1 l	1	9

PROTECT-UNIVERSAL is a special and fully-
organic rust and scale inhibitor, suitable for high
and low temperature systems, radiant panels
and combined hot/cold circuits. It prevents
precipitation of calcium carbonate and is an
excellent dispersing agent with low-solubility
salts such as sulphates, calcium oxalates and
magnesium hydroxide.

K380

PRODUCT CODE	SIZE	⬜	⊞
K380Y001	1 l	1	9

CLEAN is a neutral, quick and effective cleaning
product for heating systems. It can also be
used to flush radiant panel systems. Used in
new systems, it removes machining debris, oil,
grease, corrosive substances or commissioning
deposits of different types.

K381

PRODUCT CODE	SIZE	⬚	⊞
K381Y001	1 l	1	18

REMOVE-RAPID Non-acid concentrated product for removal of scales, dirt and oxides in heating systems. Removes iron debris and scales from heat exchangers, radiators and pipes. Also suitable for flushing radiant panel systems. Effective as dispersant and complexing agent and, thanks to its neutral formula (suitable also in presence of aluminum components), it does not require neutralization. Contains rust inhibitors.

K382

PRODUCT CODE	SIZE	⬚	⊞
K382Y001	1 l	1	9

2IN1 Special non-acid descaling, sludge removal, cleaning, anti-corrosion and sanitizing fluid. Suitable for high and low temperature circuits, radiant panels and combined hot/cold circuits. Pour the product in the system to be cleansed and protected, then allow to act. No need to drain the system like traditional sludge removal product. Use with a dirt separator. This is a double-action product: sludge removal, dispersing and sanitizing action; PROTECTS: rust and limestone inhibitor.

❯ Safety devices

R140

PRODUCT CODE	SIZE	⬚	⊞
R140Y001	1/2" - 1,5 bar	1	50
R140Y002	1/2" - 2,5 bar	1	50
R140Y003	1/2" - 3 bar	1	50
R140Y005	1/2" - 3,5 bar	1	50
R140Y006	1/2" - 4 bar	1	50
R140Y007	1/2" - 4,5 bar	1	50
R140Y008	1/2" - 5 bar	1	50
R140Y009	1/2" - 6 bar	1	50
R140Y010	1/2" - 7 bar	1	50
R140Y011	1/2" - 8 bar	1	50
R140Y013	1/2" - 10 bar	1	50
R140Y021	3/4" - 1,5 bar	1	25
R140Y020	3/4" - 2 bar	1	25
R140Y022	3/4" - 2,5 bar	1	25
R140Y023	3/4" - 3 bar	1	25
R140Y025	3/4" - 3,5 bar	1	25
R140Y026	3/4" - 4 bar	1	25
R140Y028	3/4" - 5 bar	1	25
R140Y029	3/4" - 6 bar	1	25
R140Y031	3/4" - 8 bar	1	25
R140Y032	3/4" - 10 bar	1	25
R140Y040	1" - 2 bar	1	20
R140Y042	1" - 2,5 bar	1	20
R140Y043	1" - 3 bar	1	20
R140Y045	1" - 3,5 bar	1	20
R140Y046	1" - 4 bar	1	20
R140Y048	1" - 5 bar	1	20
R140Y049	1" - 6 bar	1	20
R140Y051	1" - 8 bar	1	20
R140Y052	1" - 10 bar	1	20
R140Y062	1 1/4" - 2,5 bar	1	10
R140Y063	1 1/4" - 3 bar	1	10
R140Y065	1 1/4" - 3,5 bar	1	10
R140Y066	1 1/4" - 4 bar	1	10
R140Y067	1 1/4" - 4,5 bar	1	10
R140Y068	1 1/4" - 5 bar	1	10
R140Y069	1 1/4" - 6 bar	1	10

Membrane safety valve, female-female connections. Use with cold/hot water, air.
Temperature range: 5÷110 °C.
Nominal pressure: 10 bar.

R140M

PRODUCT CODE	SIZE	⬚	⊞
R140MY003	1/2" - 3 bar	1	25
R140MY009	1/2" - 6 bar	1	25

Membrane safety valve, male-female connections.
Use with hot/cold water, air.
Temperature range: 5÷110 °C.
Nominal pressure: 10 bar.

R140PT

PRODUCT CODE	SIZE	⬚	⊞
R140PY021	1/2" x Ø15 mm (4 bar)	1	-
R140PY026	1/2" x Ø15 mm (7 bar)	1	-
R140PY031	3/4" x Ø22 mm (4 bar)	1	-
R140PY036	3/4" x Ø22 mm (7 bar)	1	-

Combined temperature and pressure safety valve, male connections.
Use with hot/cold water.
Calibration settings:
- Temperature: 90°C
- Pressure: 4 and 7 bar (depending on versions)
Nominal pressure: 10 bar.

R140C

PRODUCT CODE	SIZE	⬚	⊞
R140CY006	1/2" x 3/4" - 4 bar	1	30
R140CY009	1/2" x 3/4" - 6 bar	1	30

Membrane safety valve for solar thermal systems, female-female connections.
Use with hot water or glycol solutions (max. 50%).
Temperature range: 5÷160 °C.
Nominal pressure: 10 bar.

R140C-1

PRODUCT CODE	SIZE	⬚	⊞
R140CY010	1/2" x 3/4" - 7 bar	1	30
R140CY011	1/2" x 3/4" - 8 bar	1	30

Membrane safety valve for domestic water systems, female-female connections.
Use with hot/cold water, air.
Temperature range: 5÷110°C.
Nominal pressure: 10 bar.

R554E

PRODUCT CODE	SIZE	⬚	⊞
R554EY001	1"	1	10

Safety unit for closed heating system.
It consists of: R551E brass bar, R88I automatic air vent with shut off valve, R140R relief valve, R225 pressure gauge 0÷4 bar, R608D filling valve.

R554F

PRODUCT CODE	SIZE	⬚	⊞
R554FY001	1"	1	10

Safety unit for closed heating system.
It consists of: R551E brass bar, R88I automatic air vent with shut off valve, R140R relief valve, R225 pressure gauge 0÷4 bar.

R554P

PRODUCT CODE	SIZE	⬚	⊞
R554PY005	1"	1	10

Safety valve unit with provision for pressure switch, for sealed heating system, furnace power up to 35 KW.
It consists of: R551E brass body, R88I automatic air vent with shut off valve, R140R pressure relief valve 3 bar, R225 pressure gauge 0÷4 bar, 1/4" connection for switch.

R141

PRODUCT CODE	SIZE	⬚	⊞
R141Y003	1/2" x 1/2"	4	40
R141Y014	3/4" x 3/4"	5	50
R141Y015	1" x 1"	5	50
R141Y016	1 1/4" x 1 1/4"	2	20
R141Y017	1 1/2" x 1 1/2"	2	20

Brass relief funnel.

R141C

PRODUCT CODE	SIZE	⬚	⊞
R141CY004	3/4" x 3/4"	1	20
R141CY005	1" x 1"	1	20
R141CY006	1 1/4" x 1 1/4"	1	10

90° elbow brass relief funnel.

K373I

PRODUCT CODE	SIZE	⬚	⊞
K373Y013	-	1	-
K373Y021	1/2"M	1	-
K373Y022	1/2"M	1	-
K373Y023	1/2"M	1	-

K373Y013

K373Y021

K373Y022

K373Y023

Safety thermostat INAIL approved.
K373Y013: contact setting thermostat.
Temperature setting: 20÷90 °C.
K373Y021: immersion setting thermostat.
Temperature setting: 0÷90 °C.
Max. working pressure: 10 bar.
Bulb length: 97 mm.
Housing (included): 1/2"NPT-M; length100 mm.
K373Y022: immersion safety and setting bi-thermostat, with manual reset.
Temperature setting: 0÷90 °C.
Safety limitation: factory set 100 °C.
Max. working pressure: 10 bar.
Bulb length: 97 mm.
Housing (included): 1/2"NPT-M; length 100 mm.
K373Y023: immersion safety thermostat, with manual reset.
Safety limitation: factory set 100 °C.
Max. working pressure: 10 bar.
Bulb length: 97 mm.
Housing (included): G 1/2"M; length 100 mm.

K374

PRODUCT CODE	SIZE	⬚	⊞
K374Y001	1/4" - Pmax 5 bar - Tmax 110 °C	1	-
K374Y002	1/4" - Pmax 5 bar - Tmax 110 °C	1	-
K374Y003	1/4" - Pmax 5 bar - Tmax 55 °C	1	-
K374Y004	1/4" - Pmax 5 bar - Tmax 55 °C	1	-

K374Y001 - K374Y002

K374Y003 - K374Y004

Pressure switch.
K374Y001: safety pressure switch with manual reset.
Setting range: 2-4,5 bar.
Pressure of intervention: 3 bar (factory set).
K374Y002: minimal pressure switch with manual reset.
Setting range: 0,5-1,7 bar.
Pressure of intervention: 0,9 bar (factory set).
K374Y003: setting pressure switch for autoclaves.
Setting range: 1-5 bar.
Pressure of intervention: 1,4-2,8 bar (factory set).
K374Y004: setting pressure switch for autoclaves.
Setting range: 3-12 bar.
Pressure of intervention: 5-7 bar (factory set).

K500

PRODUCT CODE	SIZE	⬚	⊞
K500Y002	G 1"M	1	15

Flow switch for pipes from DN25 to DN200.
Protection degree: IP65
Max. working pressure: 10 bar
Max. working temperature: 110 °C.

R227

PRODUCT CODE	SIZE	⬚	⊞
R227Y001	G 1/2"M /Ø 15 x 45 mm	1	25
R227Y010	G 1/2"M /Ø 15 x 100 mm	1	15

Brass housing for thermometer.
Housing length 45 or 100 mm.

R228I

PRODUCT CODE	SIZE	⬚	⊞
R228IY001	G 1/4"F x G 1/4"M	1	5
R228IY002	G 3/8"F x G 3/8"M	1	5
R228IY003	G 1/2"F x G 1/2"M	1	5

3-way pressure gauge holder cock.

R228A

PRODUCT CODE	SIZE	⬚	⊞
R228AY001	G 1/4"M x G 1/4"F	1	-
R228AY002	G 3/8"M x G 3/8"F	1	-
R228AY003	G 1/2"M x G 1/2"F	1	-

Damper coil for protecting the pressure gauge
against high pressure values.
To be used together with the R225I pressure
gauge and the R228I pressure gauge holder
cock.

R225I

REAR CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R225IY004	G 1/4"M /0÷6 bar	1	-
R225IY007	G 1/4"M /0÷10 bar	1	-

RADIAL CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R225IY005	G 1/4"M /0÷6 bar	1	-
R225IY006	G 1/4"M /0÷10 bar	1	-
R225IY009	G 3/8"M /0÷4 bar	1	-
R225IY010	G 3/8"M /0÷6 bar	1	-
R225IY011	G 3/8"M /0÷10 bar	1	-

Pressure gauge with graduate scale.

R540I

REAR CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R540IY001	G 1/2"M /50 mm /0÷120 °C	1	-
R540IY002	G 1/2"M /100 mm /0÷120 °C	1	-

RADIAL CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R540IY003	G 1/2"M /50 mm /0÷120 °C	1	-

Bimetallic immersion thermometer for
measuring the water temperature.
Graduated scale 0÷120 °C.
Housing length 50 or 100 mm.

R540

PRODUCT CODE	SIZE	⬚	⊞
R540Y002	G 3/8"M /0÷80 °C	1	-
R540Y003	G 1/2"M /0÷120 °C	1	-
R540Y021	G 3/8"M /0÷120 °C	1	-
R540Y015	3/8" with clip /0÷120 °C	1	240
R540Y016	3/8" with clip /0÷120 °C-°F	1	-

Thermometer with brass housing
and graduate scale, rear connection.

R226

PRODUCT CODE	SIZE	⬚	⊞
R226Y001	G 1/2"M /0÷4 bar /0÷120 °C	1	50
R226Y002	G 1/2"M /0÷6 bar /0÷120 °C	1	50

Thermometer/pressure gauge.

R150M

PRODUCT CODE	SIZE	⬚	⊞
R150MY003	G 1/2"M x G 1/2"F /with pres. gau	1	10
R150MY013	G 1/2"M x G 1/2"F /no press. gau.	1	10

Automatic filling unit for installation
on water adduction pipes of closed-circuit
heating/cooling systems.
Possibility to preset the system fluid pressure.
Removable cartridge and filter
for easy cleaning and maintenance.
Anti-limestone function and compensated
housing pressure adjustment.
Pressure gauge connection: G 1/4"F.

R150B

PRODUCT CODE	SIZE	⬚	⊞
R150BY103	G 1/2"M x G 1/2"F	1	25

Female x male filling valve,
plastic coated tail piece.

R150

PRODUCT CODE	SIZE	⬚	⊞
R150Y103	G 1/2"F	1	25

Female x female filling valve.

⟩ Water controls

R153M

PRODUCT CODE	SIZE	⊡	⊞
R153MY003	G 1/2"F	1	25
R153MY004	G 3/4"F	1	10
R153MY005	G 1"F	1	10
R153MY006	G 1-1/4"F	1	2
R153MY007	G 1-1/2"F	1	2
R153MY008	G 2"F	1	-

Diaphragm pressure reducer. Pressure gauge connection: Rp 1/4".DZR brass body.
Fluids: water, glycol solutions (max. 50%) and compressed air only for 1/2", 3/4", 1", 1-1/4", 1-1/2".
Temperature range: 0÷80 °C (no freezing).
Max. working pressure (PN): 25 bar.
Outlet pressure setting range: 1,5÷7 bar.

R153MK

PRODUCT CODE	SIZE	⊡	⊞
R153MY103	G 1/2"M	1	10
R153MY104	G 3/4"M	1	10
R153MY105	G 1"M	1	6

Diaphragm pressure reducer. Equipped with pressure gauge, G 1/4"M connection, Ø52 mm, scale 0÷10 bar. DZR brass body.
Fluids: water, glycol solutions (max. 50%) and compressed air.
Temperature range: 0÷80 °C (no freezing).
Max. working pressure (PN): 25 bar.
Outlet pressure setting range: 1,5÷7 bar.

R153P

PRODUCT CODE	SIZE	⊡	⊞
R153PX003	G 1/2"F	1	20
R153PX004	G 3/4"F	1	25
R153PX005	G 1"F	1	10
R153PX006	G 1-1/4"F	1	10
R153PX007	G 1-1/2"F	1	10
R153PX008	G 2"F	1	10

Piston pressure reducer. Pressure gauge connection: Rp 1/4". Nickel plated brass body.
Fluids: water, glycol solutions (max. 50%) and compressed air only for 1/2", 3/4", 1", 1-1/4", 1-1/2".
Temperature range: 0÷130 °C (no freezing).
Max. working pressure (PN): 25bar.
Outlet pressure setting range: 1÷5,5 bar.

R156

PRODUCT CODE	SIZE	⊡	⊞
R156X004	3/4" - Kv 2,0	1	25
R156X005	1" - Kv 2,2	1	25

Thermostatic mixer for use in domestic water systems, chrome plated brass, female-female connections.
Temperature range: 38÷60 °C.

ⓘ **INFO**

Accessories
- R225Y002: pressure gauge with rear connection G 1/4"M, Ø 52 mm, scale 0÷10 bar.

R153C

PRODUCT CODE	SIZE	⊡	⊞
R153CX003	G 1/2"F	1	50
R153CX004	G 3/4"F	1	50

Piston pressure reducer. Pressure gauge connection: Rp 1/4". Nickel plated brass body.
Fluids: water, glycol solutions (max. 50%) and compressed air.
Temperature range: 0÷130 °C (no freezing).
Max. working pressure (PN): 16 bar.
Outlet pressure setting range: 1÷5,5 bar.

ⓘ **INFO**

Accessories
- R225Y012: pressure gauge with radial connection G 1/4"M, Ø 52 mm, scale 0÷10 bar.

R156-1

PRODUCT CODE	SIZE	⊡	⊞
R156X024	3/4" - Kv 1,8	1	10
R156X025	1" - Kv 2,0	1	10

Thermostatic mixer for use in domestic water systems, chrome plated brass, tail pieces male connections. Temperature range: 38÷60 °C.

R156-2

PRODUCT CODE	SIZE	⊡	⊞
R156Y223	1/2" - Kv 1,3	1	10
R156Y224	3/4" - Kv 1,4	1	10
R156Y225	1" - Kv 5,0	1	10
R156Y226	1 1/4" - Kv 5,8	1	8
R156Y227	1 1/2" - kv 11,0	1	5
R156Y228	2" - Kv 12,0	1	5

Thermostatic mixer for use in domestic water systems, brass finish, tail pieces male connections. With anti-scalding function. Temperature range: 30÷65 °C.

R158A

PRODUCT CODE	SIZE	⊡	⊞
R158AY004	3/4"	1	-

Temperature limiter for heating and/or hot domestic water systems. Automatically controls the temperature of the water flowing through the valve and ensures thermal balance throughout the hydraulic system. Adjustment range: 35÷65 °C.

R225

PRODUCT CODE	SIZE	⊡	⊞
R225Y001	G 1/4"M /0÷6 bar /Rear	1	100
R225Y002	G 1/4"M /0÷10 bar /Rear	1	100
R225Y012	G 1/4"M /0÷10 bar /Radial	1	100
R225Y014	G 1/4"M /0÷4 bar /Radial	1	100

Pressure gauge, 1/4" connection.
Accuracy class according with EN 837-1: 1,6.

ⓘ **INFO**

R225Y001, R225Y002: back connection
R225Y003: radial connection

❯ Components for biomass systems

R157A

1" CONNECTIONS

PRODUCT CODE	SIZE	⬦	⊞
R157AY051	1" (45 °C)	1	-
R157AY052	1" (55 °C)	1	-
R157AY053	1" (60 °C)	1	-
R157AY054	1" (70 °C)	1	-

1 1/4" CONNECTIONS

PRODUCT CODE	SIZE	⬦	⊞
R157AY061	1 1/4" (45 °C)	1	-
R157AY062	1 1/4" (55 °C)	1	-
R157AY063	1 1/4" (60 °C)	1	-
R157AY064	1 1/4" (70 °C)	1	-

Anti-condensation valve for solid fuel boilers.
Temperature range: 5÷100 °C.
Max. working pressure: 10 bar.
Valves with 1" connections: Kv 3,2 - DN25
Valves with 1-1/4" connections: Kv 9 - DN32

R144ST

PRODUCT CODE	SIZE	⬦	⊞
R144SY001	3/4"	1	-

Thermal safety discharge valve, with dual safety
probe. Complete with remote probe
with housing and 1/2"M connection.
Capillary tube 1300 mm length.
Temperature range: 92÷112 °C.
Calibration temperature: 95 °C
Max. working pressure: 10 bar.

ⓘ **INFO**

WARNING: PRODUCT INSTALLATION IN ELECTRICAL
OR ELECTRONIC EQUIPMENT (EEE)
The product can be installed only if the EEE
- Electrical and/or Electronic Equipment
- is excluded or not falling within the scope
of Directive 2011/65/EU according to the provisions
at point e) of par. 4 of art. 2 of the Directive itself,
as a product intended for large fixed installations.

R140PT

PRODUCT CODE	SIZE	⬦	⊞
R140PY021	1/2" x Ø15 mm (4 bar)	1	-
R140PY026	1/2" x Ø15 mm (7 bar)	1	-
R140PY031	3/4" x Ø22 mm (4 bar)	1	-

Combined temperature
and pressure safety valve,
male connections.
Use with hot/cold water.
Calibration settings:
- Temperature: 90°C
- Pressure: 4 and 7 bar (
depending on versions)
Nominal pressure: 10 bar.

R140PT-1

PRODUCT CODE	SIZE	⬦	⊞
R140PX028	1/2" x Ø 15 mm (10 bar)	1	-
R140PX038	3/4" x Ø 22 mm (10 bar)	1	-

Combined temperature
and pressure safety valve,
male connections.
Use with hot/cold water
for solar thermal systems.
Calibration temperature: 100°C.
Calibration pressure: 10 bar.
Nominal pressure: 10 bar.

R158

PRODUCT CODE	SIZE	⬦	⊞
R158Y001	3/4"	1	-

Draught regulator for supply water temperature
control in solid fuel boilers.

❯ Backflows, filters, check valves

R623

PRODUCT CODE	SIZE	⬦	⊞
R623Y004	3/4"	1	25
R623Y005	1"	1	25

Dual-check backflow preventer. E
D type (in accordance with UNI EN 1717).

R624

PRODUCT CODE	SIZE	⬦	⊞
R624Y003	1/2" - drain 1/2"F	1	20
R624Y004	3/4" - drain 1/2"F	1	25

Dual-check backflow preventer
with non-controlled reduced pressure zone.
CA type.
Protection against fluids of categories
1, 2, 3 (in accordance with UNI EN 1717).

R626

THREADED CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R626Y003	1/2"	1	-
R626Y004	3/4"	1	-
R626Y005	1"	1	-
R626Y006	1 1/4"	1	-
R626Y007	1 1/2"	1	-
R626Y008	2"	1	-

FLANGED CONNECTION

PRODUCT CODE	SIZE	⬚	⊞
R626Y106	DN65	1	-
R626Y108	DN80	1	-
R626Y110	DN100	1	-
R626Y115	DN150	1	-

Dual-check backflow preventer with controlled reduced pressure zone. BA type.
Protection against fluids of categories
1, 2, 3, 4 (in accordance with UNI EN 1717).

R74A

NOT MAGNETIZABLE VERSION

PRODUCT CODE	SIZE	⬚	⊞
R74AY009	2 1/2"	1	9
R74AY010	3"	1	6
R74AY011	4"	1	2

MAGNETIZABLE VERSION

PRODUCT CODE	SIZE	⬚	⊞
R74AY103	1/2"	1	10
R74AY104	3/4"	1	5
R74AY105	1"	1	5
R74AY106	1 1/4"	1	4
R74AY107	1 1/2"	1	4
R74AY108	2"	1	2

Y filter, brass finishing.
Max. working temperature: 110 °C
(90 °C if the P74M magnetic kit is installed).
Max. working pressure for not magnetizable versions: 16 bar.
Max. working pressure for magnetizable versions: 30 bar.

R701F

UNI EN 12165 CW617N BRASS

PRODUCT CODE	SIZE	⬚	⊞
R701FY023	G 1/2"F	1	25
R701FY024	G 3/4"F	1	25
R701FY025	G 1"F	1	14

UNI EN 12165 CW602N BRASS "DZR"

PRODUCT CODE	SIZE	⬚	⊞
R701FY112	Rc 3/8"	1	25
R701FY113	Rc 1/2"	1	25
R701FY114	Rc 3/4"	1	25
R701FY115	Rc 1"	1	14

Ball valve with built-in filter, female-female threaded connections. Brass finishing.
Full port. Red T-handle (water use).

ⓘ **INFO**

Possibility of installing the P74M magnetic kit inside the valve body, for even more efficient filtering.

P74M

PRODUCT CODE	SIZE	⬚	⊞
P74MY001	3/8", 1/2", 3/4" - Lenght 29 mm	1	-
P74MY002	1", 1-1/4" - Lenght 44 mm	1	-
P74MY003	1-1/2", 2" - Lenght 55 mm	1	-

Magnetic kit for R74A, R74M filters and R701F valves.

ⓘ **INFO**

P74MY001: for R74A and R74M filters of 1/2" and 3/4" and R701F of 3/8", 1/2", 3/4". P74MY002: for R74A and R74M filters of 1" and 1-1/4" and R701F of 1". P74MY003: for R74A and R74M filters of 1-1/2" and 2".

R74M

PRODUCT CODE	SIZE	⬚	⊞
R74MY003	1/2"	1	10
R74MY004	3/4"	1	5
R74MY005	1"	1	5
R74MY006	1 1/4"	1	4
R74MY007	1 1/2"	1	4
R74MY008	2"	1	2

Magnetic Y filter, brass finishing.
Max. working temperature: 90 °C.
Max. working pressure: 30 bar.

R60

PLATE IN POLYMERIC MATERIAL

PRODUCT CODE	SIZE	⬚	⊞
R60Y002	3/8"	30	120
R60Y003	1/2"	30	120
R60Y004	3/4"	18	72
R60Y005	1"	14	42
R60Y006	1 1/4"	12	24
R60Y007	1 1/2"	10	20
R60Y008	2"	6	12
R60Y009	2 1/2"	1	8
R60Y010	3"	1	6
R60Y011	4"	1	3

PLATE IN METALLIC MATERIAL

PRODUCT CODE	SIZE	⬚	⊞
R60Y032	3/8"	30	120
R60Y033	1/2"	30	120
R60Y034	3/4"	18	72
R60Y035	1"	14	42
R60Y036	1 1/4"	12	24
R60Y037	1 1/2"	10	20
R60Y038	2"	6	12
R60Y039	2 1/2"	1	8
R60Y040	3"	1	6
R60Y041	4"	1	3

Disc check valve, brass finish.
Temperature range:
5÷95 °C (110 °C for peaks).

N5

PRODUCT CODE	SIZE	⊡	⊞
N5Y003	1/2"	1	-
N5Y004	3/4"	1	-
N5Y005	1"	1	-
N5Y006	1 1/4"	1	-
N5Y007	1 1/2"	1	-
N5Y008	2"	1	-
N5Y009	2 1/2"	1	-
N5Y010	3"	1	-
N5Y011	4"	1	-

Clapper check valve, neoprene seat, brass finish.

N6

PRODUCT CODE	SIZE	⊡	⊞
N6Y003	1/2"	1	-
N6Y004	3/4"	1	-
N6Y005	1"	1	-
N6Y006	1 1/4"	1	-
N6Y007	1 1/2"	1	-
N6Y008	2"	1	-
N6Y009	2 1/2"	1	-
N6Y010	3"	1	-

Clapper check valve, metal seat, brass finish.

P36S

FOR R74A NOT MAGNETIZABLE

PRODUCT CODE	SIZE	⊡	⊞
P36SY003	1/2"	1	-
P36SY004	3/4"	1	-
P36SY005	1"	1	-
P36SY006	1 1/4"	1	-
P36SY007	1 1/2"	1	-
P36SY008	2"	1	-
P36SY009	2 1/2"	1	-
P36SY010	3"	1	-
P36SY011	4"	1	-

FOR R74A MAGNETIZABLE AND R74M

PRODUCT CODE	SIZE	⊡	⊞
P36SY103	1/2"	1	-
P36SY104	3/4"	1	-
P36SY105	1"	1	-
P36SY106	1 1/4"	1	-
P36SY107	1 1/2"	1	-
P36SY108	2"	1	-

Filter cartridge for R74A and R74M filters.

P36-1

PRODUCT CODE	SIZE	⊡	⊞
P36Y013	G 1/2"F	12	300
P36Y014	G 3/4"F	10	250
P36Y015	G 1"F	8	200

Filter cartridge for R701F valves.

◗ Gate valves

R55

PRODUCT CODE	SIZE	⊡	⊞
R55Y002	3/8"	10	50
R55Y003	1/2"	10	50
R55Y004	3/4"	5	50
R55Y005	1"	4	20
R55Y006	1 1/4"	5	30
R55Y007	1 1/2"	3	18
R55Y008	2"	1	10
R55Y009	2 1/2"	1	6
R55Y010	3"	1	3
R55Y012	4"	1	2

Gate valve with female-female connections.
Brass for 3/8"÷3" size.
Bronze for 4" size.

R54

PRODUCT CODE	SIZE	⊡	⊞
R54Y004	3/4"	5	50
R54Y005	1"	4	20
R54Y006	1 1/4"	5	30

Brass gate valve with female-male connections.

R230

PRODUCT CODE	SIZE	⊡	⊞
R230Y005	Ø22	5	50
R230Y006	Ø28	4	20

Brass gate valve with Sweat connections.

P22C

PRODUCT CODE	SIZE	⊡	⊞
P22CY001	3/8" - 1/2"	1	-
P22CY002	3/4" - 1"	1	-
P22CY003	1 1/4"	1	-
P22CY004	1 1/2"	1	-
P22CY005	2"	1	-
P22CY008	2 1/2" - 3"	1	-

Red handwheel for R54, R55, R230 gate valves.

⊙ Automatic air vent valves

R88

PRODUCT CODE	SIZE	⊓	⊞
R88Y001	1/4"	1	100
R88Y002	3/8"	1	100

Automatic air vent valve, brass finish.

R99I

PRODUCT CODE	SIZE	⊓	⊞
R99IY002	3/8"	1	1
R99IY003	1/2"	1	50

Automatic air vent valve, with shut-off valve, brass finish.

R88I

PRODUCT CODE	SIZE	⊓	⊞
R88IY002	3/8"	1	100
R88IY003	1/2"	1	100

Automatic air vent valve, with shut-off valve, brass finish.

R160

PRODUCT CODE	SIZE	⊓	⊞
R160Y001	1/4" x 3/8"	1	1.000
R160Y002	1/4" x 1/2"	1	500

Shut-off valve for automatic air vent valves.

R99

PRODUCT CODE	SIZE	⊓	⊞
R99Y001	1/4"	1	50
R99Y002	3/8"	1	50
R99Y003	1/2"	1	50

Automatic air vent valve, brass finish.

R99S

PRODUCT CODE	SIZE	⊓	⊞
R99SY003	1/2" - with shut-off valve	1	10
R99SY013	1/2" - without shut-off valve	1	-

Automatic air vent valve for solar thermal systems with shut-off valve included.

⊙ Accessories for pumps

P76W

PRODUCT CODE	SIZE	⊓	⊞
P76WIY015	G 1"M /7 mH2O /130 mm	1	-
P76WIY016	G 1-1/2"M /7 mH2O /130 mm	1	-
P76WIY017	G 1-1/2"M /7 mH2O /180 mm	1	-
P76WIY019	G 1-1/2"M /9 m.c.a. /180 mm	1	-
P76WIY020	G 2"M /7 m.c.a. /180 mm	1	-
P76WIY021	G 2"M /10 m.c.a. /180 mm	1	-
P76WIY022	DN40 /12 m.c.a. /250 mm	1	-

* To be completed with GE500Y303 Molex cable.

WILO electronic pump, ErP 2009/125/CE compliant.

ⓘ **INFO**

P76WIY015*: pump for R586P-1.
P76WIY016*: pump for P76WHPIY001.
P76WIY017*: pump for P76WHPIY002 and R557RY045.
P76WIY019*: high flow rate pump for R586R DN25.
P76WIY020*: pump for R586R DN32.
P76WIY021*: high flow rate pump for R586R DN32.
P76WIY022: pump for R586R DN40.

P76DA

PRODUCT CODE	SIZE	⊓	⊞
P76DAY001	G 1-1/2"M /7 mH2O /180 mm	1	-

DAB electronic pump, ErP 2009/125/CE compliant.

ⓘ **INFO**

P76DAY001: pump for R586R DN25.
To be completed with GE500Y303 Molex cable.

GE500-P

PRODUCT CODE	SIZE	⊓	⊞
GE500Y303	G 1-1/2"M /7 mH2O /180 mm	1	-

Molex cable to complete P76W and P76DA pumps.

R252

PRODUCT CODE	SIZE	⌷	⊞
R252Y001	1"F x 1 1/2"F nut	2	50
R252Y002	1 1/4"F x 2"F nut	2	20
R252Y003	Ø22 x 1 1/2"F nut	2	50
R252Y004	Ø28 x 1 1/2"F nut	2	50

Ball valve, with female-female threaded connections with nut and gasket or with compression-female threaded connections with nut and gasket, for the connection of pump or mixing valve. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

R252-1

PRODUCT CODE	SIZE	⌷	⊞
R252Y023	1/2"M x 1"F	4	40
R252Y025	18 x 1"F	4	40

Ball valves with nut and gaskets.

R37K

PRODUCT CODE	SIZE	⌷	⊞
R37KY003	G 1"F x G 1/2"F	1	30
R37KY004	G 3/4"F x G 1-1/4"F	1	25
R37KY005	G 1"F x G 1-1/2"F	1	25
R37KY006	G 1-1/4"F x G 2"F	1	10

Pair of flat-seat tail pieces with nuts and gaskets.

R39

PRODUCT CODE	SIZE	⌷	⊞
R39Y001	1 1/2" x 1"	2	50

Check valve.

R197

PRODUCT CODE	SIZE	⌷	⊞
R197Y001	130 mm	1	50
R197Y002	180 mm	1	36

Threaded male fitting spacer for pump.

R197M

PRODUCT CODE	SIZE	⌷	⊞
R197MY001	130 mm	1	10
R197MY002	180 mm	1	10

Unit consisting of:
threaded male fitting R197 size 1-1/2",
shut-off pump valve R252 1-1/2" x 1".

R182AM

PRODUCT CODE	SIZE	⌷	⊞
R182MY002	1 1/4"	1	10

Unit consisting of:
angle fitting R19D 1-1/4",
Tee fitting R182A 1-1/4" x 1" x 35.

R285L

PRODUCT CODE	SIZE	⌷	⊞
R285LY001	1"F x 1 1/2" nut connection	4	40
R285LY003	1 1/4"F x 2" nut connection	4	20

Ball valve, with female threaded connection-connection for nut, specific for pump connection. Brass finishing. Standard port. Red lever handle (water use).

ⓘ **INFO**

To be completed with P18LY007 (1 1/2")
or P18LY009 (2") nut.
Possibility to install the R288 check valve inside the valve.

R285

PRODUCT CODE	SIZE	⌷	⊞
R285Y001	1"F x 1 1/2" nut connection	4	40
R285Y002	1 1/4"F x 1 1/2" nut connection	4	20
R285Y003	1 1/4"F x 2" nut connection	4	20

Ball valve, with female threaded connection-connection for nut, specific for pump connection. Brass finishing. Standard port. Red T-handle (water use).

ⓘ **INFO**

To be completed with P18LY007 (1 1/2")
or P18LY009 (2") nut.
Possibility to install the R288 check valve inside the valve.

P18L

PRODUCT CODE	SIZE	⌷	⊞
P18LY007	1 1/2" for R252, R285, R285L	1	20
P18LY009	2" - for R252, R285, R285L	1	20

Brass nut, female thread.

R284

PRODUCT CODE	SIZE	⬚	⊞
R284Y001	3/4"	1	20

Differential valve with 3/4" female connections, complete with 18 mm copper pipe and compression fitting for connection to R287 valve.

R284M

PRODUCT CODE	SIZE	⬚	⊞
R284MY001	1" x 1 1/2"	1	10

Valve set for by-pass with differential valve and N.2 special ball valves and thermometers.

R287

PRODUCT CODE	SIZE	⬚	⊞
R287Y005	1"F x 1 1/2"F nut	4	20

Ball valve, with female-female nut threaded connections, specific for pump connection, with additional connections for thermometers or other optional components. Brass finishing. Standard port. Red T-handle (water use).

R287M

PRODUCT CODE	SIZE	⬚	⊞
R287MY005	1"F x 1 1/2"F nut	1	10

Couple of ball valves, with female-female nut connections, specific for pump connection, with thermometers (R540 series), check valves (R288), plugs (R92). Brass finishing. Standard port. Red and blue T-handles (water use).

◉ Oil system components

N1

PRODUCT CODE	SIZE	⬚	⊞
N1UY001	3/8"MM	1	20
N1Y001	3/8"FF	1	20

Oil filter with shut-off cock, check valve and bracket.
Equipped with nylon ferrules of 8 mm, 10 mm, 12 mm and brass nuts.

N1UB

PRODUCT CODE	SIZE	⬚	⊞
N1UBY001	3/8"MM	1	20

Oil filter with shut-off cock, recirculation, check valve and bracket. Nylon glass and inox filter. Equipped with nylon ferrules of8 mm, 10 mm, 12 mm and brass nuts.

ⓘ **INFO**

N1UBY002: brass ferrule.

N2

PRODUCT CODE	SIZE	⬚	⊞
N2Y001	3/8"FF	1	20

Oil filter with shut-off cock.
Nylon glass and inox filter.

N3

PRODUCT CODE	SIZE	⬚	⊞
N3Y001	3/8"FF	1	25

Oil filter.
Nylon glass and inox filter.

N10

PRODUCT CODE	SIZE	⬚	⊞
N10Y002	3/8"	1	200
N10Y003	1/2"	1	100

Check valve for tank.

N12

PRODUCT CODE	SIZE	⊟	⊞
N12Y005	1" x (8-10-12)	1	100

Double connection for oil tank. 45° connections.
With stuffing box for copper pipe.

N14

PRODUCT CODE	SIZE	⊟	⊞
N14Y001	2" x 2"	1	50

Tank plug with female connection.

N15

PRODUCT CODE	SIZE	⊟	⊞
N15Y005	1"	1	150
N15Y006	1 1/4"	1	100
N15Y007	1 1/2"	1	50
N15Y008	2"	1	50

Air vent valve for tank.

N16

PRODUCT CODE	SIZE	⊟	⊞
N16Y005	1" x (8-10-12)	1	20

Emergency valve complete with check valve.

N16-1

PRODUCT CODE	SIZE	⊟	⊞
N16KY001	2" x (8-10-12) x 1700 mm	1	10
N16KY002	2" x (8-10-12) x 2200 mm	1	10
N16KY003	2" x (8-10-12) x 3200 mm	1	10

Emergency valve complete with flexible suction
pipe and level gauge connection.
Equipped with nylon ferrules of 8 mm, 10 mm,
12 mm and brass nuts.

ⓘ **INFO**

WARNING: PRODUCT INSTALLATION IN ELECTRICAL OR ELECTRONIC EQUIPMENT
(EEE) The product can be installed only if the EEE - Electrical and/or Electronic
Equipment - is excluded or not falling within the scope of Directive 2011/65/EU
according to the provisions at point e) of par. 4 of art. 2 of the Directive itself, as a
product intended for large fixed installations.

N16-2

PRODUCT CODE	SIZE	⊟	⊞
N16GY001	1" x (8-10-12) x 1700 mm	1	10
N16GY002	1" x (8-10-12) x 2200 mm	1	10
N16GY003	1" x (8-10-12) x 3200 mm	1	10

Emergency valve complete with flexible suction
pipe. Equipped with nylon ferrules of 8 mm,
10 mm, 12 mm and brass nuts.

ⓘ **INFO**

WARNING: PRODUCT INSTALLATION IN ELECTRICAL OR ELECTRONIC EQUIPMENT
(EEE) The product can be installed only if the EEE - Electrical and/or Electronic
Equipment - is excluded or not falling within the scope of Directive 2011/65/EU
according to the provisions at point e) of par. 4 of art. 2 of the Directive itself, as a
product intended for large fixed installations.

N17

PRODUCT CODE	SIZE	⊟	⊞
N17Y002	3/8"	10	100
N17Y003	1/2"	10	100

Shut-off emergency valve.

P36

PRODUCT CODE	SIZE	⊟	⊞
P36Y001	-	1	-

Filter insert stainless for N1, N2, N3.

P78T

PRODUCT CODE	SIZE	⊟	⊞
P78TY001	N1	1	-
P78TY002	N2-N3	1	-

Transparent filter cup.

⟩ Solar thermal systems components

R586S-0

PRODUCT CODE	SIZE	⊟	⊞
R586SY002	3/4"	1	-

Single-way circulation unit for solar thermal systems, with safety group and mechanical flow meter. Pump ErP compliance.
To be coupled with KTD electronic unit.

R586S

PRODUCT CODE	SIZE	⊟	⊞
R586SY001	3/4"	1	-

2-way circulation unit for solar thermal systems, with safety group and mechanical flow meter. Pump ErP compliance.
To be coupled with KTD electronic unit.

P586S

PRODUCT CODE	SIZE	⊟	⊞
P586SY001	-	1	50
P586SY002	-	1	10
P586SY003	-	1	20
P586SY004	-	1	10
P586SY005	-	1	20
P586SY007	-	1	20
P586SY008	-	1	-

Spare parts for R586S-1 circulation units.

P586SY001: flow meter for R586S with 2÷12 l/min
P586SY002: flow meter unit plus probe for R586S.
P586SY003: valve body R586S 1/2" (3/4"F)
for system filling.
P586SY004: return valve for R586S 3/4".
P586SY005: supply valve for R586S 3/4".
P586SY006: safety fitting R586S 1/2"Mx3/4"M.
P586SY007: air separator for R586S 1-1/2"x1/2".
P586SY008: R252 1-1/2"xØ22 (for solar system).

KTD

PRODUCT CODE	SIZE	⊟	⊞
KTD3Y003	3 probes	1	-
KTD5Y006	6 probes	1	-

Electronic unit for the control of the differential temperatures in solar thermal systems.
Pt1000 temperature probes included.

KTDP

PRODUCT CODE	SIZE	⊟	⊞
KTDPY001	-	1	-

Protection device against overvoltage, for KTD electronic unit.

KTDS

PRODUCT CODE	SIZE	⊟	⊞
KTDSY001	-	1	-

Pt1000 (180 °C) probe, for KTD electronic unit.

GS556

PRODUCT CODE	SIZE	⊟	⊞
GS556Y001	-	1	-

Hot domestic water unit for solar thermal systems. 67 kW @ 70 °C.

R140C

PRODUCT CODE	SIZE	⊟	⊞
R140CY006	1/2" x 3/4" - 4 bar	1	30
R140CY009	1/2" x 3/4" - 6 bar	1	30

Membrane safety valve for solar thermal systems, female-female connections. Use with hot water or glycol solutions (max. 50%).
Temperature range: 5÷160 °C.
Nominal pressure: 10 bar.

R99S

PRODUCT CODE	SIZE	⊟	⊞
R99SY003	1/2" - with shut-off valve	1	10

Automatic air vent valve for solar thermal systems with shut-off valve included.

R227-1

PRODUCT CODE	SIZE	⊟	⊞
R227Y003	1/2" x 6 mm	25	250

Probe housing.

R20SC

PRODUCT CODE	SIZE	⊟	⊞
R20SCY004	3/4"	10	100

Straight fitting in three pieces, male-male threaded for connection to the manifolds.

R182

PRODUCT CODE	SIZE	⊟	⊞
R182Y006	3/4"F x 3/4"F x 3/4"M	5	50

Tee fitting, to install the R99S automatic air vent valve on solar panels.

310

PRODUCT CODE	SIZE	⬜	⊞
310Y004	15 x 15	20	200
310Y010	18 x 18	10	100
310Y006	22 x 22	10	100
310Y007	28 x 28	10	100

Straight fitting for copper pipe. With metallic seal. Suitable for solar thermal systems. In compliance with EN1254-2 standard.

311

PRODUCT CODE	SIZE	⬜	⊞
311Y001	1/2" x 15	25	250
311Y010	1/2" x 18	20	200
311Y011	3/4" x 18	20	200
311Y003	3/4" x 22	10	100
311Y005	1" x 28	10	100

Straight fitting male thread, for copper pipe. With metallic seal. Suitable for solar thermal systems. In compliance with EN1254-2 standard.

312

PRODUCT CODE	SIZE	⬜	⊞
312Y001	1/2" x 15	25	250
312Y010	1/2" x 18	20	200
312Y011	3/4" x 18	10	100
312Y003	3/4" x 22	10	100
312Y005	1" x 28	10	100

Straight fitting female thread, for copper pipe. With metallic seal. Suitable for solar thermal systems. In compliance with EN1254-2 standard.

315

PRODUCT CODE	SIZE	⬜	⊞
315Y001	15 x 15	25	250
315Y010	18 x 18	10	100
315Y003	22 x 22	10	100
315Y004	28 x 28	5	50

Elbow fitting, for copper pipe. With metallic seal. Suitable for solar thermal systems. In compliance with EN1254-2 standard.

316

PRODUCT CODE	SIZE	⬜	⊞
316Y001	G 1/2"M x Ø 15	25	250
316Y002	G 3/4"M x Ø 22	10	100
316Y004	G 1"M x Ø 28	10	100

Elbow fitting, male threaded, for copper pipe. With metallic seal. Suitable for solar thermal systems. In compliance with EN1254-2 standard.

317

PRODUCT CODE	SIZE	⬜	⊞
317Y001	G 1/2"F x Ø 15	25	250
317Y002	G 3/4"F x Ø 22	10	100
317Y004	G 1"F x Ø 28	5	50

Elbow fitting, female threaded, for copper pipe. With metallic seal. Suitable for solar thermal systems. In compliance with EN1254-2 standard.

318

PRODUCT CODE	SIZE	⬜	⊞
318Y001	15 x 15 x 15	10	100
318Y010	18 x 18 x 18	10	100
318Y006	22 x 22 x 22	5	50
318Y014	28 x 28 x 28	5	50

Tee fitting, for copper pipe. With metallic seal. Suitable for solar thermal systems. In compliance with EN1254-2 standard.

351

PRODUCT CODE	SIZE	⬜	⊞
351Y001	Ø 15	50	500
351Y002	Ø 22	25	250
351Y003	Ø 28	10	100

End fitting (plug), for copper pipe. With metallic seal. Suitable for solar thermal systems. In compliance with EN1254-2 standard.

R189

PRODUCT CODE	SIZE	⬜	⊞
R189Y004	3/4"	25	250
R189Y005	1"	20	200

Nipple with male-male threaded connections.

R564P

PRODUCT CODE	SIZE	⬜	⊞
R564PY004	3/4"	1	25
R564PY005	1"	1	10

Tee fitting, flat seat male thread connections.

VALVES WITH FLANGED CONNECTIONS

Giacomini big size valves , with cast iron body and flanged connections, are suitable for a full range of solutions among heating, cooling and balancing systems.
They are designed for water applications and complete the family of Giacomini brass valves for high flow installation.

GIACOMINI
WATER E-MOTION

⟩ Valves with flanged connections

R206AF

PRODUCT CODE	SIZE	⬛	⊞
R206AY306	DN65	1	-
R206AY308	DN80	1	-
R206AY310	DN100	1	-
R206AY312	DN125	1	-
R206AY315	DN150	1	-

K274-3

ACTUATORS PRESSURE INDEPENDENT CONTROL VALVE WITH FLANGED CONNECTIONS.

PRODUCT CODE	SIZE	⬛	⊞
K274Y301	24 V /0-10 V	1	-
K274Y302	24 V /0-10 V	1	-

K274Y301: for R206AFY306, R206AFY308 valves
K274Y302: for R206AFY310, R206AFY312, R206AFY315 valves
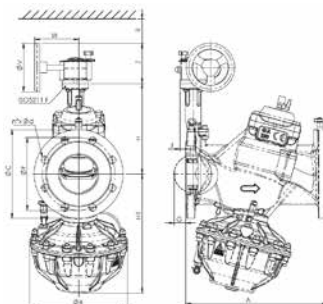
Pressure independent control valve (PICV) with flanged connections.
It is suitable to be integrated in automated building management system. Compensating the pressure variations and keeping constant the system performance in case of load changes, assures an improvement of environmental comfort as well as a pumping cost reduction.
The valve could be equipped with an actuator for proportional or 3-points control; manually operated version can be supplied as well.
Working conditions with water
- Working temperature range: -10÷120 °C
- Max. static pressure: 16 bar
- Max. differential pressure: 4 bar

ⓘ **INFO**
R206AF flanged valves are available by checking the conditions of supply with our sales managers.

PRODUCT CODE	A	H	H1	B	S	J	G	C	F	n x D	W	Z	V	R
R206AY306	290	205	217	200	14,8	15	17	185	145	4 x 18	98	100	120	>100
R206AY308	310	214	281	242	14,8	15	25	200	160	8 x 18	99	100	120	>100
R206AY310	350	224	295	242	14,8	15	30	220	180	8 x 18	101	100	120	>100
R206AY312	400	272	317	242	14,8	28	46	250	210	8 x 18	103	100	120	>100
R206AY315	480	301	341	242	14,8	28	56	285	240	8 x 22	105	100	120	>100

R206BF

PRODUCT CODE	SIZE	⬛	⊞
R206BY205	DN50	1	-
R206BY206	DN65	1	-
R206BY208	DN80	1	-
R206BY210	DN100	1	-
R206BY212	DN125	1	-
R206BY215	DN150	1	-
R206BY220	DN200	1	-
R206BY225	DN250	1	-
R206BY230	DN300	1	-

Cast iron static balancing valve.
With stainless steel disc, flanged connections and 1/4"F plug for differential pressure measure.
Working conditions with water
- Working temperature range: -10÷120 °C
- Nominal pressure: 16 bar
- Max. working pressure (continuous): 11 bar

ⓘ **INFO**
R206BF flanged valves are available by checking the conditions of supply with our sales managers.
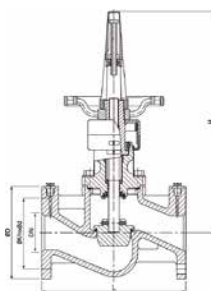
PRODUCT CODE	L	h	ØD	ØK	n x Ød
R206BY205	230	280	160	125	4 x 18
R206BY206	290	365	185	145	4 x 18
R206BY208	310	395	200	160	8 x 18
R206BY210	350	430	220	180	8 x 18
R206BY212	400	495	250	210	8 x 18
R206BY215	480	530	285	240	8 x 22
R206BY220	600	665	340	295	8 x 22
R206BY225	730	600	405	355	12 x 22
R206BY230	850	685	460	410	12 x 26

R206CF

PRODUCT CODE	SIZE	⬓	⊞
R206CY306	DN65	1	-
R206CY308	DN80	1	-
R206CY310	DN100	1	-
R206CY312	DN125	1	-
R206CY315	DN150	1	-
R206CY316	DN65	1	-
R206CY318	DN80	1	-
R206CY320	DN100	1	-

ⓘ **INFO**

R206BF flanged valves are available by checking the conditions of supply with our sales managers.

PRODUCT CODE	H	H1	B	c	F	n x D
R206CY306 / R206CY316	170	310	200	185	145	4 x 18
R206CY308 / R206CY318	182	400	242	200	160	8 x 18
R206CY310 / R206CY320	200	414	242	220	180	8 x 18
R206CY312	275	436	242	250	210	8 x 18
R206CY315	300	460	242	285	240	8 x 22
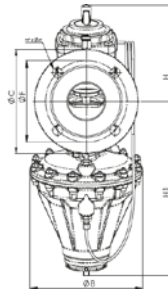
Differential pressure control valve DPCV with flanged connections.
The valves balance and control the differential pressure automatically and proportionally.
The valve balances the flow in the main network or in the single risers and branches of a heating/cooling system, controls and keeps the differential pressure over the load at a stable value, reducing the risk of noisiness and wear of the thermostatic control valves.
The setting range of the differential pressure delivered is comprised between 0,2÷1,0 and 0,8÷1,6 bar for DN65-100 and between 0,2 and 0,8 bar for DN125-150.
Working conditions with water
- Working temperature range: -10÷120 °C
- Max. working pressure: 16 bar
- Controllable differential pressure range for DN65-DN100: 20÷100 kPa or 80÷160 kPa.
- Controllable differential pressure range for DN125-DN150: 20÷100 kPa.

R55FL

PRODUCT CODE	SIZE	⬓	⊞
R55FLY005	DN50	1	-
R55FLY006	DN65	1	-
R55FLY008	DN80	1	-
R55FLY010	DN100	1	-
R55FLY012	DN125	1	-
R55FLY015	DN150	1	-
R55FLY020	DN200	1	-
R55FLY025	DN250	1	-
R55FLY030	DN300	1	-
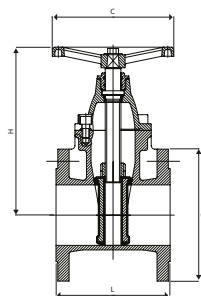
Gate valve with EPDM coated wedge.
Working conditions with water
- Max. working temperature: 100 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar
Applicable Directives
- Fluids of use: group 2 - liquid (2014/68/EU PED)

PRODUCT CODE	SIZE	L	H	D	C
R55FLY005	DN50	150	197	165	160
R55FLY006	DN65	170	228	185	200
R55FLY008	DN80	180	254	200	200
R55FLY010	DN100	190	281	220	200
R55FLY012	DN125	200	340	250	250
R55FLY015	DN150	210	378	285	250
R55FLY020	DN200	230	460	340	320
R55FLY025	DN250	250	563	400	366
R55FLY030	DN300	270	643	455	366

R59FL

BUTTERFLY VALVE WITH DUAL STEM - STAINLESS STEEL DISC

PRODUCT CODE	SIZE	▢	⊞
R59FLY004	DN40	1	-
R59FLY005	DN50	1	-
R59FLY006	DN65	1	-
R59FLY008	DN80	1	-
R59FLY010	DN100	1	-
R59FLY012	DN125	1	-
R59FLY015	DN150	1	-
R59FLY020	DN200	1	-
R59FLY025	DN250	1	-
R59FLY030	DN300	1	-

BUTTERFLY VALVE WITH DUAL STEM - NICKEL PLATED DUCTILE IRON DISC

PRODUCT CODE	SIZE	▢	⊞
R59FLX004	DN40	1	-
R59FLX005	DN50	1	-
R59FLX006	DN60	1	-
R59FLX008	DN80	1	-
R59FLX010	DN100	1	-
R59FLX012	DN125	1	-
R59FLX015	DN150	1	-
R59FLX020	DN200	1	-
R59FLX025	DN250	1	-
R59FLX030	DN300 *	1	-
R59FLX035	DN350 *	1	-
R59FLX040	DN400 *	1	-
R59FLX045	DN450 *	1	-
R59FLX050	DN500 *	1	-
R59FLX060	DN600 *	1	-
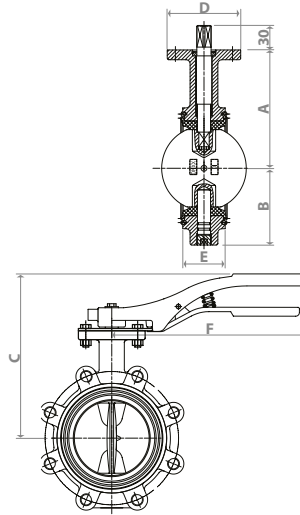
LUG type butterfly valve.
Working conditions with water
- Max. working temperature: 120 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar
Applicable Directives
- Fluids of use: group 2 - liquid (2014/68/EU PED)

ⓘ **INFO**

* Butterfly valve with gear box - Nickel plated ductile iron disc.

PRODUCT CODE	A	B	E	D	F	C
R59FLY004	140	63,5	34,5	90	260	217
R59FLY005	140	63,5	43	90	260	217
R59FLY006	152	76	45	90	260	229
R59FLY008	160	85	46	90	260	237
R59FLY010	180	100	51,5	90	260	257
R59FLY012	191	120	56	90	260	268
R59FLY015	202	132	56,5	90	260	279
R59FLY020	237	160	60	125	326	336
R59FLY025	274	200	68,5	125	416	376
R59FLY030	312	230	79,5	125	416	414

R59W

BUTTERFLY VALVE WITH DUAL STEM - STAINLESS STEEL DISC

PRODUCT CODE	SIZE	▢	⊞
R59WY004	DN40	1	-
R59WY005	DN50	1	-
R59WY006	DN65	1	-
R59WY008	DN80	1	-
R59WY010	DN100	1	-
R59WY012	DN125	1	-
R59WY015	DN150	1	-
R59WY020	DN200	1	-
R59WY025	DN250	1	-
R59WY030	DN300	1	-

BUTTERFLY VALVE WITH DUAL STEM - NICKEL PLATED DUCTILE IRON DISC

PRODUCT CODE	SIZE	▢	⊞
R59WX004	DN40	1	-
R59WX005	DN50	1	-
R59WX006	DN65	1	-
R59WX008	DN80	1	-
R59WX010	DN100	1	-
R59WX012	DN125	1	-
R59WX015	DN125	1	-
R59WX020	DN200	1	-
R59WX025	DN250	1	-
R59WX030	DN300	1	-
R59WX035	DN350 *	1	-
R59WX040	DN400 *	1	-
R59WX045	DN450 *	1	-
R59WX050	DN500 *	1	-
R59WX060	DN600 *	1	-
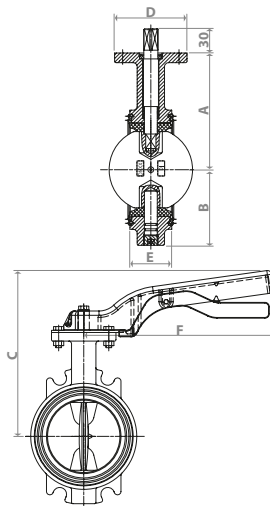
Wafer type butterfly valve.
Working conditions with water
- Max. working temperature: 120 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar
Applicable Directives
- Fluids of use: group 2 - liquid (2014/68/EU PED)

ⓘ **INFO**

* Butterfly valve with gear box - Nickel plated ductile iron disc

PRODUCT CODE	A	B	C	D	E	F
R59WY004	140	63,5	217	90	34,5	260
R59WY005	140	63,5	217	90	43	260
R59WY006	152	76	229	90	45	260
R59WY008	160	85	237	90	46	260
R59WY010	180	100	257	90	51,5	260
R59WY012	191	120	268	90	56	260
R59WY015	202	132	279	90	56,5	260
R59WY020	237	160	336	125	60	326
R59WY025	274	200	376	125	68,5	416
R59WY030	312	230	414	125	79,5	416

R60W

PRODUCT CODE	SIZE	▢	⊞
R60WY000	DN15	1	-
R60WY001	DN20	1	-
R60WY002	DN25	1	-
R60WY003	DN32	1	-
R60WY004	DN40	1	-
R60WY005	DN50	1	-
R60WY006	DN65	1	-
R60WY008	DN80	1	-
R60WY010	DN100	1	-

Applicable Directives
- Fluids of use: group 2
- liquid and gases
(2014/68/EU PED)
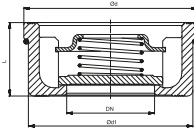
Brass body disc type check valve.
Working conditions with water
- Max. working temperature: 120 °C
- Nominal pressure: 16 bar
- Max. working pressure (continuous): 11 bar

PRODUCT CODE	L	Ød	Ød1
R60WY000	16	40	15
R60WY001	19	47	20
R60WY002	22	56	25
R60WY003	28	72	32
R60WY004	31,5	82	39
R60WY005	40	95	48
R60WY006	46	115	64
R60WY008	50	132	74
R60WY010	60	152	89

R740FL

PRODUCT CODE	SIZE	▢	⊞
R740FLY004	DN40	1	-
R740FLY005	DN50	1	-
R740FLY006	DN65	1	-
R740FLY008	DN80	1	-
R740FLY010	DN100	1	-
R740FLY012	DN125	1	-
R740FLY015	DN150	1	-
R740FLY020	DN200	1	-

Applicable Directives
- Fluids of use: group 2
- liquid (2014/68/EU PED)
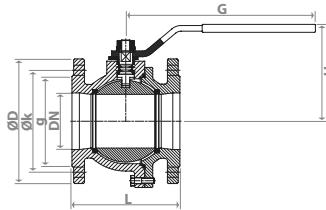
Full bore ball valve with stainless steel ball.
Working conditions with water
- Max. working temperature: 120 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar

PRODUCT CODE	L	Ød	ØK	g	H	G
R740FLY004	140	150	110	84	120	190
R740FLY005	150	165	125	99	130	260
R740FLY006	170	185	145	118	140	260
R740FLY008	180	200	160	132	155	335
R740FLY010	190	220	180	156	170	335
R740FLY012	325	250	210	184	190	335
R740FLY015	350	285	240	211	245	700
R740FLY020	400	340	295	266	280	700

R74FL

PRODUCT CODE	SIZE	▢	⊞
R74FLY005	DN50	1	-
R74FLY006	DN65	1	-
R74FLY008	DN80	1	-
R74FLY010	DN100	1	-
R74FLY012	DN125	1	-
R74FLY015	DN150	1	-
R74FLY020	DN200	1	-
R74FLY025	DN250	1	-
R74FLY030	DN300	1	-

Applicable Directives
- Fluids of use: group 1 & 2
- liquid and gases (2014/68/EU PED)
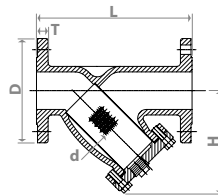
Strainer with stainless steel screen, epoxy painted.
Working conditions with water
- Max. working temperature: 120 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar

PRODUCT CODE	L	H	D	T	d	Pulg (BSPT)
R74FLY005	230	130	165	17	Ø 1,5	1/2"
R74FLY006	290	156	185	17	Ø 1,5	1"
R74FLY008	310	172	200	17	Ø 1,5	1"
R74FLY010	350	215	220	17	Ø 3	1"
R74FLY012	400	240	250	17	Ø 3	1 1/4"
R74FLY015	480	282	285	17	Ø 3	1 1/2"
R74FLY020	600	335	340	18	Ø 3	1 1/2"
R74FLY025	730	460	400	20	Ø 3	2"
R74FLY030	850	515	455	22,5	Ø 3	2"

ENERGY RECOVERY VENTILATION, AIR TREATMENT, ZONING AND AERAULIC DISTRIBUTION

To complete our radiant HVAC systems,
we offer indoor ventilation and
air treatment solutions to provide
comfort, energy saving,
hygiene and health.

GIACOMINI
WATER E-MOTION

◆ Dehumidification-integration air treatment

Air treatment monoblock units to control indoor thermohygrometric conditions through dehumidification and cooling. **They do not perform air exchange and heat recovery in radiant cooling systems.**
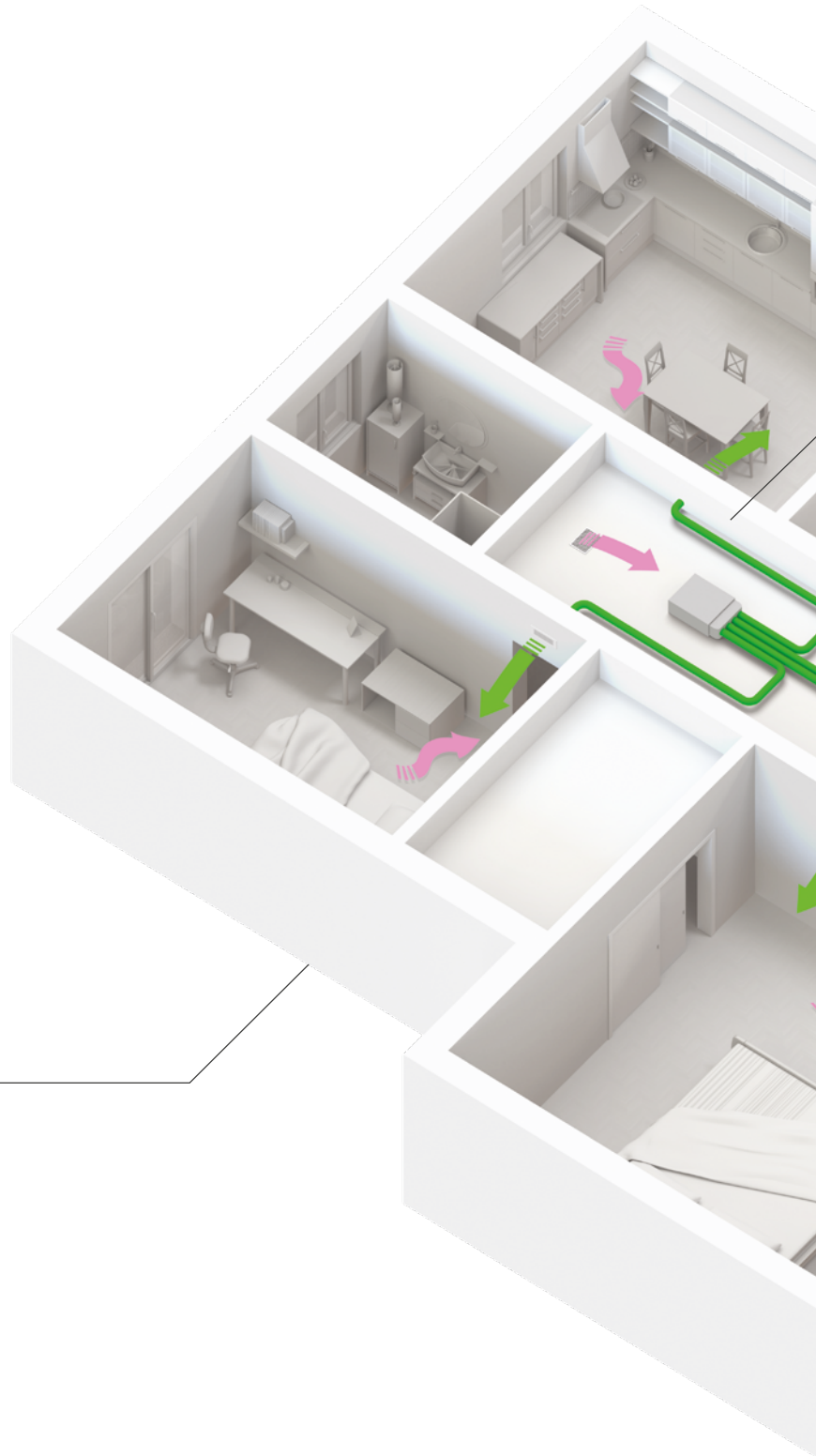
2 **Plenums for room openings and grids**   **241**
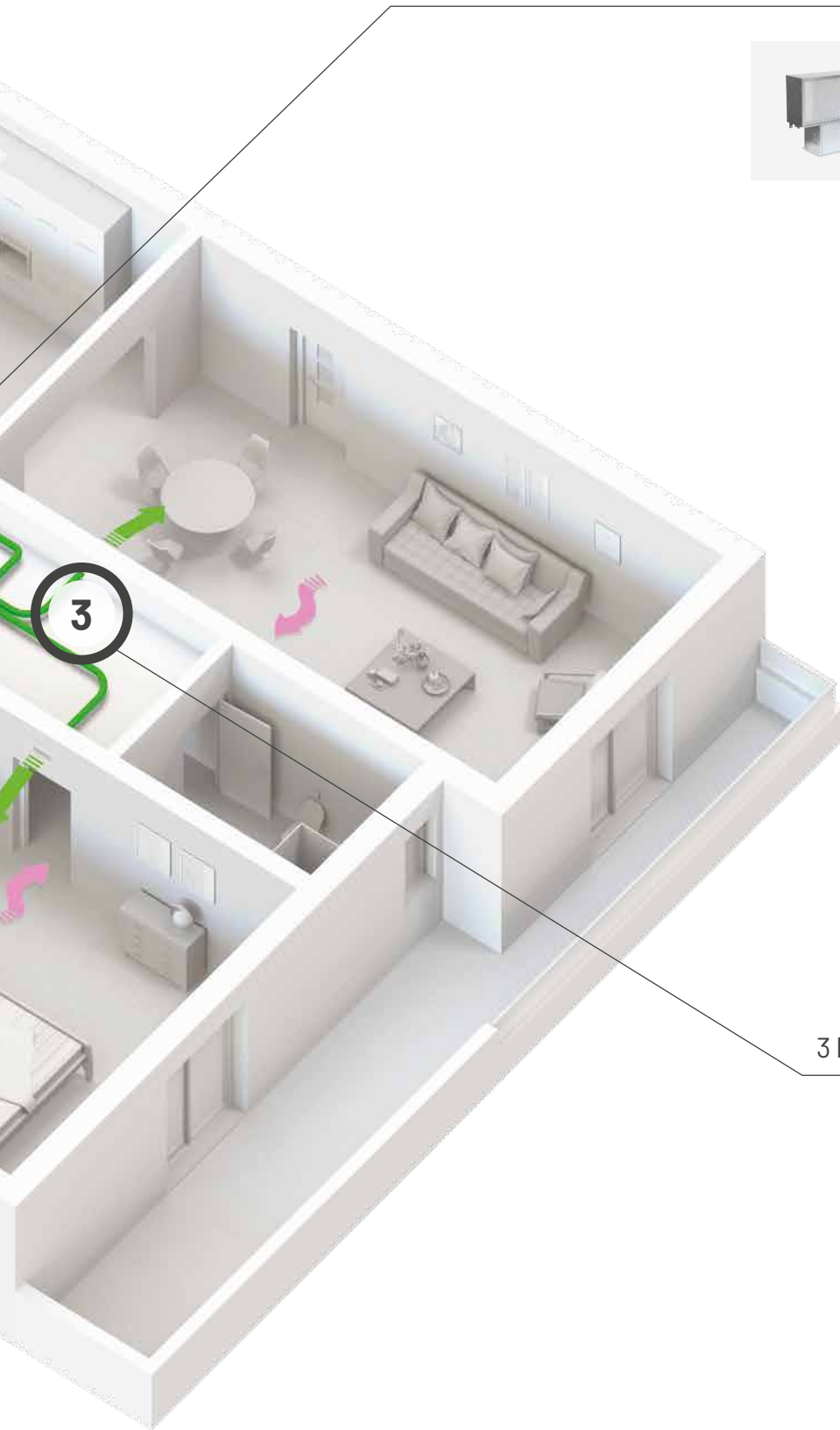
KDP

PRODUCT CODE	SIZE	▢	⊞
KDPHY024	Dehumidification	1	-
KDPRHY024	Dehumidification + integration	1	-

Humidity control monobloc unit, wall flush-mount installation, for use in radiant cooling systems.
Also available with sensible power integration.
With synthetic removable filtering section, direct-coupling 3-speed centrifugal fan, cooling circuit with R290 refrigerant gas, hydraulic circuit, treatment coils with copper pipe and aluminum fins.
Counter-case and white-lacquered wood panel available as accessories.

ⓘ **INFO**

Dehumidification capacity: 23 l/24h.
Air flow rate: 200 m³/h in dehumidification mode; 300 m³/h in integration mode (for KDPRHY024 only).
Nominal working temperature range: 15÷30 °C.
Water connections: 2 x 1/2"F.
Power supply: 230 V.

KDS

PRODUCT CODE	SIZE	▢	⊞
KDSHY026	Dehumidification	1	-
KDSRHY026	Dehumidification + integration	1	-
KDSRHY350	Dehumidification + integration	1	-
KDSRY500	Dehumidification + integration	1	-

Humidity control monobloc unit for suspended ceiling installation and use with radiant cooling systems.
Also available with sensible power integration.
Complete of synthetic removable filtering section, direct-coupling 3-speed centrifugal fan, cooling circuit with R290 refrigerant gas (R134a for KDSRY500), hydraulic circuit, treatment coils with copper pipe and aluminum fins.
Special supply plenums (4- or 6-way based on model) available as accessories.
Power supply 230 V.

ⓘ **INFO**

KDSHY026
Duct-type monobloc dehumidification unit.
Dehumidification capacity: 24,7 l/24h.
Air flow rate: 200 m³/h.
Nominal working temperature range: 15÷30 °C.
Water connections: 2x1/2"F.
KDS-ACC supply air plenum with multiple connections available for flexible distribution.
KDSRHY026
Duct-type monobloc unit for dehumidification and sensible power integration.
Dehumidification capacity: 24,7 l/24h.
Air flow rate: 200 m³/h in dehumidification mode; 300 m³/h in integration mode.
Nominal working temperature range: 15÷30 °C.
Water connections: 2x1/2"F.
KDS-ACC supply air plenum with multiple connections available for flexible distribution.
KDSRHY350
Duct-type monobloc unit for dehumidification and sensible power integration.
Dehumidification capacity: 38,6 l/24h.
Air flow rate: 350m³/h dehumidification mode, 350 m³/h in integration mode.
Nominal working temperature range: 15÷30 °C.
Water connections: 4x1/2"F.
KDS-ACC supply air plenum with multiple connections available for flexible distribution.
KDSRHY500
Duct-type monobloc unit for dehumidification and sensible power integration.
Dehumidification capacity: 60,1 l/24h.
Air flow rate: 500 m³/h in dehumidification mode, 500 m³/h in integration mode.
Nominal working temperature range: 12÷22 °C.
Water connections: 4x1/2"F.

DIMENSIONS, WEIGHT AND CONNECTION	KDPHY024	KDPRHY024		KDSHY026	KDSRHY026		KDSRHY350	KDSRY500
		Dehumidification	Integration		Dehumidification	Integration		
Air latent power [W] at 26 °C -65 % supply water at 15 °C	665	665	644	715	715	689	1.116	1.740
Air sensible power [W] at 26 °C -65 % supply water at 15 °C	814	814	973	844	844	1.011	1.469	2.070
Total water flow rate [l/h]	220	220	290	240	220	280	350	500
Water circuit loss of pressur [mm.c.a.]	1.100	1.200		1.100	1.100		1.200	1.600
Nominal air flow rate [m³/h]	200	200	300	200	200	300	350	500
Hydraulic head available [Pa] factory setting	-	-		15	24	45	40	60
Absorbed electric power [W] single-phase supply 230 V - 50 Hz	250	250	290	260	260	270	456	750
Max dimensions lxpxh [mm]	722x573x202	722x573x202		645x550x247	654x584x247		700x593x262	767x645x287
Weight [kg]	31	34		29	32		85	85

KDP-ACC

PRODUCT CODE	SIZE	▱	⊞
KDPCY024	Outer casing	1	-
KDPFY024	Front panel	1	-
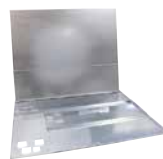
KDPCY024

KDPFY024

Completion accessories for KDP
wall flush-mount dehumidifiers.
- Counter-case (760x619x219 mm):
galvanized steel sheet case for wall flush
mounting of the dehumidifier
- Front panel with grille (790x630x18 mm):
made with white-lacquered Mdf wood
to conceal the dehumidifier with an appealing finish.
Complete with counter-case fitting rails to perfectly
match it to the surface finishing and magnets for
convenient positioning without screw anchors.

KDS-ACC

SUPPLY AIR PLENUM

PRODUCT CODE	SIZE	▱	⊞
KDSPLY003	Plenum for KDSHY026, KDSRHY026	1	-
KDSPLY005	Plenum for KDSRHY350	1	-

RETURN AIR PLENUM

PRODUCT CODE	SIZE	▱	⊞
KDSPRY001	Plenum for KDSRHY026	1	-
KDSPRY002	Plenum for KDSRHY350	1	-

KDSPLY003

KDSPLY005

RETURN AIR PLENUM

Completion accessories for KDS
suspended ceiling dehumidifiers.
Supply air plenum. Insulated and made with
galvanized steel sheets, it features pre-cut
holes to fit the special collars included.
The plenum must be connected to the unit,
but it can also be fitted separately to the ceiling
to securely hold the ducts during maintenance
of the dehumidifier.

ⓘ **INFO**

KDSPLY003: 3-way supply air plenum, 3 DN125 connections.
KDSPLY005: 5-way supply air plenum, 5 DN125 connections.
KDSPRY001: return air plenum, DN160.
KDSPRY002: return air plenum, DN160.

⊙ Energy recovery units

Dual duct-type ventilation units with high-efficiency heat recovery through **cross-flow countercurrent static heat exchanger.**
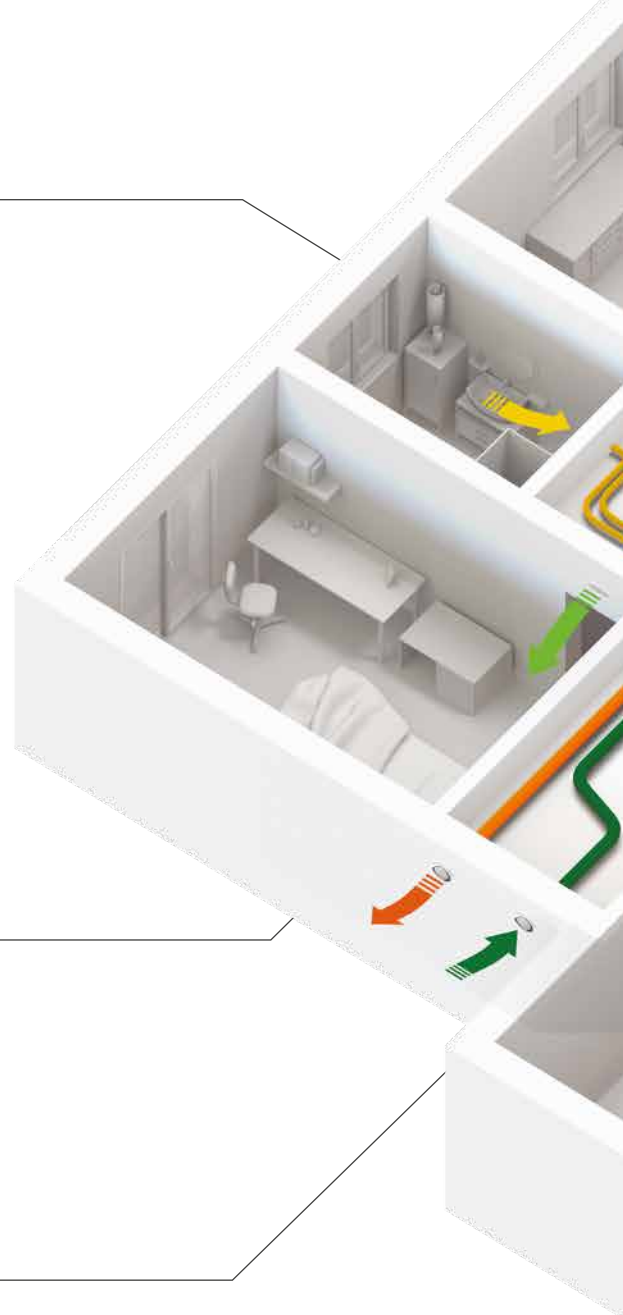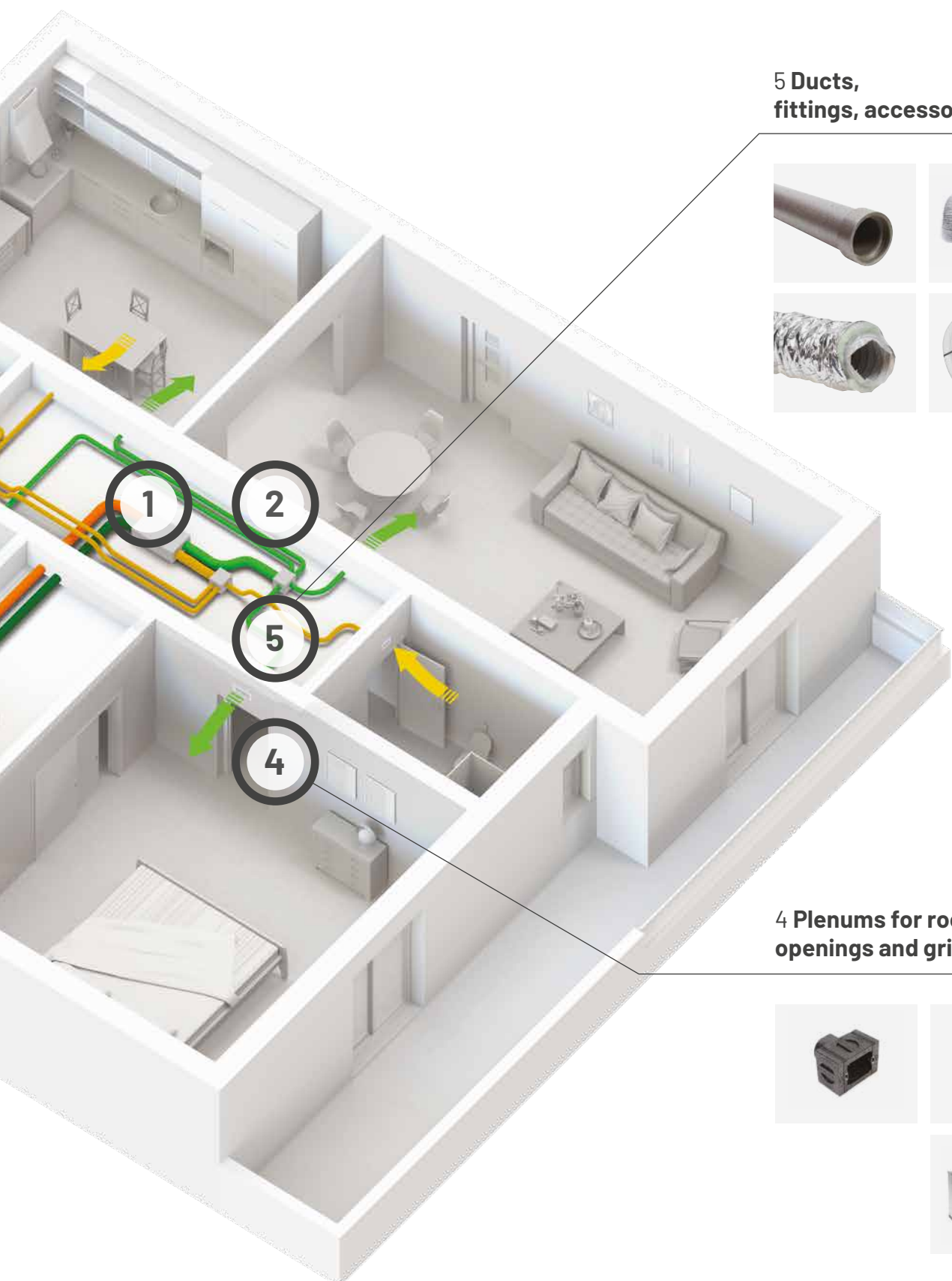
KHR-V

STANDARD EXCHANGER

PRODUCT CODE	SIZE	▢	⊞
KHRVY200	200 m3/h	1	-
KHRVY300	300 m3/h	1	-
KHRVY400	400 m3/h	1	-
KHRVY500	500 m3/h	1	-

ENTHALPY EXCHANGER

PRODUCT CODE	SIZE	▢	⊞
KHRVX200	200 m3/h	1	-
KHRVX300	300 m3/h	1	-
KHRVX400	400 m3/h	1	-
KHRVX500	500 m3/h	1	-

Duct-type dual-flow ventilation unit with high-efficiency heat recovery, for wall or floor-mount vertical installation. Compact design for convenient installation in technical compartments or attics. Two versions available: with standard or enthalpy static heat exchanger. Control panel with capacitive touch screen (sold separately) for wall surface mounting.

DISPLAY TO BE ORDERED SEPARATELY
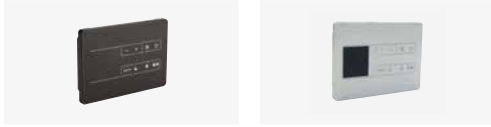
KHRCY201	KHRCY211	KHRCY202	KHRCY212
Wi-Fi	Modbus	Wi-Fi	Modbus
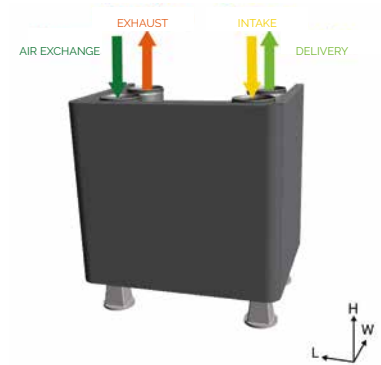
DIMENSIONS, WEIGHT AND CONNECTION	KHRVY200	KHRVY300	KHRVY400	KHRVY500	KHRVX200	KHRVX300	KHRVX400	KHRVX500
Length "L" - mm	625	785	785	785	625	785	785	785
Width "W" - mm	430	575	735	735	430	575	735	735
Height "H" - mm	510	590	590	590	510	590	590	590
Weight - kg	32	38	42	43	32	38	42	43
Air connections								
- Fresh air inflow	DN125	DN160	DN160	DN160	DN125	DN160	DN160	DN160
- Foul air extraction	DN125	DN160	DN160	DN160	DN125	DN160	DN160	DN160
- External air intake	DN125	DN160	DN160	DN160	DN125	DN160	DN160	DN160
- Foul air exhaust	DN125	DN160	DN160	DN160	DN125	DN160	DN160	DN160
Condensation drain - mm	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20

COUNTER-CURRENT CROSS-FLOW STATIC EXCHANGER FOR SENSIBLE HEAT RECOVERY.

ENTHALPY COUNTER-CURRENT CROSS-FLOW STATIC EXCHANGER

KHR-VE

STANDARD EXCHANGER

PRODUCT CODE	SIZE	▢	⊞
KHRVSY220	220 m3/h - For template	1	-
KHRVVY220	220 m3/h - Bare	1	-
KHRVVY220I	220 m3/h	1	-
KHRVSC001	Template for KHR-VE	1	-

ENTHALPY EXCHANGER

PRODUCT CODE	SIZE	▢	⊞
KHRVSX220	220 m3/h - For template	1	-
KHRVVX220	220 m3/h - Bare	1	-
KHRVSC001	Template for KHR-VE	1	-

Duct-type dual flow ventilation unit
with high-efficiency heat recovery
for wall-mount vertical installation, specific for
external installation in residential buildings.
Available in two different versions: with insulated
exposed-design metal cover for surface mounting in
niches; for flush mounting in special insulated metal
case on external walls.
Available in two versions: with standard or enthalpy
static heat exchanger.
Control panel with capacitive touch screen (sold
separately) for wall surface mounting.

KHRVVY220I - Version with reversed flows

DISPLAY TO BE ORDERED SEPARATELY

KHRCY201	KHRCY211	KHRCY202	KHRCY212
Wi-Fi	Modbus	Wi-Fi	Modbus

Exposed version   Metal case

DIMENSIONS, WEIGHT AND CONNECTION	KHRVSY220	KHRVVY220	KHRVVY220I	KHRVSX220	KHRVVX220
Length "L" - mm	600	495	495	600	495
Width "W" - mm	305	285	285	305	285
Height "H" - mm	1700	985	985	1700	985
Weight - kg	Metal case 28 Unit 45	Unit 48	Unit 48	Metal case 28 Unit 45	Unit 48
Air connections - Fresh air inflow - Foul air extraction - External air intake - Foul air exhaust	90x6 mm DN160 90x6 mm DN160	90x6 DN160 90x6 DN160	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160
Condensation drain - mm	Ø16	Ø16	Ø16	Ø16	Ø16

KHR-VL

FLUSH MOUNTING VERSION

PRODUCT CODE	SIZE	☐	⊞
KHRVSY700	700 m3/h	1	-

EXPOSED VERSION

PRODUCT CODE	SIZE	☐	⊞
KHRVVY700	700 m3/h	1	-

DISPLAY TO BE ORDERED SEPARATELY
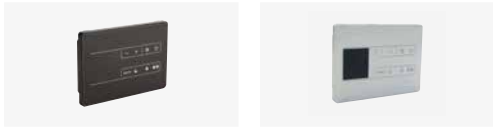
KHRCY201	KHRCY211	KHRCY202	KHRCY212
Wi-Fi	Modbus	Wi-Fi	Modbus
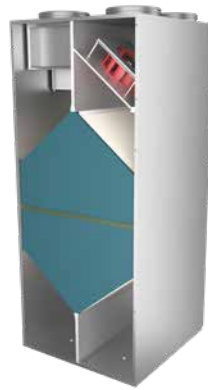
Duct-type dual flow ventilation unit with high-efficiency heat recovery for vertical wall mounting, specific for installation in niches. Available in two different versions: with insulated exposed-design metal cover for surface mounting, or with no covers for installation in technical compartments (ex. kitchen furniture modules 595x595x1400 mm).
Control panel with capacitive touch screen (sold separately) for wall surface mounting.

DIMENSIONS, WEIGHT AND CONNECTION	KHRVSY700	KHRVVY700
Length "L" - mm	595	603
Width "W" - mm	595	642
Height "H" - mm	1400	1482
Weight - kg	66	74
Air connections - Fresh air inflow - Foul air extraction - External air intake - Foul air exhaust	DN200 DN200 DN200 DN200	DN200 DN200 DN200 DN200
Condensation drain - mm	Ø16	Ø16

Exposed version

KHR-H

STANDARD EXCHANGER

PRODUCT CODE	SIZE	☐	⊞
KHRHY200	200 m3/h	1	-
KHRHY300	300 m3/h	1	-
KHRHY400	400 m3/h	1	-
KHRHY500	500 m3/h	1	-
KHRHY600	600 m3/h	1	-

ENTHALPY EXCHANGER

PRODUCT CODE	SIZE	☐	⊞
KHRHX200	200 m3/h	1	-
KHRHX300	300 m3/h	1	-
KHRHX400	400 m3/h	1	-
KHRHX500	500 m3/h	1	-
KHRHX600	600 m3/h	1	-

DISPLAY TO BE ORDERED SEPARATELY
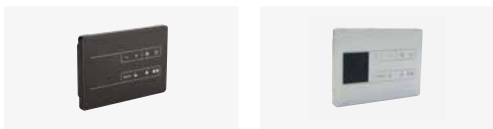
KHRCY201	KHRCY211	KHRCY202	KHRCY212
Wi-Fi	Modbus	Wi-Fi	Modbus
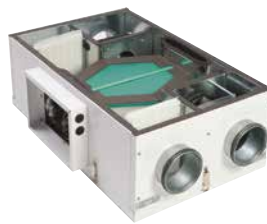
Duct-type dual-flow ventilation unit with high-efficiency heat recovery f or horizontal mounting on suspended ceiling. Reduced height for convenient installation in lowered suspended ceilings. Available in two versions: with standard or enthalpy static heat exchanger.
Control panel with capacitive touch screen (included) for wall surface mounting.

DIMENSIONS, WEIGHT AND CONNECTION	KHRHY200	KHRHY300	KHRHY400	KHRHY500	KHRHY600	KHRHX200	KHRHX300	KHRHX400	KHRHX500	KHRHX600
Length "L" - mm	800	940	1350	1350	1478	800	940	1350	1350	1478
Width "W" - mm	480	620	650	650	995	480	620	650	650	995
Height "H" - mm	270	380	280	280	283	270	380	280	280	283
Weight - kg	25	30	35	39	65	25	30	35	39	65
Air connections - Fresh air inflow - Foul air extraction - External air intake - Foul air exhaust	DN125 DN125 DN125 DN125	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160	DN200 DN200 DN200 DN200	DN125 DN125 DN125 DN125	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160	DN200 DN200 DN200 DN200
Condensation drain - mm	Ø12	Ø12	Ø18	Ø18	Ø20	Ø12	Ø12	Ø18	Ø18	Ø20

KHR-Z2

STANDARD EXCHANGER

PRODUCT CODE	SIZE	▢	⊞
KHRZ2Y140	140 m3/h	1	-
KHRZ2Y200	200 m3/h	1	-
KHRZ2SC001	Template for KHR-Z2	1	-
KHRZ2SG001	Ext. air grille kit for KHR-Z2	1	-

ENTHALPY EXCHANGER

PRODUCT CODE	SIZE	▢	⊞
KHRZ2X140	140 m3/h	1	-
KHRZ2X200	200 m3/h	1	-
KHRZ2SC001	Template for KHR-Z2	1	-
KHRZ2SG001	Ext. air grille kit for KHR-Z2	1	-

DISPLAY TO BE ORDERED SEPARATELY
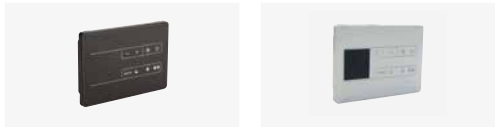
KHRCY201	KHRCY211	KHRCY202	KHRCY212
Wi-Fi	Modbus	Wi-Fi	Modbus
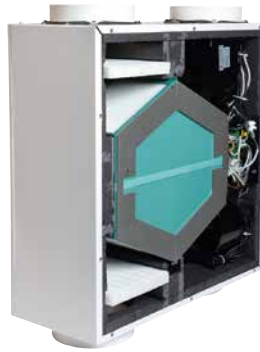
Duct-type dual flow ventilation unit
with high-efficiency heat recovery for vertical
or horizontal mounting.
Compact, lightweight and extremely versatile.
Horizontal surface mounting on boiler room
ceiling or inside suspended ceilings.
Vertical surface mounting (optional exposed-design
cover panel with anchoring brackets on unit)
or flush mounting in special metal case
(optional kit with fresh air diffusers).
Available in two versions: with standard
or enthalpy static heat exchanger.
Control panel with capacitive touch screen
(sold separately) for wall surface mounting.

Metal case

Grid kit fresh air

Exposed version

DIMENSIONS, WEIGHT AND CONNECTION	KHRZ2Y140	KHRZ2Y200	KHRZ2X140	KHRZ2X200
Length "L" - mm	580	680	580	680
Width "W" - mm	580	680	580	680
Height "H" - mm	255	295	255	295
Weight - kg	19	19	21	21
Air connections - Fresh air inflow - Foul air extraction - External air intake - Foul air exhaust	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160	DN160 DN160 DN160 DN160
Condensation drain - mm	Ø16	Ø16	Ø16	Ø16

KHR-C

PRODUCT CODE	SIZE	▢	⊞
KHRCY201	WiFi /Black	1	-
KHRCY202	WiFi /White	1	-
KHRCY211	Modbus /Black	1	-
KHRCY212	Modbus /White	1	-

Ventilation unit control panels.

ⓘ **INFO**

KHRCY201, KHRCY202, KHRCY211, KHRCY212:
Digital remote control for KHR, KHRW
and KMSW energy recovery units.

Energy recovery units with dehumidification- thermodynamic integration

Dual-flow duct-type ventilation unit with high-efficiency heat recovery - through static heat exchanger - and additional air treatment section for dehumidification and optional heating and cooling integration. **Cooling circuit included.**
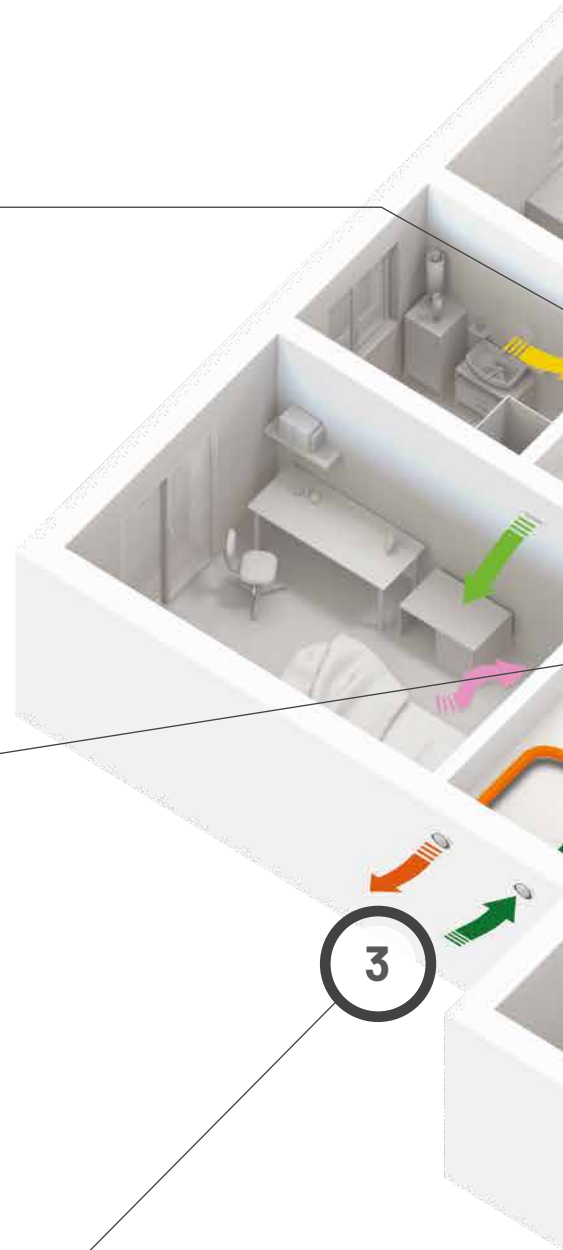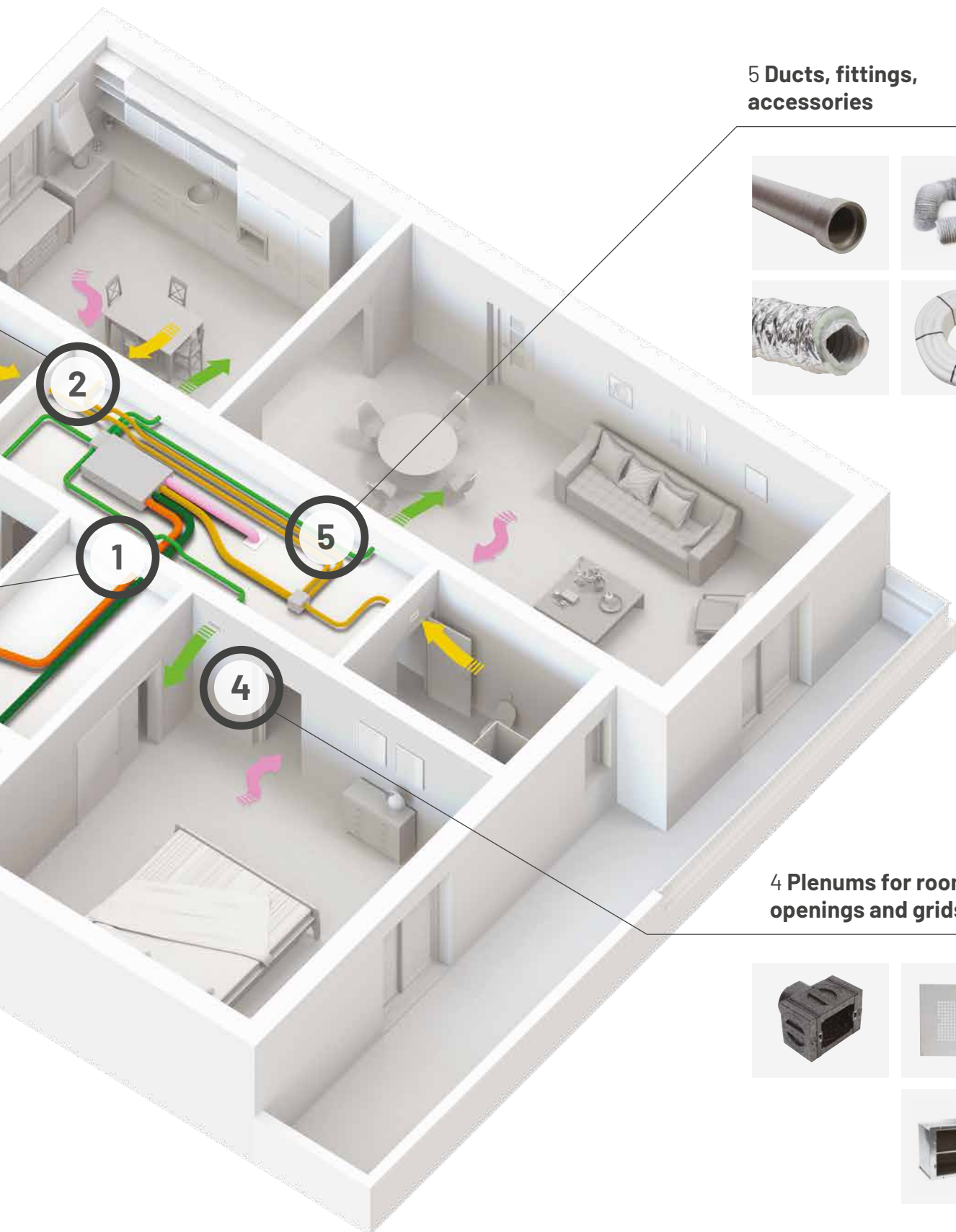
KHRD-V

DEHUMIDIFICATION ONLY

PRODUCT CODE	SIZE	▢	⊞
KHRDVX300	Total 300 / Ext 150 m3/h	1	-
KHRDVX500	Total 500 / Ext 250 m3/h	1	-

DEHUMIDIFICATION AND INTEGRATION

PRODUCT CODE	SIZE	▢	⊞
KHRDVRX300	Total 300 / Ext 150 m3/h	1	-
KHRDVRX500	Total 500 / Ext 250 m3/h	1	-
KHRDVRIX300	Total 300 / Ext 150 m3/h	1	-
KHRDVRIX400	Total 400 / Ext 200 m3/h	1	-
KHRDVRIX500	Total 500 / Ext 250 m3/h	1	-
KHRDVRIX600	Total 600 / Ext 300 m3/h	1	-

Duct-type dual-flow ventilation unit with high-efficiency energy recovery and additional primary air treatment section for dehumidification and optional heating and cooling integration (based on version). Dehumidification and summer cooling are performed through partial recycling of the ambient air and activation of the unit cooling circuit. Wall or floor vertical installation. Compact design for convenient installation in technical compartments or attics. With enthalpy static heat exchanger for high-efficiency recovery of sensible and latent energy. Control panel with capacitive touch screen (included) for wall surface mounting.

KHRDVRIX300-400-500-600
With inverter compressor

DISPLAY
TO BE ORDERED SEPARATELY

KHRCY502

WINTER OPERATIONAL DIAGRAM
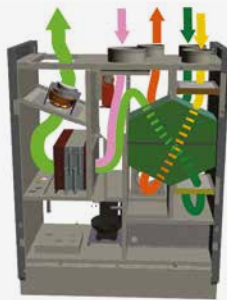
SUMMER OPERATIONAL DIAGRAM
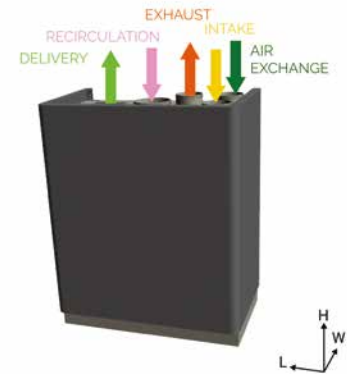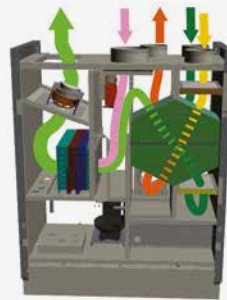
DIMENSIONS, WEIGHT AND CONNECTION	KHRDVX300	KHRDVX500	KHRDVRX300	KHRDVX500	KHRDVRIX300	KHRDVRIX400	KHRDVRIX500	KHRDVRIX600
Length "L" - mm	885	985	885	985	885	885	985	985
Width "W" - mm	515	740	515	740	515	515	740	740
Height "H" - mm	1085 (+145 mm for base)	1185 (+145 mm for base)	1085 (+145 mm for base)	1185 (+145 mm for base)	1085 (+145 mm for base)	1085 (+145 mm for base)	1185 (+145 mm for base)	1185 (+145 mm for base)
Weight - kg	74 (+1 kg for base)	83 (+1 kg for base)	74 (+1 kg for base)	83 (+1 kg for base)	74 (+1 kg for base)	76 (+1 kg for base)	83 (+1 kg for base)	85 (+1 kg for base)
Air connections - Ambient air supply - Fresh air inflow - Foul air extraction - External air intake - Foul air exhaust	345x175 mm DN125 DN160 DN125 DN125	510x240 mm DN160 DN200 DN160 DN160	345x175 mm DN125 DN160 DN125 DN125	510x240 mm DN160 DN200 DN160 DN160	345x175 mm DN125 DN160 DN125 DN125	345x175 mm DN125 DN160 DN125 DN125	510x240 mm DN160 DN200 DN160 DN160	510x240 mm DN160 DN200 DN160 DN160
Supply-return water connections	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"
Condensation drain - mm	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20

KHRD-H

PRODUCT CODE	SIZE	◻	⊞
KHRDHX300	Total 300 / Ext 150 m3/h	1	-
KHRDHX500	Total 500 / Ext 250 m3/h	1	-

DEHUMIDIFICATION AND INTEGRATION

PRODUCT CODE	SIZE	◻	⊞
KHRDHRX300	Total 300 / Ext 150 m3/h	1	-
KHRDHRX500	Total 500 / Ext 250 m3/h	1	-
KHRDHRIX300	Total 300 / Ext 150 m3/h	1	-
KHRDHRIX400	Total 400 / Ext 200 m3/h	1	-
KHRDHRIX500	Total 500 / Ext 250 m3/h	1	-
KHRDHRIX600	Total 600 / Ext 300 m3/h	1	-
KHRDHRIX310	Total 300 / Ext 150 m3/h	1	-
KHRDHRIX510	Total 500 / Ext 250 m3/h	1	-

DISPLAY
TO BE ORDERED SEPARATELY

KHRCY502

Duct-type dual-flow ventilation unit
with high-efficiency energy recovery
and additional primary air treatment section
for dehumidification, and optional heating
and cooling integration (based on version).
Dehumidification and summer cooling
are performed through partial recycling of the
ambient air and activation of the cooling unit.
Suspended ceiling horizontal mounting.
Reduced height for convenient installation
in lowered suspended ceilings.
With enthalpy static heat exchanger
for high-efficiency recovery of sensible
and latent energy. Control panel with capacitive touch
screen (included) for wall surface mounting
or installation in special case.

KHRDHRIX300-400-500-600
With inverter compressor
KHRDHRIX310-510
With inverter compressor and integrated damper
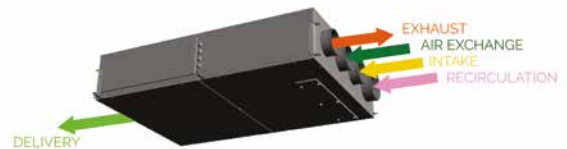
WINTER OPERATIONAL DIAGRAM

SUMMER OPERATIONAL DIAGRAM
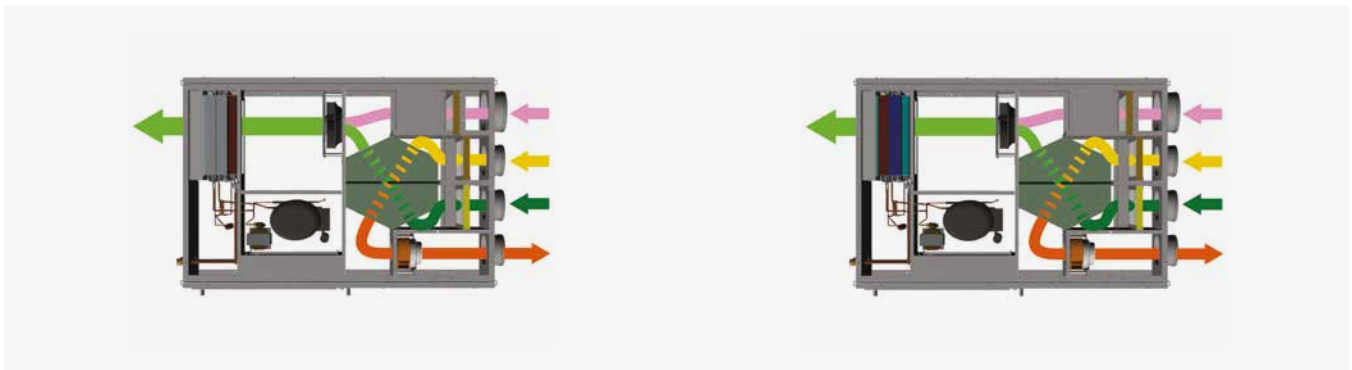
DIMENSIONS, WEIGHT AND CONNECTION	KHRDVX300	KHRDVX500	KHRDHRX300	KHRDHRX500	KHRDHRIX300	KHRDHRIX400	KHRDHRIX500	KHRDHRIX600	KHRDHRIX310	KHRDHRIX510
Length "L" - mm	1120	1220	1120	1220	1120	1120	1220	1220	1120	1220
Width "W" - mm	820	960	820	960	820	820	960	960	820	960
Height "H" - mm	255	330	255	330	255	255	330	330	255	330
Weight - kg	72	91	72	91	77	77	101	101	77	101
Air connections - Ambient air supply - Fresh air inflow - Foul air extraction - External air intake - Foul air exhaust	350x180 mm DN125 DN160 DN125 DN125	390x255 mm DN160 DN200 DN160 DN160	350x180 mm DN125 DN160 DN125 DN125	390x255 mm DN160 DN200 DN160 DN160	350x180 mm DN125 DN160 DN125 DN125	350x180 mm DN125 DN160 DN125 DN125	390x255 mm DN160 DN200 DN160 DN160	390x255 mm DN160 DN200 DN160 DN160	350x180 mm DN125 DN160 DN125 DN125	390x255 mm DN160 DN200 DN160 DN160
Supply-return water connections	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"
Condensation drain - mm	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20	Ø20

KDV

PRODUCT CODE	SIZE	▢	⊞
KDVRWY300	Water condensation	1	-
KDVRAY360	Air condensation	1	-
KDVRAY500	Air condensation	1	-

Monobloc air treatment unit for ventilation, dehumidification and sensible power integration, for use in radiant cooling systems.
With high efficiency counter-flow static heat exchanger.
Duct-type unit, for suspended ceiling horizontal installation, floor installation on top of the slab or against the wall.
Cooling circuit with air- or water-cooled dissipative condenser (based on unit version).
Remote control panel for control and operation.
Nominal working temperature range 15÷30 °C.
Power supply 230 V.

WINTER OPERATIONAL DIAGRAM
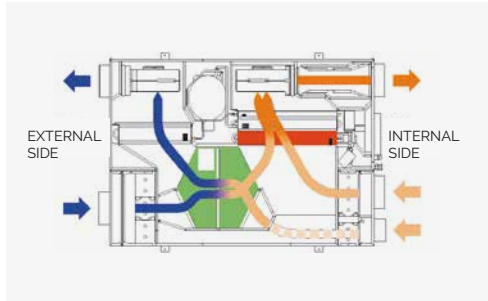
SUMMER OPERATIONAL DIAGRAM
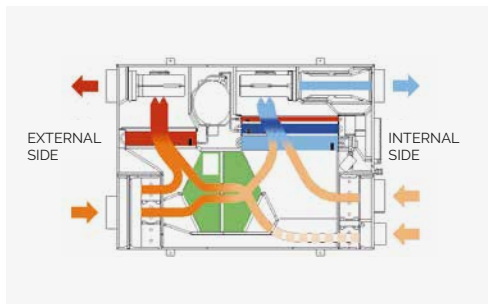
DIMENSIONS, WEIGHT AND CONNECTION	KDVRWY300	KDVRAY360	KDVRAY500
Total latent power [w] - external air at 35 °C -50 %	1.083	1.620	2.090
Useful latent power [w] - referred to recirculation, air at 26 °C -55 %	625	723	880
Useful sensible cooling power [w] - referred to recirculation, air at 26 °c -55 %	1.050	1.468	2.580
Total water flow rate [l/h]	400	360	500
Water circuit loss of pressure [mm.c.a.]	800	1.200	1.100
Nominal air flow rate [m³/h]	80-300	90-360	160-500
Delivery fan useful htdraulic head [Pa]	120	200	260
Exhaust fan flow rate [m³/h]	80-160	90-360	160-500
EXhaust fan useful hydraulic head [Pa]	100	200	260
Heat recuperator efficiency - winter: external -5 °C, indoor 20 °C	95%	91%	92%
Heat recuperator efficiency - summer: external 35 °C, indoor 26 °C	93%	89%	87%
Acoustic pressure level in free field -distance 1 m [db(A)]	39	42	48
Absorbed electric power [w] - single-phase supply 230 v - 50 hz	560	820	1.100
Max dimensions LxWxH [mm]	1.178x773x276	1.290x882x276	1.286x962x442
Weight [kg]	71	85	105

KMSD

PRODUCT CODE	SIZE	▢	⊞
KMSDY300	Total 300 / Ext 150 m3/h	1	-
KMSDY500	Total 500 / Ext 250 m3/h	1	-

DEHUMIDIFICATION AND INTEGRATION

PRODUCT CODE	SIZE	▢	⊞
KMSDRY300	Total 300 / Ext 150 m3/h	1	-
KMSDRY500	Total 500 / Ext 250 m3/h	1	-
KMSDRIY300	Total 300 / Ext 150 m3/h	1	-
KMSDRIY500	Total 500 / Ext 250 m3/h	1	-

Duct-type thermodynamic module for primary air treatment for use with KHR energy recovery units (split installation).
With an ambient air recycling section, it provides dehumidification and optional heating or cooling integration (based on version).
Dehumidification and summer cooling are performed through partial recycling of the ambient air and activation of the module cooling circuit.
Ceiling horizontal installation.
Reduced height for convenient installation in lowered suspended ceilings.
Control through communication with chronothermostat with humidity control or home automation systems.

DISPLAY
TO BE ORDERED SEPARATELY

KHRCY502

DIMENSIONS, WEIGHT AND CONNECTION	KMSDY300	KMSDY500	KMSDRY300	KMSDRY500	KMSDRIY300	KMSDRIY500
Length "L" - mm	690	690	690	690	690	690
Width "W" - mm	690	800	690	800	690	820
Height "H" - mm	270	320	270	320	270	320
Weight - kg	38	51	41	54	46	57
Air connections: - Ambient air supply - Ambient air recycling - Fresh air intake	310x180 mm DN160 DN160	520x250 mm DN200 DN200	310x180 mm DN160 DN160	520x250 mm DN200 DN200	310x180 mm DN160 DN160	520x250 mm DN200 DN200
Supply-return water connections	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"
Condensation drain - mm	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12

KHR-C

PRODUCT CODE	SIZE	▢	⊞
KHRCY502	T-H /White	1	-

Ventilation unit control panels.

ⓘ **INFO**

KHRCY502:
Digital remote control for KHRD and KMSD energy recovery units.

⟩ Energy recovery units with dehumidification and hydronic integration

Dual flow duct-type ventilation unit with high efficiency heat recovery - through static heat exchanger - and additional air treatment section for dehumidification and optional heating/cooling integration. **No cooling circuit provided, hydronic coil included.**

1 **Ventilation units**   **226**

3 **Grids and external terminals**   **245**

4 **Plenums
for room openings and grids**   **241**
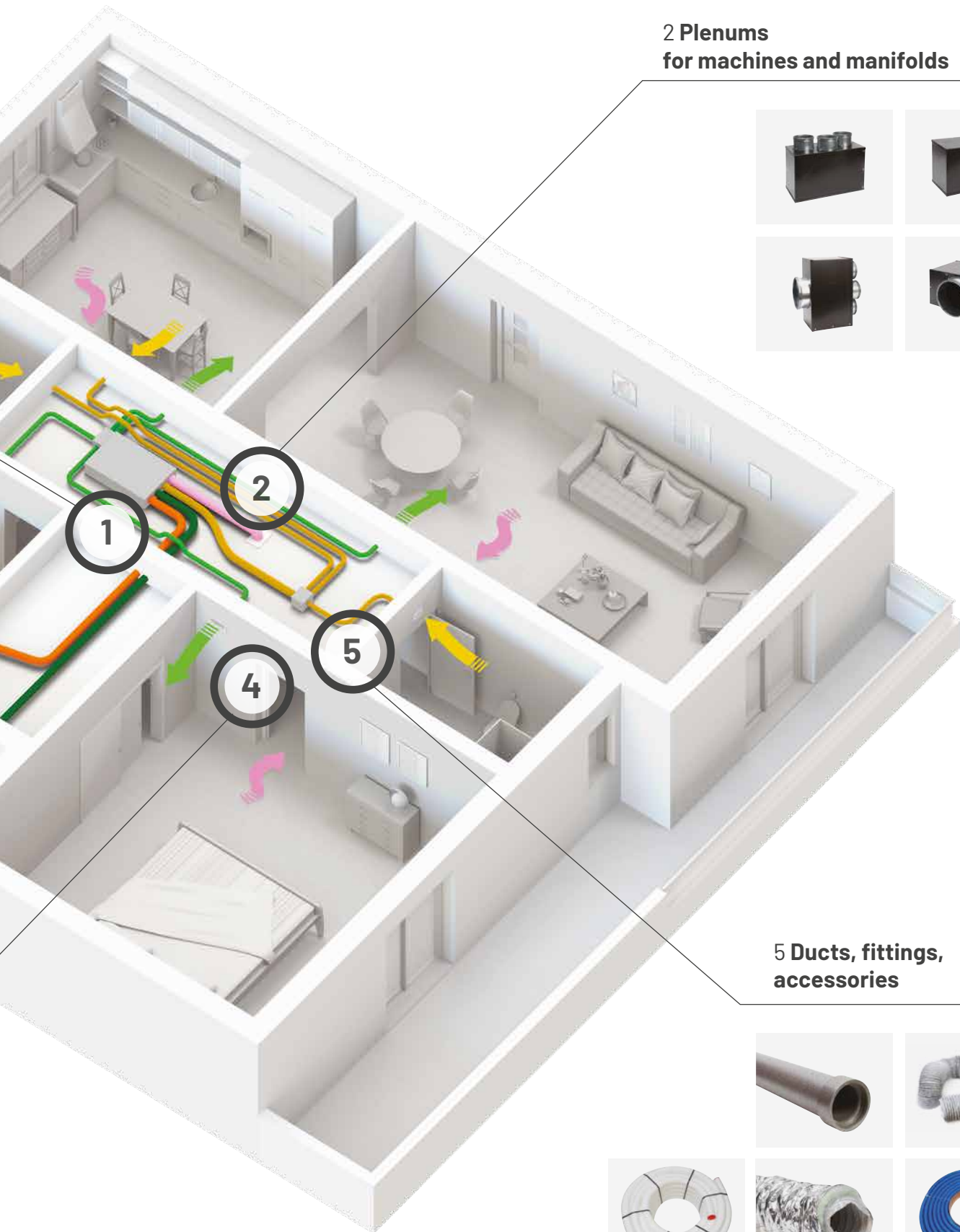
KHRW-V

PRODUCT CODE	SIZE	☐	⊞
KHRWVRX300	Total 300 / Ext 150 m3/h	1	-
KHRWVRX500	Total 500 / Ext 250 m3/h	1	-

DISPLAY TO BE ORDERED SEPARATELY

KHRCY201	**KHRCY211**	**KHRCY202**	**KHRCY212**
Wi-Fi	Modbus	Wi-Fi	Modbus

Duct-type dual-flow ventilation unit
with high-efficiency energy recovery
and additional primary air treatment section for
dehumidification and heating
and cooling integration.
With no cooling circuit, it includes a hydronic coil
connected to the heating/cooling system.
Wall or floor vertical installation.
Compact design for convenient installation
in technical compartments or attics.
With enthalpy static heat exchanger for high-
efficiency recovery of sensible and latent energy.
Control panel with capacitive touch screen (included)
for wall surface mounting.

DIMENSIONS, WEIGHT AND CONNECTION	KHRWVRX300	KHRWVRX500
Length "L" - mm	870	970
Width "W" - mm	470	700
Height "H" - mm	880 (+145 mm for base)	980 (+145 mm for base)
Weight - kg	85 (+1 kg for base)	100 (+1 kg for base)
Air connections - Ambient air supply - Foul air recycling - Ambient air recycling - Fresh air intake - Foul air exhaust	340x170 mm DN125 DN160 DN125 DN125	510x245 mm DN160 DN200 DN160 DN160
Supply-return water connections	1/2" - 1/2"	3/4" - 3/4"
Condensation drain	Ø20	Ø20
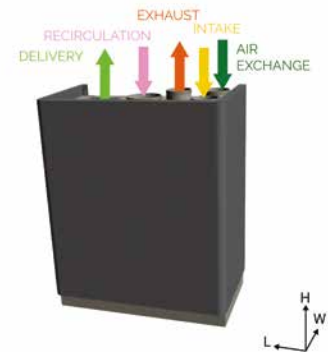
KHRW-H

PRODUCT CODE	SIZE	☐	⊞
KHRWHRX300	Total 300 / Ext 150 m3/h	1	-
KHRWHRX500	Total 500 / Ext 250 m3/h	1	-
KHRWHRX600	Total 600 / Ext 150 m3/h	1	-

DISPLAY TO BE ORDERED SEPARATELY
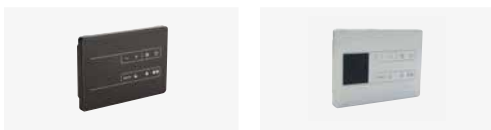
KHRCY201	**KHRCY211**	**KHRCY202**	**KHRCY212**
Wi-Fi	Modbus	Wi-Fi	Modbus

Duct-type dual-flow ventilation unit
with high-efficiency energy recovery and additional
primary air treatment section for dehumidification
and optional heating and cooling integration.
With no cooling circuit, it includes a hydronic coil
connected to the heating system.
Ceiling horizontal installation.
Reduced height for convenient installation
in lowered suspended ceilings.
With enthalpy static heat exchanger for high-
efficiency recovery of sensible and latent energy.
Control panel with capacitive touch screen (included)
for wall surface mounting.

DIMENSIONS, WEIGHT AND CONNECTION	KHRWHRX300	KHRWHRX500	KHRWHRX600
Length "L" - mm	1220	1220	1220
Width "W" - mm	820	960	820
Height "H" - mm	255	330	255
Weight - kg	68	83	74
Air connections - Ambient air supply - Foul air recycling - Ambient air recycling - Fresh air intake - Foul air exhaust	350x180 mm DN125 DN160 DN125 DN125	490x255 mm DN160 DN200 DN160 DN160	550x180 mm DN125 DN200 DN125 DN125
Supply-return water connections	1/2" - 1/2"	3/4" - 3/4"	3/4" - 3/4"
Condensation drain	Ø20	Ø20	Ø20

KMSW

PRODUCT CODE	SIZE	▢	⊞
KMSWRY300	Total 300 / Ext 150 m3/h	1	-
KMSWRY600	Total 600 / Ext 150 m3/h	1	-

Duct-type hydronic module for primary air treatment and use with KHR energy recovery units (split installation). With an ambient air recycling section, it provides dehumidification and heating/cooling integration. The unit has no cooling circuit, but it includes a hydronic coil connected to the heating/cooling system. Ceiling horizontal installation. Reduced height for convenient installation in lowered suspended ceilings. Control panel with capacitive touch screen (included) wall surface mounting.
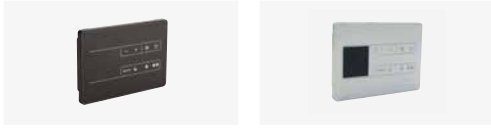
DISPLAY TO BE ORDERED SEPARATELY

KHRCY201	KHRCY211	KHRCY202	KHRCY212
Wi-Fi	Modbus	Wi-Fi	Modbus

DIMENSIONS, WEIGHT AND CONNECTION	KMSWRY300	KMSWRY600
Length "L" - mm	675	675
Width "W" - mm	730	730
Height "H" - mm	250	250
Weight - kg	38	38
Air connections: - Ambient air supply - Ambient air recycling - Fresh air intake	500x200 mm DN160 DN160	500x200 mm DN160 DN160
Supply-return water connections	3/4" - 3/4"	3/4" - 3/4"
Condensation drain	Ø12	Ø12

KHR-C

PRODUCT CODE	SIZE	▢	⊞
KHRCY201	WiFi /Black	1	-
KHRCY202	WiFi /White	1	-
KHRCY211	Modbus /Black	1	-
KHRCY212	Modbus /White	1	-

Ventilation unit control panels.

ⓘ **INFO**

KHRCY201, KHRCY202, KHRCY211, KHRCY212: Digital remote control for KHR, KHRW and KMSW energy recovery units.

● Active energy recovery units in heat pump - Clean-Air

Dual-flow ventilation unit with summer/winter high-efficiency active thermodynamic heat recovery. With no static heat exchanger, they are provided with a reversible heat pump circuit to recover energy from the extracted air and reintroduce it into the room.

1 Ventilation units **230**

1

3 Plenums for room openings and grids **241**
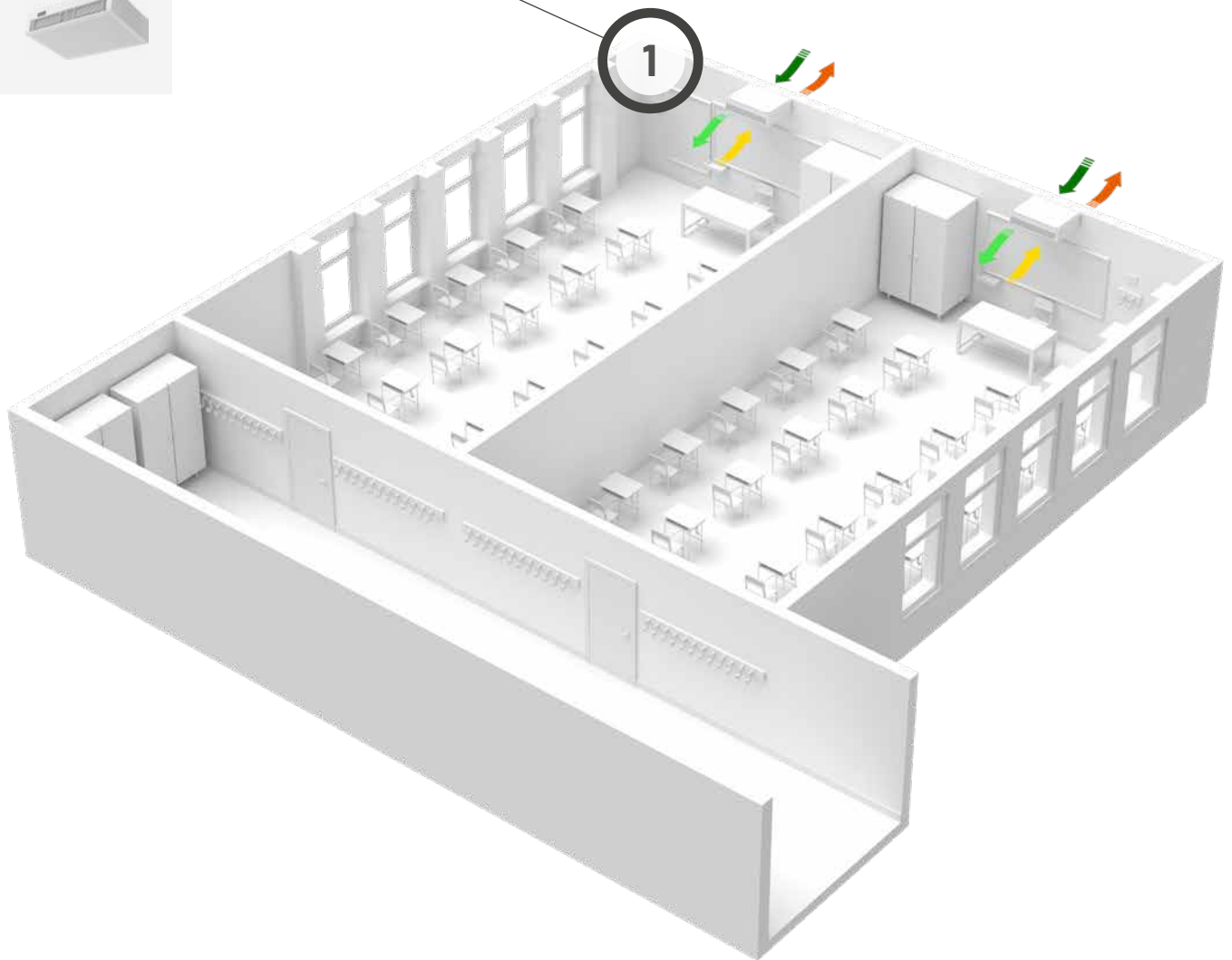
● Active energy recovery units in heat pump - Clean-Air

KHRA2-V

SURFACE MOUNTING

PRODUCT CODE	SIZE	⬚	⊞
KHRA2VV380	380 m3/h	1	-
KHRA2VV380U	380 m3/h - UV lamp	1	-

FLUSH MOUNTING

PRODUCT CODE	SIZE	⬚	⊞
KHRA2VS380	380 m3/h	1	-
KHRA2VS380U	380 m3/h - UV lamp	1	-
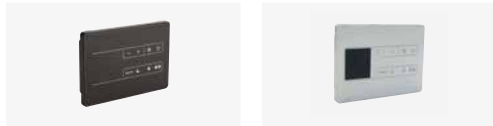
Clean-Air ventilation unit
with thermodynamic energy recovery
in heat pump, vertical layout.
Available for surface mounting
or flush mounting.
Optional installation of germicide
UV lamp in the unit.

DISPLAY TO BE ORDERED SEPARATELY

VERTICAL SURFACE MOUNTING

KHRCY001	KHRCY011	KHRCY002	KHRCY012
Wi-Fi	Modbus	Wi-Fi	Modbus

DIMENSIONS, WEIGHT AND CONNECTION	VV	VS
Length "L" - mm	500	490
Width "W" - mm	185	175
Height "H" - mm	1398	1430
Weight - kg	53	51
Air connections		
- Ambient air supply	-	DN160
- Foul air recycling	-	DN160
- Fresh air intake	DN162	DN162
- Foul air exhaus	DN162	DN162
Condensation drain	Ø20	Ø20

VERTICAL FLUSH MOUNTING

DELIVERY

AIR EXCHANGE

EXHALIST

IN TAKE

KHRA2-H

PRODUCT CODE	SIZE	⬚	⊞
KHRA2HV460	460 m3/h	1	-
KHRA2HV460U	460 m3/h - UV lamp	1	-

FLUSH MOUNTING

PRODUCT CODE	SIZE	⬚	⊞
KHRA2HS460	460 m3/h	1	-
KHRA2HS460U	460 m3/h - UV lamp	1	-

HORIZONTAL SURFACE MOUNTING

Clean-Air ventilation unit
with thermodynamic heat recovery
in heat pump, horizontal layout.
Available for surface mounting
or flush mounting (concealed).
Optional installation of germicide
UV lamp in the unit.

DISPLAY DA ORDINARE SEPARATAMENTE
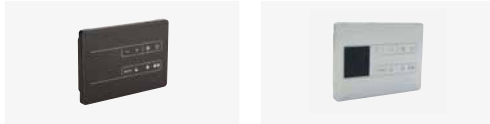
KHRCY001	**KHRCY011**	**KHRCY002**	**KHRCY012**
Wi-Fi	Modbus	Wi-Fi	Modbus

HORIZONTAL FLUSH MOUNTING

AIR EXCHANGE

EXHALIST

DELIVERY

IN TAKE

DIMENSIONS, WEIGHT AND CONNECTION	HV	HS
Length "L" - mm	1010	950
Width "W" - mm	690	710
Height "H" - mm	255	245
Weight - kg	74	72
Air connections		
- Ambient air supply	-	DN160
- Foul air recycling	-	DN160
- Fresh air intake	DN162	DN162
- Foul air exhaus	DN162	DN162
Condensation drain	Ø20	Ø20
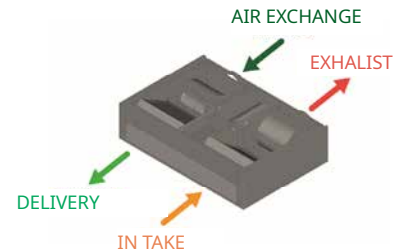
KHR-C

PRODUCT CODE	SIZE	⬚	⊞
KHRCY001	WiFi black - for CLEAN AIR	1	-
KHRCY002	WiFi white - for CLEAN AIR	1	-
KHRCY011	ModBus black - for CLEAN AIR	1	-
KHRCY012	ModBus white - for CLEAN AIR	1	-

Ventilation unit control panels.

ⓘ **INFO**

KHRCY001, KHRCY002, KHRCY011, KHRCY012:
Digital remote control for CLEAN AIR energy recovery units.

❯ Fan Coil

Radiant hot/cold integrated applications
with dehumidification or hybrid solutions combining
radiant underfloor heating and cooling with fan coils,
year round and for extreme climate contexts.

1 **KFC–F** **238**

2 **KFC–WD** **236**

4 **KFC-WU**   **237**

3 **KFC-M**   **235**
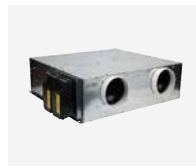
③

⑤

⑤

5 **Accessories
for fan coils**   **235,238**

A BREATH OF HOME

KFC-M is a ductable fan coil unit and multifan, which can be **installed in a suspended ceiling** and equipped with **integrated multi-zone control**. Thanks to its versatility, KFC-M is the ideal solution for a perfect climate in every season, a **compact and intelligent** system that optimizes thermal comfort and available space, integrating into the environment with a minimum impact on available space, guaranteeing **energy savings** throughtout the year.

Extra silent

Compact size

One unit manages different zones

GIACOMINI

WATER E-MOTION

KFC-M

PRODUCT CODE	SIZE	▢	⊞
KFCMY206	2 zones /600 m3/h	1	-
KFCMY308	3 zones /900 m3/h	1	-
KFCMY410	4 zones /1200 m3/h	1	-
KFCMY512	5 zones /1500 m3/h	1	-

Compact duct-type fan coil
for suspended ceiling installation,
with integrated multi-zone control.
Efficient, versatile, smart.
One single fan coil includes from 2 to 5 fans
to provide independent air flows.
Control of single zones with EC operation, 0..10 V.
Low-consumption EC forward-curve
centrifugal fans for reduced noise.
High-resistance galvanized metal
sheet structure with self-supporting
frame, internal thermal
and acoustic insulation.
Coarse-filtering class flat filters.
Electronic board through Wi-Fi chronothermostat.

AVAILABLE UP TO 5 OUTLETS
ZONE 2
ZONE 1
KFC-M
ZONE 1
ZONE 2
WI-FI
MODEM ROUTER ADSL
CHRONOTHERMOSTAT K492T
APP
THERMO-ELECTRIC ACTUATORS R473M
THERMO-ELECTRIC ACTUATORS R473M
RADIANT FLOOR
RADIANT FLOOR
Play Store
App Store
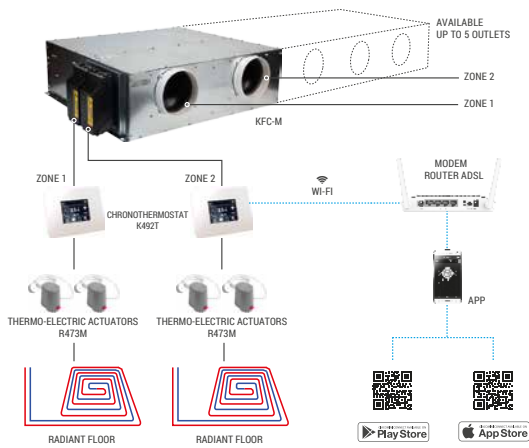
DIMENSIONS, WEIGHT	KFCMY206	KFCMY308	KFCMY410	KFCMY512
Length "L" - mm	790	990	1190	1480
Width "W" - mm	240	240	240	240
Height "H" - mm	690	690	690	690
Weight - kg	43	47	56	67

KFC-PL

PRODUCT CODE	SIZE	▢	⊞
KFCPLY012	2 x DN160	1	-
KFCPLY013	3 x DN160	1	-
KFCPLY014	4 x DN160	1	-
KFCPLY015	5 x DN160	1	-

Return air plenum for KFC-M Fan Coil.
DN160 round connections.
- for KGR-A supply air diffuser.
- for KGR-F return air grille.
- for KPB-F2 grille plenum.

KF202

PRODUCT CODE	SIZE	▢	⊞
KF202Y001	For KFC-M	1	-

Speed-adjustment kit
for KFC-M multi-convector Fan Coil.

KFC-WD

PRODUCT CODE	SIZE	☐	⊞
KFCWDF002	V.200 /RT /Fix speeds	1	-
KFCWDF004	V.400 /RT /Fix speeds	1	-
KFCWDF006	V.600 /RT /Fix speeds	1	-
KFCWDF008	V.800 /RT /Fix speeds	1	-
KFCWDF010	V.1000 /RT /Fix speeds	1	-
KFCWDF102	V.200 /LT /Fix speeds	1	-
KFCWDF104	V.400 /LT /Fix speeds	1	-
KFCWDF106	V.600 /LT /Fix speeds	1	-
KFCWDF108	V.800 /LT /Fix speeds	1	-
KFCWDF110	V.1000 /LT /Fix speeds	1	-
KFCWDM002	V.200 /RT /Speed modulating	1	-
KFCWDM004	V.400 /RT /Speed modulating	1	-
KFCWDM006	V.600 /RT /Speed modulating	1	-
KFCWDM008	V.800 /RT /Speed modulating	1	-
KFCWDM010	V.1000 /RT /Speed modulating	1	-
KFCWDM102	V.200 /LT /Speed modulating	1	-
KFCWDM104	V.400 /LT /Speed modulating	1	-
KFCWDM106	V.600 /LT /Speed modulating	1	-
KFCWDM108	V.800 /LT /Speed modulating	1	-
KFCWDM110	V.1000 /LT /Speed modulating	1	-
KFCWDB002	V.200 /RT /Steady-modulation	1	-
KFCWDB004	V.400 /RT /Steady-modulation	1	-
KFCWDB006	V.600 /RT /Steady-modulation	1	-
KFCWDB008	V.800 /RT /Steady-modulation	1	-
KFCWDB010	V.1000 /RT /Steady-modulation	1	-
KFCWDB102	V.200 /LT /Steady-modulation	1	-
KFCWDB104	V.400 /LT /Steady-modulation	1	-
KFCWDB106	V.600 /LT /Steady-modulation	1	-
KFCWDB108	V.800 /LT /Steady-modulation	1	-
KFCWDB110	V.1000 /LT /Steady-modulation	1	-

High-efficiency fan coil with an extremely thin cabinet, for wall-down installation. Refined design for residential installation, heating, cooling and dehumidification for use with heat pumps.
With an asymmetrical-blade tangential fan and an exchanger with a large front surface, it provides air flows with reduced loss of pressure in an extremely quiet fashion. 2-pipe version, with left- or right-side connections. Flow modulated for efficient, imperceptible and noiseless air flows.
Motor with DC inverter technology featuring extremely reduced electric consumptions along with impeccable operational stability.
Color RAL 9003 white.

ⓘ **INFO**

KFCWDF...: wall-mount fix-speed electronic board for remote control.
KFCWDM...: wall-mount modulating electronic board for remote control with 0..10 V analog input.
KFCWDB...: touch pad electronic control on unit edge, with continuous-modulation thermostat.

DIMENSIONS, WEIGHT	200	400	600	800	1000
Length "L" - mm	735	935	1135	1335	1535
Width "W" - mm	579	579	579	579	579
Height "H" - mm	150	150	150	150	150
Weight - kg	17	20	23	26	29

KFC-WU

PRODUCT CODE	SIZE	⬜	⊞
KFCWUF004	V.400 /RT /Fix speeds	1	-
KFCWUF006	V.600 /RT /Fix speeds	1	-
KFCWUF008	V.800 /RT /Fix speeds	1	-
KFCWULF008	V.800-XL /RT /Fix speeds	1	-
KFCWUF104	V.400 /LT /Fix speeds	1	-
KFCWUF106	V.600 /LT /Fix speeds	1	-
KFCWUF108	V.800 /LT /Fix speeds	1	-
KFCWUM004	V.400 /RT /Speed modulating	1	-
KFCWUM006	V.600 /RT /Speed modulating	1	-
KFCWUM008	V.800 /RT /Speed modulating	1	-
KFCWULM008	V.800-XL /RT /Speed modulating	1	-
KFCWUM104	V.400 /LT /Speed modulating	1	-
KFCWUM106	V.600 /LT /Speed modulating	1	-
KFCWUM108	V.800 /LT /Speed modulating	1	-
KFCWUB004	V.400 /RT /with remote control	1	-
KFCWUB006	V.600 /RT /with remote control	1	-
KFCWUB008	V.800 /RT /with remote control	1	-
KFCWULB008	V.800-XL /RT /with remotecontrol	1	-
KFCWUB104	V.400 /LT /with remote control	1	-
KFCWUB106	V.600 /LT /with remote control	1	-
KFCWUB108	V.800 /LT /with remote control	1	-

ⓘ **INFO**

KFCWUF...: wall-mount fix-speed electronic board for remote control.
KFCWUM...: wall-mount modulating electronic board for remote control, with 0..10 V analog input.
KFCWUB...: touch pad electronic control on unit edge and remote control.

High efficiency fan coil for wall-up installation, refined design with sober aesthetics
and reduced space impact,
ideal for any residential context.
Extremely quiet thanks to its metal structure
 which cuts down vibrations and its streamlined tangential fan.

4 different power sizes available, including the XL version for air conditioning of large spaces.
Reduced depth, only 128 mm (215 mm for XL) for convenient installation in any living context.
2-pipe version with left- or right-side connections (right-sided for XL only).
Continuous-modulation motor for modulated, imperceptible and extremely quiet air flows.
DC inverter technology for extremely low energy consumptions and state-of-the-art operational stability.
Color RAL 9003 white.

DIMENSIONS, WEIGHT	400	600	800	800 XL
Length "L" - mm	927	1127	1327	1327
Width "W" - mm	335	335	335	335
Height "H" - mm	128	128	128	215
Weight - kg	14	16	19	24

KFC-F

PRODUCT CODE	SIZE	⬜	⊞
KFCFF004	V.400 /RT /Fix speeds	1	-
KFCFF006	V.600 /RT /Fix speeds	1	-
KFCFF008	V.800 /RT /Fix speeds	1	-
KFCFF104	V.400 /LT /Fix speeds	1	-
KFCFF106	V.600 /LT /Fix speeds	1	-
KFCFF108	V.800 /LT /Fix speeds	1	-
KFCFM004	V.400 /RT /Speed modulating	1	-
KFCFM006	V.600 /RT /Speed modulating	1	-
KFCFM008	V.800 /RT /Speed modulating	1	-
KFCFM104	V.400 /LT /Speed modulating	1	-
KFCFM106	V.600 /LT /Speed modulating	1	-
KFCFM108	V.800 /LT /Speed modulating	1	-

ⓘ **INFO**

KFCFF...:
Wall-mount fix-speed electronic board
for remote control.
KFCFM...:
Wall-mount modulating electronic board
for remote control with 0..10 V analog input.
KFC-FA
completion accessories:
- floor flush mounting galvanized metal sheet case
 to perform the hydronic and electric connections
 for installation of the unit
- walk-on grid: it perfectly matches the case
 and includes a fix baffle for ambient air distribution.
Easy to remove for full maintenance of the unit.

DIMENSIONS, WEIGHT	400	600	800
Length "L" - mm	895	1095	1295
Width "W" - mm	431	431	431
Height "H" - mm	189	189	189
Weight - kg	14	16	19

High-efficiency fan coil for floor flush mounting,
the perfect solution for architectural contexts
with large glass surfaces where air drafts originating
from intense summer radiation or uncomfortable
winter cold need to the neutralized.
The fan coil generates an air curtain which
envelops the exposed glass surface
and neutralizes the negative effects to provide
enhanced thermal comfort.
Compact dimensions and reduced installation space.
2-pipe version with left- or right-side connections.
DC inverter technology for extremely reduced
energy consumptions and state-of-the-art
operational stability.
Extremely quiet operation.
"Open window" input contact to enable the fan coil
to automatically turn off and on.

KFC-FA

FLOOR FLUSH-MOUNTING GALVANIZED METAL SHEET CASE

PRODUCT CODE	SIZE	⬜	⊞
KFCFAC004	For KFC-F version 400	1	-
KFCFAC006	For KFC-F version 600	1	-
KFCFAC008	For KFC-F version 800	1	-

ALUMINUM WALK-ON GRID

PRODUCT CODE	SIZE	⬜	⊞
KFCFAG004	For KFC-F version 400	1	-
KFCFAG006	For KFC-F version 600	1	-
KFCFAG008	For KFC-F version 800	1	-

Installation accessories for KFC-F
floor flush-mount fan coil.
- Floor flush-mount galvanized metal sheet case
to perform the hydronic and electric connections
for installation of the unit.
- Walk-on grid: it perfectly matches the case and
includes a fix baffle for the ambient air distribution.
Easy to remove for full maintenance of the unit.

ⓘ **INFO**

- KFCFAC004: floor flush-mount metal sheet case,
895 x 431 x 189 mm, for KFC-F version 400.
- KFCFAC006: floor flush-mount metal sheet case,
1095 x 431 x 189 mm, for KFC-F version 600.
- KFCFAC008: floor flush-mount metal sheet case,
1295 x 431 x 189 mm, for KFC-F version 800.
- KFCFAG004: aluminum walk-on grid,
890 x 427 x 30 mm, for KFC-F version 400.
- KFCFAG006: aluminum walk-on grid,
1090 x 427 x 30 mm, for KFC-F version 600.
- KFCFAG008: aluminum walk-on grid,
1290 x 427 x 30 mm, for KFC-F version 800.

◉ Air distribution components - plenum and manifolds, diffusers, accessories

KPL-F

PRODUCT CODE	SIZE	▢	⊞
KPLFY001	345 x 175 mm - 1 x DN200	1	-
KPLFY011	500 x 230 mm - 1 x DN200	1	-
KPLFY021	547 x 177 mm - 1 x DN200	1	-
KPLFY031	500 x 180 mm - 5 x DN200	1	-
KPLFY003	345 x 175 mm - 3 x DN125	1	-
KPLFY015	500 x 230 mm - 5 x DN125	1	-
KPLFY025	547 x 177 mm - 5 x DN125	1	-
KPLFY035	500 x 180 mm - 5 x DN125	1	-

Supply air plenum for connection to the diffusers of monobloc ventilation units for energy r ecovery/air treatment and split modules.
With connections for KFLEX flexible ducts.
Made with varnished galvanized metal sheet, lined internally on all sides with insulation material of adequate thickness.

KPL-C

PRODUCT CODE	SIZE	▢	⊞
KPLCY008	345 x 175 mm - 8 x DN75/90	1	-
KPLCY012	515 x 249 mm - 12 x DN75/90	1	-
KPLCY112	547 x 177mm - 12 x DN75/90	1	-
KPLCY212	500 x 180mm - 12 x DN75/90	1	-

Supply air plenum for connection to the diffusers of energy recovery/air treatment monobloc ventilation units and split modules.
Preset for connection of initial adaptors for KCORR corrugated ducts.
Made with varnished galvanized metal sheet, lined internally on all sides with insulation material of adequate thickness.
Closed pre-cut outlets to be opened on site based on the number of connections required.

KCI

AMBIENT AIR DISTRIBUTION WITH FLEXIBLE DUCT

PRODUCT CODE	SIZE	▢	⊞
KCIY203	1 x DN200 - 3 x DN125	1	-
KCIY205	1 x DN200 - 5 x DN125	1	-

AMBIENT AIR DISTRIBUTION WITH CORRUGATED DUCT

PRODUCT CODE	SIZE	▢	⊞
KCIY004	1 x DN125 - 4/4/4 DN75/90	1	-
KCIY104	1 x DN160 - 4/4/4 DN75/90	1	-
KCIY108	1 x DN160 - 8/8/4/4 DN75/90	1	-
KCIY112	1 x DN160 -12/12/4/4 DN75/90	1	-
KCIY208	1 x DN200 - 8/8/4/4 DN75/90	1	-
KCIY212	1 x DN200 -12/12/4/4 DN75/90	1	-
KCIY215	1 x DN200 -15/15/4/4 DN75/90	1	-

FLEXIBLE DUCT

CORRUGATED DUCT

Varnished galvanized metal sheet universal manifold, lined internally on all sides with insulation material of adequate thickness.
Connection to ventilation units with connection for KFLEX flexible ducts or KEPP rigid pipes.
Two versions of manifold available based on the type of distribution system:
with connections for KFLEX flexible ducts or with closed pre-cut outlets for connection o initial adaptors of KCORR corrugated ducts.
Available for the version with closed pre-cut connections (to be opened on site based on the number required): straight or front connections, angle connections (perpendicular to the long side inlet), right-side connection, left-side connection.
Removable inspection cover on the remaining free side.
Supplied with 4 wall-anchoring brackets sliding on the external rails of the manifold body for installation at proper height.

DELIVERY PLENUM SELECTION CHART

MONOBLOCK VENTILATION UNIT (AIR RECOVERY/ TREATMENT) AND SPLIT MODULES (AIR TREATMENT)	PLENUM WITH CONNECTIONS FOR KFLEX FLEXIBLE DUCTS								PLENUM WITH CONNECTION PRESETTING FOR KCORR CORRUGATED DUCTS			
	KPLFY001 345x175 mm 1 x DN200	KPLFY011 500x230 mm 1 x DN200	KPLFY021 547x177 mm 1 x DN200	KPLFY031 500x180 mm 1 x DN200	KPLFY003 345x175 mm 3 x DN125	KPLFY015 500x230 mm 5 x DN125	KPLFY025 547x177 mm 5 x DN125	KPLFY035 500x180 mm 5 x DN125	KPLCY008 345x175 mm Max 8 x DN75/DN90	KPLCY012 515x249 mm Max 12 x DN75/DN90	KPLCY112 547x177 mm Max 12 x DN75/DN90	KPLCY212 500x180 mm Max 12 x DN75/DN90
KHRDVX300	X				X				X			
KHRDVX500		X				X				X		
KHRDVRX300	X				X				X			
KHRDVRIX300	X				X				X			
KHRDVRIX400	X				X				X			
KHRDVRX500		X				X				X		
KHRDVRIX500		X				X				X		
KHRDVRIX600		X				X				X		
KHRDHX300	X				X				X			
KHRDHX500		X				X				X		
KHRDHRX300	X				X				X			
KHRDHRIX300	X				X				X			
KHRDHRIX310	X				X				X			
KHRDHRIX400	X				X				X			
KHRDHRX500		X				X				X		
KHRDHRIX500		X				X				X		
KHRDHRIX510		X				X				X		
KHRDHRIX600		X				X				X		
KMSDY300	X				X				X			
KMSDY500		X				X				X		
KMSDRY300	X				X				X			
KMSDRIY300	X				X				X			
KMSDRY500		X				X				X		
KMSDRIY500		X				X				X		
KHRWVRX300	X				X				X			
KHRWVRX500		X				X				X		
KHRWHRX300	X				X				X			
KHRWHRX500		X				X				X		
KHRWHRX600			X				X				X	
KMSWRY300				X				X				X
KMSWRY600				X				X				X
KPLFY001												
KPLFY001												

KSIL

PRODUCT CODE	SIZE	⬚	⊞
KSILY001	Width 219 mm	1	-
KSILY002	Width 442 mm	1	-
KSILY003	Width 672 mm	1	-
KSILY004	Width 796 mm	1	-

Muffler module for KPL-F or KPL-C plenums and KCI manifolds. External frame made with black-varnished metal sheet. Installation between air intake opening and plenum or manifold body to reduce the dimensions required for state-of-the-art installation. Inner structure made with galvanized steel sheet, lined internally with mineral wool soundproofing panels (20 mm thickness) and including an additional internal spacer placed centrally to increase the exchange surface and, in turn, soundproofing.

MATCHING OF PLENUM/MANIFOLD TO MUFFLER MODULE

PLENUM	MUFFLER MODULE
KPLFY001	KSILY002
KPLFY011	KSILY003
KPLFY021	KSILY003
KPLFY031	KSILY003
KPLFY003	KSILY002
KPLFY015	KSILY003
KPLFY025	KSILY003
KPLFY035	KSILY003
KPLCY008	KSILY002
KPLCY012	KSILY003
KPLCY112	KSILY003
KPLCY212	KSILY003

COLLETTORE	MUFFLER MODULE
KCIY203	KSILY002
KCIY205	KSILY003
KCIY004	KSILY001
KCIY104	KSILY001
KCIY108	KSILY002
KCIY208	KSILY002
KCIY112	KSILY003
KCIY212	KSILY003
KCIY215	KSILY004

KPB-F

PRODUCT CODE	SIZE	⬚	⊞
KPBFY001	345 x 248 mm - DN125	1	-
KPBFY002	445 x 198 mm - DN125	1	-
KPBFY003	710 x 210 mm - DN200	1	-
KPBFY004	710 x 210 mm - DN250	1	-

EPP polypropylene modular diffuser plenum
for connection to KCORR corrugated ducts.
Fit for a variety of connections: side,
top/bottom, back.
Optional connection to other modules
for use with supply air/extraction grids
with various front dimensions.
Exclusive fitting design with impeccable seal.
Reduced depth for installation on internal walls.
Fit for anchoring on brick (bottom)
or plasterboard walls (front) through special metal
brackets sliding inside appropriate housings.
Clip connections included for coupling
with KGR exposed grids.
Included: adaptors and seal rings
for connection to DN75/DN90 corrugated ducts,
caps for unused connections, joint for connection
to additional module, ISO Coarse filter
for positioning on special angular bases.
Working temperature: -25÷80 °C.
Insulation grade: 0,042 W/(m K).

KPB-C

DIFFUSER PLENUM MODULE

PRODUCT CODE	SIZE	⬚	⊞
KPBCY001	101 x 75 mm - DN75/90	1	-

SPARE PARTS

PRODUCT CODE	SIZE	⬚	⊞
KFRBY001	Spare filter for KPBCY001	1	-

PATENTED

EPP polypropylene modular diffuser plenum
for connection to KCORR corrugated ducts.
Fit for a variety of connections: side,
top/bottom, back.
Optional connection to other modules
or use with supply air/extraction grids
with various front dimensions.
Exclusive fitting design with impeccable seal.
Reduced depth for installation on internal walls.
Fit for anchoring on brick (bottom)
or plasterboard walls (front) through special metal
brackets sliding inside appropriate housings.
Clip connections included for coupling
 with KGR exposed grids.
Included: adaptors and seal rings
for connection to DN75/DN90 corrugated ducts,
caps for unused connections, joint for connection
to additional module, ISO Coarse filter
for positioning on special angular bases.
Working temperature: -25÷80 °C.
Insulation grade: 0,042 W/(m K).

KPB-F2

PRODUCT CODE	SIZE	⬚	⊞
KPBF2Y002	Insulated double plenum	1	-

Galvanized metal sheet diffuser plenum
for duct-type units, with inner insulation.
Two possible uses: connection of two supply
or recycled air pipes with parallel layout,
connection to only one supply or recycled air pipe
(by closing the unused connection).
2 DN160 mm connections 1 cap included.
Dimensions: 410x175x175 mm.

KPB-CS

PRODUCT CODE	SIZE	⬚	⊞
KPBCSY001	DN75/DN90	1	-
ACCESSORIES			

PRODUCT CODE	SIZE	⬚	⊞
KPBCSMY075	DN75	1	-
KPBCSMY090	DN90	1	-
KPBCSIY001	For KPBCSY001	1	-
KFRBY011	For KPBCSY001	1	-

ABS universal diffuser plenum kit
with polypropylene connectors to fit the corrugated
pipe, two diameters available: DN75 or DN90.
The plenum enables to connect the pipe of 3 sides.
Reduced-depth for installation also on internal walls.
Exclusive design for convenient fitting and seal
with connector.
Flow rate adjustment through special dampers
to be inserted inside the connectors.
Possibility to insert an optional filter.
Included: 2 black-varnished supports with clips
for connection to the grid back pins.
Two brackets for brick wall anchoring and front
brackets for plasterboard wall anchoring.
1x adaptor for DN75 mm outlets with control
dampers, 4x caps for unused outlets.

KGR-S

ROUND HOLES			
PRODUCT CODE	SIZE	⬚	⊞
KGRY006	420 x 170 mm - white	1	-
SQUARE HOLES			
PRODUCT CODE	SIZE	⬚	⊞
KGRY018	420 x 170 mm - white	1	-
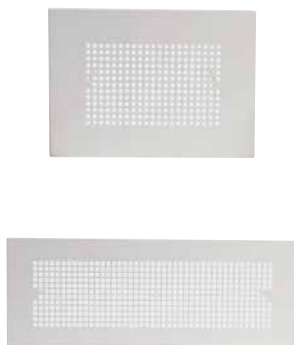
Supply/extraction air rectangular grid
with flat front surface.
Two versions available: with round or square holes.
Single-body molded steel, RAL 9003 white varnish
with surface treatment for enhanced resistance
to corrosion.
Rapid connection to diffuser plenum by fitting
the back pins in the matching clip housings
of the plenum.
The steel pins enable to extend the diffuser
(0-30 mm) to correct any plenum-wall misalignment.
Plus, its special profile prevents accidental
disconnections from the clip housings in
ceiling mountings.

KGR

ROUND HOLES			
PRODUCT CODE	SIZE	⬚	⊞
KGRY001	190 x 140 mm - white	1	-
KGRY002	360 x 140 mm - white	1	-
KGRY003	540 x 140 mm - white	1	-
KGRY004	360 x 260 mm - white	1	-
KGRY005	420 x 170 mm - white	1	-
SQUARE HOLES			
PRODUCT CODE	SIZE	⬚	⊞
KGRY011	190 x 140 mm - white	1	-
KGRY012	360 x 140 mm - white	1	-
KGRY013	540 x 140 mm - white	1	-
KGRY014	360 x 260 mm - white	1	-
KGRY015	420 x 170 mm - white	1	-
KGRY016	770 x 280 mm - white	1	-
KGRY017	770 x 380 mm - white	1	-
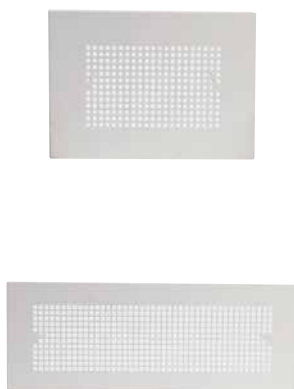
Supply/extraction air rectangular grid
with flat front surface.
Two versions available: with round or square holes.
Single-body molded steel, RAL 9003 white varnish
with surface treatment for enhanced resistance
to corrosion.
Rapid connection to diffuser plenum by fitting the
back pins in the matching clip housings
of the plenum.
The steel pins enable to extend the grid (0-30 mm)
to correct any plenum-wall misalignment.
Plus, its special profile prevents accidental
disconnections from the clip housings in ceiling
mountings.

KGR-A

PRODUCT CODE	SIZE	▢	⊞
KGRAY001	450 x 225 mm - white	1	-
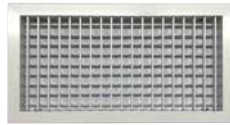
Supply air aluminum diffuser
with two rows of adjustable fins.
For KPB-F2. White.
Dimensions 450x225 mm.

KGR-F

PRODUCT CODE	SIZE	▢	⊞
KGRFY001	450 x 225 mm - white	1	-

Return air grille with fixed-fin filter.
For KPB-F2. White.
Dimensions 450x225 mm.

KEPP

PRODUCT CODE	SIZE	▢	⊞
KEPPY125	DN125 - L. 1 m	1	-
KEPPY160	DN160 - L. 1 m	1	-

Rigid EPP vapor-seal insulation pipe.
Fit for HRV distribution systems
for fresh air intake, foul air exhaust,
supply to supply air manifold, return from
the recycled air manifold and recommended
for exposed installations. It enables to reduce
condensation and heat dispersion.
Pipes supplied in bars and including a F-F connector
for convenient and rapid connection to other
components of the distribution system.
Extremely light, push-fitting connection,
easy to cut on site.
Working temperature: -25÷80 °C
Insulation grade: 0,042 W/(m K).

KEPP-A

PRODUCT CODE	SIZE	▢	⊞
KEPPAY125	DN125	1	-
KEPPAY160	DN160	1	-

Rigid EPP 90°-curve vapor-tight insulation fitting.
Provided with a F-F connector for convenient
and rapid connection to the other components
of the distribution system.
Extremely light, push-fitting connection,
easy to cut on site.
It can be split into two 45° angles thanks to the
central insertion groove.
Working temperature: -25÷80 °C.
Insulation grade: 0,042 W/(m K).

KEPP-F

PRODUCT CODE	SIZE	▢	⊞
KEPPFY125	DN125	1	-
KEPPFY160	DN160	1	-

Rigid EPP female-female vapor-tight
insulation connector.
Quick and easy connection to the other
distribution components.
Extremely light, push-fitting connection.
Working temperature: -25÷80 °C.
Insulation grade: 0,042 W/(m K).

KFLEX

PRODUCT CODE	SIZE	⬠	⊞
KFLEXY100	DN100	10	-
KFLEXY125	DN125	10	-
KFLEXY160	DN160	10	-
KFLEXY200	DN200	10	-

Non-insulated flexible duct made with polyester textile coated with polyolefin resins enriched with antibacterial and anti-mold agents, harmonic steel-wire coil included. The sturdiness of the thermo-bonded polyester fiber prevents microfiber dispersion while airflows through, guaranteeing its duration in time. Fit for heat recovery ventilation and air conditioning in concealed installations.
Supplied in spools.
Working temperature: -20÷90 °C.
Min radius bending: 800 mm.

KFLEX-I

PRODUCT CODE	SIZE	⬠	⊞
KFLEXIY100	DN100	10	-
KFLEXIY125	DN125	10	-
KFLEXIY160	DN160	10	-
KFLEXIY200	DN200	10	-

Insulated flexible duct made with polyester textile spread with polyolefin resins enriched with anti-bacterial and anti-mold agents, harmonic steel-wire coil included. Polyester fiber thermo-insulating coating (thickness 25 mm, density 16 kg/m3). Aluminized-film external protection (flame retardant). Reduces condensation and heat dispersion.
The sturdiness of the thermo-bonded polyester fiber prevents microfiber dispersion while air flows through, guaranteeing its duration in time.
Fit for HRV and air conditioning systems in concealed installations.
Supplied in spools.
Working temperature: -20÷110 °C.
Min radius bending: 800 mm.

KFLEX-C

PRODUCT CODE	SIZE	⬠	⊞
KFLEXCY001	DN60-DN200	1	-

AISI 304 stainless-steel pipe fastener for connection of flexible ducts.
With galvanized hardened steel traction device.
Extremely versatile during commissioning, fit for every diameter of the product range.

KFLEX-K

PRODUCT CODE	SIZE	⬠	⊞
KFLEXKY001	10 m x 50 mm - thickness 6 mm	1	-

The price refers to the entire spool.

Black anti-condensation adhesive tape for aeraulic sealing of pipe joints.
Closed-cell flexible elastomeric foam (FEF), fit for indoor and outdoor installations, combining low thermal conductivity and high resistance to water vapor diffusion and reduced flame propagation.

KFLEX-A

PRODUCT CODE	SIZE	⬠	⊞
KFLEXAY001	10 m x 50 mm - thickness 0,03 mm	1	-

The price refers to the entire spool.

Aluminum adhesive tape for aeraulic sealing of pipe joints.
Fit for indoor and outdoor installations, it provides great malleability combined to enhanced mechanical resistance.
Working temperature: -20÷120 °C, self-extinguishing Class 1.

KRI-M

PRODUCT CODE	SIZE	⬚	⊞
KRIMY125	DN125	1	-
KRIMY160	DN160	1	-
KRIMY200	DN200	1	-

Male-male airtight connector, with insulation. Made with galvanized steel sheet and provided with anti-aging EPDM synthetic rubber dual-lip gaskets featuring a homogeneous profile.

KRI-F

PRODUCT CODE	SIZE	⬚	⊞
KRIFY125	DN125	1	-
KRIFY160	DN160	1	-
KRIFY200	DN200	1	-

Female-female connector, with insulation. Made with galvanized steel sheet.

KRI-R

PRODUCT CODE	SIZE	⬚	⊞
KRIRY125	DN125 F - DN100 M	1	-
KRIRY160	DN160 F - DN125 M	1	-
KRIRY200	DN200 F - DN160 M	1	-

Concentric female-male airtight adaptor, with insulation.
Made with galvanized steel sheet and including anti-aging EPDM synthetic rubber double-lip gaskets featuring a homogeneous profile.

KRI-T

PRODUCT CODE	SIZE	⬚	⊞
KRITY125	DN125	1	-
KRITY160	DN160	1	-
KRITY200	DN200	1	-

Airtight TEE fitting with insulation.
Made with galvanized steel sheet and including anti-aging EPDM synthetic rubber dual-lip gaskets featuring a homogeneous profile. For sealed Tee connections and reduced loss of pressure.

KEXT-G

STANDARD

PRODUCT CODE	SIZE	⬚	⊞
KEXTGY125	For pipe DN125	1	-
KEXTGY160	For pipe DN160	1	-

WITH DEFLECTOR SHELL

PRODUCT CODE	SIZE	⬚	⊞
KEXTGDY125	For pipe DN125	1	-
KEXTGDY160	For pipe DN160	1	-

External wall grid for fresh air intake and foul air exhaust.
Made with stainless steel to guarantee sturdiness and resistance to corrosion.
With anti-insect mesh and flow deflectors. Fitting clips on connection for enhanced seal. Also available with deflector shell.

KEXT-T

PRODUCT CODE	SIZE	▢	⊞
KEXTTY125	For pipe DN125	1	-
KEXTTY160	For pipe DN160	1	-

Roof unit for fresh air intake and foul air exhaust.
Rain-proof exposed design in stainless steel.

KEXT-P

FOR FLAT ROOFS

PRODUCT CODE	SIZE	▢	⊞
KEXTPY125	DN125	1	-
KEXTPY160	DN160	1	-

FOR SLANTED ROOFS

PRODUCT CODE	SIZE	▢	⊞
KEXTPIY125	DN125	1	-
KEXTPIY160	DN160	1	-
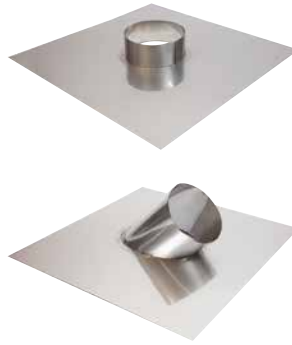
Stainless steel roof tile with opening.
Featuring sealed connection
to the ventilation unit pipe,
it can be fitted directly to the roof unit.
Available for flat and slanted roofs.

KEXT-R

PRODUCT CODE	SIZE	▢	⊞
KEXTRY001	From DN80 to DN160	1	-

EPDM seal gasket for roof tile with opening.
Extremely resistant to temperature
and UV rays, it can be conveniently combined
on site to the unit ducts.
Aluminum base easy to bend based
on the roof external slanting.

KCORR

ROUND SECTION

PRODUCT CODE	SIZE	▢	⊞
KCORRY075	DN75 (Øext.75 mm/ int.63 mm)	50	-
KCORRY090	DN90 (Øext.90 mm/ int.75 mm)	50	-

LOWERED OVAL SECTION

PRODUCT CODE	SIZE	▢	⊞
KCORRY001	ext.51x138 mm / int.38x120 mm	20	-

Corrugated flexible pipe specific
for suspended ceiling, under floor
and wall installation of HRV systems.
Two versions available: with round section
or lowered oval section.
Made with high-density anti-static
and anti-bacterial polyethylene (HDPE),
co-extruded with dual wall, corrugated
on the outside and smooth on the inside.
Complying with the standards certified
by the German hygiene institute HY.
Extremely hygienic thanks to the certified
anti-microbic treatment (more than 99% reduction
of the bacterial load commonly found on the inner
surface of ducts) and very easy to clean.
It prevents allergies and asthma,
bacterial growth and bad odors thanks
to its special biocide active principle.
For top performance (high flow rates)
and duration in time of HRV systems.
Supplied in spools with airtight caps
for hygienic protection.

KCORR-P

PRODUCT CODE	SIZE	⬠	▦
KCORRPY075	DN75	1	-
KCORRPY090	DN90	1	-

Initial adaptor for connection of round flexible corrugated pipe to plenum or manifold connections.
Made with high-density polyethylene (HDPE).
Stroke-end inner profiling to prevent over-insertion of the pipe.
adaptor easy to fit on plenum/manifold connection by inserting and rotating the item.
Seal ring for corrugated pipe included.

KCORR-F

ROUND SECTION

PRODUCT CODE	SIZE	⬠	▦
KCORRFY075	DN75	1	-
KCORRFY090	DN90	1	-

Female-female connector for KCORR corrugated pipe joints.
Seal rings included.

KCORR-A

PRODUCT CODE	SIZE	⬠	▦
KCORRAY075	DN75	1	-
KCORRAY090	DN90	1	-

90°-angle fitting for connection of KCORR orrugated round pipes.
Seal rings included.

KCORR-Z

STRAIGHT FITTING

PRODUCT CODE	SIZE	⬠	▦
KCORRZY075	DN75 - 52 x 132 mm	1	-
KCORRZY090	DN90 - 52 x 132 mm	1	-

90°-ANGLE FITTING

PRODUCT CODE	SIZE	⬠	▦
KCORRZY175	DN75 - 52 x 132 mm	1	-
KCORRZY190	DN90 - 52 x 132 mm	1	-

Fitting for transition from round pipe to lowered oval pipe.
Round seal ring included.
For use with KCORR-M male-male connector for oval pipes.

KCORR-M

LOWERED OVAL SECTION

PRODUCT CODE	SIZE	⬠	▦
KCORRMY001	52 x 132 mm	10	-

Male-male connector for KCORR corrugated pipe joints and matching owered oval fittings.
Seal gaskets included.

KCORR-AV

PRODUCT CODE	SIZE	⊟	⊞
KCORRAVY001	51 x 138 mm	1	-

Vertical 90°-angle fitting for connection
of KCORR corrugated oval pipes.
For use with KCORR-M male-male connectors
for oval pipes.

KCORR-AH

PRODUCT CODE	SIZE	⊟	⊞
KCORRAHY001	51 x 138 mm	1	-

Horizontal 90°-angle fitting for connection
of KCORR corrugated oval pipes.
For use with KCORR-M male-male connectors
for oval pipes.

KCORR-OR

FOR ROUND PIPE

PRODUCT CODE	SIZE	⊟	⊞
KCORROY075	DN75	1	-
KCORROY090	DN90	1	-

Seal ring for KCORR corrugated round pipes.
Made with EPDM synthetic material,
no lubricants required for installation.

KCORR-T

FOR ROUND PIPE

PRODUCT CODE	SIZE	⊟	⊞
KCORRTY075	DN75	1	-
KCORRTY090	DN90	1	-

FOR LOWERED OVAL PIPE

PRODUCT CODE	SIZE	⊟	⊞
KCORRTY001	51 x 138 mm	1	-

Airtight blind cap for internal hygienic protection
of KCORR corrugated pipe systems.
Made with PE polyethylene.

KCORR-C

FOR ROUND PIPE

PRODUCT CODE	SIZE	⊟	⊞
KCORRCY075	DN75	1	-
KCORRCY090	DN90	1	-

FOR LOWERED OVAL PIPE

PRODUCT CODE	SIZE	⊟	⊞
KCORRCY001	51 x 138 mm	1	-

Pipe support for wall, ceiling
or floor installation
of KCORR corrugated pipes.
Screws and screw anchors not included.
Made with PE polyethylene for round pipes
and with metal for oval pipes.

KCORR-I

FOR ROUND PIPE

PRODUCT CODE	SIZE	⊟	⊞
KCORRIY075	DN75-15M	15	-
KCORRIY090	DN90	15	-

FOR LOWERED OVAL PIPE

PRODUCT CODE	SIZE	⊟	⊞
KCORRIY001	51 x 138 mm	15	-

Insulation sleeve for KCORR corrugated pipes.
Made with PE polyethylene for continuous
extrusion and expansion,
with outer protective coating.
Working temperature: -8÷90 °C.
Insulation thickness: 6 mm.
Insulation grade: 0,038 W/(m K).
Min bending radius: 150 mm

KFLOW-D

PRODUCT CODE	SIZE	⬛	⊞
KFLOWDY001	Ø 80 mm	1	-

Dynamic flow rate controller.
Control through inner element
with self-adjusting variable slanting.
It automatically maintains the level set through the
front selector at any differential pressure - upstream
and downstream to the control module itself - and
with no additional energy required.
Direct installation inside KCORR-P initial adaptors
on plenum and manifold connections.

KFLOW-S

PRODUCT CODE	SIZE	⬛	⊞
KFLOWSY001	Ø 80 mm	1	-

Static flow rate controller.
With removable concentric inner elements:
the port section increases based on the number
of concentric disks removed.
Direct installation inside KPB-C diffuser plenums.

KST

PRODUCT CODE	SIZE	⬛	⊞
KSTY125	DN125	1	-
KSTY160	DN160	1	-
KSTY200	DN200	1	-

Calibration damper for KFLEX flexible ducts.

KBW

PRODUCT CODE	SIZE	⬛	⊞
KBWY001	DN125 - 0,88 kW	1	-
KBWY002	DN160 - 1,86 kW	1	-
KBWY003	DN250 - 5,94 kW	1	-

Cooling hydronic coil for stand-alone installation
on energy recovery supply duct.
Consisting of a galvanized steel sheet frame
containing the heat exchange coil made
with copper pipes and aluminum fins.
Threaded connections with valves included
for air venting and coil drain.

ⓘ **INFO**

KBWY001:
0,88÷0,92 kW - DN125 connections.
For KHR 200 m3/h and KHRA-H 80 and 140 m3/h.
KBWY002:
1,63÷1,86 kW - DN160 connections.
For KHR 300, 400 and 500 m3/h and KHRA-H 200
and 300 m3/h.

KBE

PRODUCT CODE	SIZE	⬓	⊞
KBEY001	DN125 - 0,50 kW	1	-
KBEY002	DN160 - 1,00 kW	1	-
KBEY003	DN200 - 2,00 kW	1	-

Heating hydronic coil for stand-alone installation on supply air duct.
Consisting of a galvanized steel sheet frame containing an armored resistance.
Round flanges for easier installation in ducts.
Equipped with side electric box
(cable duct included) to access the internal components: automatic thermal protector;
 manual thermal protector; contactor;
±35 °C adjustable thermostat; terminal strip.
The thermostat installed on the coil enables to set the supply air temperature directly.

ⓘ **INFO**

KBEY001:
0,5 kW - DN125 connections.
For KHR 200 m3/h and KHRA-H 80 and 140 m3/h
KBEY002: 1,0 kW - DN160 connections.
For KHR 300,400 and 500 m3/h and KHRA-H 200 and 300 m3/h.

KHR-MP

PRODUCT CODE	SIZE	⬓	⊞
KMPY001	For KHR-V	1	-

Anti-vibration feet kit for KHR-V.

KDAMP

PRODUCT CODE	SIZE	⬓	⊞
KDAMPY125	24 V /DN125	1	-
KDAMPY160	24 V /DN160	1	-

0..10 V motorized round damper for KHRD-V, KHRD-H ventilation unit with energy recovery and dehumidification/integration.

ⓘ **INFO**

KDAMPY125:
for KHRD-V and KHRD-H
with total nominal air flow rate 300 and 400 m3/h.
KDAMPY160: for KHRD-V and KHRD-H
with total nominal air flow rate 500 and 600 m3/h.

❯ Spare parts for centralized HRV

KSR

PRODUCT CODE	SIZE	⬚	⊞
KSRY001	366 x 366 x 160 mm	1	-
KSRY002	366 x 366 x 270 mm	1	-
KSRY003	366 x 366 x 400 mm	1	-
KSRY004	232 x 481 x 490 mm	1	-
KSRY005	366 x 366 x 220 mm	1	-
KSRY006	758 x 533 x 375 mm	1	-
KSRY007K	232 x 461 x 200/490 mm	1	-

PRODUCT CODE	SIZE	⬚	⊞
KSRX001	366 x 366 x 160 mm	1	-
KSRX002	366 x 366 x 270 mm	1	-
KSRX003	366 x 366 x 400 mm	1	-
KSRX004	366 x 366 x 220 mm	1	-
KSRX005	232 x 461 x 490 mm	1	-
KSRX006K	232 x 461 x 200/490 mm	1	-
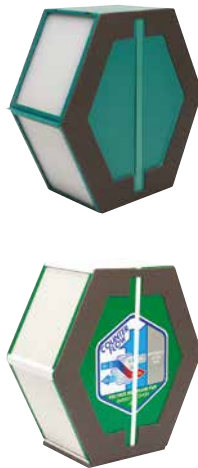
Polypropylene counter-flow static heat exchanger for high efficiency recovery of sensible heat (and latent heat in enthalpy version). Summer and winter operation. Easy to remove from ventilation unit for periodical inspection and maintenance.

ⓘ **INFO**

Standard exchanger
- KSRY001: for KHR-V/H 200 m3/h, KHR-VE and KHR-Z2
- KSRY002: for KHR-V 300 m3/h
- KSRY003: for KHR-V 400 and 500 m3/h
- KSRY004: for KHR-H 400 and 500 m3/h
- KSRY005: for KHR-H 300 m3/h
- KSRY006: for KHR-VL
- KSRY007K: for KHR-H 600 m3/h
Enthalpy exchanger
- KSRX001: for KHR-V/H 200 m3/h, KHR-VE, KHR-Z2, KHRD-V/H 300 m3/h, KHRW-V/H 300 m3/h and KHRW-H 600 m3/h
- KSRX002: for KHR-V 300 m3/h, KHRD-V/H and KHRW-V/H 500 m3/h
- KSRX003: for KHR-V 400 and 500 m3/h
- KSRX004: for KHR-H 300 m3/h
- KSRX005: for KHR-H 400 and 500 m3/h
- KSRX006K: for KHR-H 600 m3/h

KFR

PRODUCT CODE	SIZE	⬚	⊞
KFRY001	2 x ePM1/80%	1	-
KFRY002	2 x ePM1/70%	1	-
KFRY003	2 x ePM1/70%	1	-
KFRY004	2 x ePM1/70%	1	-
KFRY005	2 x ePM1/80% + 1 Coarse	1	-
KFRY006	2 x ePM1/70% + 1 Coarse	1	-
KFRY007	1 x Coarse	1	-
KFRY008	1 x Coarse	1	-
KFRY010	2 x ePM1/80%	1	-
KFRY011	2 x ePM1/80%	1	-
KFRY012	1 x Coarse	1	-
KFRY013	1 x Coarse	1	-
KFRY101	Kit of spare filters for KDPHY024 and KDPRHY024		
KFRY102	Kit of spare filters for KDSHY026 and KDSRHY026		
KFRY103	Kit of spare filters for KDSRHY350		
KFRY104	Kit of spare filters for KDSRY500.		
KFRY105	Kit of spare filters for KDVRWY300		
KFRY106	Kit of spare filters for KDVRAY300		
KFRY107	Kit of spare filters for KDVRAY360		
KFRY108	Kit of spare filters for KDVRAY500		
KFRY109	Kit of spare filters for KVY160		
KFRY110	Kit of spare filters for KVY300		
KFRY111	Kit of spare filters for KVY500		

KFRY001-004

KFRY005-08

Kit of standard spare filters for ventilation units.
Filters with reduced loss of pressure, easy to remove without tools for periodical maintenance or replacement, washable.
For KHRD monobloc units: polypropylene composite filters, pre-mounted upstream to the exchanger on fresh air intake and return air grille. Honeycomb polypropylene filter (on galvanized metal sheet frame and electro-welded containment meshes) pre-mounted on recycled air circuit.

For KMSD split module: honeycomb polypropylene filter (on galvanized metal sheet frame and electro-welded containment meshes) pre-mounted on recycled air circuit.

ⓘ **INFO**

KFRY001: Kit of 2 ISO ePM1/80% efficiency filters for KHR-V/H 200 m3/h, KHR-VE and KHR-Z2.
KFRY002: Kit of 2 ISO ePM1/70% efficiency filters for KHR-H 300 and 500 m3/h.
KFRY003: Kit of 2 ISO ePM1/70% efficiency filters for KHR-H 400 and 500 m3/h.
KFRY004: Kit of 2 ISO ePM1/70% efficiency filters for KHR-V 400 and 500 m3/h.
KFRY005: Kit of 2 ISO ePM1/80% efficiency filters + 1 ISO Coarse filter for KHRD 300 m3/h and for KHRW 300 and 600 m3/h.
KFRY006: Kit of 2 ISO ePM1/70% efficiency filters + 1 ISO Coarse filter for KHRD 500 m3/h and for KHRW 500 m3/h.
KFRY007: 1 ISO Coarse filter for KMSD, KMSW 300 m3/h. -
KFRY008: 1 ISO Coarse filter for KMSD 500 m3/h and KMSW 600 m3/h.
KFRY010: Kit of spare filters for CLEAN-AIR vertical units. -
KFRY011: Kit of spare filters for CLEAN-AIR horizontal units.
KFRY012: Spare pre-filter for CLEAN-AIR vertical units. -
KFRY013: Spare pre-filter for CLEAN-AIR horizontal units.

KFCA

PRODUCT CODE	SIZE	⬚	⊞
KFCAY001	ePM1/70% x KHRA 80 e 140 m3/h	1	-
KFCAY002	ePM2,5/70% x KHR 300 m3/h	1	-
KFCAY003	ePM2,5/60% x KHR-H 400, 500 m3/h	1	-
KFCAY004	ePM2,5/60% x KHR-V 400, 500 m3/h	1	-
KFCAY005	ePM1/70% x KHRD/KHRW 300,600m3/h	1	-
KFCAY006	ePM2,5/70% x KHRD/KHRW 500 m3/h	1	-
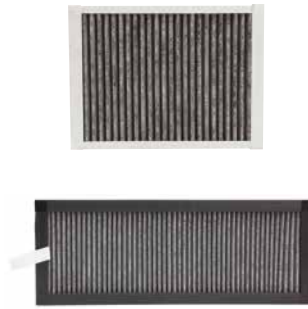
Spare activated-carbon filter made with polypropylene composite, reduced loss of pressure, easy to remove without tools for periodical maintenance or replacement, washable. Used as optional replacement for standard filters (one or both) pre-mounted upstream to the exchanger on ventilation units. It removes gaseous contaminants (VOC, PAC, ozone, SO2, NOx) to achieve the best IAQ (Indoor Air Quality).

ⓘ**INFO**

KFCAY001: ISO ePM1/70% efficiency filter for KHR 200 m3/h
KFCAY002: ISO ePM2,5/70% efficiency for KHR 300 m3/h
KFCAY003: ISO ePM2,5/60% efficiency for KHR-H 400 and 500 m3/h
KFCAY004: ISO ePM2,5/60% efficiency filter for KHR-V 400 and 500 m3/h
KFCAY005: ISO ePM1/70% efficiency filter for KHRD 300 m3/h and KHRW 300 and 600 m3/h
KFCAY006: ISO ePM2,5/70% efficiency filter for KHRD and KHRW 500 m3/h

KHRA2-UV

PRODUCT CODE	SIZE	⬚	⊞
KHRA2UV001	36 W - 230 Vac	1	-

Germicide UV lamp.
Spare part for Clean-Air energy recovery units.

KHR-C

PRODUCT CODE	SIZE	⬚	⊞
KHRCY201	WiFi /Black	1	-
KHRCY202	WiFi /White	1	-
KHRCY211	Modbus /Black	1	-
KHRCY212	Modbus /White	1	-
KHRCY502	T-H /White	1	-
KHRCY001	WiFi black - for CLEAN AIR	1	-
KHRCY002	WiFi white - for CLEAN AIR	1	-
KHRCY011	ModBus black - for CLEAN AIR	1	-
KHRCY012	ModBus white - for CLEAN AIR	1	-

Ventilation unit control panels.

ⓘ**INFO**

KHRCY201, KHRCY202, KHRCY211, KHRCY212: Digital remote control for KHR, KHRW and KMSW energy recovery units.
KHRCY502: Digital remote control for KHRD and KMSD energy recovery units.
KHRCY001, KHRCY002, KHRCY011, KHRCY012: Digital remote control for CLEAN AIR energy recovery units.

⟶ Pinch-point energy recovery units - decentralized HRV

KHRP

PRODUCT CODE	SIZE	⬚	⊞
KHRPMY050	DN160 - 50 m3/h - Master	1	-
KHRPSY050	DN160 - 50 m3/h - Slave	1	-
KHRPMY025	DN100 - 20 m3/h - Master	1	-
KHRPSY025	DN100 - 20 m3/h - Slave	1	-

Alternated-flow ventilation unit with energy recovery for high-efficiency decentralized Heat Recovery Ventilation (HRV) in single residential buildings (houses, offices, surgeries). Operational principle based on regenerative energy recovery through a ceramic exchanger inside the unit. The exchanger collects the heat released by the recycled ambient air and returns it by heating the air during the supply cycle. Unit designed for indoor horizontal installation with opening on external walls. Available as Master (unit with electronic control and control setting remote) and Slave (unit with no remote, fit for use with Master units with no direct wiring). Combined operation of 1 Master unit and up to 12 Slave units. Electronic control system for autonomous or coordinated operation of the installed appliances.

KHRP-F

PRODUCT CODE	SIZE	⬚	⊞
KHRPFY001	1 x Coarse	1	-

Spare filter for KHRP pinch-point energy recovery unit.

KHRP-R

PRODUCT CODE	SIZE	⬚	⊞
KHRPRY160	DN160 - For KHRPMY050, KHRPSY050	1	-
KHRPRY100	DN100 - For KHRPMY025, KHRPSY025	1	-

Spare ceramic heat exchanger for KHRP pinch-point energy recovery unit.

KHRP-I

PRODUCT CODE	SIZE	⬚	⊞
KHRPIY160	DN160 - For KHRPMY050, KHRPSY050	1	-
KHRPIY100	DN100 - For KHRPMY025, KHRPSY025	1	-

Insulation kit (rigid pipe and caps) for KHRP pinch-point energy recovery unit. Made with polypropylene foam (EPP), for thermal insulation of the energy recovery unit telescopic pipe to prevent thermal bridges and heat dispersions. It enables to install the recovery unit after completion of the construction works.

KHRP-A

PRODUCT CODE	SIZE	⬓	⊞
KHRPAY160	DN160 - For KHRPMY050, KHRPSY050	1	-
KHRPAY100	DN100 - For KHRPMY025, KHRPSY025	1	-

Angle outlet kit for KHRP energy recovery unit. For installation of the energy recovery unit perpendicularly to the supply/exhaust air flow from the external grille (for example, a window/door edge). Consisting of: external rectangular grid, rectangular-section flat pipe bar (to cut on site at the desired length), rectangular connector fitting for bar/grid connection, flat pipe - round pipe 90°-angle fitting for connection of telescopic bar-pipe to energy recovery unit.

KHRP-D

PRODUCT CODE	SIZE	⬓	⊞
KHRPDY001	174 x 174 mm	1	-

Wall mounting template with rapid disconnection system for KHRP pinch-point energy recovery unit. Convenient to inspect the recovery unit when disassembling the appliance through user-friendly nuts and without removing the wall-mount screws included. Varnished steel.

KHRP-E

PRODUCT CODE	SIZE	⬓	⊞
KHRPEY100	DN100 - For KHRPMY025, KHRPSY025	1	-
KHRPEY160	DN160 - For KHRPMY050, KHRPSY050	1	-

Exposed-design grid
for KHRP pinch-point energy recovery unit.
Made with plastic UV-resistant
anti-static material, deflector shell included.

KHRP-C

PRODUCT CODE	SIZE	⬓	⊞
KHRPCY001	230 x 230 mm - white steel	1	-
KHRPCY002	230 x 230 mm - black steel	1	-
KHRPCY003	230 x 230 mm - wood MDF	1	-

Exposed front cover for KHRP pinch-point energy recovery unit and KVP extraction fan.
Made with a variety of materials and finishing for a wide range of architectonic solutions.
Supplied with special installation screws to replace the front panel included with the ventilation unit.

KVP

PRODUCT CODE	SIZE		
KVPY001	DN100	1	-

Spot vacuum unit with constant flow rate
for constant or intermittent foul air extraction in
small/medium rooms such as bathrooms,
kitchens, laundries, offices and stores.
Fit for wall-mounting, ceiling or window-wall
installations with special accessory.
Available as duct-type unit.
Constant flow rate control through micro-switches
on unit-edge electronic board.
Optional operation with timers (basic or humidistat
timer) through accessory electronic boards.
Extraction air flow rate up to 80 m3/h.

KVP-G

PRODUCT CODE	SIZE		
KVPGY001	180 x 180 mm	1	-

Glass-surface installation kit
for KVP pinch-point extraction fan.
For convenient and safe installation
on glass surfaces up to 15 mm thick.

KVP-T

PRODUCT CODE	SIZE		
KVPTY001	Timer	1	-

VERTICAL

Additional electronic board for KVP spot
extraction fan. For temporized operation.
TIMER: It starts the vacuum unit when the light
or dedicated switch is turned on and it keeps
it activated when they are turned off for a time
programmable between 45 seconds
and 20 minutes, programmable through
an internal trimmer.
TIMER WITH HUMIDISTAT: It starts the vacuum
unit when the level of relative humidity inside the
room exceeds the activation set point and keeps
it running till the humidity level,
drops below such threshold.
When reaching the set point, the timing function
enables the vacuum unit to keep running
for a time programmable between 45 seconds
and 20 minutes so as to further reduce the relative
humidity inside the room.
The relative humidity threshold
an be set between 40-80%.
Manual vacuum unit available also with TIMER mode.

THERMAL ENERGY METERING

To ensure greater efficiency and reduce emissions, the centralised heating system is once again becoming popular.
For multi-residential applications our solutions energy metering together with individual thermoregulation, allow to combine the advantages of a centralised system with those of an autonomous one.

GIACOMINI
WATER E-MOTION

⟩ User modules

GE555

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L X H X D) mm	BALANCING	UNITS FOR DOMESTIC WATER METERS	▱	⊞
GE555Y461	G 3/4"F	500 x 500 x 110÷160	Only by-pass	2	1	-
GE555Y462	G 3/4"F	600 x 600 x 110÷160	Static	3	1	-
GE555Y463	G 1"F	600 x 600 x 110÷160	Static	3	1	-
GE555Y468	G 3/4"F	600 x 600 x 110÷160	Dynamic	3	1	-
GE555Y469	G 1"F	600 x 600 x 110÷160	Dynamic	3	1	-
GE555Y472	G 3/4"F	600 x 600 x 145÷195	Only by-pass - with double supply	2	1	-

User module for centralized heating and/or cooling systems.
- Shut-off ball valves
- Motorizable zone valve
- Guide rails for installation of domestic and/or service water metering units
- Plastic spacer for installation of thermal energy meter
- Box with terminal board for electric connections
- Housing for thermal energy meter supply temperature probe, built into the shut-off valve
- Painted sheet metal cabinet (RAL9010) with lockable door and adjustable frame depth
- Fittings for connection and fixing
- Max. working temperature 110 °C (90 °C with plastic spacer)
- Max. working pressure 16 bar (10 bar with plastic spacer).

ⓘ **INFO**

To complete the GE555 module, the following may be ordered separately:
- Thermal energy meter, GE552 series
- Units for domestic/service water, GE550 or GE550-1 series
- Actuator for commanding the zone valve, K270
- Insulation, GE551-4 series
- Components for M-Bus data centralization, GE552-4 series
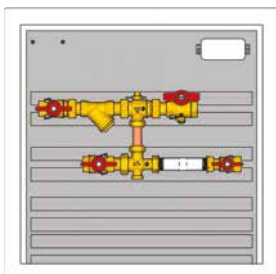
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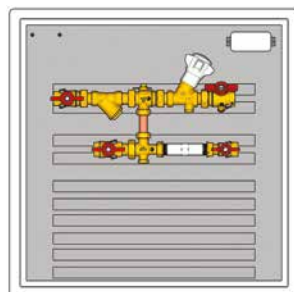
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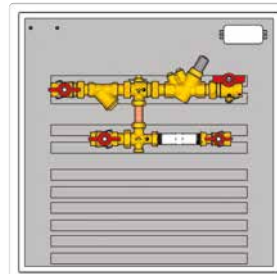
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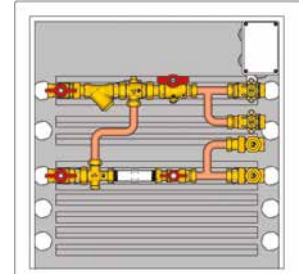
GE555Y472

GE555-2

FOR 2 APARTMENTS

PRODUCT CODE	CONNECTIONS	N° OF APARTMENTS	⬚	⊞
GE551Y040	3/4" or 1"	2	1	-

GE551Y040 metal cabinet.

It can be used as a multiuser module for centralized heating and/or cooling systems.

- Guide rails for installation of thermal energy metering units (maximum 2 outputs)
- Guide rails for installation of domestic and/or service water metering units (maximum 6 outputs)
- Boxes with terminal boards for electrical connections

Dimensions: 600 x 1100 x 110÷160 mm

ⓘ **INFO**

For use as a multiuser module for 2 apartments, the cabinet must be fitted with the following components:
- Thermal energy metering units, GE550-2 series
- Thermal energy meters, GE552 series
- Units for domestic/service water, GE550 series
- Actuator for commanding the zone valve, K270
- Insulation, GE551-4 series
- Components for M-Bus data centralization, GE552-4 series

FINISHING COMPONENTS, IN LIGHT GREY

SUPPLY	
RETURN	
HOT DOMESTIC WATER	
COLD DOMESTIC WATER	
SERVICE WATER	
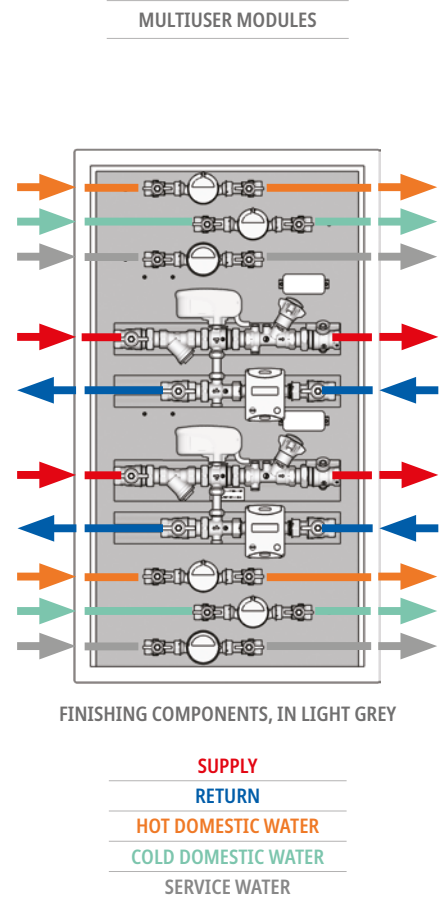
FOR 3 OR 4 APARTMENTS

PRODUCT CODE	CONNECTIONS	N° OF APARTMENTS	⬚	⊞
GE555Y135	1-1/4" x 3/4"	3	1	-
GE555Y136	1-1/4" x 3/4"	4	1	-

Multiuser module for centralized heating and/or cooling systems.

- Thermal energy metering units (3 or 4 depending on codes)
- Domestic metering units (3 or 4 depending on codes)
- Guide rails for installation of multiuser units (4 outputs) for service water
- Box with terminal board for electrical connections

Dimensions: 750 x 1500 x 190 mm

ⓘ **INFO**

To complete the multiuser module, the following may be ordered separately:
- Thermal energy meters, GE552 series
- Domestic/service water meters, GE552-2 series
- Multiuser unit (4 outputs) for service water, code GE550Y148
- Actuator for commanding the zone valve, K270
- Insulation, GE551-4 series
- Components for M-Bus data centralization (GE552-4 series)

FINISHING COMPONENTS, IN LIGHT GREY

SUPPLY	
RETURN	
HOT DOMESTIC WATER	
COLD DOMESTIC WATER	
SERVICE WATER	
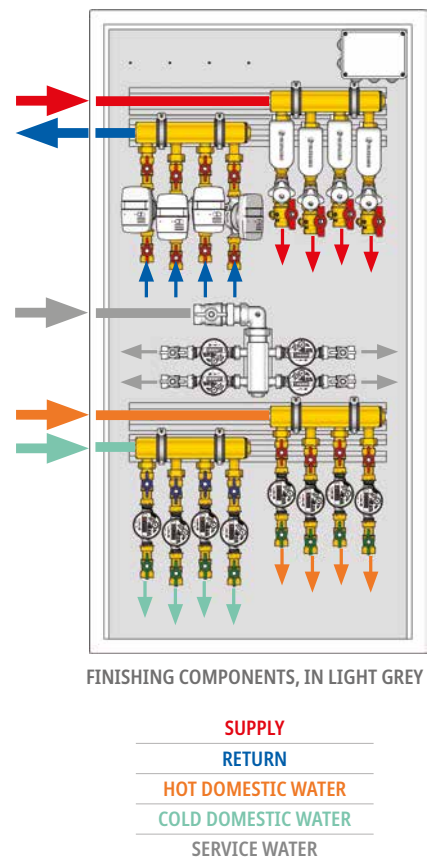
GE555-3

WITHOUT INSULATION, FOR HEATING

| PRODUCT CODE | CONNECTIONS | SECONDARY ZONES | | PUMP | | TEMPLATE | ⬓ | ⊞ |
		MIXED	NOT MIXED	NR.	TYPE			
GE555Y527	G 3/4"M	-	2	1	Wilo Para 15/7	GE551Y071	1	-
GE555Y538	G 3/4"M	1	1	1	Wilo Para 15/7	GE551Y071	1	-

WITH INSULATION, FOR HEATING AND COOLING

| PRODUCT CODE | CONNECTIONS | SECONDARY ZONES | | PUMP | | TEMPLATE | ⬓ | ⊞ |
		MIXED	NOT MIXED	NR.	TYPE			
GE555IY508	G 3/4"M	1	-	1	Wilo Para 15/7	GE551Y070	1	-
GE555IY516	G 3/4"M	-	1	1	Wilo Para 15/7	GE551Y070	1	-
GE555IY526	G 3/4"M	-	2	2	Wilo Para 15/7	GE551Y071	1	-
GE555IY536	G 3/4"M	1	1	2	Wilo Para 15/7	GE551Y071	1	-

User module for centralized HVCA systems, with pumps, complete with:
- Insulated hydraulic separator to hydraulically separate the primary and secondary circuits, equipped with drain cock, manual air vent and pressure gauge
- Double branch on the secondary circuit, for users with mixed water and/or not mixed water
- Electronic pump/s complying with the ErP Directive (2009/125/EC)
- Motorizable zone valve
- Pre-arrangement for housing the module inside a metallic template fitted with shut-off valves and guides for installing domestic and/or service water units
- Pre-arrangement for installation of thermal energy meter, through a plastic spacer
- Box with terminal block for electric connections
- Housing for supply temperature probe
- Fittings for connection and fixing
- Max. working temperature 90 °C
- Max. working pressure 10 bar

Dimensions of cabinets with template (L x H x D): 700 x 750 x 110÷140 mm

ⓘ **INFO**

To complete the GE555-3 module, the following may be ordered separately:
- GE552 thermal energy meter
- GE550 or GE550-1 unit outputs for domestic/service water
- K270 actuator for commanding the zone valve
- K281 actuator for commanding the mixing valve in combination with bus thermosetting or K282K stand-alone actuator
- GE551-2 template for installation on job site
- GE552-4 components for M-Bus data centralization

GE555Y527

GE555Y538

GE555Y461

GE555Y462 - GE555Y463

GE555Y468 - GE555Y469

GE555Y472

⟩ Heat interface units

GE556-SM

SM556B30200
STANDARD VERSION

SM556B30C00
COMPACT VERSION

NEW

Modular Heat Interface Units for metering of thermal energy consumptions in autonomous heating and Hot domestic water production (HDW) systems with centralized heat production (e.g. teleheating).
The HIUs can be configured based on the various system requirements, with primary circuit connections from top or bottom and a variety of exchangers for Hot domestic water production.
The versions available are:
- **standard**: for low or low/high-temperature heating systems;
- **compact**: for high-temperature heating systems.

Main characteristics
- Hydraulic connections: telescopic system with G 3/4"F swiveling flat-seat nut
- Primary circuit inlet: choice of top or bottom inlet
- Priority valve for domestic water production
- Thermostatic control valve for domestic water production
- Compact differential pressure control valve (40÷70 kPa) preset at 50 kPa
- Water hammer arrestor for domestic water circuit
- Insulation with polypropylene foam shell
- Fit for installation of thermal energy meter and domestic cold and hot water meter by replacing the brass spacers

Technical data
- Max. working temperature of primary and secondary circuit (heating and Hot domestic water): 90 °C
- Max. working pressure of primary circuit: 10 bar
- Max. differential pressure of primary circuit: 2 bar
- Max. differential pressure setting allowed for the differential pressure control valve: 50 kPa
- Max. working pressure of Hot domestic water circuit: 10 bar (min 2,5 bar)
- Temperature range of heating secondary circuit: 20÷70 °C (Set-point 45 °C)
- Temperature range of Hot domestic water secondary circuit: 20÷70 °C (Set-point 50 °C)
- 16, 26, 36 or 50-plate exchanger for Hot domestic water production

Dimensions: Standard HIU with connections from the top + template + cover: 610 x 890 x 200 mm
Compact HIU with connections from the top + template + cover: 485 x 890 x 200 mm
Standard HIU with connections from the bottom + template + cover: 610 x 785 x 200 mm
Compact HIU with connections from the bottom + template + cover: 485 x 830 x 200 mm
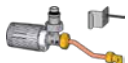
PRODUCT CODE	MAIN COMPONENTS												
	PRIMARY CONNECTIONS FROM TOP	PRIMARY CONNECTIONS FROM BOTTOM	16-PLATE EXCHANGER (34 KW)	26-PLATE EXCHANGER (42 KW)	36-PLATE EXCHANGER (50 KW)	50-PLATE EXCHANGER (50 KW)	LOW-TEMPERATURE HEATING (STANDARD VERSION)	LOW/HIGH-TEMPERATURE HEATING (STANDARD VERSION)	HIGH-TEMPERATURE HEATING (COMPACT VERSION)	WITHOUT THERMOSTATIC BY-PASS*	WITH THERMOSTATIC BY-PASS	▭	⊞
SM556A10100	✓		✓				✓			✓		1	-
SM556A101B0	✓		✓				✓				✓	1	-
SM556A10200	✓		✓					✓		✓		1	-
SM556A102B0	✓		✓					✓			✓	1	-
SM556A10C00	✓		✓						✓	✓		1	-
SM556A10CB0	✓		✓						✓		✓	1	-
SM556A20100	✓			✓			✓			✓		1	-
SM556A201B0	✓			✓			✓				✓	1	-
SM556A20200	✓			✓				✓		✓		1	-
SM556A202B0	✓			✓				✓			✓	1	-
SM556A20C00	✓			✓					✓	✓		1	-
SM556A20CB0	✓			✓					✓		✓	1	-
SM556A30100	✓				✓		✓			✓		1	-
SM556A301B0	✓				✓		✓				✓	1	-
SM556A30200	✓				✓			✓		✓		1	-
SM556A302B0	✓				✓			✓			✓	1	-
SM556A30C00	✓				✓				✓	✓		1	-
SM556A30CB0	✓				✓				✓		✓	1	-
SM556A50100	✓					✓	✓			✓			-
SM556A501B0	✓					✓	✓				✓		-
SM556A50200	✓					✓		✓		✓			-
SM556A502B0	✓					✓		✓			✓		-
SM556A50C00	✓					✓			✓	✓			-
SM556A50CB0	✓					✓			✓		✓		-
SM556B10100		✓	✓				✓			✓		1	-
SM556B101B0		✓	✓				✓				✓	1	-
SM556B10200		✓	✓					✓		✓		1	-
SM556B102B0		✓	✓					✓			✓	1	-
SM556B10C00		✓	✓						✓	✓		1	-
SM556B10CB0		✓	✓						✓		✓	1	-
SM556B20100		✓		✓			✓			✓		1	-
SM556B201B0		✓		✓			✓				✓	1	-
SM556B20200		✓		✓				✓		✓		1	-
SM556B202B0		✓		✓				✓			✓	1	-
SM556B20C00		✓		✓					✓	✓		1	-
SM556B20CB0		✓		✓					✓		✓	1	-
SM556B30100		✓			✓		✓			✓		1	-
SM556B301B0		✓			✓		✓				✓	1	-
SM556B30200		✓			✓			✓		✓		1	-
SM556B302B0		✓			✓			✓			✓	1	-
SM556B30C00		✓			✓				✓	✓		1	-
SM556B30CB0		✓			✓				✓		✓	1	-
SM556B50100	✓					✓	✓			✓			-
SM556B501B0	✓					✓	✓				✓		-
SM556B50200	✓					✓		✓		✓			-
SM556B502B0	✓					✓		✓			✓		-
SM556B50C00	✓					✓			✓	✓			-
SM556B50CB0	✓					✓			✓		✓		-

* The thermostatic by-pass is sold separately and can be purchased at a later time with product code GE550Y040 (see completion codes table)

To complete the GE556-SM HIU, the following may be ordered separately:

GE551Y099
Template with 7 shut-off valves, for standard low-temperature HIU

GE551Y097
Template with 7 shut-off valves, for compact high-temperature HIU

GE551Y185
Metal cover for standard HIU

GE551Y194
Metal cover for compact HIU

GE550Y040
Thermostatic by-pass kit for standard and compact HIU

GE500Y261
Pair of additional valves for delivery and return of high-temperature heating circuits, for HIU with low/high-temperature heating

R473/R473M
Thermo-electric actuator Normally Closed, for control of valves installed on HIUs
R473X221, R473MX221: 230 V
R473X222, R473MX222: 24 V

GE552, GE552-W
Thermal energy meter
GE552PY159: 3/4", volumetric, 1,5 m3/h, M-Bus

GE552-2
Domestic water meter
GE552Y190: 3/4", Cold domestic water
GE552Y191: 3/4", Hot domestic water

GE556

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER		
GE556Y301	G 3/4"M	Priority valve	44 kW	1	-
GE556Y302	G 3/4"M	Priority valve	58 kW	1	-
GE556Y303	G 3/4"M	Thermostatic command and dynamic balancing	58 kW	1	-
GE556Y314	G 3/4"M	Softened water management	44 kW	1	-

Heat Interface Unit (HIU) for centralized systems, for managing heating and Hot domestic water production.
- Heat exchanger for instantaneous production of Hot domestic water
- Filter and housing for supply temperature probe, on the primary side
- Motorizable zone valve and lockshield for static balancing, on the heating side
- Fit for housing the HIU inside a metallic template fitted with shut-off valves
- Plastic spacers for installation of thermal energy meter and domestic water meter
- Box with terminal board for electric connections
- Fittings for connection and fixing
- Max. working temperature: 90 °C
- Max. working pressure: 16 bar (10 bar with plastic spacer)

Dimensions: 540 x 390 x 155 mm
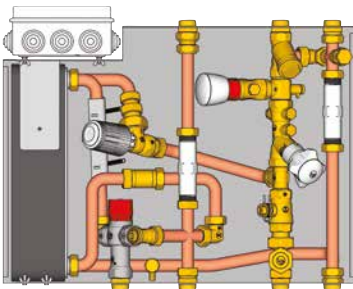
ⓘ **INFO**

To complete the GE556 HIU, the following may be ordered separately:
- Thermal energy meter, GE552 series
- Domestic water meter, GE552-2 series
- Actuator for commanding the zone valve, K270
- Template for installation in building site, GE551-2 series
- Additional valve kit (only for GE556Y314)
- Components for M-Bus data centralization, GE552-4 series

For all the versions, the exchanger power refers to the following operation conditions:
- Primary side 75 °C, flow rate 1 m³/h
- Secondary side 15-50 °C, 18 l/min
  (24 l/min for GE556Y302)

For the versions with big exchanger (GE556Y302), the power can be considered equal to 44kw to the following operating conditions:
- Primary side 65 °C, flow rate 1 m³/h
- Secondary side 15-50°C, 18 l/min

GE556Y301

GE556Y302

GE556Y303

GE556Y314

GE556-1

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER	TEMPLATES	◻	⊞
GE556Y181	G 3/4"F	Heating	17,4 kW	GE551Y091 GE551Y093	1	-
GE556Y184	G 3/4"F	Cooling	5 kW		1	-
GE556Y186	G 3/4"F	Heating / Domestic water production	17,4 kW / 67 kW	GE551Y092 GE551Y094	1	-
GE556Y187	G 3/4"F	Heating / Domestic water production	17,4 kW / 67 kW			

Heat Interface Unit (HIU) with double heat exchanger, for centralized systems for high and low temperature heating and hot domestic water production.

- Heat exchanger for the instantaneous production of Hot domestic water (only for GE556Y186/187).
- Self-regulating pump (ErP 2009/125/EC), expansion tank, safety valve, pressure gauge, pressure switch, air vent valve on heating/cooling side
- Thermostatic control of the heating temperature with the possibility of high and low temperature (only for GE556Y186/187).
- Motorized zone valve, on heating/cooling side
- Priority control in the production of Hot domestic water (only for GE556Y186/187).
- TMV2+TMV3+WRAS-certified anti-scalding thermostatic mixer (only for GE556Y186/187).
- Dynamic balancing valve, air vent valve and adjustable by-pass on primary side (except for the by-pass, there is no primary flow when the satellite is not active)
- Connections with adjustable tail pieces to facilitate installation.
- Fit for housing the HIU inside a metallic template fitted with shut-off valves.
- Fit for installation of thermal energy meter and domestic water meters.
- Box with terminal board for electric connections
- Max. working temperature: 90 °C.
- Max. working pressure:
  primary circuit: 16 bar
  HDW secondary circuit: 10 bar
  heating/cooling secondary circuit: 3 bar

Dimensions: 450 x 630 x 180 mm

ⓘ **INFO**

To complete the GE556-1 HIU, the following may be ordered separately:
- Thermal energy meter, GE552 series
- Domestic water meter, GE552-2 series
- Template for installation in worksite, GE551-2 series
- Components for M-Bus data centralization, GE552-4 series
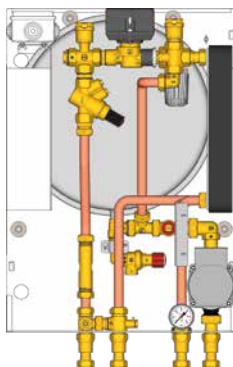
GE556Y181
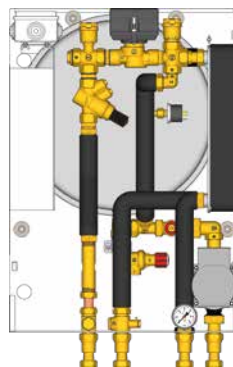
GE556Y184
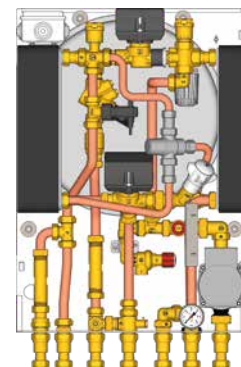
GE556Y186 - GE556Y187

GE556-2

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER	TEMPLATES	⬚	⊞
GE556Y403	G 3/4"F	Heating / Domestic water production	58 kW	GE551Y133 GE551Y134	1	-
GE556Y406	G 3/4"F	Heating / Domestic water production	67 kW	GE551Y133 GE551Y134	1	-

High-efficiency electronic Heat Interface Unit (HIU) for centralized systems, for managing high/low temperature heating and Hot domestic water production.

- Heat exchanger for the instantaneous production of HDW.
- Flow switch for Hot domestic water priority command.
- 3-way motorized priority valve and 2-way motorized mixing valve.
- Self-modulating pump (ErP 2009/125/EC).
- Filter and manual air-vent valve on primary side.
- Safety pressure switch for low pressure.
- Thermal safety valve on heating circuit.
- Electronic thermoregulation with Set-Point, for managing the Hot domestic water temperature and the heating temperature.
- Remote control with chronothermostat function (for single zone), to manage the parameters, with display (included - spare part code K480Y002).
- External temperature probe for climatic compansation.
- Box with terminal board and electric command.
- Connections with adjustable tail pieces to facilitate installation.
- Fit for installation of thermal energy meter and domestic water meters.
- Heating temperature range: low temperature 25÷45 °C/high temperature 25÷85 °C.
- HDW temperature range: 30÷60 °C (Set-point 50 °C).
- Max. working temperature: 90 °C.
- Max. working pressure: 10 bar.

Dimensions: 450 x 630 x 180 mm

ⓘ **INFO**

To complete the GE556-2 HIU, the following may be ordered separately:
- Thermal energy meter, GE552 series
- Domestic water meter, GE552-2 series
- Templates for installation in worksite, GE551-2 series
- Components for M-Bus data centralization GE552-4 series
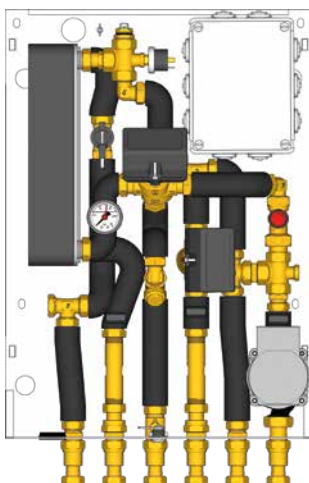
GE556Y403 - GE556Y406

K480Y002

Thermostat with remote command. provided with the HIU

ENERGY SAVING FEATURES
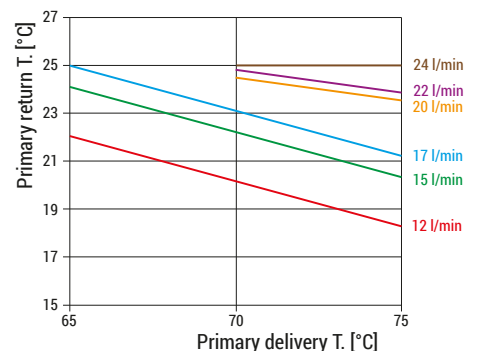
Low return temperatures of primary side, in heating operation

GE556-3

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER		
GE556Y152	G 3/4"F	Domestic water production	56 kW	1	-

Heat interface unit (HIU) with heat exchanger for the production of hot domestic water.
- Heat exchanger for the instantaneous production of hot domestic water.
- Thermostatic mixer.
- Static balancing valve.
- Check valve NF approved on the domestic water circuit.
- Pre-arrange for installing a thermal energy meter and a domestic water meters.

PRIMARY SIDE
- Max. working temperature: 90 °C
- Max. working pressure: 16 bar

DOMESTIC WATER SIDE
- Max. working temperature: 30 °C (cold side)
- Max. working pressure: 10 bar

Dimensions (L x H x D): 330 x 350 x 120 mm

ⓘ **INFO**

To complete the GE556-3 HIU, the following may be ordered separately:
- Thermal energy meter, GE552 series.
- Domestic water meters, GE552-2 series.
- Components for M-Bus data centralization, GE552-4 series
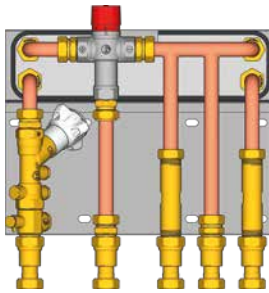
GE556Y152

GE556-4

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER	TEMPLATES	▢	⊞
GE556Y320	G 3/4"M	High temperature heating/ Domestic water production	56 kW	GE551Y075	1	-
GE556Y321	G 3/4"M	High temperature heating/ Domestic water production	67 kW	GE551Y075	1	-
GE556Y322	G 3/4"M	Low temperature heating/ Domestic water production	56 kW	GE551Y075	1	-
GE556Y323	G 3/4"M	Low temperature heating/ Domestic water production	67 kW	GE551Y075	1	-

Heat Interface Unit (HIU) for centralized systems, for managing high/low temperature heating and hot domestic water production.

- Heat exchanger for instantaneous production of Hot domestic water
- Flow switch for Hot domestic water priority control
- Motorized three-way diverting valve
- Self-modulating pump complying with Directive ErP 2009/125/EC (only for GE556Y322-323)
- Static balancing valve (only for GE556Y320-321)
- Thermostatic valve for adjusting the Hot domestic water and heating temperature
- By-pass on the domestic water primary side to keep the exchanger warm
- Automatic air vent valve with hygroscopic gasket, filter and manometer on the primary side
- Safety pressure switch for low pressure on the primary side (only for GE556Y322-323)
- Differential pressure control valve on the primary side
- Safety valve with electrical actuator on the heating side
- Box with terminal board for electric connections
- Brass spacers for installation of thermal energy meter and domestic water meter
- Max. working temperature: 90 °C
- Max. working pressure: 10 bar

Dimensions: 450 x 630 x 180 mm

ⓘ **INFO**

To complete the GE556-4 HIU, the following may be ordered separately:
- Thermal energy meter, GE552 series
- Domestic water meter, GE552-2 series
- Templates for installation in building site, GE551-2 series
- Components for M-Bus data centralization, GE552-4 series
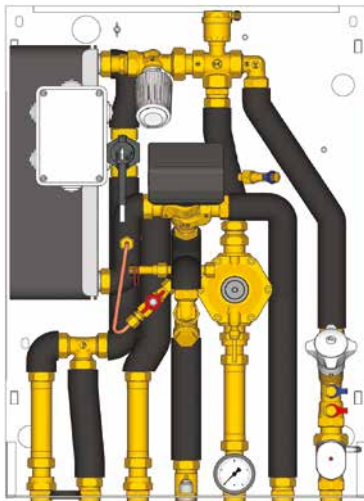
GE556Y320 - GE556Y321
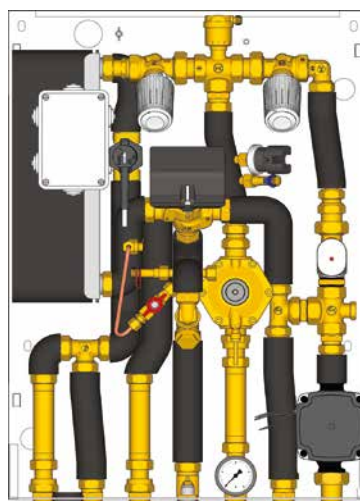
GE556Y322 - GE556Y323

GE556-6

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER	TEMPLATES	☐	⊞
GE556Y413	G 3/4"F	Heating / Domestic water production	56 kW	GE551Y135 GE551Y136	1	-
GE556Y416	G 3/4"F	Heating / Domestic water production	67 kW	GE551Y135 GE551Y136	1	-

Electronic Heat Interface Unit (HIU), for managing high/low temperature heating and Hot domestic water production.
- Double heat exchanger in parallel configuration: heating and DWH production, with priority for HDW production
- Electronic thermoregulation unit with Set-Point, for managing the Hot domestic water temperature and the heating temperature.
- Remote control with chronothermostat function (for single zone), to manage the parameters, with display (included - spare part code K480Y002).
- Flow switch for Hot domestic water priority command.
- 3-way priority valve on the primary circuit supply.
- 2-way modulating valve on the the primary circuit return.
- Self-modulating pump (ErP 2009/125/EC).
- Filter and manual air vent valve on primary circuit.
- Safety valve on heating side.
- Safety pressure switch for low pressure on the primary circuit.
- Fully insulated pipes and exchangers.
- Box with terminal board and electric command.
- Multizone additional control by the free contact on the electronic board (additional thermostats to be ordered separately).
- Connections with adjustable tail pieces to facilitate installation.
- Pre-rrangement for installation of thermal energy meter and domestic water meters.
- Heating temperature range: low temperature 25÷45 °C / high temperature 25÷85 °C.
- HDW temperature range: 30÷60 °C (Set-point 50 °C).
- Max. working temperature 90 °C.
- Max. working pressure:
primary circuit: 10 bar
HDW secondary circuit: 10 bar
heating secondary circuit: 4,5 bar

Dimensions: 460 x 630 x 270 mm
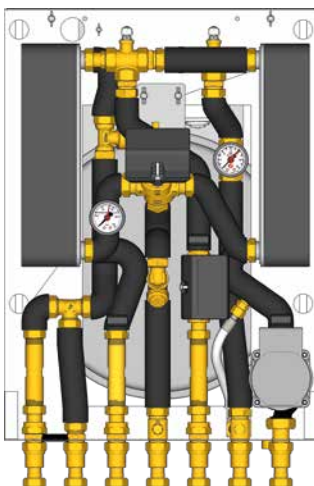
ⓘ **INFO**

To complete the GE556-6 HIU, the following may be ordered separately:
- Thermal energy meter, GE552 series
- Domestic water meter, GE552-2 series
- Templates for installation in worksite, GE551-2 series
- Components for M-Bus data centralization, GE552-4 series

ENERGY SAVING FEATURES
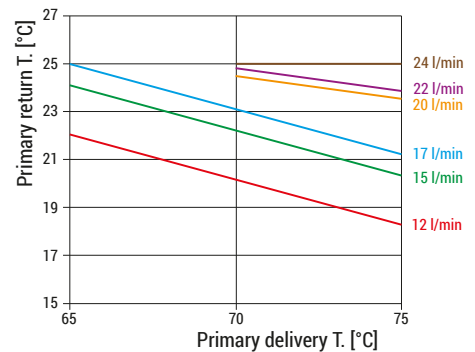
Low return temperatures of primary side, in heating operation

K480Y002

Thermostat with remote command. provided with the HIU

GE556Y413 - GE556Y416

⊘ Unit outputs

GE550

PRODUCT CODE	CONNECTIONS	TYPE OF DOMESTIC WATER	PERMANENT FLOW-RATE m³/h	MAX. WATER TEMPERATURE	WATER METER	COLLARS	UNITS LENGTH mm	⬚	⊞
GE550Y004	3/4"	cold	2,5	30 °C	YES	included	262	1	-
GE550Y005	1"	cold	4	30 °C	YES	included	310	1	-
GE550Y014	3/4"	hot	2,5	90 °C	YES	included	262	1	-
GE550Y015	1"	hot	4	90 °C	YES	included	310	1	-
GE550Y008	3/4"	cold - service water	2,5	30 °C	YES	included	262	1	-
GE550Y101	3/4"	cold	-	-	NO	included	262	1	-
GE550Y102	1"	cold	-	-	NO	included	310	1	-
GE550Y103	3/4"	hot	-	-	NO	included	262	1	-
GE550Y104	1"	hot	-	-	NO	included	310	1	-

Domestic water metering units.
- Shut-off ball valves
- Check valve integrated with the shut-off ball valve (green handle)
- Available with or without water meter
- Max. working temperature:
  30 °C for cold domestic water
  90 °C for hot domestic water
- Max. working pressure: 16 bar (10 bar with plastic spacer)
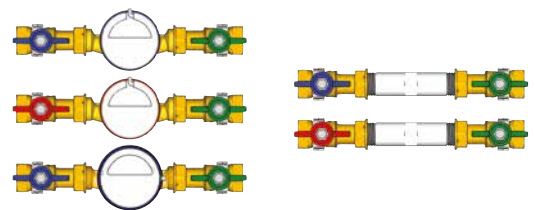
GE550Y004 - GE550Y005
GE550Y014 - GE550Y015
GE550Y008

GE556Y411 - GE556Y412

GE550-1

PRODUCT CODE	CONNECTIONS	TYPE OF DOMESTIC WATER	PERMANENT FLOW-RATE m³/h	MAX. WATER TEMPERATURE	WATER METER	COLLARS	UNITS LENGTH mm	⬚	⊞
GE550Y024	3/4"	cold + hot	2,5	90 °C (hot side)	YES	included	420	1	-
GE550Y111	3/4"	cold + hot	2,5	90 °C (hot side)	NO	included	420	1	-

Domestic water metering units, with thermostatic mixer.
- Shut-off ball valves
- Check valve
- Available with or without water meter
  - Max. working temperature:
  30 °C on cold domestic water side
  90 °C on hot domestic water side
- Max. working pressure: 16 bar (10 bar with plastic spacer)

GE550Y024

GE550Y111

GE550-2

SUPPLY UNITS

PRODUCT CODE	CONNECTIONS	NOMINAL FLOW-RATE m³/h	ZONE VALVES	BALANCING VALVES	FILTER	COLLARS	UNITS LENGTH mm	▢	⊞
GE550Y121	3/4"	1,5	NO	NO	YES	included	264	1	-
GE550Y122	1"	2,5	NO	NO	YES	included	316	1	-
GE550Y123	3/4"	1,5	2 ways	NO	NO	included	237	1	-
GE550Y124	3/4"	1,5	2 ways	NO	YES	included	320	1	-
GE550Y125	1"	2,5	2 ways	NO	YES	included	371	1	-
GE550Y135	1"	2,5	2 ways	YES	YES	included	508	1	-
GE550Y136	3/4"	1,5	2 ways	YES	YES	included	439	1	-
GE550Y137	3/4"	1,5	NO	YES	NO	included	264	1	-
GE550Y138	3/4"	1,5	NO	YES	YES	included	345	1	-
GE550Y139	1"	2,5	NO	YES	YES	included	411	1	-

Supply metering units for use in heating and/or cooling circuits.
- Shut-off ball valves
- Depending on the version, there are connections of 3/4" or 1", a motorized zone valve, a static balancing valve and a filter
- Max. working temperature: 110 °C
- Max. working pressure: 16 bar

GE550Y121 - GE550Y122   GE550Y123   GE550Y124 - GE550Y125   GE550Y135 - GE550Y136   GE550Y137   GE550Y138 - GE550Y139

RETURN UNITS

PRODUCT CODE	CONNECTIONS	NOMINAL FLOW-RATE m³/h	PLASTIC SPACER	COLLARS	UNITS LENGTH mm	SPACER CENTRE DISTANCE mm	▢	⊞
GE550Y129	3/4"	1,5	YES	included	254	110	1	-
GE550Y130	1"	2,5	YES	included	300	130	1	-

Return metering units for use in heating and cooling circuits.
- Shut-off ball valves
- Plastic spacer for installation of thermal energy meter
- Max. working temperature: 110 °C (90 °C with plastic spacer)
- Max. working pressure: 16 bar (10 bar with plastic spacer)

GE550Y129 - GE550Y130

SUPPLY AND RETURN UNITS

PRODUCT CODE	CONNECTIONS	NOMINAL FLOW-RATE m³/h	ZONE VALVES	BALANCING VALVES	COLLARS	UNITS LENGTH mm	SPACER CENTRE DISTANCE mm	▢	⊞
GE550Y166	3/4"	1,5	3 ways	NO	included	422	110	1	-
GE550Y167	1"	2,5	3 ways	NO	included	491	130	1	-
GE550Y168	3/4"	1,5	3 ways	static	included	453	110	1	-
GE550Y169	1"	2,5	3 ways	static	included	491	130	1	-
GE550Y170	3/4"	1,5	3 ways	dynamic	included	444	110	1	-
GE550Y171	1"	2,5	3 ways	dynamic	included	490	130	1	-

Supply & return metering units, for use in heating and cooling circuits.
- Shut-off ball valves, may be sealed, can be plumbed
- Filter with basket in stainless steel
  -Plastic spacer for installation of thermal energy meter
- Depending on the version, 3/4" and 1" connections,
  and static or dynamic balancing valves are available
- Max. working temperature: 110 °C (90 °C, with plastic spacer pipe)
- Max. working pressure: 16 bar (10 bar with plastic spacer pipe)

GE550Y166 - GE550Y167   GE550Y168 - GE550Y169   GE550Y170 - GE550Y171

GE550-3

Supply & return metering units.
- Max. working temperature 110 °C (90 °C with plastic spacer)
- Max. working pressure 16 bar (10 bar with plastic spacer)

GE550Y147 - GE550Y117
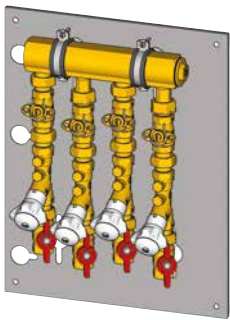
Supply HVAC units.
- Guides to move the position of the collars in vertical direction
- Zone valves (motorizable with K270 actuators)
- Static balancing valves
- Shut-off ball valves with housing for thermal energy meter supply temperature probe
- Possibility of installation of the fifth zone (code GE550Y094)

Frame dimensions: 390 x 495 x 160 mm

PRODUCT CODE	CONNECTIONS	ZONES	⬚	⊞
GE550Y147	1-1/4" x 3/4"	4	1	-
GE550Y117	1-1/4" x 3/4"	3	1	-

GE550Y146 - GE550Y116
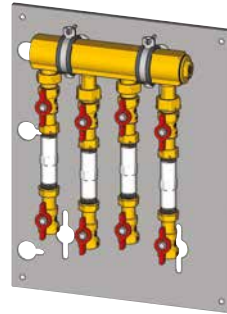
Return HVAC units.
- Guides to move the position of the collars in vertical direction
- Plastic spacer for installation of 3/4" thermal energy meters, GE552 series
- Shut-off ball valve
- Possibility of installation of the fifth zone (code GE550Y093)

Frame dimensions: 390 x 495 x 110 mm

PRODUCT CODE	CONNECTIONS	ZONES	⬚	⊞
GE550Y146	1-1/4" x 3/4"	4	1	-
GE550Y116	1-1/4" x 3/4"	3	1	-

GE550Y145 - GE550Y115
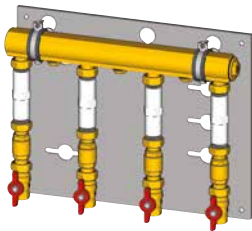
Supply HVAC units.
- Guides to move the position of the collars in vertical direction
- Plastic spacer for installation of pump 15/7
- Increased port check valves (size 1")
- Shut-off ball valves with housing for thermal energy meter supply temperature probe
- Possibility of installation of the fifth zone (code GE550Y092)

Frame dimensions: 495 x 390 x 115 mm

PRODUCT CODE	CONNECTIONS	ZONES	⬚	⊞
GE550Y145	1-1/4" x 3/4"	4	1	-
GE550Y115	1-1/4" x 3/4"	3	1	-

GE550Y144 - GE550Y114
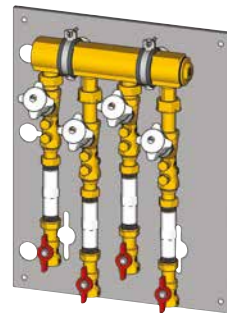
Return HVAC units.
- Guides to move the position of the collars in vertical direction
- Static balancing valves
- Plastic spacer for installation of 3/4" thermal energy meters, GE552 series
- Shut-off ball valve
- Possibility of installation of the fifth zone (code GE550Y091)

Frame dimensions: 390 x 495 x 160 mm

PRODUCT CODE	CONNECTIONS	ZONES	⬚	⊞
GE550Y144	1-1/4" x 3/4"	4	1	-
GE550Y114	1-1/4" x 3/4"	3	1	-

GE550Y112 - GE550Y113
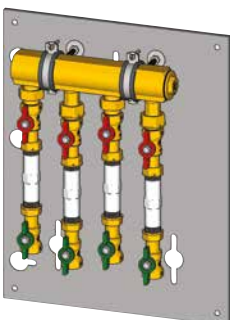
Domestic water units.
- Guides to move the position of the collars in vertical direction
- Plastic spacer for installation of 3/4" water meters, GE552-2 series
- Shut-off ball valves, upstream and downstream of the spacer
- Shut-off valves with check valves (green T-handle)
- Possibility of installation of the fifth zone (code GE550Y090)

Frame dimensions: 390 x 495 x 160 mm

PRODUCT CODE	CONNECTIONS	ZONES	⬚	⊞
GE550Y112	1-1/4" x 3/4"	4	1	-
GE550Y113	1-1/4" x 3/4"	3	1	-

GE550-R1

Multiuser unit for HVAC systems.
- Filter
- Static balancing valve
- Differential pressure control valve
- Brass spacer on the return, for installation of GE552 thermal energy meters
- Distribution manifolds with automatic air vent and drain cock

Dimensions: 585÷985 x 390 x 110 mm

PRODUCT CODE	CONNECTIONS	ZONES	⬚	⊞
GE550Y192	3/4" x B.18	2	1	-
GE550Y193	3/4" x B.18	3	1	-
GE550Y194	3/4" x B.18	4	1	-
GE550Y195	3/4" x B.18	5	1	-
GE550Y196	3/4" x B.18	6	1	-
GE550Y197	3/4" x B.18	7	1	-
GE550Y198	3/4" x B.18	8	1	-
GE550Y199	3/4" x B.18	9	1	-
GE550Y200	3/4" x B.18	10	1	-

GE553

PRODUCT CODE	CONNECTIONS	ZONES	⬓	⊞
GE553Y132	1″ x 3/4″	2	1	-
GE553Y133	1″ x 3/4″	3	1	-
GE553Y134	1″ x 3/4″	4	1	-
GE553Y135	1″ x 3/4″	5	1	-
GE553Y136	1″ x 3/4″	6	1	-
GE553Y232	1-1/4″ x 3/4″	2	1	-
GE553Y233	1-1/4″ x 3/4	3	1	-
GE553Y234	1-1/4″ x 3/4	4	1	-
GE553Y235	1-1/4″ x 3/4	5	1	-
GE553Y236	1-1/4″ x 3/4	6	1	-
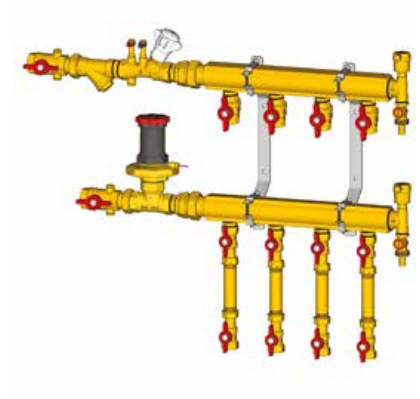
Multiuser unit for HVAC systems.

- Filter
- Static balancing valve
- Differential pressure control valve
- Brass spacer on the return outputs, for installation of GE552 thermal energy meters
- Distribution manifolds with automatic air vent and drain cock

Dimensions (L x H x D): 625÷1100 x 660 x 120 m

Basic units and accessories (boxes, templates, insulations, other components)

GE551

Flush-mounting cabinets in painted sheet metal (RAL9010).
- Lockable door
- Adjustable frame depth
- Front and side holes for the system transfer pipes with closure caps
- Box with fairlead for electrical components

PRODUCT CODE	DIMENSIONS (L x H x D) mm	AREAS FOR UNITS FOR HEAT/ COND.	GUIDES FOR DOMESTIC UNITS	⊡	⊞
GE551Y031	750 x 1500 x 190	3÷4	3÷4	1	-
GE551Y038	500 x 500 x 110	1	2	1	-
GE551Y039	600 x 600 x 110	1	3	1	-
GE551Y040	600 x 1100 x 110	2	6	1	-

GE551-1

Electro-galvanised metallic frame pre-arranged for the installation of metering units for heating and/or cooling, and units for domestic and/or service water.

PRODUCT CODE	DIMENSIONS (L x H x D) mm	AREAS FOR UNITS FOR HEAT/ COND.	GUIDES FOR DOMESTIC UNITS	⊡	⊞
GE551Y154	500 x 500 x 10	1	3	1	-

GE551-2

TEMPLATES FOR USER MODULES WITH HYDRAULIC SEPARATOR, GE555-3
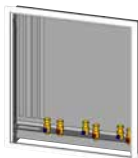
Flush-mounting template for installation at the worksite of GE555-3 modules. Completed with shut-off valves.

GE551Y070   GE551Y071

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE	⊡	⊞
GE551Y070	G 3/4"F	700 x 750 x 110÷140	4	1	-
GE551Y071	G 3/4"F	700 x 750 x 110÷140	6	1	-

TEMPLATES FOR STANDARD HIU, GE556

Flush-mounting template for installation at the worksite of GE556 HIUs. Completed with shut-off valves.

GE551Y073

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE	⊡	⊞
GE551Y073	G 3/4"F	570 x 770 x 165	7	1	-

GE551-2

TEMPLATES FOR HIU WITH ELECTRONIC REGULATION, GE556-1

GE551Y091   GE551Y092   GE551Y093   GE551Y094

Template for installation at the worksite of GE556-1 HIUs. Completed with shut-off valves.

GE551Y091, GE551Y092: or connections from below. GE551Y093, GE551Y094: or connections from above (on the back of the template).

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE	▢	▦
GE551Y091	G 3/4"M	450 x 805 x 150	4	1	-
GE551Y092	G 3/4"M	450 x 805 x 150	7	1	-
GE551Y093	Ø22	450 x 870 x 185	4	1	-
GE551Y094	Ø22	450 x 870 x 185	7	1	-

TEMPLATES FOR HIU WITH ELECTRONIC REGULATION AND DOUBLE EXHANGER, GE556-6

GE551Y135   GE551Y136

Template for installation at the worksite of GE556-6 HIUs. Completed with shut-off valves.

GE551Y135: with connection from above (on the back side of the template). GE551Y136: with connection from below.

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE	▢	▦
GE551Y135	Ø22	460 x 845x 220	7	1	-
GE551Y136	G 3/4"M	460 x 75 x 180	7	1	-

TEMPLATES FOR HIU WITH ELECTRONIC REGULATION, GE556-2

GE551Y133   GE551Y134

Template for installation at the worksite of GE556-2 HIUs. Completed with shut-off valves.
GE551Y133: template without frame.
GE551Y134: raised template with frame.

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE	▢	▦
GE551Y133	G 3/4"M	450 x 75 x 90	6+1 optional	1	-
GE551Y134	G 3/4"M	450 x 770 x 90	6+1 optional		

TEMPLATES FOR HIU WITH DIFFERENTIAL PRESSURE CONTROL VALVE, GE556-4

Template for installation at the worksite of GE556-4 HIUs. Completed with shut-off valves.

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE	▢	▦
GE551Y075	G 3/4"F	450 x 292 x 95	7	1	-

GE551-3
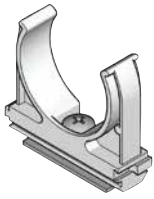
Plastic collars, for fastening metering units for heating and/or cooling and for Domestic and/or service water units.

PRODUCT CODE	DIMENSIONS	USE	⬚	⊞
GE551Y002	DN25	For 3/4" outputs	1	-
GE551Y003	DN32	For 3/4" outputs	1	-
GE551Y004	DN40	For 1" outputs	1	-

GE551-4

Insulation for the heating and/or cooling supply unit GE550Y136.

GE551Y171

PRODUCT CODE	DIMENSIONS	⬚	⊞
GE551Y171	450 x 250 x 90 mm	1	-

Insulation for domestic water meter, GE552-2 series, only for 3/4" sizes.

GE551Y173

PRODUCT CODE	DIMENSIONS	⬚	⊞
GE551Y173	170 x 90 x 65 mm	1	-

Insulation for the GE555Y461 module and heating and/or cooling supply and return unit GE550Y166.

GE551Y177

PRODUCT CODE	DIMENSIONS	⬚	⊞
GE551Y177	465 x 125 x 90 mm	1	-

Insulation for the GE555Y462, GE555Y463, GE555Y468, GE555Y469 modules and heating and/or cooling supply units GE550Y167, GE555Y168, GE555Y169, GE555Y170, GE555Y171.

GE551Y178

PRODUCT CODE	DIMENSIONS	⬚	⊞
GE551Y178	530 x 250 x 90 mm	1	-

Insulation for metering units GE550-3 with 70 mm centre distance (codes GE550Y112, GE550Y113, GE550Y114, GE550Y116, GE550Y117, GE550Y144, GE550Y146, GE550Y147)

GE551Y179

PRODUCT CODE	DIMENSIONS	⬚	⊞
GE551Y179	300 x 110 x 80 mm	1	-

Insulation for HIUs GE556Y186, GE556Y187.

GE551Y180

PRODUCT CODE	DIMENSIONS	⬚	⊞
GE551Y180	300 x 430 x 100 mm	1	-

Insulation for GE556Y152 HIU.

GE551Y181

PRODUCT CODE	⬚	⊞
GE551Y181	1	-

Insulation for GE555Y472 module

GE551Y182

PRODUCT CODE	⬚	⊞
GE551Y182	1	-

Insulation for GE556Y301, GE556Y302 HIUs.

GE551Y183

PRODUCT CODE	⬚	⊞
GE551Y183	1	-

◗ Thermal energy meters, water meters

GE552

PRODUCT CODE	NOMINAL FLOW RATE m³/h	MAX. FLOW RATE m³/h	CONNECTIONS		CENTER DISTANCE mm	POWER SUPPLY	CENTRALIZATION	▱	⊞
GE552PY158	0,6	1,2	DN15	3/4"	110	Battery	Wired M-Bus	1	-
GE552PY159	1,5	3,0	DN15	3/4"	110	Battery	Wired M-Bus	1	-
GE552PY160	2,5	5,0	DN20	1"	130	Battery	Wired M-Bus	1	-

Volumetric thermal energy meter, double register, pre-arranged for M-Bus centralization.
Programmable version:during activation, indicate the position of meter installation,
supply or return
- Splittable display from the volumetric part.
- 3 pulse inputs for domestic water meters and 2 temperature probes (supply and return).
- Double Long Life battery (10 years)
- Maximum working temperature 90 °C.
- Maximum working pressure 16 bar.
- EC mark.
- Certified according to the MID directive 2014/32/EU.

NEW

GE552-2

PRODUCT CODE	PERMANENT FLOW RATE m³/h	CONNECTIONS		DOMESTIC WATER TYPE	WATER MAX. TEMPERATURE °C	CENTER DISTANCE mm	CENTRALIZATION	▱	⊞
GE552Y190	2,5	DN15	3/4"	Cold	30°C	110	Pulse output	1	-
GE552Y195	4,0	DN20	1"	Cold	30°C	130	Pulse output	1	-
GE552Y191	2,5	DN15	3/4"	Hot	90°C	110	Pulse output	1	-
GE552Y196	4,0	DN20	1"	Hot	90°C	130	Pulse output	1	-

Single jet water meter for domestic water and/or service water.
- Pre-arranged for M-Bus cetralization via pulse output (REED contact).
- Maximum working temperature:
  30 °C for cold domestic water;
  90 °C for hot domestic water.
- Maximum working pressure 16 bar.
- EC mark.
- Certified according to the MID directive 2014/32/EU.

GE500

PRODUCT CODE	FEATURE	THERMAL ENERGY METER	▱	⊞
GE500Y401	M10x1 - Brass	GE552PY158 - GE552PY159 - GE552PY160	1	-
GE500Y402	M10x1 - Plastic	GE552PY158 - GE552PY159 - GE552PY160	1	-

Spare part probe holder kit for thermal energy meters.

DATA CENTRALIZATION WITH M-BUS

The European Parliament and Council of the European Union have adopted Directive 2014/32/EU concerning measurement instruments (MID – Measurement Instrument Directive): it sets the requirements for a set of devices and measurement systems in order to be marketed and operated in UE countries.

All measurement devices used in modules and HIUs comply with MID European Directive.
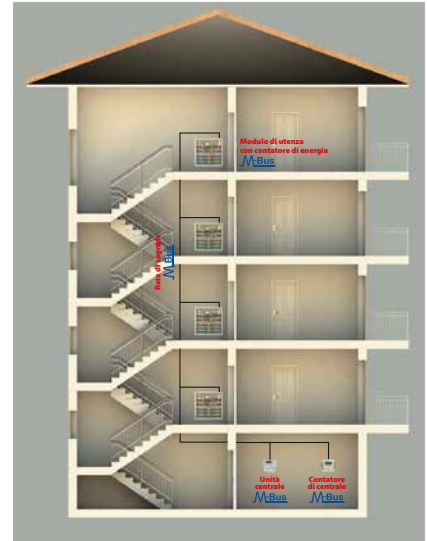
COMPLIANCE WITH MID DIRECTIVE (2014/32/EU)

The use of measurement instruments suitable for the recording of consumption data is particularly important for the aspects that involves, as the consumer and environment protection, the fair expense sharing out, the imposition of taxes or the correctness of the commercial transactions. For this reason, the Countries of the European Union have acknowledged MID Directive (2014/32/EU) that defines the requirements to which the measurement instruments shall comply with to be marketed or started.

The range of Giacomini's modules and user HIUs includes exclusively measurement devices complying with the Directive, as attested on them by the presence of the MID metrological marking close by the CE marking.

METROLOGICAL MARKING

Compliance of measurement devices with all provisions of D.Lgs. 2nd February 2007 n.22 is certified by the presence, on them, of CE marking and of metrology marking composed of letter "M" and of the last two digits of the year of production.

OMS: Open Metering System

The Open Metering System (OMS) is the only specification in Europe intended to integrate the instruments for measuring various elements, to guarantee their interoperability and future operation. The water and heat meters and the heat cost allocators using an open communication standard are interchangeable regardless of the producer and guarantee maximum safety and data protection levels.

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