

“INNOVATION FINDS SOLUTIONS, QUALITY GENERATES PROGRESS”



Energy Management



Radiant Systems



Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems



Fire Protection

2022

CATALOGUE INTERNATIONAL



GIACOMINI
WATER E-MOTION

CATALOGUE

2022



Energy
Management



Radiant
Systems



Water
Management



Gas
Distribution



Renewable
Sources



Hydrogen
Systems



Fire
Protection



GIACOMINI
WATER E-MOTION

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Valves with flanged connections

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Air distribution components (plenum and manifolds, air diffusers and grids, ducts and fittings..)
Spare parts for centralized HRV - Pinch-point heat recuperators (decentralized HRV)

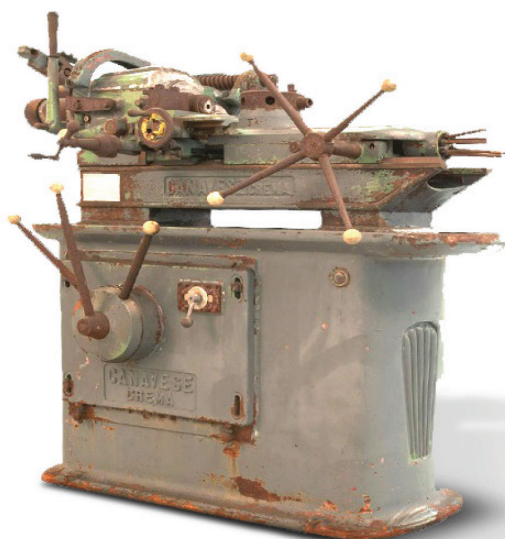
Chapter 10

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“A 70-YEARS STORY TO LOOK AT THE FUTURE”



Open mind and fertile soil. That is exactly how Giacomini's story began. It's 1951, second postwar period, a time of fervor and recovery. The mind is Alberto Giacomini's, the soil is San Maurizio d'Opaglio, a small town on the shores of Lake Orta. Water, central element of Giacomini's story right from the very beginning. A **source of inspiration**, the resource used to create wellness.

“MADE IN ITALY EXCELLENCE FOR GLOBAL DEVELOPMENT”

Our skills, innovations and networking made us **world leaders in the production** of heating, air conditioning and domestic water components and systems for the residential, industrial, and commercial sectors.

Italy

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28017 S. Maurizio d'Opaglio
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Forging division
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Verona, Via Bisavola, 4

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01091 Zilina, Dolné Rudiny 1

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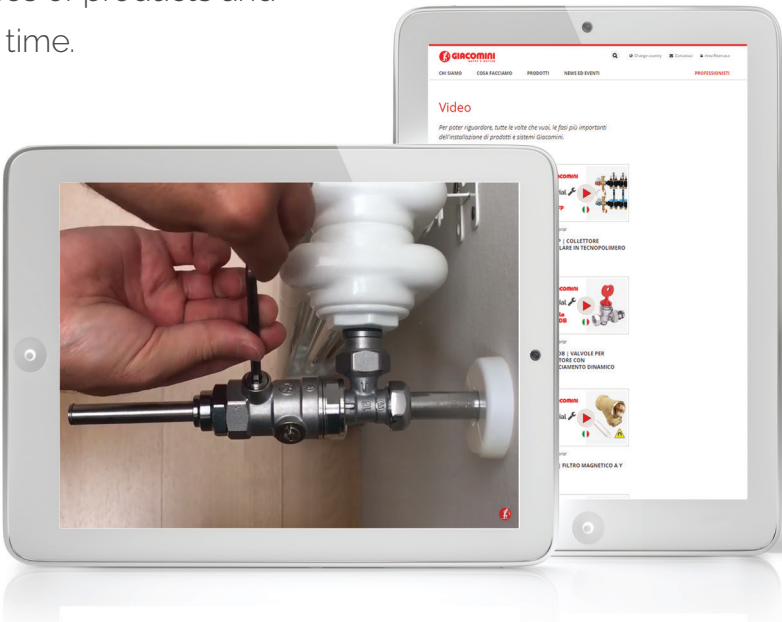
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▶ VIDEO TUTORIAL

Visit our website tutorial page to watch the most important installation phases of products and systems by Giacomini any time.



Visit the Professional operators / Training activities page a <https://it.giacomini.com/tutorials>



▶ BIM

More than 800 Giacomini products now uploaded in the MagiCAD software



Register on magicloud.com <http://www.magicloud.com> and start planning!

Giacomini makes its 3D Giacomini product drawings available to designers and professionals for BIM applications. BIM is the acronym for Building Information Modeling, the system that allows designers to have a smart communication with IT tool for sizing, placing, shaping and for calculation.

PRODUCTS AVAILABLE FOR	FILE FORMAT
MAGICAD	.QPD
AUTOCAD	.DXF
REVIT	.RFA



“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. Distribution products and systems for safe and high-performing gas transfer in buildings.



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



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



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



Radiant Systems. Floor, wall and ceiling radiant air conditioning for residential and use, 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 CONFRONTATION”

We dedicate great care to the competence and professionalism of our collaborators through a non-stop training process that includes updating sessions, stages, periodical panels of technical analysis, webinar.

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.

In-house training to support the client. 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 our firm and partners can exchange and compare their knowledge 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.

➤ **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, types of fittings.

➤ **Gas Distribution.** Analysis of systems recommended for gas abduction/ 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're universally recognised as specialists in the manufacture of valves, lockshield valves, thermostatic heads, and all the other 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.

- 16 Manual Radiator Valves
- 16 Thermostatic Radiator Valves
- 18 Thermostatic Radiator Valves with dynamic balancing
- 20 Thermostatic Radiator Valves with presetting
- 21 Thermostatic Radiator Valves with M30 x 1,5 mm connections
- 21 Lockshields
- 23 Thermostatic Heads
- 24 Radiator System Kits
- 25 Valves for panels radiators
- 26 Valves for twin-pipe system
- 27 Valves for single-pipe system
- 28 Probes
- 29 Polish chrome plated valves
- 31 Accessories for radiator system
- 34 Spare parts for radiator system
- 36 Technical and dimensional data



Energy Management



Radiant Systems



Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems



Fire Protection

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.



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" Eurocone adaptors.



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.



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" Eurocone 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



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.



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



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



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



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.



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.





Comfort at every level.

DB thermostatic radiator valve 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 regulation 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 regulation 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 regulation 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 regulation key R73PY010.



R415DB

IRON PIPE CONNECTION

PRODUCT CODE	SIZE		
R415DBX033	1/2"	1	50

ADAPTOR CONNECTION

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

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 regulation key R73PY010.



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
Frame the QR-Code with your smartphone or tablet to view the video tutorial.

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, equipped with R73PY010 regulation key.

INFO

- P12ADBX002: High Flow version (HF);
Clip Clap connection; black color membrane.

P12ADB bonnets for DB series thermostatic valves and dynamic balancing manifolds are not compatible with other Giacomini valves and manifolds.



R73P

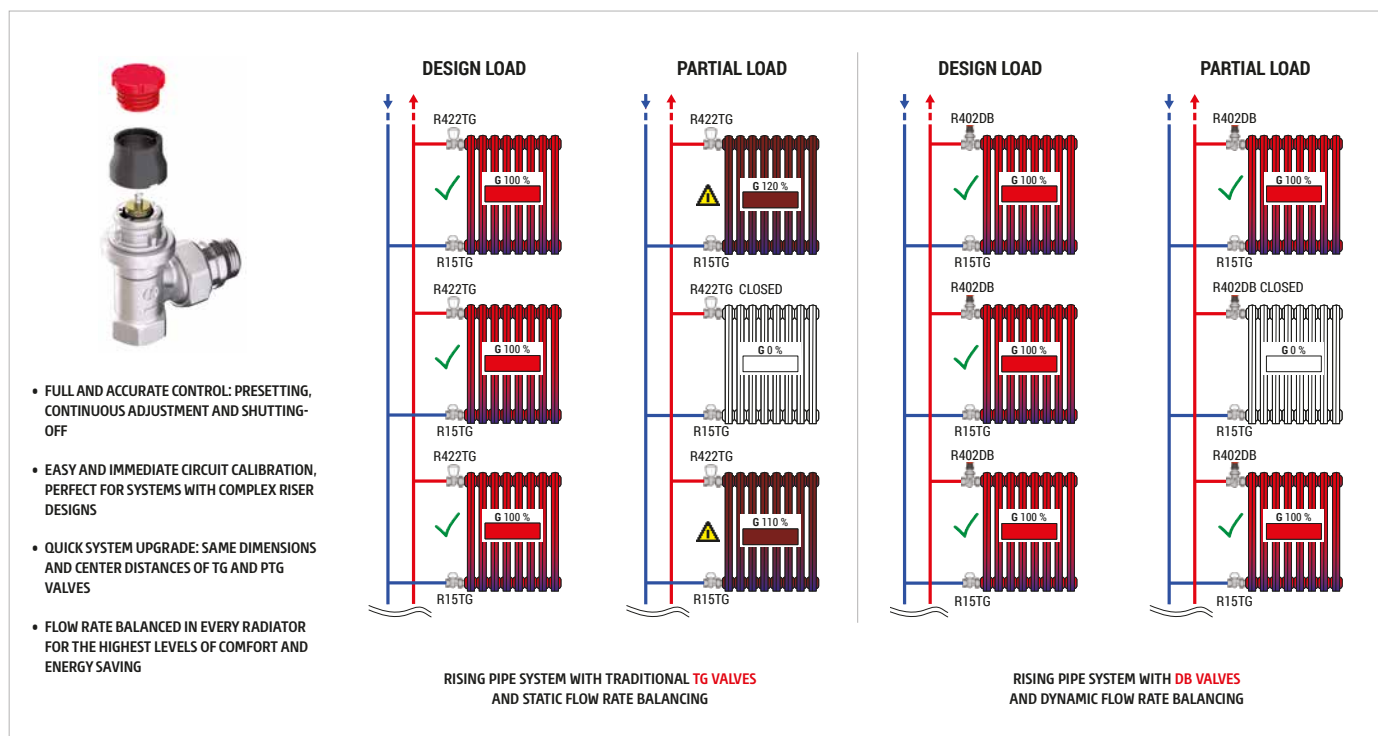
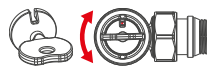
PRODUCT CODE	SIZE		
R73PY010	-	1	-

Regulation key for PTG and DB series 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.



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.



R415PTG

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

Reverse 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.



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.



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



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.





R73P

PRODUCT CODE	SIZE		
R73PY010	-	1	-

Regulation key for PTG and DB series valves and manifolds.



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.



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



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.



CERTIFICATIONS AND SYMBOLS



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



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.



CERTIFICATIONS AND SYMBOLS



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" Eurocone 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.



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" Eurocone 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.





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, base 18 or 3/4" Eurocone adaptors.





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" Eurocone adaptors.



R16C2

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

Angle lockshield, nickel plated, solder 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.



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.



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.



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 sensor. 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.




VIDEO
Frame the QR-Code with your smartphone or tablet to view the video tutorial.

CERTIFICATIONS AND SYMBOLS



R468H

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

Thermostatic head with liquid sensor. 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



R460

PRODUCT CODE	SIZE		
R460X001	-	1	50

Thermostatic head with liquid sensor. 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.




VIDEO
Frame the QR-Code with your smartphone or tablet to view the video tutorial.

CERTIFICATIONS AND SYMBOLS



R462


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

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



R460H

PRODUCT CODE	SIZE		
R460HX011	-	1	50

Thermostatic head with liquid sensor. 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



R470

PRODUCT CODE	SIZE		
R470X001	-	1	50

Thermostatic head with liquid sensor. 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.




VIDEO
Frame the QR-Code with your smartphone or tablet to view the video tutorial.

CERTIFICATIONS AND SYMBOLS



R470H

PRODUCT CODE	SIZE		
R470HX001	-	1	50

Thermostatic head with liquid sensor. 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



R463



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

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



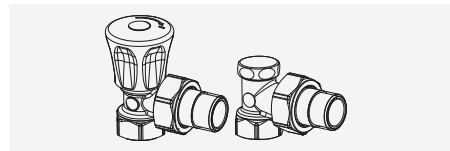
Radiator System Kits

R705K

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

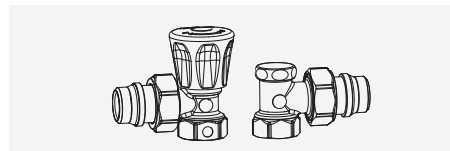
Radiator system kit (valve and lockshield), angle version, iron pipe connection or adaptor connections.

R705KX003



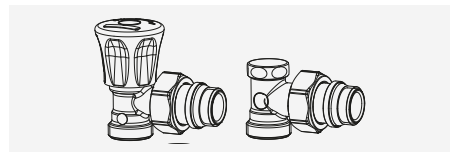
1/2" iron pipe connection

R705KX033



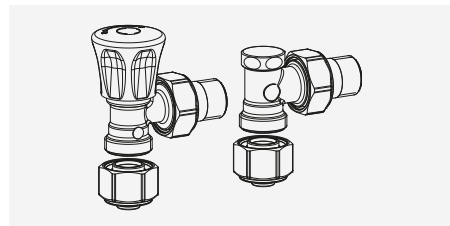
1/2" iron pipe connection with self-sealing

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.





R470A

ANGLE AND STRAIGHT KIT

PRODUCT CODE	SIZE		
R470AX002	3/8" x 16 - angle	1	18
R470AX003	1/2" x 16 - angle	1	18
R470AX012	3/8" x 16 - straight	1	18
R470AX013	1/2" x 16 - straight	1	18

COAXIAL KIT

PRODUCT CODE	SIZE		
R470AX023	1/2" x 16 - angle	1	18

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

Piping connection with base 16 adaptors.

R470AX002 - R470AX003



R470AX012 - R470AX013



R470AX023



INFO



R470AX002, R470AX003:
R470 + R411TG + R29TG.
R470AX012, R470AX013:
R470 + R412TG + R31TG.
R470AX023: R470 +
R415TG + R29TG.
Adaptor connection, to
complete with R178,
R179 or R179AM.

R470F

ANGLE AND STRAIGHT KIT

PRODUCT CODE	SIZE		
R470FX002	3/8" - angle	1	18
R470FX003	1/2" - angle	1	18
R470FX012	3/8" - straight	1	18
R470FX013	1/2" - straight	1	18

COAXIAL KIT

PRODUCT CODE	SIZE		
R470FX023	1/2" - angle	1	18

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

R470FX002 - R470FX003



R470FX012 - R470FX013



R470FX023



INFO

R470FX002, R470FX003:
R470 + R401TG + R14TG.
R470FX012, R470FX013:
R470 + R402TG + R15TG.
R470FX023: R470 +
R415TG + R14TG.

Valves for panels radiators

R387L

PRODUCT CODE	SIZE	□	▣
R387LX001	B.18 x 3/4"F	1	50
R387LX011	B.18 x 1/2"M	1	50
R387LX002	3/4"E x 3/4"F	1	50
R387LX012	3/4"E x 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 adapters for 3/4"M or 1/2"F panel radiators. Center distance 50 mm. Piping connection with base 18 or 3/4" Eurocone adaptors.

R387LX001-X002



R387LX011-X012



R388L

PRODUCT CODE	SIZE	□	▣
R388LX001	B.18 x 3/4"F	1	50
R388LX011	B.18 x 1/2"M	1	50
R388LX002	3/4"E x 3/4"F	1	50
R388LX012	3/4"E x 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 adapters for 3/4"M or 1/2"F panel radiators. Center distance 50 mm. Piping connection with base 18 or 3/4" Eurocone adaptors.

R388LX001-X002



R388LX011-X012



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" Eurocone 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" Eurocone adaptors.



R387

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

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



R388

PRODUCT CODE	SIZE	□	▣
R388X001	B.18 x 3/4"F	5	50
R388X012	3/4"E x 1/2"M	5	50
R388X002	3/4"E x 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" Eurocone adaptors.



R383

PRODUCT CODE	SIZE	□	▣
R383X011	B.18 x 1/2"M	4	20
R383X001	B.18 x 3/4"F	4	20
R383X002	3/4"E x 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" Eurocone adaptors.



R384

PRODUCT CODE	SIZE	□	▣
R384X011	B.18 x 1/2"M	5	25
R384X001	B.18 x 3/4"F	5	25
R384X002	3/4"E x 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" Eurocone adaptors.



R483

PRODUCT CODE	SIZE	□	▣
R483Y001	3/4"E x 3/4" flat seat	50	1.000
R483Y002	1/2" x 3/4"	50	500
R483Y023	1/2" x 3/4" Eurocone	50	200
R483Y011	Ø18	50	1.000

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

① INFO

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



R483Y011

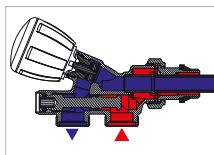


Valves for twin-pipe system

R440N

PRODUCT CODE	SIZE		
R440NX032	1/2" x 16	5	50

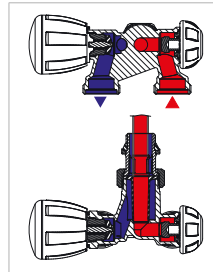
Compact micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. Supplied with R171P plastic probe, Ø 12 mm, length 450 mm. Centre distance: 35 mm. Piping connection with base 16 adaptors.



R358B1

PRODUCT CODE	SIZE		
R358BX062	1/2" x 18 - left	1	25

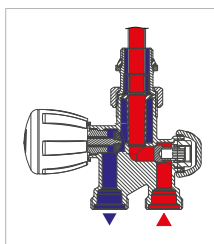
Angle micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the wall with handwheel on the left.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



R356B1

PRODUCT CODE	SIZE		
R356BX062	1/2" x 18	1	50

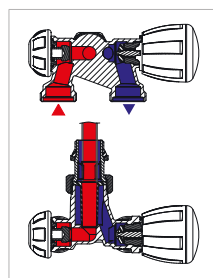
Straight micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the floor. To be completed with R171FY002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



R357B1

PRODUCT CODE	SIZE		
R357BX062	1/2" x 18 - right	1	25

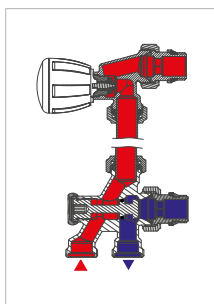
Angle micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the wall with handwheel on the right.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



R438

PRODUCT CODE	SIZE		
R438X035	1/2" x 16 (connect.pipe 15 mm)	1	25
R438X036	1/2" x 18 (connect.pipe 15 mm)	1	25
R438X062	1/2" x 16 (connect.pipe 16 mm)	1	25
R438X063	1/2" x 18 (connect.pipe 16 mm)	1	25

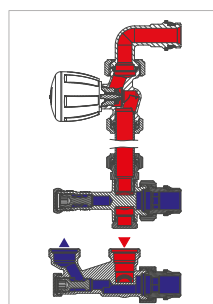
Angle valve and lockshield group with thermostatic option and connections from the floor, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For twin-pipe systems. To be completed with R194 chrome plated connection pipe, Ø15 or Ø16 mm. Centre distance base 16: 35 mm.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



R438MTG

PRODUCT CODE	SIZE		
R438MX033	1/2" x 18 (connect.pipe 16 mm)	1	25
R438MX036	1/2" x 18 (connect.pipe 15 mm)	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. Centre distance: 50 mm. Piping connection with base 18 adaptors.

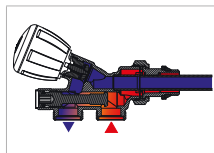


Valves for single-pipe system

R437N

PRODUCT CODE	SIZE		
R437NX031	1/2" x 16	5	50

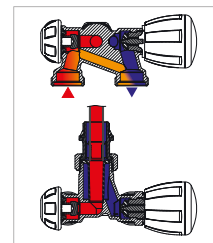
Compact micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied with R171P plastic probe, Ø 12 mm, length 450 mm. Centre distance: 35 mm. Piping connection with base 16 adaptors.



R357M1

PRODUCT CODE	SIZE		
R357MX062	1/2" x 18	1	25

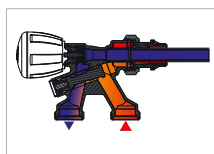
Angle micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the wall with handwheel on the right.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



R437

PRODUCT CODE	SIZE		
R437X032	1/2" x 18	5	50

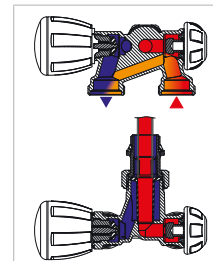
Micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied with R171P plastic probe, Ø 12 mm, length 450 mm. Centre distance: 50 mm. Piping connection with base 18 adaptors.



R358M1

PRODUCT CODE	SIZE		
R358MX062	1/2" x 18	1	25

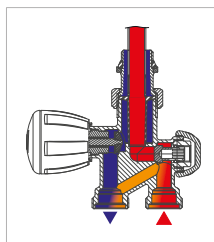
Angle micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the wall with handwheel on the left.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



R356M1

PRODUCT CODE	SIZE		
R356MX061	1/2" x 16	1	50
R356MX062	1/2" x 18	1	50

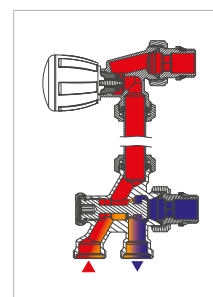
Straight micrometric valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. Supplied without injection probe. Radiator connection from below and connection to the system pipes from the floor. To be completed with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



R436

PRODUCT CODE	SIZE		
R436X035	1/2" x 16 (connect.pipe 15 mm)	1	25
R436X036	1/2" x 18 (connect.pipe 15 mm)	1	25
R436X062	1/2" x 16 (connect.pipe 16 mm)	1	25
R436X063	1/2" x 18 (connect.pipe 16 mm)	1	25

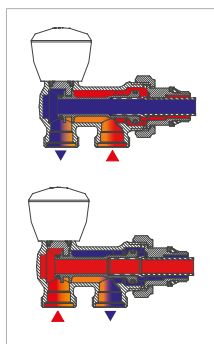
Angle valve and lockshield group with thermostatic option and connections from the floor, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems. To be completed with R194 chrome plated connection pipe, Ø15 or Ø16 mm. Centre distance base 16: 35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



R314N

PRODUCT CODE	SIZE		
R314NX002	1/2" x 16	5	20

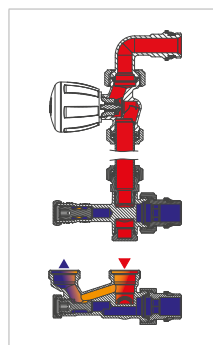
Manual valve with thermostatic option, chrome plated brass, with connection for copper, plastic or multilayer pipe adaptors. For single-pipe systems.
Supplied with R171P plastic probe, Ø 12 mm, length 450 mm.
Centre distance: 35 mm.
Piping connection with base 16 adaptors.



R436M-1

PRODUCT CODE	SIZE		
R436MX033	1/2" x 18 (connect.pipe 16 mm)	1	25
R436MX036	1/2" x 18 (connect.pipe 15 mm)	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.
Centre distance: 50 mm.
Piping connection with base 18 adaptors.



R314DN

PRODUCT CODE	SIZE		
R314DX033	1/2" x 16	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.
Centre distance: 35 mm.
Piping connection with base 16 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.



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.



R171F

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

Threaded copper 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 lockshield valves.



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 tail pieces.

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 base 16 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 sensor, 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" Eurocone 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). Centre 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). Centre 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). Centre 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). Centre 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.



T175D

PRODUCT CODE	SIZE		
T175DX001	Ø12÷18 mm	1	25

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



T177

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

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



T15TG



PRODUCT CODE	SIZE		
T15TG004	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


Draining plug with manual air vent valve, chrome-plated brass, with self-sealing.

INFO

Use the R74 key to open the valve.



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.




R74

PRODUCT CODE	SIZE		
R74Y001	-	1	150

Key for R90, R91.



R700



PRODUCT CODE	SIZE		
R700Y001	-	5	50

Draining device for R714 and R715 lockshields, brass finish.





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.





R573D

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

Angle fitting for domestic water systems, 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	20

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

Angle fitting for domestic water systems, 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 fittings.



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. Centre 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. Centre distance 50 mm. For pipe Ø12÷18 mm.



R453H

PRODUCT CODE	SIZE		
R453HY011	For thermostatic heads	50	250
R453HY012	For K470H chronothermostats	50	250

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

INFO

Not suitable 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
R453Y001	Ring for R400	1	100

Valve (key) for the bonnet replacement without emptying the system. Suitable for P12AX004, P12AX006 and P12AX011 bonnets.



© VIDEO
Frame the QR-Code with your smartphone or tablet to view the video tutorial.

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.



R831

PRODUCT CODE	SIZE		
R831Y001	1 l - For new systems	1	8
R831Y002	1 l - For existing systems	1	8

Protective and anti-corrosion liquid for new and existing systems.



K375

PRODUCT CODE	SIZE		
K375Y021	1 l	1	18

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, regulation key, instruction) for PTG 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.



R450TG

PRODUCT CODE	SIZE		
R450X012	-	1	-
R450X016	-	1	-

Micrometric handwheel for valves with thermostatic option.



T26C

PRODUCT CODE	SIZE		
T26CX003	1/2"	1	-

Polish chrome brass cap for lockshield for toweldryer.





T450C

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

Polish chrome plated handwheel for toweldryer valves with thermostatic option.



P15TG

PRODUCT CODE	SIZE		
P15TGX002	3/8"	1	-
P15TGX003	1/2" x 3/8"	1	-
P15TGX004	1/2"	1	-

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 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.



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.



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 finish 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.

① INFO

* For use with Giacotech valves series.



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.



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.



Technical and dimensional data

MANUAL RADIATOR VALVES AND LOCKSHIELDS

Fluids: water and glycol-based solutions (max. 30 %)

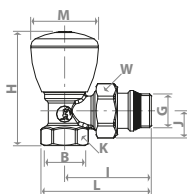
Temperature range: 5÷110 °C

Max operating pressure: 16 bar

DIMENSIONS MM

R5TG

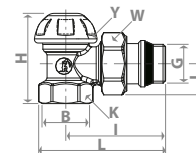
PRODUCT CODE	GxB	H	I	J	K	L	M	W
R5X032	3/8"x3/8"	65	50	19	22	71	42	27
R5X033	1/2"x1/2"	70	53	21	26	74	42	30
R5X034	3/4"x3/4"	79	60	23	32	84	49	38
R5X035	1"x1"	87	68	30	39	92	49	46



R14TG

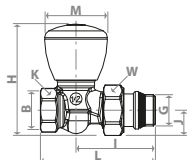
PRODUCT CODE	GxB	H	I	J	K	L	Y	W
R14X032	3/8"x3/8"	43	50	19	22	66	-	27
R14X033	1/2"x1/2"	47	53	21	26	70	-	30
R14X034*	3/4"x3/4"	54	60	23	32	79	35	38
R14X035*	1"x1"	72	68	30	39	90	40	46
R14X036*	1 1/4"x1 1/4"	80	80	34	49	108	45	53

* Brass cap



R6TG

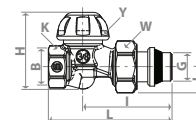
PRODUCT CODE	GxB	H	I	J	K	L	M	W
R6X032	3/8"x3/8"	69	56	15	22	77	42	27
R6X033	1/2"x1/2"	73	60	17	26	84	42	30
R6X034	3/4"x3/4"	86	55	21	32	81	49	38
R6X035	1"x1"	93	69	26	39	106	49	46



R15TG

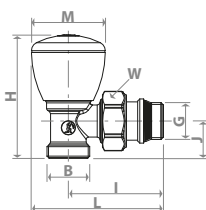
PRODUCT CODE	GxB	H	I	J	K	L	Y	W
R15X032	3/8"x3/8"	47	56	15	22	76	-	27
R15X033	1/2"x1/2"	51	60	17	26	83	-	30
R15X034*	3/4"x3/4"	62	55	21	32	81	35	38
R15X035*	1"x1"	78	69	26	39	106	40	46
R15X036*	1 1/4"x1 1/4"	86	78	30	49	119	45	53

* Brass cap



R25TG

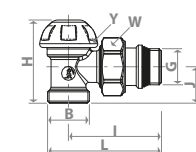
PRODUCT CODE	GxB	H	I	J	L	Y	W
R25X032	3/8"x16	69	53	21	74	42	30
R25X033	1/2"x16	69	53	21	74	42	30
R25X034	1/2"x18	73	54	24	75	42	30
R25X033	3/4"x18	79	60	24	84	49	38
R25X036	3/4" x 22	79	60	24	84	49	38



R29TG

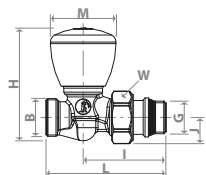
PRODUCT CODE	GxB	H	I	J	L	Y	W
R29X032	3/8"x16	47	53	21	70	-	30
R29X033	1/2"x16	47	53	21	70	-	30
R29X034	1/2"x18	50	54	24	71	-	30
R29X035*	3/4"x18	54	60	24	79	35	38
R29X036*	3/4"x22	61	60	31	79	35	38

* Brass cap



R27TG

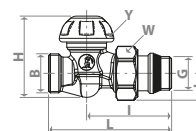
PRODUCT CODE	GxB	H	I	J	L	Y	W
R27X032	3/8"x16	73	52	17	75	42	30
R27X033	1/2"x16	73	52	17	76	42	30
R27X034	1/2"x18	73	52	17	77	42	30
R27X033	3/4"x18	87	55	21	81	49	38
R27X036	3/4" x 22	87	55	21	91	49	38



R31TG

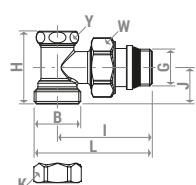
PRODUCT CODE	GxB	H	I	J	L	Y	W
R31X032	3/8"x16	51	52	17	75	-	30
R31X033	1/2"x16	51	52	17	76	-	30
R31X034	1/2"x18	51	52	17	77	-	30
R31X035*	3/4"x18	62	54	21	80	35	38
R31X036*	3/4"x22	62	54	21	84	35	38

* Brass cap



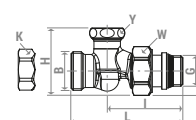
R16TG

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



THERMOSTATIC RADIATOR VALVES

Fluids: water and glycol-based solutions (max. 30 %)

Temperature range: 5÷110 °C

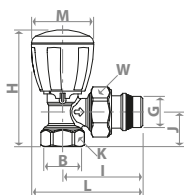
Max operating pressure for manual applications: 16 bar

Max operating pressure in association with thermostatic head: 10 bar

DIMENSIONS MM

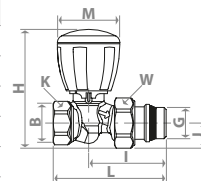
R421TG

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
R421FX004	3/4"x3/4"	87	58	26	32	76	42	38
R421X034	3/4"x3/4"	79	60	25	32	81	42	38
R421X035	1"x1"	97	72	31	39	94	42	46



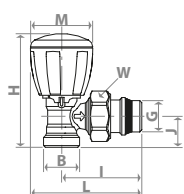
R422TG

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
R422FX004	3/4"x3/4"	89	61	22	32	93	42	38
R422X034	3/4"x3/4"	83	55	21	32	81	42	38
R422X035	1"x1"	95	64	26	39	105	42	46



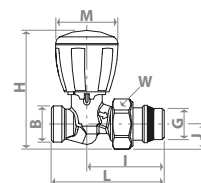
R431TG

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
R431X034	1/2"x18	75	53	21	74	42	30
R431EX037	1/2"x3/4"E	75	53	21	74	42	30



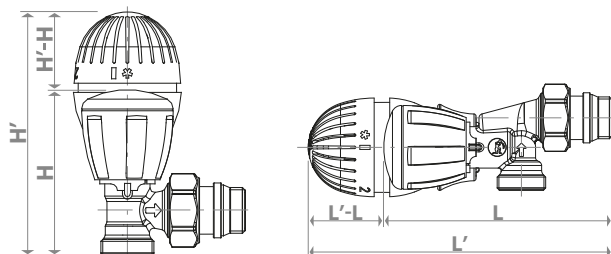
R432TG

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
R432X034	1/2"x18	79	51	17	76	42	30



DIMENSIONS WITH INSTALLED THERMOSTATIC HEAD

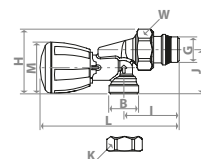
PRODUCT CODE	R460X001	R470X001	R468CX001	R468X001
H'-H	53	35	63	52
LI-L for R435TG	53	35	63	52



R435TG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R435X053	1/2"x1/2**	53	53	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

* R435X033 hexagonal connection for iron pipe



THERMOSTATIC RADIATOR VALVES WITH DYNAMIC BALANCING

DIMENSIONS MM

Fluids: water and glycol-based solutions (max. 30 %)

Temperature range: 5÷95 °C

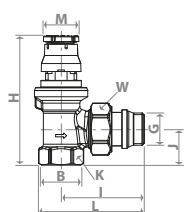
Max. working pressure for manual applications: 16 bar

Max. working pressure in association with thermostatic heads: 10 bar

R401DB

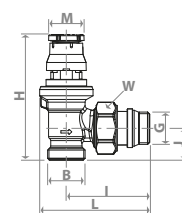
PRODUCT CODE	GxB	H	I	J	K	L	M	W
R401DBX032	3/8" x 3/8"	79	51	20	22	68	23	27
R401DBX033	1/2" x 1/2"	83	53	23	26	71	23	30
R401DBX004	3/4" x 3/4" *	86	60	25	32	78	23	38

* Tail piece without self-sealing



R411DB

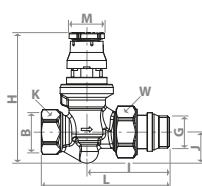
PRODUCT CODE	GxB	H	I	J	K	L	M	W
R411DBX033	1/2" x 16	80	53	21	-	71	23	30



R402DB

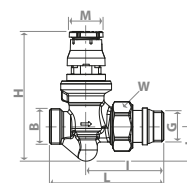
PRODUCT CODE	GxB	H	I	J	K	L	Y	W
R402DBX032	3/8" x 3/8"	83	54	16	22	76	23	27
R402DBX033	1/2" x 1/2"	84	53	20	26	82	23	30
R402DBX004	3/4" x 3/4" *	87	56	21	32	81	23	38

* Tail piece without self-sealing



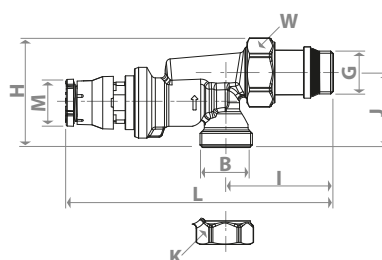
R412DB

PRODUCT CODE	GxB	H	I	J	K	L	Y	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

DIMENSIONS MM

Fluids: water and glycol-based solutions (max. 30 %)

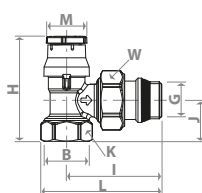
Temperature range: 5÷110 °C

Max operating pressure for manual applications: 16 bar

Max operating pressure in association with thermostatic head: 10 bar

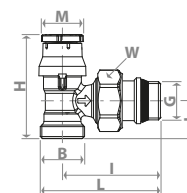
R401TG-R401PTG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R401X132	3/8"x3/8"	55	51	20	22	64	23	27
R401X133	1/2"x1/2"	59	53	23	26	68	23	30
R401FX004	3/4"x3/4"	68	62	26	32	76	23	38
R401X034	3/4"x3/4"	60	60	25	32	78	23	38
R401X035	1"x1"	78	72	31	39	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



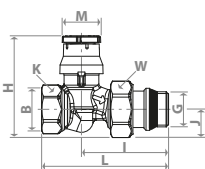
R411TG-R411PTG

PRODUCT CODE	GxB	H	I	J	L	M	W
R411X032	3/8"x16	56	53	21	66	23	30
R411X033	1/2"x16	56	53	21	66	23	30
R411X034	1/2"x18	56	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



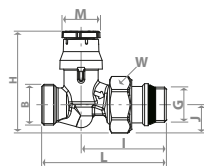
R402TG-R402PTG

PRODUCT CODE	GxB	H	I	J	K	L	M	W
R402X132	3/8"x3/8"	58	54	15	22	76	23	27
R402X133	1/2"x1/2"	60	55	17	26	82	23	30
R402FX004	3/4"x3/4"	70	61	22	32	97	23	38
R402X034	3/4"x3/4"	64	55	21	32	81	23	38
R402X035	1"x1"	76	64	26	39	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



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

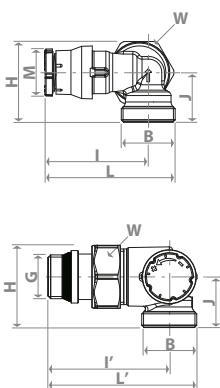


R403TG

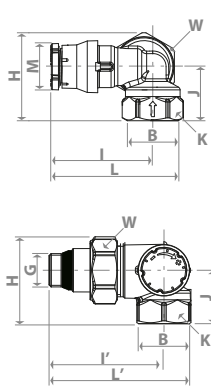
PRODUCT CODE	GxB	H	I	I'	J	L	L'	M	W	K
R403X052	3/8"x3/8" sx	43	50	57	27	65	71	23	30	27
R403X062	3/8"x3/8" dx	43	50	57	27	65	71	23	30	27
R403X054	1/2"x1/2" sx	43	50	57	27	65	71	23	30	27
R403X064	1/2"x1/2" dx	43	50	57	27	65	71	23	30	27
R403X024	1/2"x18 sx	41	50	58	24	63	71	23	30	-
R403X034	1/2"x18 dx	41	50	58	24	63	71	23	30	-

NB: R403X052, R403X062, R403X054, R403X064, R403PX052, R403PX062, R403PX054, R403PX064 hexagonal connection on iron pipe

ADAPTOR CONNECTION



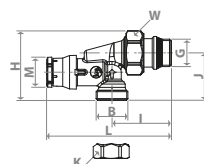
IRON PIPE CONNECTION



R415TG-R415PTG

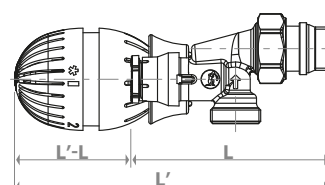
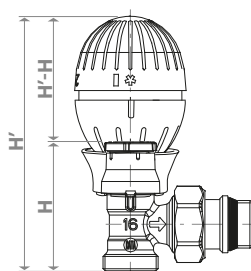
PRODUCT CODE	GxB	H	I	J	K	L	M	W
R415X033	1/2"x1/2"*	53	53	36	25	106	23	30
R415X042	1/2"x16	53	45	36	-	94	23	30
R415X043	1/2"x18	53	45	37	-	94	23	30
R415PX242	1/2"x16	53	45	36	-	95	23	30

* R415X033 hexagonal connection for iron pipe



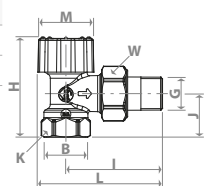
DIMENSIONS WITH INSTALLED THERMOSTATIC HEAD

PRODUCT CODE	R460X001	R470X001	R468CX001	R468X001
H'-H	71	54	81	71
LI-L FOR R415PTG	71	54	81	71



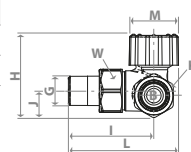
R401H

PRODUCT CODE	GxB	H	I	J	L	M	W	K
R401HX003	1/2"x1/2"	61	59	27	76	34	30	27
R401HX004	3/4"x3/4"	65	66	29	85	34	37	32



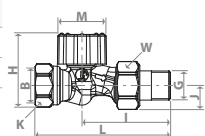
R403H

PRODUCT CODE	GxB	L	I	H	J	M	W	K
R403HX023	1/2"x1/2" (sx)	76	59	58	19	34	30	27
R403HX033	1/2"x1/2" (dx)	76	59	58	19	34	30	27



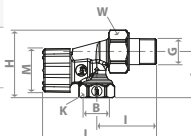
R402H

PRODUCT CODE	GxB	H	I	J	L	M	W	K
R402HX003	1/2"x1/2"	53	62	17	94	34	30	27
R402HX004	3/4"x3/4"	62	70	22	108	34	37	32



R415H

PRODUCT CODE	GxB	L	I	H	J	M	W	K
R415HX003	1/2"x1/2"	89	47	53	36	34	30	25



VALVES FOR TWIN-PIPE SYSTEM

DIMENSIONS MM

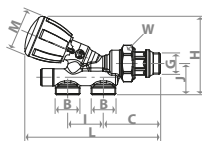
Temperature range: 5÷110 °C

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

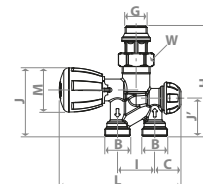
R440N

PRODUCT CODE	GxB	I	H	J	L	C	M	W
R440NX032	1/2"x16	35	47	30	133	56	42	30



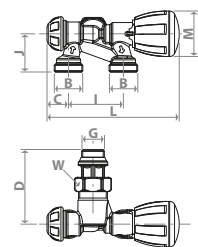
R356B1

PRODUCT CODE	GxB	I	J	J'	L	C	H	M	W
R356BX062	1/2"x18	50	43	35	116	22	103	42	30



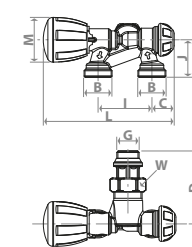
R357B1

PRODUCT CODE	GxB	I	J	L	C	D	M	W
R357BX062	1/2"x18	50	35	123	22	68	42	30



R358B1

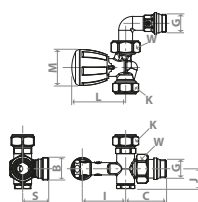
PRODUCT CODE	GxB	I	J	L	C	D	M	W
R358BX062	1/2"x18	50	35	123	22	68	42	30



R438M

PRODUCT CODE	GxB	I	J	L	C	S	M	K	W
R438MX033	1/2"x18	50	23	62	47	30	42	27	30

The R194 Ø16 tube must be purchased separately



VALVES FOR SINGLE-PIPE SYSTEM

Temperature range: 5÷110 °C

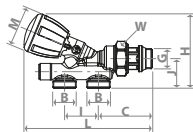
Max. operating pressure: 10 bar

Percentage of power supply to the radiator in the single-pipe version: 50% with manual handwheel, 35% with thermostatic head

DIMENSIONS MM

R437N

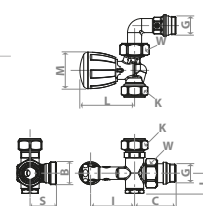
PRODUCT CODE	GxB	I	H	J	L	C	M	W
R437NX031	1/2"x16	35	47	30	133	56	42	30



R436M-1

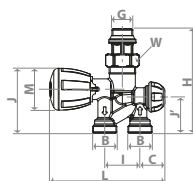
PRODUCT CODE	GxB	I	J	L	C	S	M	K	W
R436MX033	1/2"x18	50	23	62	47	30	42	27	30

The R194 Ø16 tube must be purchased separately



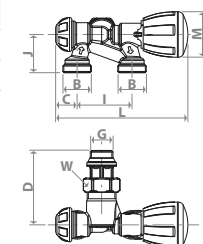
R356M1

PRODUCT CODE	GxB	I	J	J'	L	C	H	M	K
R356MX061	1/2"x16	35	44	36	115	25	104	42	30
R356MX062	1/2"x18	50	43	35	116	22	103	42	30



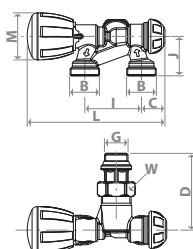
R357M1

PRODUCT CODE	GxB	I	J	L	C	D	M	W
T357MX011	1/2"x16	35	34	124	31	68	42	30
R357MX062	1/2"x18	50	35	123	22	68	42	30



R358M1

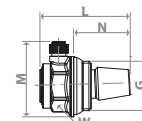
PRODUCT CODE	GxB	I	J	L	C	D	M	W
T358MX011	1/2"x16	35	35	124	31	68	42	30
R358MX062	1/2"x18	50	35	123	22	68	42	30



R200

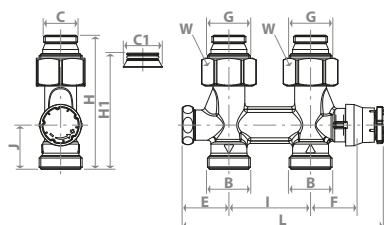
PRODUCT CODE	GxB	L	M	N	W
R200X001	1"dx	60	50	37	31
R200X002	1"sx	60	50	37	31
R200X003	1 1/4"dx	60	62	35	31
R200X004	1 1/4"sx	60	62	35	31

NOTE: temperature range 5÷120 °C
max. working pressure 14 bar
max. discharge pressure 7 bar



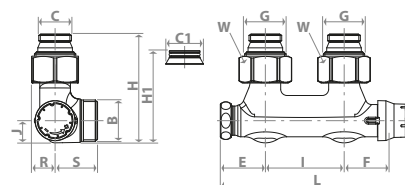
R385T

PRODUCT CODE	GxB	L	E	I	F	J	W
R385TX013	3/4"F x 3/4"E	124	29	50	28	27	30



R386T-T386T

PRODUCT CODE	GxB	L	E	I	F	J	W	R	S
R386TX013	3/4"F x 3/4"E	124	29	50	28	14	30	15	27
T386TX013	3/4"F x 3/4"E	124	29	50	28	14	30	15	27



With adaptor	C	C1	H	H1
R483Y001	-	3/4"F	-	57
R483Y002	1/2"M	-	69	-

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 person.

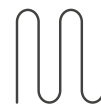
Our radiant systems are all inspired, in their concept, by this principle.

And they are all designed and produced completely by us.

- 44 Overview of radiant floor systems
- 46 Insulation Panels
- 49 Dry Insulation System
- 51 Plastic Pipes and components
- 52 Manifolds and mixing groups
- 56 Thermo-electric Actuators
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- 59 Thermoregulation - Stand-alone
- 60 Overview of radiant ceiling systems



Energy Management



Radiant Systems



Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems



Fire Protection

➤ Overview of radiant floor systems

SISTEMA KLIMA **RENEW**



**IDEAL FOR
RENOVATION
WORKS AND
WHEN REDUCED
INSTALLATION
THICKNESSES
ARE AVAILABLE**

The R979S Spider panel is a "tridimensional" mesh printed on plastic, more specifically on high-resistance polypropylene. Its reduced overall height and shape make this panel particularly suitable for renovation and energy requalification interventions. The patented geometry of the tridimensional mesh enables to firmly fit the pipe during installation and fully conceal it in the screed. This ensures an ideal and even heat distribution combined to reduced thermal inertia. Available in two versions: Standard and Slim.

➤ Correlated products



R979S
Thermoformed panel for radiant floor
Info pag. 46



R996T
Giacotherm PEX-b pipe
with anti-oxygen barrier
Info pag. 51



R553FDB
Brass manifold for HVAC systems with
dynamic flow balancing
Info pag. 52



K492T
Wi-Fi weekly chronothermohumidistat
with touch-screen
Info pag. 59



For more details see catalogue
Radiant floor systems

ER0001

SISTEMA KLIMA **NEW BUILDING**



**IDEAL FOR NEW
CONSTRUCTIONS
OR INSTALLATIONS
WITH NO SPECIFIC
THICKNESS
REQUIREMENT**

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.

Correlated products



R982Q
Thermoformed insulation panel for
radiant floor systems
Info pag. 47



R978
PE-RT pipe with anti-oxygen barrier
Info pag. 51



R553F
Preassembled manifold for HVAC systems
Info pag. 52



K494A
Thermostat, surface mounting installation
Info pag. 59

R979S

STANDARD VERSION

PRODUCT CODE	SIZE		
R979SY101	T50 - h22 self-adhesive	13,44	-
R979SY011	T50 - h22 with pins	7,20	-
R979SY021	T50 - h22 with high-density insulation	8,64	-



📺 VIDEO Scan the QR-Code with a smartphone or tablet to view the video-tutorial for SPIDER R979SY101, R979SY011 and R979SY021 panels

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 panels:
R979SY101: 1200x800 mm.
R979SY011 - R979SY021: 800x600 mm.
R979SY005 - R979SY025: 1200x600 mm.
Ideal for renovations.

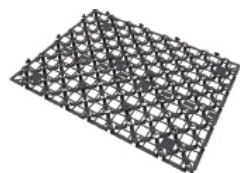
INFO

THERMAL RESISTANCE (EN1264-3)

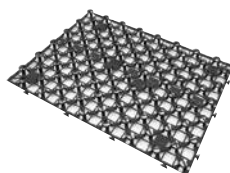
R979SY021: 0,19 (m²K)/W

R979SY025: 0,19 (m²K)/W

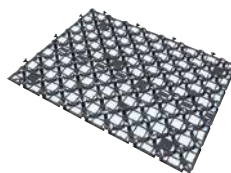
For the fixing of R979SY101, R979SY005, R979SY021, R979SY025 panels, use the R983Y041 plastic plugs.



R979SY101



R979SY011



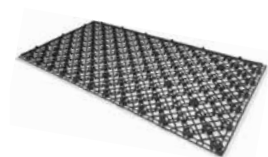
R979SY021

SLIM VERSION

PRODUCT CODE	SIZE		
R979SY005	T50 - h15 self-adhesive	15,84	-
R979SY025	T50 - h15 with high-density insulation	10,08	-



📺 VIDEO Scan the QR-Code with a smartphone or tablet to view the video-tutorial for SPIDER SLIM R979SY005 and R979SY025



R979SY005



R979SY025

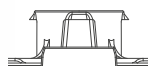


Radiant
Systems



Your freedom to renovate begins where Spider Slim ends.

Spider Slim is an innovative system with top-notch performance that lowers the screed and offers unlimited renovation freedom. The result of Giacomini's research, this preformed panel with tridimensional geometry is a compact solution to achieve the best uniformity in thermal energy distribution. **Spider Slim has a 50 mm laying pitch and can be used with self-levelling compounds, reducing the screed height up to 2 cm. A carefree choice for your renovation needs.**





Available with adhesive base or insulation, its height ranges between 15-21 mm.



GIACOMINI
WATER E-MOTION

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 Ø 15÷18 mm pipes.

Dimensions: 1400x800 mm.

① INFO

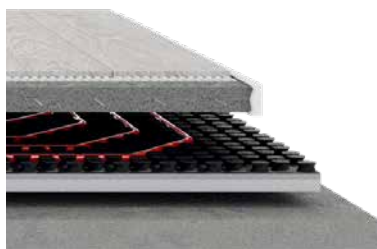
THERMAL RESISTANCE (EN1264-3)

R982QY043: 0,44 (m²K)/W

R982QY115: 0,80 (m²K)/W

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.

① INFO



THERMAL RESISTANCE (EN1264-3)

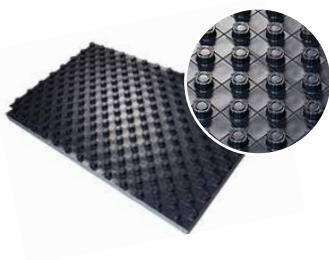
R979TGY003: 0,34 (m²K)/W

R979TGY005: 0,97 (m²K)/W

R979TGY006: 1,38 (m²K)/W

R979G

PRODUCT CODE	SIZE		
R979GY003	T50 - h32	13,44	-
R979GY004	T50 - h42	8,96	-
R979GY094	T50 - h45	7,84	-
R979GY005	T50 - h52	6,72	-
R979GY006	T50 - h62	11,20	-
R979GY007	T50 - h75	8,96	-



Thermoformed insulation panel for radiant floor systems.

Consisting of expanded polystyrene foam with graphite (EPS200 for R979GY003; EPS150 for R979GY004, R979SY094, R979GY005, R979GY006, R979GY007) with black thermoformed polystyrene protection layer.

Laying pitch: multiples of 50 mm.

Thermal conductivity: 0,031 W/m K.

For Ø 16÷18 mm pipes.

Dimensions: 1400x800 mm.

① INFO

THERMAL RESISTANCE (EN1264-3)

R979GY003: 0,33 (m²K)/W

R979GY004: 0,67 (m²K)/W

R979GY094: 0,77 (m²K)/W

R979GY005: 1,00 (m²K)/W

R979GY006: 1,33 (m²K)/W

R979GY007: 1,77 (m²K)/W

R983S

PRODUCT CODE	SIZE		
R983Y041	Ø6 x 60 mm	100	1.000

Plugs for pipes fixing for R979SY001 and R979SY021 panels.



R549P

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

Bend support.



R983N

PRODUCT CODE	SIZE		
R983Y040	Ø6 x 25 mm	100	1.000

Plugs for R979S panels with insulation and adhesive.



R872D

PRODUCT CODE	SIZE		
R872DY001	-	2	100

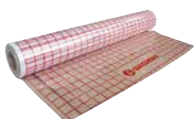
Track for the expansion joint placement.
Length: 2 m.



R984

PRODUCT CODE	SIZE		
R984Y015	Mesh 50x50 mm	125	-

Steam barrier sheet for radiant panels.



K369D

PRODUCT CODE	SIZE		
K369DY001	150 x 8 mm	50	100

Strip for expansion joint.



K393

PRODUCT CODE	SIZE		
K393Y001	50 x 50 mm	2	40

Metallic electro-welded net, zinc plated.



R227-1

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

Probe housing.



K369A

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

Wall edging strip.



➤ Dry Insulation System



**IDEAL FOR RENOVATION WORKS
AND WHEN REDUCED INSTALLATION
THICKNESSES ARE AVAILABLE**



R883-1

PRODUCT CODE	SIZE		
R883Y101	T150 - h28	11,52	-



Insulating panel in expanded polystyrene. Joint combined with a thermoconductor profile constituted by an aluminum foil 0,3 mm thickness.

It allows the passage of the pipes in both directions, and if necessary 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.

① INFO

THERMAL RESISTANCE (EN1264-3)

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 of 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.

① INFO

THERMAL RESISTANCE (EN1264-3)

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.





Radiant
Systems

The radiant world in your hands.



A complete catalogue, continuous consulting, **constant excellence.**

We design and manufacture all the components for the most efficient radiant system, always: from renovations to new constructions, from small to large buildings. **Radiant floors, walls and ceilings, heat pumps, collectors, temperature control and air handling systems:** our catalogue offers the most advanced solutions, while our consulting, training and service make us a partner capable of responding to every need.





GIACOMINI
WATER E-MOTION



FIND OUT
ABOUT
GIACOMINI
RADIANT
SYSTEMS.

Plastic Pipes and components



R996T

PRODUCT CODE	SIZE		
R996TY227	16 x 2	100	-
R996TY219	16 x 2	240	-
R996TY264	16 x 2	600	-
R996TY054	17 x 2	100	-
R996TY033	17 x 2	240	-
R996TY052	17 x 2	600	-
R996TY249	18 x 2	100	-
R996TY220	18 x 2	240	-
R996TY250	18 x 2	500	-
R996TY221	20 x 2	100	-
R996TY222	20 x 2	240	-
R996TY253	20 x 2	400	-
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).





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	Length 47 mm	100	1.000
R983Y003	Length 31 mm	100	1.000
R983Y500	Length 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 meter 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 for each individual circuit.

Outlets connections for copper, plastic or multilayer pipe adapters.

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 delivery 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.

NOTES

Optional

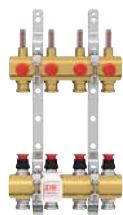
- R500-2: flush-mounting metal cabinet, with adjustable depth.
- R473, R473M: normally closed thermo-electric actuators equipped with R453Y002 plastic ring nut.
- R178E, R179E: 3/4"E adaptors.

Spare parts

- P12ADB001: 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.

INFO

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 delivery manifold with lockshields and flow meters (scale 0,5-5 l/min).
- 1 return manifold with shut-off valves with manual handwheels.
- R588Z metal brackets for installation in R500-2 reduced cabinets.
- 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.



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



R559N-1

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

INFO

The unit can be mounted with:

- Delivery and return manifolds
- Circulator
- K281X012 actuator for mixing valve
- Components for thermoregulation
- R553AY002 or R553AY003, 1" high temperature kit



Mixing unit for HVAC systems, without circulator.

Composed of:

- 3-way mixing valve with M30x1,5 mm connection.
- Primary and secondary lockshields for flow regulation.
- Housing for delivery temperature probe.
- Metal spacer to insert the circulator, centre distance 180 mm.
- Ball valves for circulator installation.
- Manual air vent valves.
- Drain cocks.
- Thermometers.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

R557R-1

PRODUCT CODE	SIZE		
R557RY042	G 1" /Circulator 7 mH2O	1	-
R557RY043	G 1" /180 mm for circulat.	1	-

R557RY042: with circulator 25/7.

R557RY043: with metal spacer centre distance 180 mm (without circulator).

INFO

- 1 Fluid inlet from boiler room (1")
- 2 Fluid return to boiler room (1")
- 3 Three-way valve with R462L thermostatic head
- 4 Primary lockshield
- 5 Secondary lockshield
- 6 Housing for thermostatic head probe
- 7 Housing for safety thermostat probe
- 8 Shut-off valve for circulator
- 9 Manual air vent valve
- 10 Circulator
- 11 Drain cock
- 12 Thermometers
- 13 Heating system return (1")
- 14 Heating system delivery (1")
- 15 End plugs for manifolds (1")

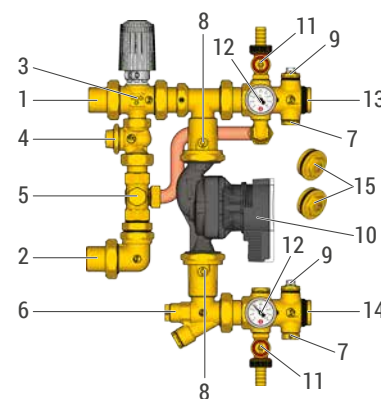
R557RY042



R557RY043

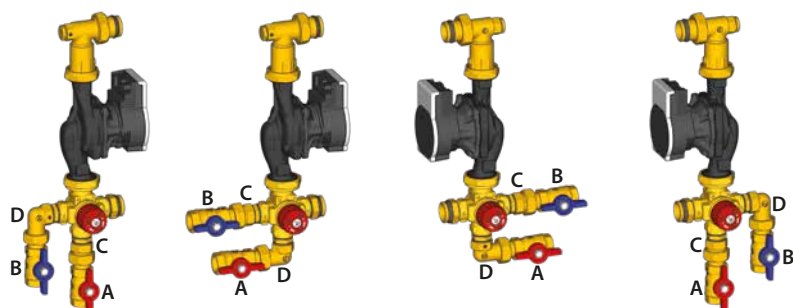


Units with thermostatic fixed point regulation, for HVAC systems.



PRODUCT CODE	SIZE		
R557RY045	G 3/4" x G 1" /Circ. 7mH2O	1	-

WARNING. To obtain the illustrated installation positions, you have to mount the ball valves red (A) and blue (B) handle and the straight (C) and angle (D) fitting, at the desired positions, using the fitting with self-sealing pre-mounted on the thermostatic mixing valve unit.

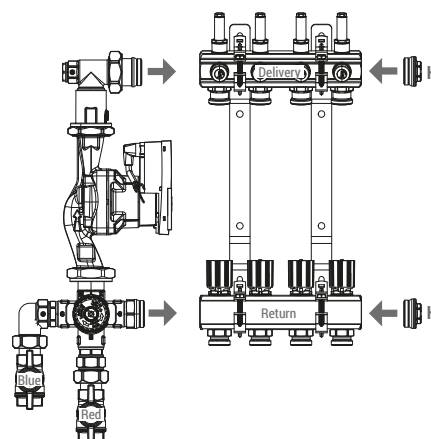


R557RY045



Unit with thermostatic fixed point regulation.

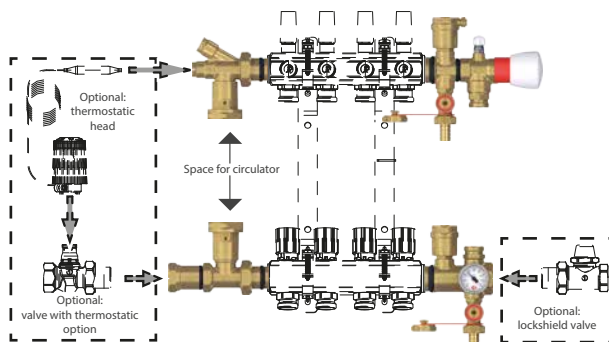
To be completed with R553FK062 → R553FK072 manifolds.



R557K Kits for preassembled manifolds.

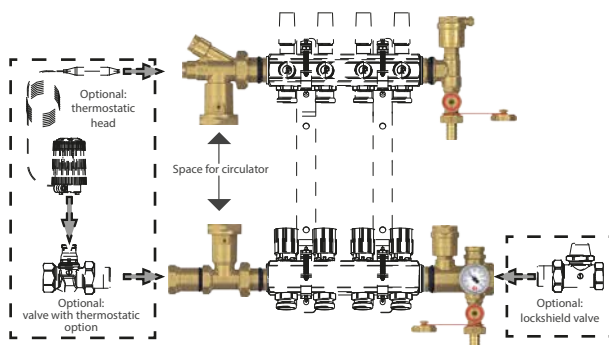
PRODUCT CODE	SIZE		
R557KY001	-	1	-

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



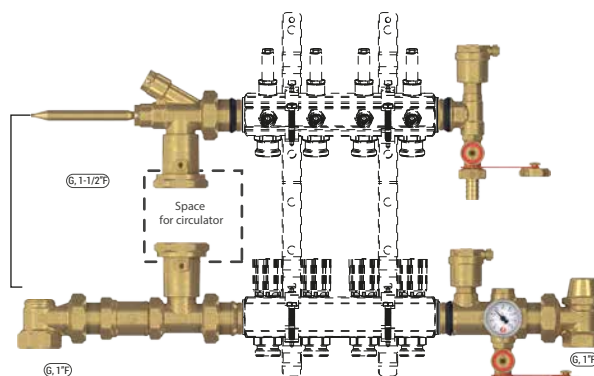
PRODUCT CODE	SIZE		
R557KY002	-	1	-

Tail pieces and ball valves for circulator connection + automatic air vent valves + drain cocks + thermometer.



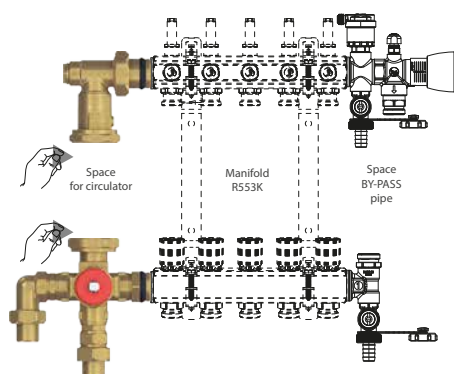
PRODUCT CODE	SIZE		
R557KY003	-	1	-

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



PRODUCT CODE	SIZE		
R557KY005	-	1	-

Unit with thermostatic fixed point regulation and end by-pass kit for R553K manifolds.



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 regulation 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:

- circulator and K373 safety thermostat

① INFO

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

Recommended circulator centre distance: 130 mm.

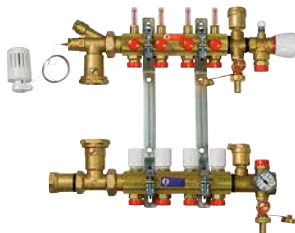
From 2 to 7 outlets = R557Y051 cabinet.

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 regulation 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:

- circulator and K373 safety thermostat

① INFO

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

Recommended circulator centre distance: 130 mm.

From 2 to 7 outlets = R557Y051 cabinet.

From 8 to 12 outlets = R557Y052 cabinet.

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 sensor. Can be used to replace the manual handwheels on 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 sensor. Can be used to replace the manual handwheels on manifolds.



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 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 manifolds.



R462L

PRODUCT CODE	SIZE		
R462LX001	2 m	1	25

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



R462L1

PRODUCT CODE	SIZE		
R462LX011	2 m	1	25

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



R462L2

PRODUCT CODE	SIZE		
R462LX021	2 m	1	25

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



R465

PRODUCT CODE	SIZE		
R465Y001	-	10	100

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



R453A

PRODUCT CODE	SIZE		
R453Y002	-	1	50

Ring nut for R478, R478M, R473, R473M thermo-electric actuators.



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.



Thermoregulation - Klimabus

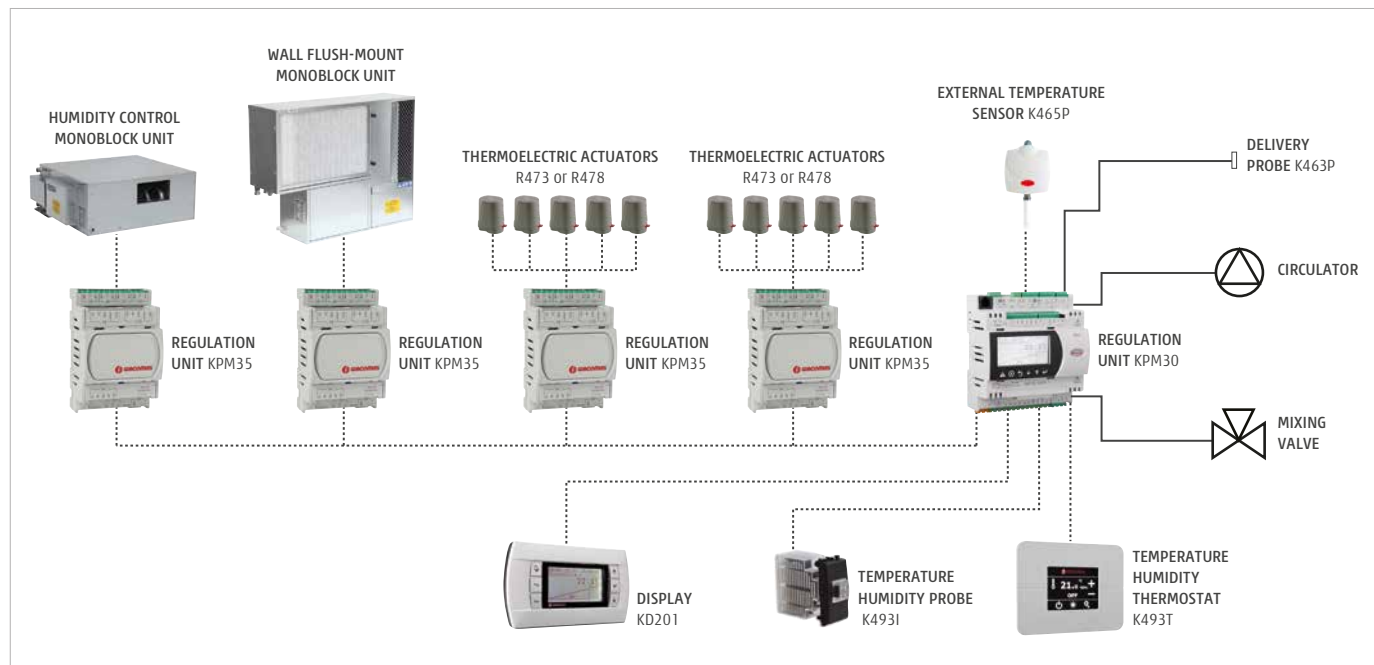
KLIMABUS - BUS thermoregulation system

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 KNX Applications 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.



K493T

PRODUCT CODE	SIZE		
K493TY002	12 V	1	-

Temperature/humidity thermostat with backlight touch-screen display.

Possibility to command N.1 fan-coil with 0-10 V signal or N.3 3-speed fan-coils in combination with KF201 module.

To be used in combination with the KPM30 regulation unit, connected via Bus. Modbus RTU slave communication on RS485. EC certification.



KPM30

PRODUCT CODE	SIZE		
KPM30Y001	24 V	1	-
KPM30Y002	24 V	1	-
KPM30Y003	24 V	1	-
KPM30Y004	24 V	1	-
KPM30Y005	24 V	1	-

Regulation unit for heating/cooling systems. With display panel for system monitoring, configuration and management. Dimension 6 DIN modules. Possibility of controlling the mixing valve, circulator and voltage-free contact outputs. Optional connection with KD201 remote display. Possibility of connection (via Bus) with KPM35 expansion board and K492B/K495B/L ambient probes. EC certification.



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 regulation unit, connected via Bus. Modbus RTU slave communication on RS485.

Flush-mounting installation in round domestic box.

EC certification.



KPM35

PRODUCT CODE	SIZE		
KPM35Y001	24 V	1	-

Input/output expansion board for KPM30 regulation unit.

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.



KPM36

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

Boards for KPM30 regulation units.

INFO

Configuration software for Konnex version available on giacomini.com



K465P

PRODUCT CODE	SIZE		
K465PY001	-	1	-

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



K497

PRODUCT CODE	SIZE		
K497Y001	For KPM30	1	-
K497Y002	For KPM35	1	-

Kit of removable terminals for KPM30/KPM35 regulation unit.



K498M

PRODUCT CODE	SIZE		
K498MY002	-	1	-

Signal converter from PWM to 0-10 V, for commanding a second mixing valve from a KPM30 regulation unit. Installation on DIN rail. 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 regulation unit. Direct power supply from the regulation unit. Surface mounting. 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 thermoregulation.



K493I

PRODUCT CODE	SIZE		
K493IY012	12 V	1	-

Temperature/humidity probe. To be used in combination with the KPM30 regulation unit, connected via Bus. Modbus RTU slave communication on RS485. Flush-mounting. EC certification.



K373

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

Safety thermostat with immersion probe and housing.



K463P

PRODUCT CODE	SIZE		
K463PY001	-	1	-

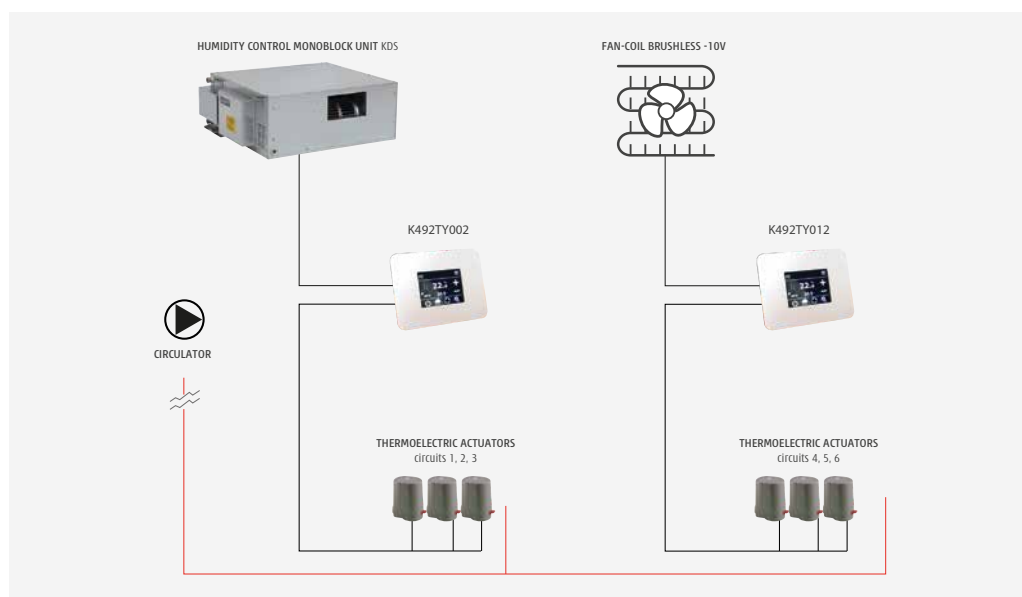
Delivery temperature probe (passive type). Measuring range -50/105 °C. Cable length 6 m. Bulb diameter 6 mm. To be used in combination with the KPM30 regulation unit or the KPM10 controller.



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 backlit 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).



K492T

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

Wi-Fi weekly chronothermohumidistat 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 sensor.

K-Domo dedicated App for simplified control also from remote.

INFO

K492TY002: control of thermo-electric actuators and dehumidifiers.

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	-

Weekly chronothermostat, surface mounting installation.

Powered from the mains (230 Vac, 50 Hz).

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 circulator.



➤ Overview of radiant ceiling systems

GKC ULTRA-P SYSTEM

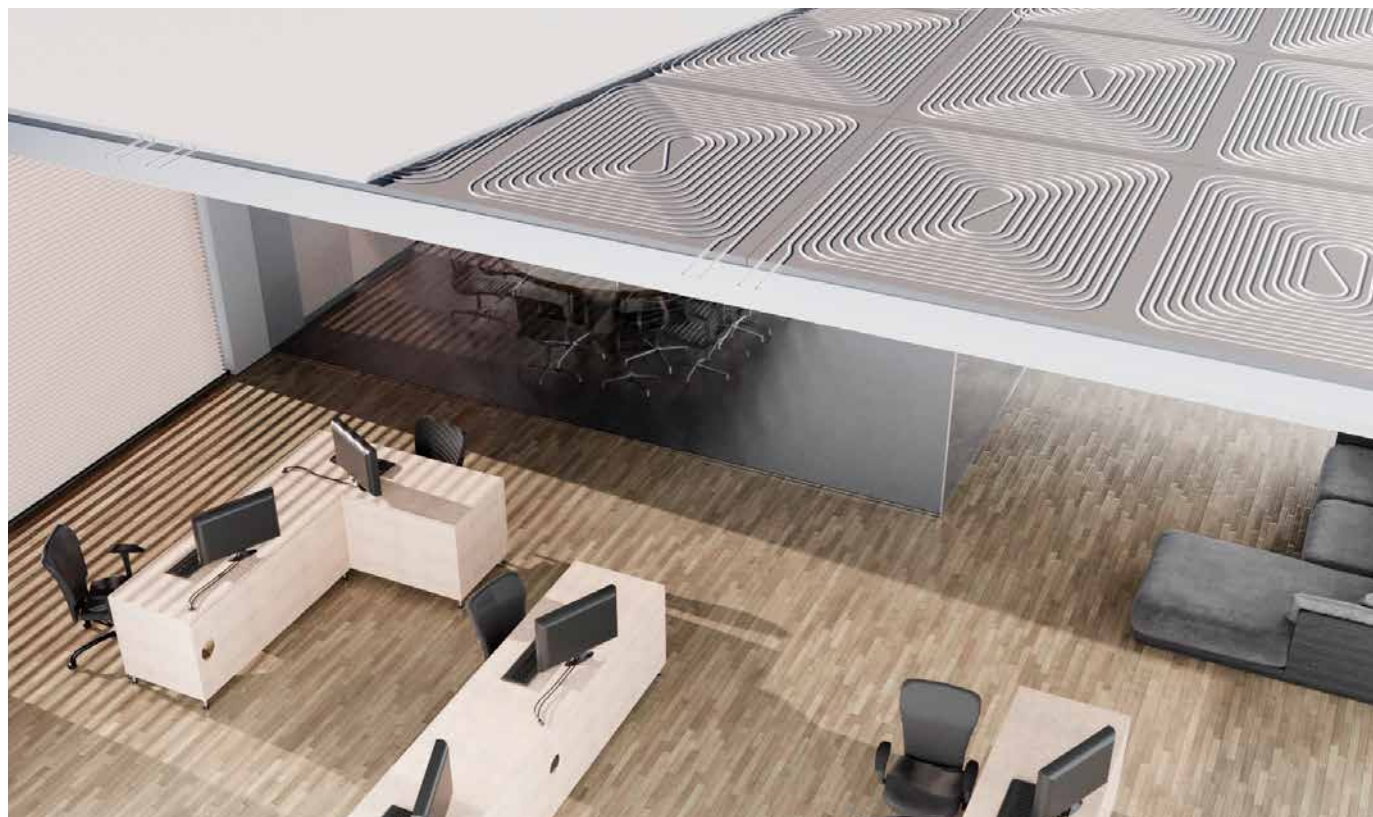
GKC ULTRA-P is a radiant ceiling system consisting of pre-assembled panels with plasterboard finish. Suitable for heating and cooling of residential applications and finds its natural extension in hotel rooms, commercial environments and in all those contexts where a false ceiling finish is required. The panels of the GKC ULTRA-P 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.

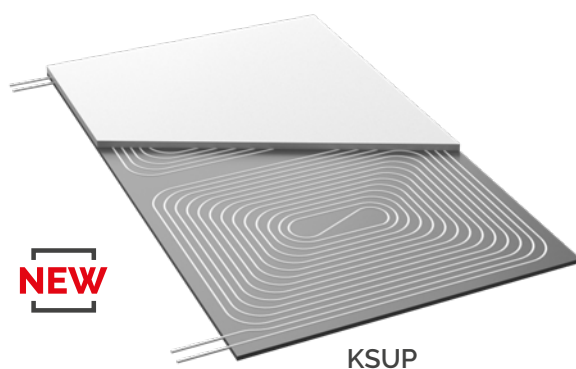
PLASTERBOARD RADIANT PANELS

WHY CHOOSE IT?

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



GKC ULTRA-P



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



For more details see catalogue
Radiant ceiling systems

ER0004

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.

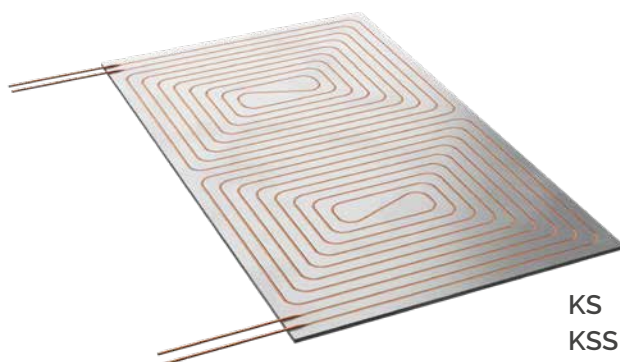
PLASTERBOARD RADIANT PANELS

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 ABSORPTION
- AVAILABLE WITH FIRE RESISTANCE
- AVAILABLE IN WATER-REPELLENT VERSION
- TWO LEVELS OF PERFORMANCE FOR THE NEED FOR COMFORT



GKC CLASSIC AND SUPER CLASSIC



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.

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 ABSORPTION



CUSTOMIZABLE SYSTEM IN FINISH AND INTERSPACING ON REQUEST

GK-V ULTRA



K135C

Technical features:

- Post galvanized steel sheet panel painted in RAL 9003 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 $\Delta T = 8\text{ K}$ in cooling
- 150 W/m² according to EN 14037 at $\Delta T = 15\text{ K}$ in heating

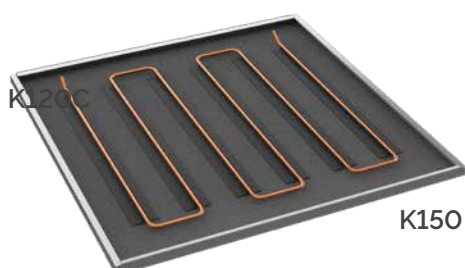
GK ULTRA is a metal ceiling system particularly suitable for space heating and cooling open space: offices, halls, commercial environments, airports, school buildings. It is characterized by modularity 1524x1524 mm and a cross-type bearing structure. The hanging system is such as to allow a perfect fit 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 ABSORPTION



CUSTOMIZABLE SYSTEM IN FINISH AND INTERSPACING ON REQUEST

GK ULTRA**Technical features:**

- Post galvanized steel sheet panel painted in RAL 9003 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/m² according to EN 14240 at $\Delta T = 8$ K in cooling
- 134 W/m² according to EN 14037 at $\Delta T = 15$ K in heating

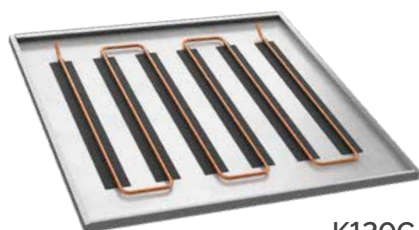
GK TOP is a metal ceiling system particularly suitable for both heating and cooling open space environments for both medium / small environments: offices, halls, commercial environments, airports, public buildings. It is characterized by the modularity 1200x1200 with crossed structure and 600x1200 mm 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?

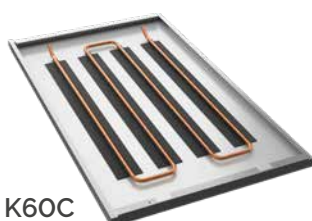
- SUITABLE FOR OPEN SPACE OR MEDIUM / SMALL ENVIRONMENTS
- EASY INTEGRATION OF ILLUMINATING BODIES INTO STRUCTURE
- SUPPORTING STRUCTURE CROSSED OR PARALLEL TYPE
- FULLY INSPECTIONABLE WITHOUT DRAINING THE CIRCUIT



CUSTOMIZABLE SYSTEM IN FINISH AND INTERSPACING ON REQUEST

GK TOP

K120C



K60C

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)

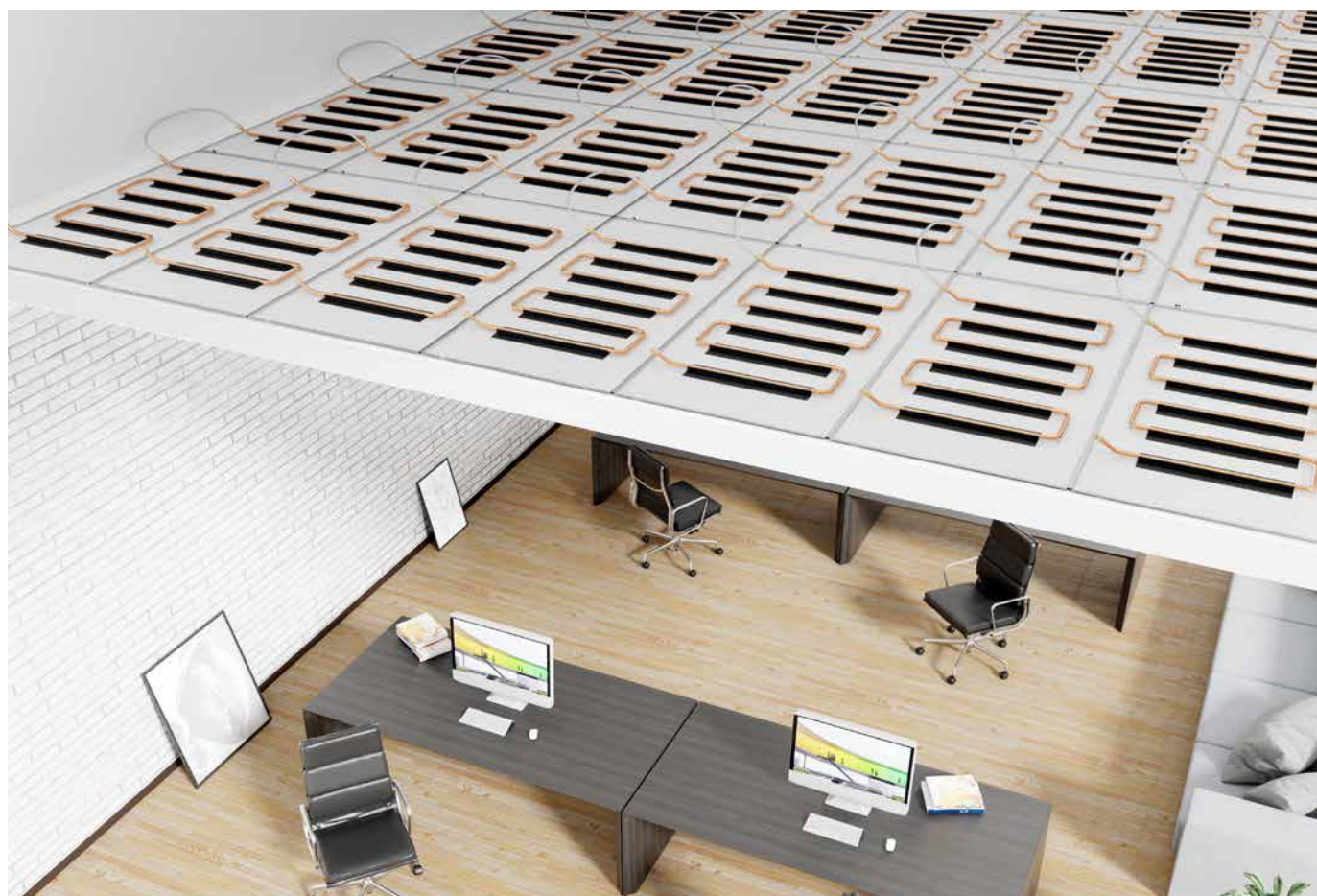
THERMAL PERFORMANCE (REFERRED TO ACTIVE AREA):

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

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

K12C



K6C

Technical features:

- Post galvanized steel sheet panel painted in RAL 9010 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/m² according to EN 14240 at $\Delta T = 8$ K in cooling
- 132 W/m² according to EN 14037 at $\Delta T = 15$ K in heating

MANIFOLDS

Regardless of its economic value and its size, each component of an optimised system must offer the 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 the system.

68	Distribution manifolds
71	Manifolds with dynamic flow balancing for heating system
74	Preassembled manifolds for heating system
78	Modular Manifolds for heating system
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Energy Management



Radiant Systems



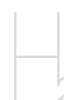
Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems



Fire Protection

Distribution manifolds

R551

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





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.

Distance: 70 mm	PRODUCT CODE	SIZE		
	R551Y102	1 1/4" x 3/4" /2	1	8
	R551Y103	1 1/4" x 3/4" /3	1	5
	R551Y104	1 1/4" x 3/4" /4	1	5
	R551Y105	1 1/4" x 3/4" /5	1	8
	R551Y106	1 1/4" x 3/4" /6	1	7
	R551Y182	1 1/2" x 1" /2	1	3
	R551Y183	1 1/2" x 1" /3	1	3
	R551Y184	1 1/2" x 1" /4	1	5
	R551Y185	1 1/2" x 1" /5	1	5
	R551Y186	1 1/2" x 1" /6	1	3
	R551Y187	1 1/2" x 1" /7	1	3
Distance: 100 mm	R551Y188	1 1/2" x 1" /8	1	3
	R551Y189	1 1/2" x 1" /9	1	2
	R551Y190	1 1/2" x 1" /10	1	2
	R551Y191	1 1/2" x 1" /11	1	2
	R551Y192	1 1/2" x 1" /12	1	-
	R551Y162	2" x 1" /2	1	4
	R551Y163	2" x 1" /3	1	4
	R551Y164	2" x 1" /4	1	2
	R551Y165	2" x 1" /5	1	2
	R551Y166	2" x 1" /6	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 centre 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 centre distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 16 bar

EUROCON 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



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

① INFO

Use key R558 or R558N for the balancing.

EUROCON 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

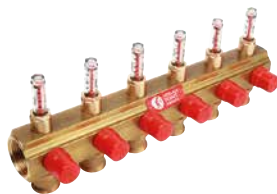
For connection to the pipe use the base 3/4" Eurocone adaptors

R553M

BASE 18

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	-
R553MY102	1" x 18 /2 *	1	10
R553MY103	1" x 18 /3 *	1	10
R553MY104	1" x 18 /4 *	1	10
R553MY105	1" x 18 /5 *	1	-
R553MY106	1" x 18 /6 *	1	-
R553MY107	1" x 18 /7 *	1	-
R553MY108	1" x 18 /8 *	1	-
R553MY109	1" x 18 /9 *	1	-
R553MY110	1" x 18 /10 *	1	-
R553MY111	1" x 18 /11 *	1	-
R553MY112	1" x 18 /12 *	1	-
R553MY124	1 1/4" x 18 /4 *	1	-
R553MY125	1 1/4" x 18 /5 *	1	-
R553MY126	1 1/4" x 18 /6 *	1	-
R553MY127	1 1/4" x 18 /7 *	1	-
R553MY128	1 1/4" x 18 /8 *	1	-
R553MY129	1 1/4" x 18 /9 *	1	-
R553MY130	1 1/4" x 18 /10 *	1	-
R553MY131	1 1/4" x 18 /11 *	1	-
R553MY132	1 1/4" x 18 /12 *	1	-

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



Delivery manifold with lockshields and flow meters (scale: 0,5-5 l/min), with outlets with base or Eurocone adaptor connections. Outlets centre 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.

EUROCONNECTION

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

BASE 18

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



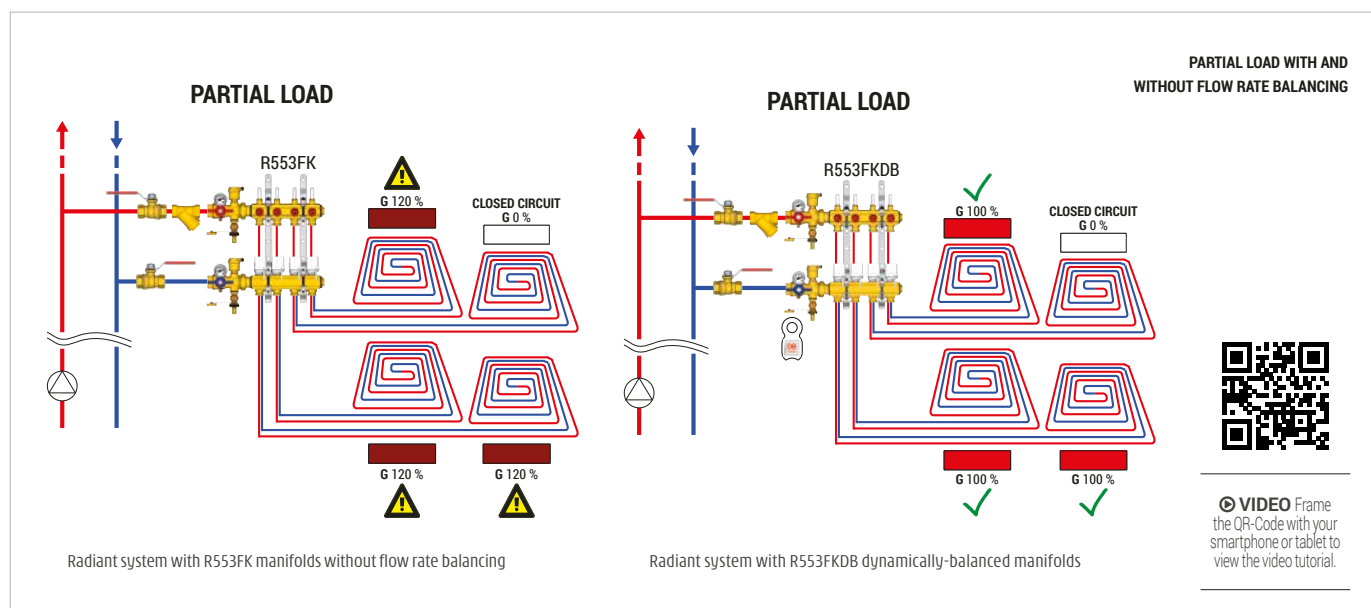
Return manifold with shut-off valves with manual handwheels, with outlets with base or Eurocone adaptor connections. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators. Outlets centre distance 50 mm. Temperature range: 5÷110 °C. Max. working pressure: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

EUROCONNECTION

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

➤ Manifolds with dynamic flow balancing for heating system



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	-

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	-

NOTES

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÷5 l/min&0,15÷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÷5 l/min&0,15÷1,5 GPM + return module with dynamic High Flow balancing bonnet and 3/4"E outlets.
- P583Y004: nut and gasket for inlet module.



INFO



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.

Technopolymer pre-assembled modular manifold for HVAC systems, with dynamic flow balancing and independent setting for each individual circuit.

Outlets connections for copper, plastic or multilayer pipe adapters.

Center distance between the outlets 50 mm.

Temperature range 5÷60 °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÷150 kPa (HF).

Flow meters: scale 0÷2,5 l/min (LF); double scale 0,5÷5 l/min and 0,15÷1,5 GPM (HF).

The kit includes:

- delivery 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;
- pair of R269T multifunction valves;
- R588FP metal brackets;
- R73PY010 key for presetting.

Optionals

- R500-2: flush-mounting metal cabinet, 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.

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	-

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	-

INFO



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.



NOTES

Optional

- R500-2: flush-mounting metal cabinet, 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.

Brass manifold for HVAC systems with dynamic flow balancing and independent setting for each individual circuit.

Outlets connections for copper, plastic or multilayer pipe adapters.

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÷2,6 l/min (LF); scale 0,5÷5 l/min (HF).

The kit includes:

- delivery 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.

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	-

NOTES

Optional

- R500-2: flush-mounting metal cabinet, 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.



INFO



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 flow balancing and independent setting for each individual circuit.

Outlets connections for copper, plastic or multilayer pipe adapters.

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).

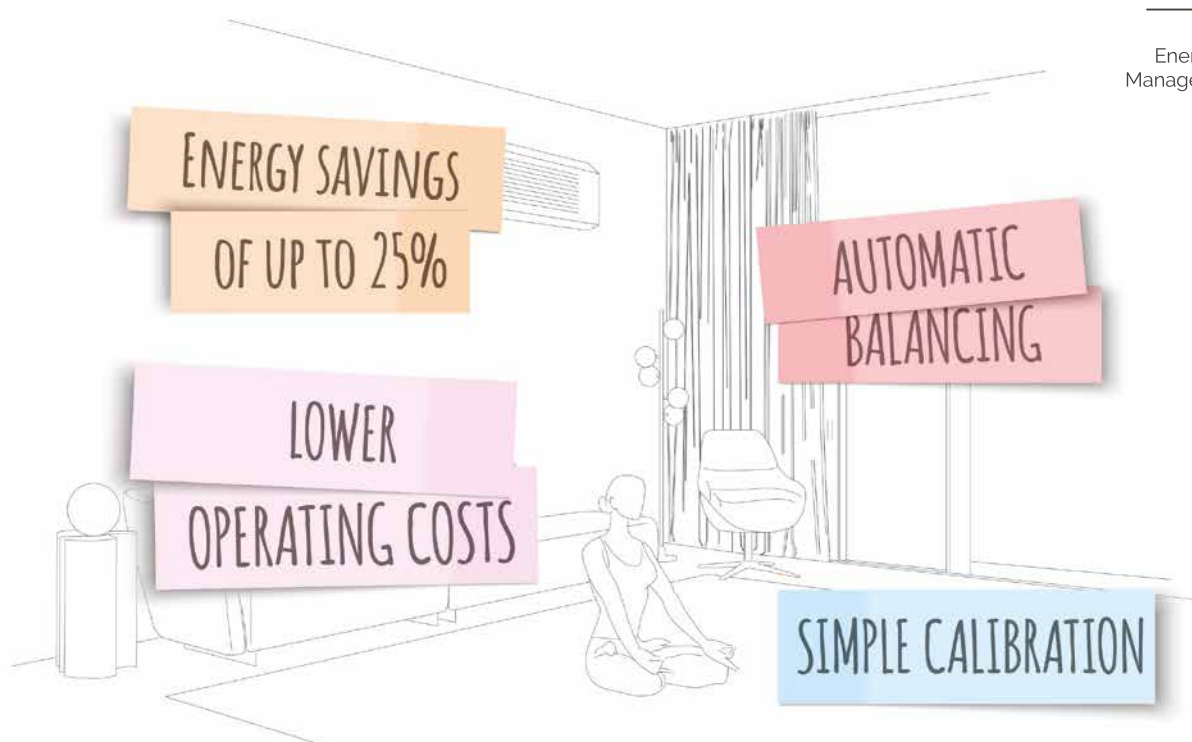
Working differential pressure range:

20÷60 kPa (LF).

Flow meters: scale 0,4÷2,6 l/min (LF).

The kit includes:

- R553F delivery 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.



Less energy is needed when everything is in balance.

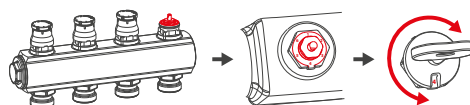


Pre-assembled DB manifolds with integrated dynamic balancing.

The DB Series pre-assembled manifolds incorporate Giacomini's patented technology for dynamic flow-rate balancing, getting the maximum performance from heating or cooling systems.

More efficient than normal manifolds. they ensure the ideal temperature in every room at all times, unrivalled reliability without impurities and without shutdowns for service, and additional comfort guaranteed by the total absence of vibrations.

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



GIACOMINI
WATER E-MOTION

FIND OUT
MORE ABOUT
THE DB SERIES
MANIFOLDS



➤ Preassembled manifolds for heating system

R553D

BASE 18

PRODUCT CODE	SIZE	□	⊞
R553Y002	1" x 18 /2	1	-
R553Y003	1" x 18 /3	1	-
R553Y004	1" x 18 /4	1	-
R553Y005	1" x 18 /5	1	-
R553Y006	1" x 18 /6	1	-
R553Y007	1" x 18 /7	1	-
R553Y008	1" x 18 /8	1	-
R553Y009	1" x 18 /9	1	-
R553Y010	1" x 18 /10	1	-
R553Y011	1" x 18 /11	1	-
R553Y012	1" x 18 /12	1	-
R553Y022	1 1/4" x 18 /2	1	-
R553Y023	1 1/4" x 18 /3	1	-
R553Y024	1 1/4" x 18 /4	1	-
R553Y025	1 1/4" x 18 /5	1	-
R553Y026	1 1/4" x 18 /6	1	-
R553Y027	1 1/4" x 18 /7	1	-
R553Y028	1 1/4" x 18 /8	1	-
R553Y029	1 1/4" x 18 /9	1	-
R553Y030	1 1/4" x 18 /10	1	-
R553Y031	1 1/4" x 18 /11	1	-
R553Y032	1 1/4" x 18 /12	1	-
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	-

LAST IN PRODUCTION



Preassembled manifold for HVAC systems.

Composed of:

- 1 delivery 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

① INFO

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

* Manifold with reduced brackets R588Z, for mounting inside the R500-2 cabinets.

EUROCONE CONNECTION

PRODUCT CODE	SIZE	□	⊞
R553EY002	1" x 3/4"E /2	1	-
R553EY003	1" x 3/4"E /3	1	-
R553EY004	1" x 3/4"E /4	1	-
R553EY005	1" x 3/4"E /5	1	-
R553EY006	1" x 3/4"E /6	1	-
R553EY007	1" x 3/4"E /7	1	-
R553EY008	1" x 3/4"E /8	1	-
R553EY009	1" x 3/4"E /9	1	-
R553EY010	1" x 3/4"E /10	1	-
R553EY011	1" x 3/4"E /11	1	-
R553EY012	1" x 3/4"E /12	1	-
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	-

LAST IN PRODUCTION

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

CIRCUIT BALANCING

The delivery manifold is equipped with micrometric mechanical-memory lockshields to balance the circuits.

Using the special R558N wrench, first open the screwdriver ring nuts completely and then, starting from the fully-closed position, the Allen wrench lockshields, based on the number of turns shown by calibration diagrams.

Once balanced, the ring nuts must be completely retightened to their lockshields.

This operation enables to close and reopen the circuits at a later time, maintaining the initial calibration.



R553F

BASE 18

PRODUCT CODE	SIZE		
R553FY002	1" x 18 /2	1	-
R553FY003	1" x 18 /3	1	-
R553FY004	1" x 18 /4	1	-
R553FY005	1" x 18 /5	1	-
R553FY006	1" x 18 /6	1	-
R553FY007	1" x 18 /7	1	-
R553FY008	1" x 18 /8	1	-
R553FY009	1" x 18 /9	1	-
R553FY010	1" x 18 /10	1	-
R553FY011	1" x 18 /11	1	-
R553FY012	1" x 18 /12	1	-
R553FY102	1" x 18 /2 **	1	-
R553FY103	1" x 18 /3 **	1	-
R553FY104	1" x 18 /4 **	1	-
R553FY105	1" x 18 /5 **	1	-
R553FY106	1" x 18 /6 **	1	-
R553FY107	1" x 18 /7 **	1	-
R553FY108	1" x 18 /8 **	1	-
R553FY109	1" x 18 /9 **	1	-
R553FY110	1" x 18 /10 **	1	-
R553FY111	1" x 18 /11 **	1	-
R553FY112	1" x 18 /12 **	1	-
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	-
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



Preassembled manifold for HVAC systems.

Composed of:

- 1 delivery manifold with lockshields and flow meters (scale 0,5-5 l/min).
- 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

① INFO

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

* Manifold with reduced brackets R588Z, to allow installation within the R500-2 cabinets.

** With flow meters scale 0,4-2,6 l/min.

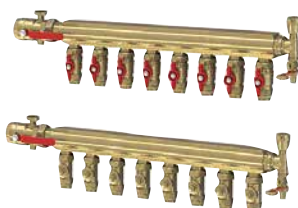
EUROCONC CONNECTION

PRODUCT CODE	SIZE		
R553FY042	1" x 3/4"E /2	1	-
R553FY043	1" x 3/4"E /3	1	-
R553FY044	1" x 3/4"E /4	1	-
R553FY045	1" x 3/4"E /5	1	-
R553FY046	1" x 3/4"E /6	1	-
R553FY047	1" x 3/4"E /7	1	-
R553FY048	1" x 3/4"E /8	1	-
R553FY049	1" x 3/4"E /9	1	-
R553FY050	1" x 3/4"E /10	1	-
R553FY051	1" x 3/4"E /11	1	-
R553FY052	1" x 3/4"E /12	1	-
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

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 delivery 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 centre distance: 80 mm.

① INFO

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

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

FOR CABINETS R500, DEPTH 110 MM

PRODUCT CODE	SIZE		
R553DK022	1" x 18 /2	1	-
R553DK023	1" x 18 /3	1	-
R553DK024	1" x 18 /4	1	-
R553DK025	1" x 18 /5	1	-
R553DK026	1" x 18 /6	1	-
R553DK027	1" x 18 /7	1	-
R553DK028	1" x 18 /8	1	-
R553DK029	1" x 18 /9	1	-
R553DK030	1" x 18 /10	1	-
R553DK031	1" x 18 /11	1	-
R553DK032	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

① INFO

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

MULTIFUNCTION VALVES R269T INCLUDED



R553FK

FOR CABINETS R500-2, DEPTH 85-130 MM

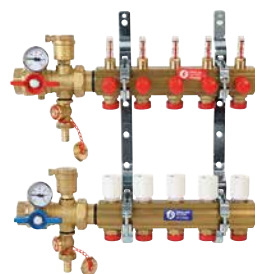
PRODUCT CODE	SIZE		
R553FK102	1" x 18 /2	1	-
R553FK103	1" x 18 /3	1	-
R553FK104	1" x 18 /4	1	-
R553FK105	1" x 18 /5	1	-
R553FK106	1" x 18 /6	1	-
R553FK107	1" x 18 /7	1	-
R553FK108	1" x 18 /8	1	-
R553FK109	1" x 18 /9	1	-
R553FK110	1" x 18 /10	1	-
R553FK111	1" x 18 /11	1	-
R553FK112	1" x 18 /12	1	-

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

FOR CABINETS R500, DEPTH 110 MM

PRODUCT CODE	SIZE		
R553FK022	1" x 18 /2	1	-
R553FK023	1" x 18 /3	1	-
R553FK024	1" x 18 /4	1	-
R553FK025	1" x 18 /5	1	-
R553FK026	1" x 18 /6	1	-
R553FK027	1" x 18 /7	1	-
R553FK028	1" x 18 /8	1	-
R553FK029	1" x 18 /9	1	-
R553FK030	1" x 18 /10	1	-
R553FK031	1" x 18 /11	1	-
R553FK032	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

① INFO

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

MULTIFUNCTION VALVES R269T INCLUDED



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



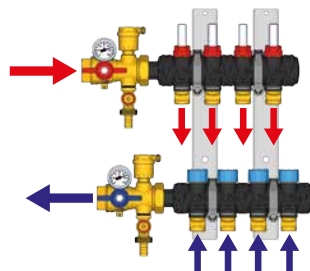
Preassembled modular manifold for HVAC systems, made of technopolymer, composed of:

- delivery manifold with flow meters (double scale: 0,5÷5 l/min and 0,15÷1,5 GPM) with fluid adjustment/shut-off function.
- return manifold with shut-off valves with manual handwheels (connection M30 x 1,5 mm).
- R269T multifunction valves.
- Metal brackets R588FP.

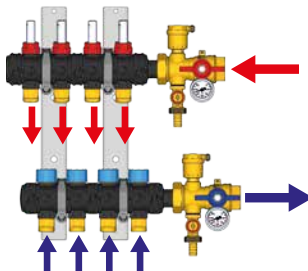
Optionally it is possible to replace the handwheels with R473, R473M thermo-electric actuators with the relative ring nut R453FY002 (included with the kit).

Outlets with Eurocone adaptor connections.
Temperature range: 5÷60 °C
Max. working pressure: 6 bar

Inlet from LEFT



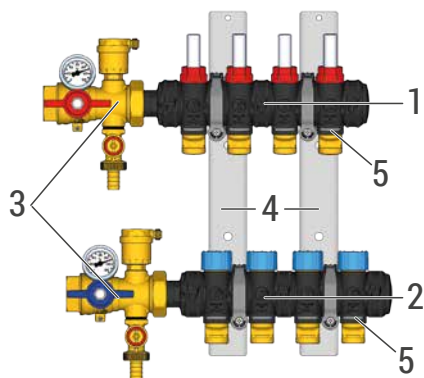
Inlet from RIGHT



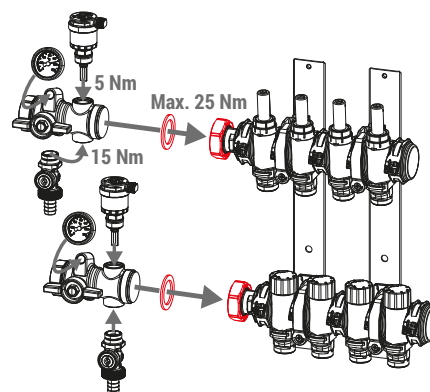
MULTIFUNCTION VALVES R269T INCLUDED



COMPONENTS



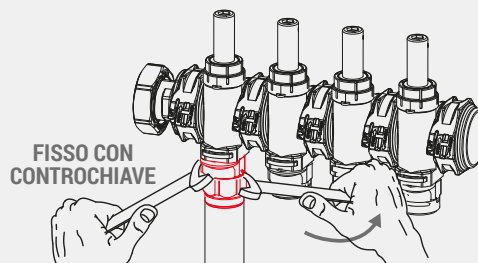
- 1 Delivery manifold with outlets equipped with flow meters
- 2 Return manifold with outlets with a shut-off valve
- 3 Multifunction valves equipped with drain cock, automatic air vent valve, thermometer and shut-off ball valve
- 4 Brackets R588FP
- 5 Clip for fixing the eccentric fitting



⚠ WARNING. When tightening the adaptor it is necessary to use a backup spanner to hold the manifold fitting in stationary.

To connect the system circuit pipes use suitable adaptors for copper, plastic or multilayer pipes from the R178E and R179E (Eurocone) series.

📌 NOTE. Thanks to the eccentric fittings, even in the installation with piping inlet from the right, the connection of the pipe's system circuits will be easy and practical.



Modular Manifolds for heating system

R580M

PRODUCT CODE	SIZE		
R580MY006	DN32 x 18	1	50
R580MY106	DN32 x 3/4" Eurocone	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 centre distance 35 mm.



DN32: outlets centre distance 50 mm.

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



R580T

PRODUCT CODE	SIZE		
R580TY006	DN32 x 1" x 18	1	40
R580TY106	DN32 x 1" x 3/4" Eurocone	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 centre distance 35 mm.

DN32: outlets centre distance 50 mm.

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



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 centre distance 50 mm.

Temperature range: 5÷110 °C


Max. working pressure: 10 bar



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 centre distance 50 mm.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar



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 centre 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 centre distance 50 mm.

Temperature range: 5÷110 °C



Max. working pressure: 10 bar



INFO

Use key R558 or R558N for the balancing.

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 centre 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 centre distance 50 mm.



Temperature range: 5÷110 °C

Max. working pressure: 10 bar



Cabinets and brackets for manifolds



R500

PRODUCT CODE	SIZE		
R500Y101	400 x 460 x 110 mm	1	-
R500Y102	600 x 460 x 110 mm	1	-
R500Y103	800 x 460 x 110 mm	1	-
R500Y104	1000 x 460 x 110 mm	1	-

Flush-mounting cabinet for manifold.
Sheet metal made door and frame, painted.





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-mounting cabinet for manifold, with
adjustable wall bearing.



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-mounting cabinet for manifold, with
adjustable height and depth. Sheet metal
made door and frame, painted.
To be used in combination with manifolds
installed on R588Z brackets.

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.



R509-1

PRODUCT CODE	SIZE		
R509Y101	400 x 460 mm	1	-
R509Y102	600 x 460 mm	1	-
R509Y103	800 x 460 mm	1	-
R509Y104	1000 x 460 mm	1	-

Frame and door for R500 cabinet.





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.





R500-2E

PRODUCT CODE	SIZE		
R500Y215	500 x 450 x 80 mm	1	-
R500Y217	700 x 450 x 80 mm	1	-
R500Y218	850 x 450 x 80 mm	1	-

Metallic cabinet flush with the wall, with
adjustable and depth.
Sheet metal made door, painted.
To be used in combination with manifolds
installed on P583 or R588Z brackets.





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-mounting cabinet for manifold.
Sheet metal made door and frame, painted.



R501

PRODUCT CODE	SIZE		
R501Y001	400 x 700 x 110 mm	1	-
R501Y002	600 x 700 x 110 mm	1	-
R501Y003	800 x 700 x 110 mm	1	-
R501Y004	1000 x 700 x 110 mm	1	-


CABINET FOR R553KI MANIFOLDS

PRODUCT CODE	SIZE		
R501Y010	980 x 700 x 230 mm	1	-

Surface-mounting cabinet for manifold, with
wall bearing.



R588

PRODUCT CODE	SIZE		
R588Y001	3/4" - 1" - 1 1/4"	2	20

Metallic bracket for R553D, R553F manifolds
in R500, R502 cabinets.



LAST IN
PRODUCTION

R588Z

PRODUCT CODE	SIZE		
R588ZY001	3/4-1-1 1/4	1	50

Reduced metallic bracket for R553D, R553F 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.



R588FP

PRODUCT CODE	SIZE		
R588FPY001	DN32	1	50

Metal bracket with supports for R553FP and R553FPDB 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").



Components for manifolds

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



VIDEO
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the video tutorial.



Pair of multifunction valves (delivery 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 Ø 40 mm, scale 0÷120 °C;
- inlet for immersion temperature probe Ø 6 mm;
- end plugs for manifolds.



R554A

PRODUCT CODE	SIZE		
R554AY001	1" x 3/4"	1	25

Self-sealing end piece for manifold, with:

- Nr.1 R88I 1/2"
- Nr.1 R608 1/2"



R554B

PRODUCT CODE	SIZE		
R554BY004	3/4"	1	25
R554BY005	1"	1	25
R554BY006	1 1/4"	1	25

Self-sealing end piece for manifold, with:

- Nr.1 R591D
- Nr.1 R88I 3/8"
- Nr.1 R608 1/2"



R554C

PRODUCT CODE	SIZE		
R554CY004	3/4"	1	25
R554CY005	1"	1	25
R554CY006	1 1/4"	1	25

Self-sealing end piece for manifold, with:

- Nr.1 R591D
- Nr.1 R66A 3/8"
- Nr.1 R608 1/2"



R554D

PRODUCT CODE	SIZE		
R554DY005	1"	1	20
R554DY006	1 1/4"	1	20

Self-sealing end piece for manifold, with:

- Nr.1 R592D
- Nr.1 R88I 1/2"
- Nr.1 R608 1/2"
- Nr.1 R540 3/8"
- Nr.1 R92 1/2"



R554I

PRODUCT CODE	SIZE		
R554IY004	3/4"	1	20
R554IY005	1"	1	20
R554IY035	1" - Hygroscopic cap	1	20

Self-sealing end piece for manifold, with automatic air vent valve and drain cock.



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.



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 1 1/2" 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

FOR R554D + R259D

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.



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	3/8" - 0÷80 °C - Ø40 mm	1	-
R540Y003	1/2" - 0÷120 °C - Ø61,5 mm	1	-
R540Y021	3/8" - 0÷120 °C - Ø40 mm	1	-

Thermometer, back 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.



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 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.



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.



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 regulation 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 thermostatic valves and dynamic balancing 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 R553FPDB, R553FSDB manifolds, equipped with R73PY010 regulation 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 manifolds 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
Frame the QR-Code with your smartphone or tablet to view the video tutorial.

P553FP

PRODUCT CODE	SIZE		
P553FPY011	-	1	-
P553FPY012	-	1	-
P553FPY005	-	1	-
P553FPY006	-	1	-
P553FPY030	-	1	-
P553FPY017	-	1	-
P553FPDB011	-	1	-
P553FPDB012	-	1	-
P553FPDB030	-	1	-
P553FPDB031	-	1	-



Spare parts for R553FP and R553FPDB manifolds.

INFO

- P553FPY011: delivery module with flow meter with double scale 0,5÷5 l/min&0,15÷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)
- P553FPY030: kit composed of delivery module + return module with 3/4"E outlets
- P553FPY017: delivery module with flow meter with scale 0÷2,5 l/min 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
- 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÷5 l/min&0,15÷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.



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

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
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
R580CY052	1" x 3/4"Eurocone /2	1	5
R580CY053	1" x 3/4"Eurocone /3	1	5
R580CY054	1" x 3/4"Eurocone /4	1	3

BASE 16

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

Modular manifold, outlets with base, Eurocone and 1/2" adaptor connections. Manifolds 3/4" x 1/2": outlets centre distance 35 mm.

Manifolds 1" x 3/4"Eurocone: outlets centre distance 40 mm.

Manifolds 3/4" x 16 and 1" x 16: outlets centre distance 35 mm.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

① INFO

With manifolds: R580CY062, R580CY063, R580CY064 can be used only adaptors R179EY055, R179EY056, R179EY058, RM179Y113, RM179Y116, R178EY121, R178EY122, R178EY123, R178EY124, R178EY125.

With manifolds: R580CY072, R580CY073, R580CY074 can be used only adaptors R179PY014.

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.



R585C

1/2" AND 3/4"EUROCONE

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
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

BASE 16

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

Modular manifold with shut-off valves and manual handwheels.

Manifolds 3/4" x 1/2": outlets centre distance 35 mm.

Manifolds 3/4" x 16 and 1" x 16: outlets centre distance 50 mm.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

① INFO

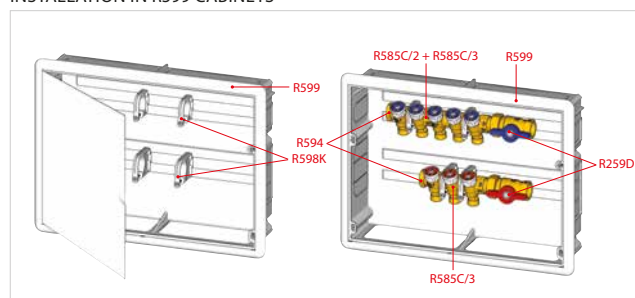
With manifolds: R585CY062, R585CY063, R585CY064 can be used only adaptors R179EY055, R179EY056, R179EY058, RM179Y113, RM179Y116, R178EY121, R178EY122, R178EY123, R178EY124, R178EY125.

With manifolds: R585CY072, R585CY073, R585CY074 can be used only adaptors R179PY014.

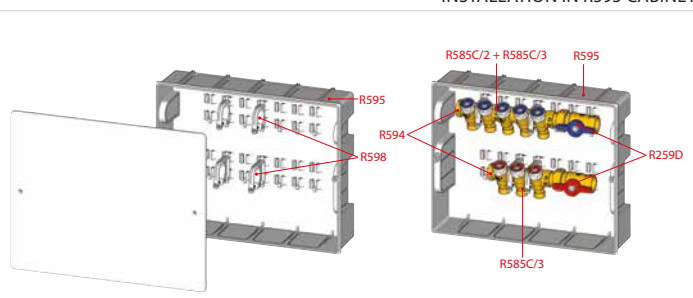
With base 16 manifolds use base 16 R178, R179, R179AM adaptors.



INSTALLATION IN R599 CABINETS



INSTALLATION IN R595 CABINETS



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 centre distance 35 mm.

DN32: outlets centre 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 centre 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 centre distance 35 mm.

DN32: outlets centre 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 centre distance 35 mm

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



➤ Cabinets and brackets for manifolds for domestic water systems

R599

PRODUCT CODE	SIZE		
R599Y001	400 x 300 x 90 mm	1	-

Plastic cabinet complete with frame and door for R585C and R580C modular manifolds (R598K supports shall be purchased separately).



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

(centre distance 35 mm)

- DN25 modular manifolds

- Modular manifolds R580CY062, R580CY063, R580CY064, R585CY062, R585CY063, R585CY064.



R584

PRODUCT CODE	SIZE		
R584Y101	332 x 272 x 86 mm	1	8
R584Y102	412 x 272 x 86 mm	1	8
R584Y103	512 x 272 x 86 mm	1	8
R584Y104	612 x 272 x 86 mm	1	8

Plastic cabinet with cover and fixing kit.
For 3/4" or 1" manifolds, series R580, R551, R580C, R585C and modular manifolds DN25.



R598D

PRODUCT CODE	SIZE		
R598Y004	For 1" x 16 bar and DN25 modular	1	10

Brackets for R595 cabinet, designed for manifold R580 and R585 sizes 1"x12, 1"x16, 1"x3/8" and modular manifold DN25.



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 R585T frame.



R598K

PRODUCT CODE	SIZE		
R598KY001	3/4"	1	10
R598KY002	1"	1	10

Brackets for R599 cabinet, designed for R585C and R580C modular manifolds.



R595T

PRODUCT CODE	SIZE		
R595TY001	-	1	-

Metallic frame for plastic cover. To be used in combination with R595P plastic cover.



R598

PRODUCT CODE	SIZE		
R598Y007	For R580C-R585C 3/4"x1/2"	1	10

Brackets for R595 cabinet, designed for manifold R580C and R585C.



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.

















R598C
















PRODUCT CODE	SIZE		
R598Y003	For 3/4" x 16 bar manifold	1	10

Brackets for R595 cabinet, designed for manifold R580 and R585 series sizes 3/4"x12, 3/4"x16, 3/4"x3/8".



Combination of manifolds and accessories


















PRODUCT CODE	SIZE	Ø OUTLETS	CENTRE DISTANCE [mm]	WALL WRECESS	R599	R595	R500-2	R500	R557I	R584	R501	R502
												
R551 	3/4"	3/8"	35	R588 R588Z R588L R583			R588Z	R588		SUPPLIED WITH CABINET		R588
	3/4"	1/2"	50				R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
	1"	3/8"	35	R588 R588Z R588L R588R R583			R588Z	R588	R588R	SUPPLIED WITH CABINET		R588
	1"	1/2"	50				R588Z	R588	R588L R588R	SUPPLIED WITH CABINET		R588
	1 1/4"	1/2"	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	1 1/4"	3/4"	70				R588Z	R588	R588L			R588
	1 1/2"	1"	100									
	2"	1"	100	R588P								
R582A 	1 1/4"	3/4"	100	R588 R588Z R588L			R588Z	R588	R588L			R588
R551S 	3/4"	Base 18	50	R588 R588Z R588L R583			R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
	1"	Base 18	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R	SUPPLIED WITH CABINET		R588
	1 1/4"	Base 18	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	3/4"	3/4"E	50	R588 R588Z R588L R583			R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
	1"	3/4"E	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R	SUPPLIED WITH CABINET		R588
R553S 	1"	Base 18	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R			R588
	1 1/4"	Base 18	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	1"	3/4"E	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R			R588
R553M 	1"	Base 18	50	R588 R588Z R588L R588R			R588Z	R588	R588L R588R			R588
	1 1/4"	Base 18	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	1"	3/4"E	50	R588 R588Z R588L R588R			R588Z	R588	R588L R588R			R588
R553V 	1"	Base 18	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R			R588
	1 1/4"	Base 18	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	1"	3/4"E	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R			R588

PRODUCT CODE	SIZE	Ø OUTLETS	CENTRE DISTANCE [mm]	WALL WRECESS	R599	R595	R500-2	R500	R557I	R584	R501	R502
												
R580 	3/4"	016	35	R588 R588Z R588L R583		R598C	R588Z	R588		SUPPLIED WITH CABINET		R588
	1"	016	35	R588 R588Z R588L R588R R583		598D	R588Z	R588	R588R	SUPPLIED WITH CABINET		R588
	3/4"	016	50	R588 R588Z R588L R583		R598C	R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
	1"	016	50	R588 R588Z R588L R588R R583		598D	R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
R585 	3/4"	016	35	R588 R588Z R588L R583		R598C	R588Z	R588				R588
	1"	016	35	R588 R588Z R588L R588R R583		598D	R588Z	R588	R588R			R588
R580M R580T 	DN25	016	35	R583						SUPPLIED WITH CABINET		
	DN32	018	50	R588F R588D				R588D	R588F			R588D
	DN32	3/4"E	50	R588F R588D				R588D	R588F			R588D
R585M R585T 	DN25	016	35	R583						SUPPLIED WITH CABINET		
R53S 	DN32	018	50	R588F R588D				R588D	R588F			R588D
	DN32	3/4"E	50	R588F R588D				R588D	R588F			R588D
R53M 	DN32	018	50	R588F R588D				R588D	R588F			R588D
	DN32	3/4"E	50	R588F R588D				R588D	R588F			R588D
R53V 	DN32	018	50	R588F R588D				R588D	R588F			R588D
	DN32	3/4"E	50	R588F R588D				R588D	R588F			R588D

PRODUCT CODE	SIZE	Ø OUTLETS	CENTRE DISTANCE [mm]	WALL WRECESS	R599	R595	R500-2	R500	R557I	R584	R501	R502	R502
													
R553D 	1"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1 1/4"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
	1 1/4"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
	1"	3/4"E	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	3/4"E	50	DEPTH 110 MM	R588*				R588*				R588*
R553F 	1"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1 1/4"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
	1 1/4"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
	1"	3/4"E	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	3/4"E	50	DEPTH 110 MM	R588*				R588*				R588*
R553K 	1"	3/4"E	50	DEPTH 110 MM	R588L*					R588L*			
R553DK 	1"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
R553FK 	1"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*

* BRACKET INCLUDED

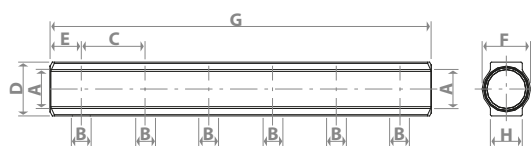
** BRACKET AND CABINET INCLUDED

PRODUCT CODE	SIZE	Ø OUTLETS	CENTRE DISTANCE [mm]	WALL WRECESS	R599	R595	R500-2	R500	R557I	R584	R501	R502
												
R557  R557F 	1"	0 18	50	R588L*					R588L*			
R557R-2 	1"	0 18	50						R588R**			
R583D  R583V 	1"	0 18	50	R588Z			R588Z					
R580C 	3/4"	1/2"	35	R583	R598K	R598				SUPPLIED WITH CABINET		
	1"	3/4"E	40		R598K					SUPPLIED WITH CABINET		
R580C  ⚠ Pitch varies with installation of multiple modules	3/4"	0 16	35	R583	R598K	R598				SUPPLIED WITH CABINET		
	1"	0 16	35		R598K					SUPPLIED WITH CABINET		
R585C 	3/4"	1/2"	35MM	R583	R598K	R598						
R585C 	3/4"	0 16	50	R583	R598K	R598						
	1"	0 16	50		R598K							

* BRACKET INCLUDED

** BRACKET AND CABINET INCLUDED

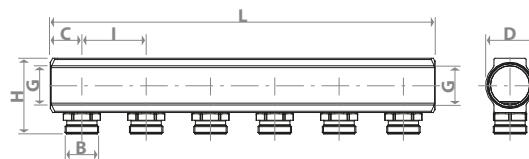
R551



	3/4"x3/8" center distance 35	3/4"x1/2" center distance 50	1"x3/8" center distance 35	1"x1/2" center distance 50	1 1/4"x1/2" center distance 50	1 1/4"x3/4" center distance 70	1 1/2"x1" center distance 100	2"x1" center distance 100
G	3/4"F	3/4"F	1"F	1"F	1 1/4"F	1 1/4"F	1 1/2"F	2"F
F	3/8"F	1/2"F	3/8"F	1/2"F	1/2"F	3/4"F	1"F	1"F
I	35	50	35	50	50	70	100	100
C	21	23	23	25	25	27	35	37
D	31	31	38	38	47	47	55	68
H	35	36	41	42	51	51	62	74

OUTLETS	center distance	2	3	4	5	6	7	8	9	10	11	12
L 3/4"x3/8"	35	76	111	146	181	216	251	286	321	360	391	426
L 3/4"x1/2"	50	95	145	195	245	295	345	395	445	495	545	595
L 1"x3/8"	35	80	115	150	185	220	255	290	325	360	395	430
L 1"x1/2"	50	99	149	199	249	299	349	399	449	499	549	599
L 1 1/4"x1/2"	50	99	149	199	249	299	349	399	449	499	549	599
L 1 1/4"x3/4"	70	124	194	264	334	404	-	-	-	-	-	-
L 1 1/2"x1"	100	169	269	369	469	569	669	769	869	969	1069	1169
L 2"x1"	100	174	274	374	474	574	-	-	-	-	-	-

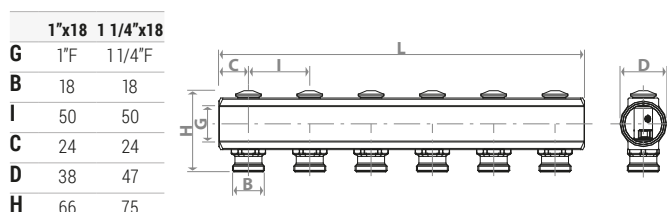
R551S



	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

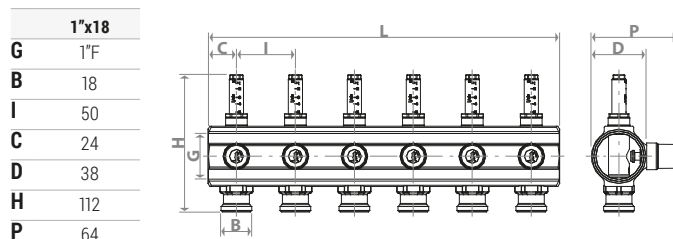
OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L 3/4"	91	141	191	241	291	341	391	441	491	541	-
L 1"	99	149	199	249	299	349	399	449	499	549	599
L 1 1/4"	99	149	199	249	299	349	399	449	499	549	599

R553S



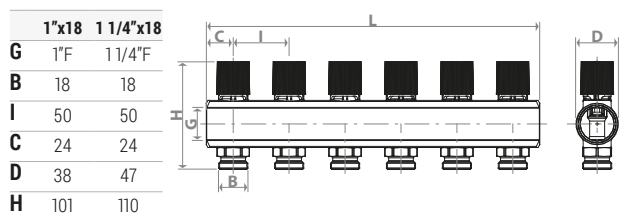
OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L 1"	98	148	198	248	298	348	398	448	498	548	598
L 1 1/4"	98	148	198	248	298	348	398	448	498	548	598

R553M



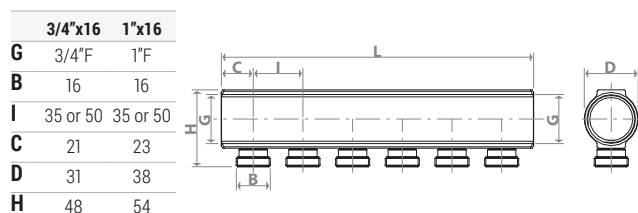
OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L	98	148	198	248	298	348	398	448	498	548	598

R553V



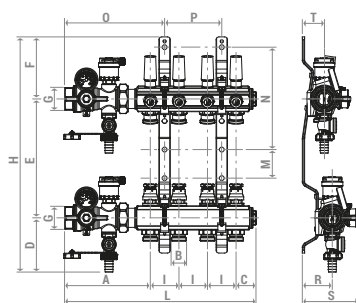
OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L	98	148	198	248	298	348	398	448	498	548	598

R580



centre distance	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

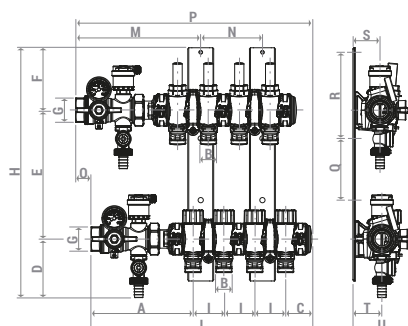
R553FKDB



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				

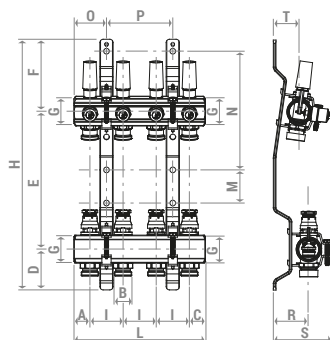
R553FPDB



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						R500Y221
R553FPDB344 - R553FPDB364	4										358		100		383						R500Y222
R553FPDB345 - R553FPDB365	5										408		150		433						R500Y222
R553FPDB346 - R553FPDB366	6										458		200		483						R500Y222
R553FPDB347 - R553FPDB367	7	165	3/4"E	43	95	209	101	G 1"	405	50	508	202	250	25	533	100	140	44	47	93	R500Y222
R553FPDB348 - R553FPDB368	8										558		300		583						R500Y223
R553FPDB349 - R553FPDB369	9										608		350		633						R500Y222
R553FPDB350 - R553FPDB370	10										658		400		683						R500Y222
R553FPDB351 - R553FPDB371	11										708		450		733						R500Y222
R553FPDB352 - R553FPDB372	12										758		500		783						R500Y224

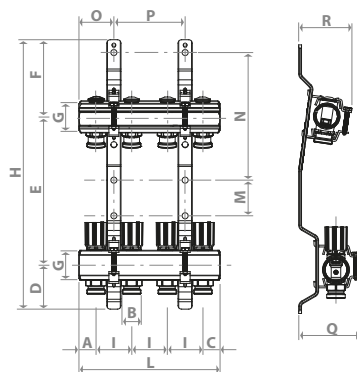
R553FDB



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
R553FDB142	2										98				-				R500Y221
R553FDB143	3										148				50				
R553FDB144	4										198				100				
R553FDB145	5										248				150				R500Y222
R553FDB146	6										298				200				
R553FDB147	7	24	3/4"E	24	62	208	108	G 1"	378	50	348	50	179	49	250	53	86	39	
R553FDB148	8										398				300				
R553FDB149	9										448				350				R500Y223
R553FDB150	10										498				400				
R553FDB151	11										548				450				R500Y224
R553FDB152	12										598				500				

R553D

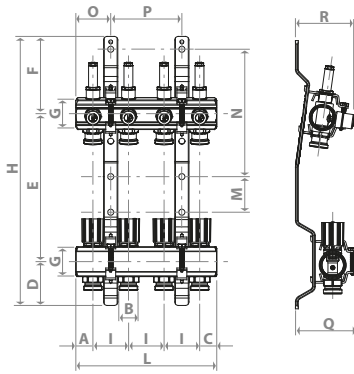


	A	C	D	E	F	H	I	M	N	O	Q	R
Manifold 1"	24	24	62	208	108	378	50	50	179	49	86	81
Manifold 1 1/4"	24	24	62	208	104	378	50	50	179	49	88	85

PRODUCT CODE	G x B	OUTLETS	P	L	Cabinet
R553ZY002 - R553ZY042	1" x base 18 1" x 3/4" E	2	-	98	R500Y221
R553ZY003 - R553ZY043		3	50	148	R500Y221
R553ZY004 - R553ZY044		4	100	198	R500Y222
R553ZY005 - R553ZY045		5	150	248	R500Y222
R553ZY006 - R553ZY046		6	200	298	R500Y222
R553ZY007 - R553ZY047		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	1 1/4" x base 18	2	-	98	R500Y221
R553ZY023		3	50	148	R500Y221
R553ZY024		4	100	198	R500Y222
R553ZY025		5	150	248	R500Y222
R553ZY026		6	200	298	R500Y222
R553ZY027		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

R553F

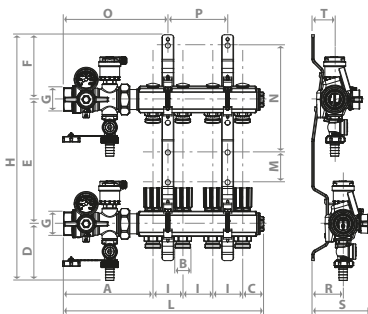
DIMENSIONS MM



	A	C	D	E	F	H	I	M	N	O	Q	R
Manifold 1"	24	24	62	208	108	378	50	50	179	49	86	83
Manifold 1 1/4"	24	24	62	208	104	378	50	50	179	49	88	88

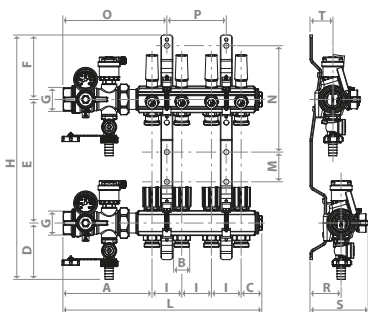
PRODUCT CODE	G x B	OUTLETS	P	L	Cabinet
R553FZY002 - R553FZY042	1" x base 18 1" x 3/4" E	2	-	98	R500Y221
R553FZY003 - R553FZY043		3	50	148	R500Y221
R553FZY004 - R553FZY044		4	100	198	R500Y222
R553FZY005 - R553FZY045		5	150	248	R500Y222
R553FZY006 - R553FZY046		6	200	298	R500Y222
R553FZY007 - R553FZY047		7	250	348	R500Y222
R553FZY008 - R553FZY048		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	1 1/4" x base 18	2	-	98	R500Y221
R553FZY023		3	50	148	R500Y221
R553FZY024		4	100	198	R500Y222
R553FZY025		5	150	248	R500Y222
R553FZY026		6	200	298	R500Y222
R553FZY027		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

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	1 x base 18	149	36	95	208	108	411	50	235								R500Y221
R553DK103	3									285								R500Y221
R553DK104	4									335								R500Y222
R553DK105	5									385								R500Y222
R553DK106	6									435								R500Y222
R553DK107	7									485	50	179	174	100	53	99	38	R500Y222
R553DK108	8									535								R500Y223
R553DK109	9									585								R500Y223
R553DK110	10									635								R500Y223
R553DK111	11									685								R500Y224
R553DK112	12									735								R500Y224

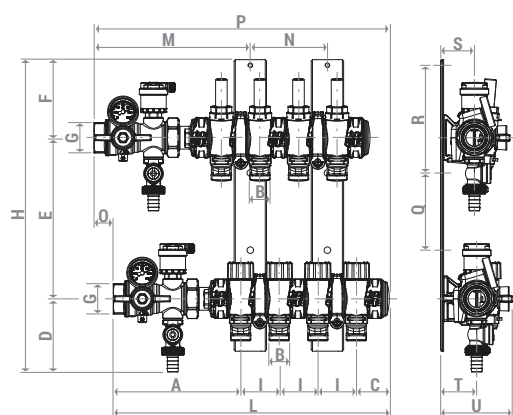
R553FK



PRODUCT CODE	OUTLETS	G x B	A	c	D	E	F	H	I	L	M	N	O	P	R	S	T	CABINET
R553FK102	2	1 x base 18	149	36	95	208	108	411	50	235								R500Y221
R553FK103	3									285								R500Y221
R553FK104	4									335								R500Y222
R553FK105	5									385								R500Y222
R553FK106	6									435								R500Y222
R553FK107	7									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

R553FP

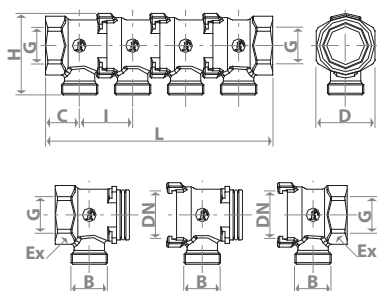
DIMENSIONS MM



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						R500Y221
R553FP304	4										358		100		383						R500Y222
R553FP305	5										408		150		433						R500Y222
R553FP306	6										458		200		483						R500Y222
R553FP307	7	165	3/4"E	43	95	209	101	G1"	405	50	508	202	250	25	533	100	140	44	47	93	R500Y222
R553FP308	8										558		300		583						R500Y223
R553FP309	9										608		350		633						R500Y223
R553FP310	10										658		400		683						R500Y223
R553FP311	11										708		450		733						R500Y223
R553FP312	12										758		500		783						R500Y224

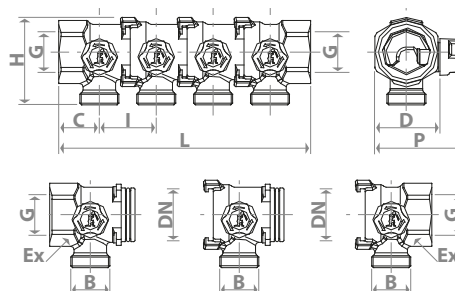
R580T-R580M



	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

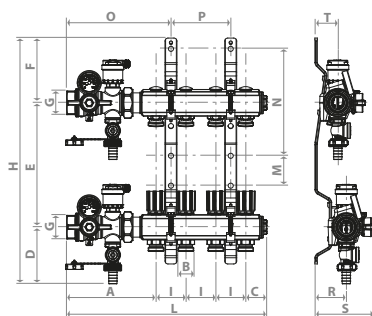


	3/4"xDN25 x16	1"xDN25 x16
G	3/4"	1"
B	16	16
EX	31	39
I	35	35
C	22	25
D	31	39
DN	25	25
H	54	54
P	51	55

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

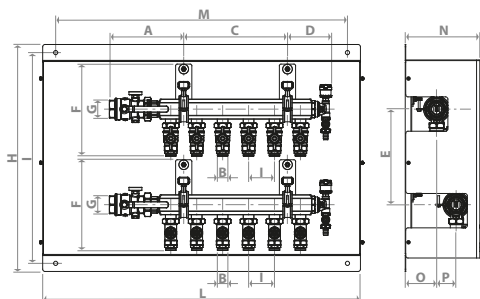
R557F

DIMENSIONS MM



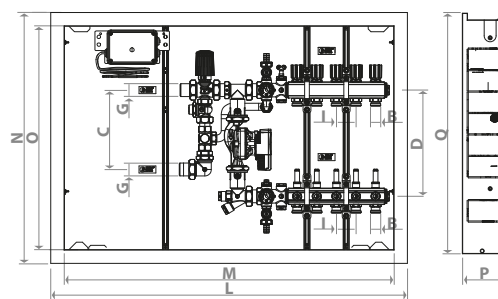
PRODUCT CODE	OUTLETS	G x B	I	K	H	E	M	N	O	L	P
R557FY002	2								/	377	
R557FY003	3								/	427	
R557FY004	4								100	477	
R557FY005	5								150	527	
R557FY006	6								200	577	
R557FY007	7	1 x base 18	50	11/2"	433-473	274-314	137	130-180	250	627	117
R557FY008	8								300	677	
R557FY009	9								350	727	
R557FY010	10								400	777	
R557FY011	11								450	827	
R557FY012	12								500	877	

R553KI + R501



PRODUCT CODE	OUTLETS	G x B	A	C	D	E	F	H	I	L	M	N	O	P
R553KY086	6			320										
R553KY087	7	11/2" x 1"	229	400	136	295	284	700	650	980	900	230	97	60
R553KY088	8			480										

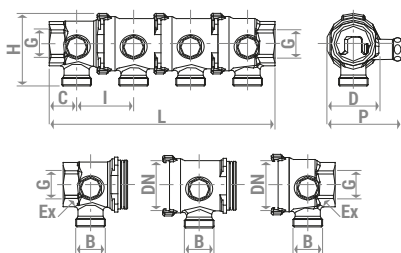
R557R-2



PRODUCT CODE	G x B	I	C	D	P	O	N	Q	M	L
R557RY024									850	910
R557RY025										
R557RY026										
R557RY027									1000	1060
R557RY028	1" x base 18	50	202	271	110	570	640	605		
R557RY029										
R557RY030										
R557RY031									1200	1260
R557RY032										

R53SM+R53ST

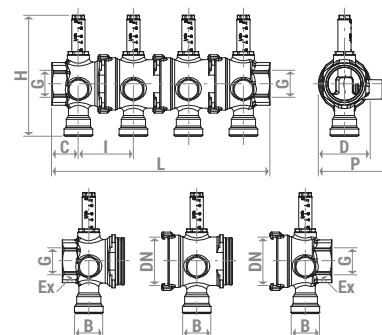
	1"xDN32x18	1 1/4"xDN32
G	1"	1 1/4"
B	18	18
EX	39	48
I	50	50
C	24	27
D	48	48
DN	32	32
H	64	64
P	66	66



OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R53ST						1					
R53SM	-	1	2	3	4	5	6	7	8	9	10
L 1"xDN32	98	148	198	248	298	348	398	448	498	548	598
L 1 1/4"xDN32	104	154	204	254	304	354	404	454	504	554	604

R53MM+R53MT

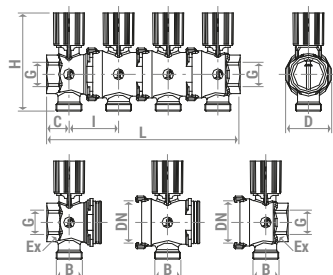
	1"xDN32x18	1 1/4"xDN32
G	1"	1 1/4"
B	18	18
EX	39	48
I	50	50
C	24	27
D	48	48
DN	32	32
H	108	108
P	66	66



OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R53MT						1					
R53MM	-	1	2	3	4	5	6	7	8	9	10
L 1"xDN32	98	148	198	248	298	348	398	448	498	548	598
L 1 1/4"xDN32	104	154	204	254	304	354	404	454	504	554	604

R53VM+R53VT

	1"xDN32x18	1 1/4"xDN32
G	1"	1 1/4"
B	18	18
EX	39	48
I	50	50
C	23	27
D	48	48
DN	32	32
H	100	100

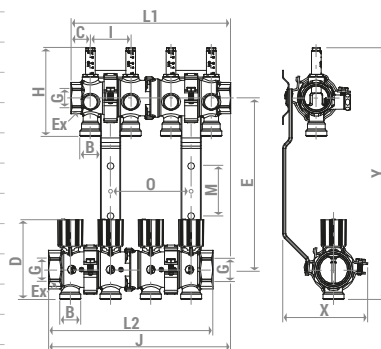


OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R53VT						1					
R53VM	-	1	2	3	4	5	6	7	8	9	10
L 1"xDN32	95	145	195	245	295	345	395	445	495	545	595
L 1 1/4"xDN32	104	154	204	254	304	354	404	454	504	554	604

R53MT MM+R53VT VM

DIMENSIONS MM

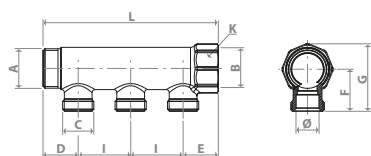
	1"xDN32x18	1 1/4"xDN32x18
G	1"	1 1/4"
B	18	18
I	50	50
C	24	27
D	100	100
H	108	108
L1	98	104
L2	95	104
J	123	129
EX	39	48
E	213	213
M	62	62
X	106	106
Y	312	312



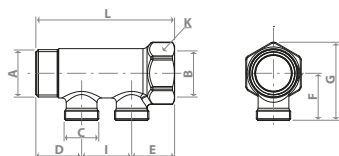
OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R53MT+R53VT						1					
R53MM+R53MT	-	1	2	3	4	5	6	7	8	9	10
O* 1"xDN32	-	50	100	150	200	250	300	350	400	450	500
O* 1 1/4"xDN32	-	50	100	150	200	250	300	350	400	450	500

* the O distance refers to the installation of the two brackets after the first module, and before the last one respectively.

R580C

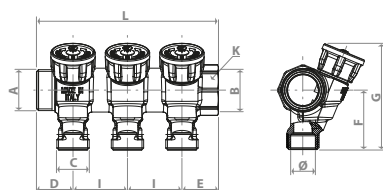


PRODUCT CODE	SIZE A x B	C	Ø	D	E	F	G	I	K	L
R580CY062	3/4"M x 3/4"F	1/2"	16	23,5	23,5	28,5	45	35	31	82
R580CY063										117
R580CY064										152
R580CY052	1"M x 1"F	3/4" E	18	26	26	33	53	40	38	92
R580CY053										132
R580CY054										172

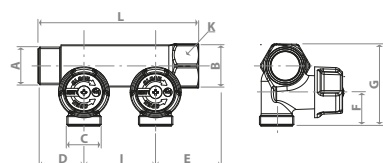


PRODUCT CODE	SIZE A x B	C	D	E	F	G	I	K	L
R580CY022	3/4"M x 3/4"F	16	32	30	28	46	35	31	97
R580CY023									132
R580CY024									167
R580CY042	1"M x 1"F	16	32	30	33	55	35	39	97
R580CY043									132
R580CY044									167

R585C



PRODUCT CODE	SIZE A x B	C	Ø	D	E	F	G	I	K	L
R585CY062	3/4"M x 3/4"F	1/2"	16	23,5	23,5	28,5	69	35	31	82
R585CY063										117
R585CY064										152



PRODUCT CODE	SIZE A x B	C	D	E	F	G	I	K	L
R585CY022	3/4"M x 3/4"F	16	32	30	42	58	50	31	112
R585CY023									162
R585CY024									212
R585CY042	1"M x 1"F	16	32	30	45	65	50	39	112
R585CY043									162
R585CY044									212

BALL VALVES AND DRAIN COCKS

Giacomini ball valves are designed to provide high mechanical resistance minimizing the 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.

- 102 Valves for water for heating/cooling systems,
liquid hydrocarbons and not dangerous gas
- 108 Valves for dangerous gas
- 109 Valves for domestic water use with DVGW approval
- 112 Valves with alternative standards for water for heating/cooling
systems, dangerous and not dangerous gas
- 114 Special valves for heating system
- 115 Mini Valves
- 116 BIB cocks
- 116 Accessories and spare parts
- 119 Technical and dimensional data



Energy Management



Radiant Systems



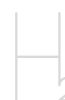
Water Management



Gas Distribution



Renewable Sources





Hydrogen Systems



Fire Protection

Valves for water for heating/cooling systems, liquid hydrocarbons and not dangerous gas

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 ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Red lever handle (water use).





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 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 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 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 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 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 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 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 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 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 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"	4	20
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 ball valve, with female-female threaded connections and anti-dezincification 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"	1	20
R851TX008	2"	1	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"	10	100
R854X024	3/4"	5	50
R854X025	1"	5	25
R854X026	1 1/4"	4	20

Ball valve, with female-male threaded connections. 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).



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).



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).



R859

RED T-HANDLE

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

PRODUCT CODE	SIZE	□	▣
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. Red or blue 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).



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).



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 Ø 9 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	50
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	20
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

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 threaded connections, with drain cock with hose connection Ø9 mm. Chrome plated brass finishing. Standard port. Red T-handle (water use).

① 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"M x 1"F	1	10

Couple of ball valves with thermometers (R540 series), with female-tail piece male threaded connections. Chrome plated brass finishing. Standard port. Red and blue T-handles (water use).

Connection for thermometer: 3/8".



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).



R258D

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).



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 T-handle, one lug (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 T-handle, one lug (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 T-handle, one lug (water use).



R254P-1

PRODUCT CODE	SIZE		
R254PX012	1/2"M x 1/2"F nut	10	70
R254PX014	3/4"M x 3/4"F nut	10	70

Ball valve, with male-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing. Standard port. Red T-handle, one lug (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

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).



R251P

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE		
R251PX002	1/2"F x 1/2"F nut	10	100
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	5	50
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	5	50
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).



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).



BALL VALVES WITH NUT.

For under-boiler installation and other hydraulic connections.



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

R251P-1



Suitable for water for heating/cooling systems and not dangerous gas. Valve made of UNI EN 12165 CW617N nickel plated brass. Standard port. Aluminium one lug T-handle, red painted.

R251P-1



Suitable for water for heating/cooling systems and not dangerous gas. Valve made of UNI EN 12165 CW617N nickel plated brass. Standard port. Aluminium one lug T-handle, red painted.

R780P-1



Suitable for water for heating/cooling systems and not dangerous gas. Valve made of UNI EN 12165 CW617N nickel plated brass. Standard port. Aluminium one lug T-handle, red painted.



R781P-1



Suitable for water for heating/cooling systems and not dangerous gas. Valve made of UNI EN 12165 CW617N nickel plated brass. Standard port. Aluminium one lug T-handle, red painted.

Valves for dangerous gas


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 ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Yellow lever handle (gas use).




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).





R250D

PRODUCT CODE	SIZE		
R250X029	2 1/2"	2	4
R250X030	3"	2	4
R250X031	4"	1	2

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Standard port. Yellow lever handle (gas use).



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'.

 INFO



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CERTIFICATIONS AND SYMBOLS



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.

 INFO



Certificate available on giacomini.com



CERTIFICATIONS AND SYMBOLS



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.

 INFO

Certificate available on giacomini.com



CERTIFICATIONS AND SYMBOLS



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.

 INFO

Certificate available on giacomini.com



CERTIFICATIONS AND SYMBOLS



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.

INFO

Certificate available on giacomini.com



CERTIFICATIONS AND SYMBOLS



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'.

INFO

Certificate available on giacomini.com



CERTIFICATIONS AND SYMBOLS



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'.

INFO

Certificate available on giacomini.com



CERTIFICATIONS AND SYMBOLS



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



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).



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).



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".



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"	10	100
R251WX103	1/2"	10	100
R251WX104	3/4"	5	50
R251WX105	1"	5	25
R251WX106	1 1/4"	4	20

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	5	50
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	50
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	20
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.

① INFO

Drain cock 1/4".



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.



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.



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.



➤ Valves with alternative standards for water for heating/cooling systems, dangerous and not dangerous

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).



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.

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).



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.



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 Fx F	10	100
R910UY004	3/4" NPT Fx F	5	50
R910UY005	1" NPT Fx F	5	25
R910UY006	1 1/4" NPT Fx F	4	20
R910UY007	1 1/2" NPT Fx F	2	10
R910UY008	2" NPT Fx F	2	10
R910UY009	2 1/2" NPT Fx F	2	4
R910UY010	3" NPT Fx F	1	2
R910UY011	4" NPT Fx F	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	10
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.



Special valves for heating system

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 circulator 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 wrench.



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 circulator 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 circulator connection, with thermometers (R540 series), check valves (R288), plugs (R92). Brass finishing. Standard port. Red and blue T-handles (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).



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 circulator 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 circulator 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 circulator 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).



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	100

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 wrench.



INFO

R608Y012, R608Y013, R608Y014: with hose connection, nut and cap. R608Y022, R608Y023, R608Y024: with hose connection and nut. R608Y033, R608Y034: with cap only.

R603

PRODUCT CODE	SIZE		
R603X103	1/2"	5	50
R603X104	3/4"	5	50

Ball cock, with female-tail piece male threaded connections. Nickel plated brass finishing. Standard port. Red short lever handle (water use).



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 wrench.



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 wrench.



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 wrench.



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 wrench.



Mini 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).



● DOMESTIC WATER ● HOT WATER ● COLD WATER

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).



● DOMESTIC WATER ● HOT WATER ● COLD WATER

BIB cocks



R619

PRODUCT CODE	SIZE		
R619IX103	1/2"	5	50

BIB cock, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red short lever handle (water use).



R621

PRODUCT CODE	SIZE		
R621X003	1/2"	5	50
R621X014	3/4"	5	50
R621X015	1"	3	30

BIB cock, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red lever handle (water use).




R620

PRODUCT CODE	SIZE		
R620X003	1/2"	5	50
R620X014	3/4"	5	50
R620X015	1"	3	30

BIB cock, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red T-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

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".



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.



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.



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	-

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.



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

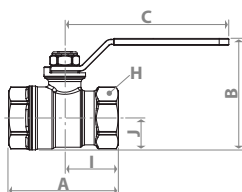
WARNING

Check the operating conditions by referring to the specific Technical Datasheet

DIMENSIONS MM

R950

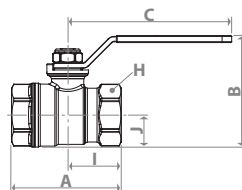
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,9
3/8"	10	49	25	47	13	77	21	7
1/2"	15	60	30	53	16	77	26	13,3
3/4"	20	68	34	69	21	95	32	25,8
1"	25	81	41	77	25	95	41	50,9
1 1/4"	32	95	48	87	30	95	50	103
1 1/2"	40	104	52	107	36	137	55	147
2"	50	126	63	122	44	137	70	222



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)

R910

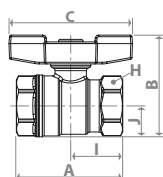
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	50	25	47	13	77	21	7
1/2"	15	57	28	53	16	77	25	13,3
3/4"	20	62	31	70	21	95	32	25,8
1"	25	76	38	78	25	95	39	50,9
1 1/4"	32	86	43	88	30	95	47	103
1 1/2"	40	97	48	109	37	137	54	147
2"	50	111	55	125	46	137	67	222
2 1/2"	65	153	76	170	58	187	82	336
3"	80	173	87	189	68	187	96	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"
 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

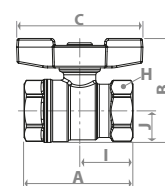
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	49	25	48	13	63	21	7
1/2"	15	56	28	56	16	63	25	13,3
3/4"	20	62	31	64	21	73	32	25,8
1"	25	76	38	72	25	73	39	50,9
1 1/4"	32	86	43	82	30	73	47	103



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"

R951

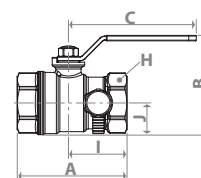
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	42	17	6,9
3/8"	10	49	25	47	13	63	21	7
1/2"	15	60	30	53	16	63	26	13,3
3/4"	20	68	34	69	21	77	32	25,8
1"	25	81	41	77	25	77	41	50,9
1 1/4"	32	95	48	87	30	77	50	103



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"

R910S

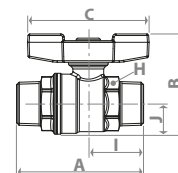
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	62	34	52	16	77	25	13,3
3/4"	20	68	37	69	21	95	32	25,8
1"	25	82	44	77	25	95	39	50,9
1 1/4"	32	100	57	87	30	95	47	103
1 1/2"	40	110	62	108	37	137	54	147
2"	50	125	69	124	46	137	67	222



Temperature range with water 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" - 1 1/2" - 2"

R913

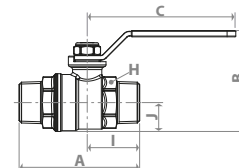
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	63	28	49	13	63	21	7
1/2"	15	74	34	55	17	63	25	13,3
3/4"	20	82	38	64	21	73	32	25,8
1"	25	93	44	73	25	73	39	50,9
1 1/4"	32	108	50	82	30	73	47	103



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"

R913L

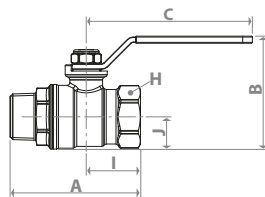
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	63	28	46	13	77	21	7
1/2"	15	73	34	52	16	77	25	13,3
3/4"	20	82	38	69	21	95	32	25,8
1"	25	92	44	77	25	95	39	50,9
1 1/4"	32	108	50	87	30	95	47	103



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"

R914L

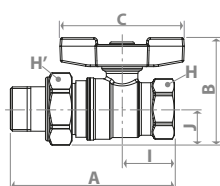
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	36	10	42	17	6,9
3/8"	10	59	25	46	13	77	21	7
1/2"	15	68	28	52	16	77	25	13,3
3/4"	20	76	31	69	21	95	32	25,8
1"	25	88	39	77	25	95	39	50,9
1 1/4"	32	102	43	87	30	95	47	103
1 1/2"	40	105	48	108	37	137	54	147
2"	50	124	55	124	46	137	67	222



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working 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"

R919

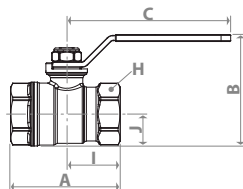
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F X 1/2" M	15	88	28	55	17	63	25	30	13,3
1/2" F X 3/4" M	15	90	28	59	21	63	25	38	13,3
3/4" F X 3/4" M	20	97	32	65	22	73	32	38	25,8
3/4" F X 1" M	20	101	31	67	23	73	32	46	25,8
1" F X 1" M	25	109	38	72	25	73	39	46	50,9
1" F X 1 1/4" M	25	115	38	77	30	73	39	53	50,9
1 1/4" F 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

R850

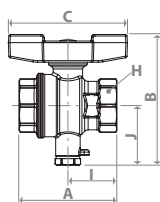
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,6
3/8"	10	46	23	45	13	77	20	6,7
1/2"	15	53	27	51	16	77	25	12,7
3/4"	20	60	30	67	20	95	31	24,6
1"	25	74	37	76	25	95	38	48,5
1 1/4"	32	84	42	85	29	95	47	98
1 1/2"	40	95	47	104	35	137	54	140
2"	50	109	54	120	43	137	66	211



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"

R851T

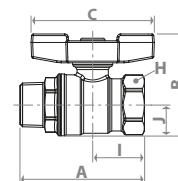
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	53	27	73	35	63	25	12,7
3/4"	20	60	30	80	37	73	31	24,6
1"	25	74	37	86	39	73	38	48,5



Temperature range with water 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) for 1/2" - 3/4"
 2,8 MPa (28 bar) for 1"

R914

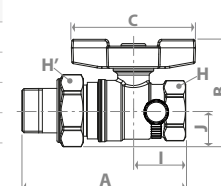
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	35	10	40	17	6,9
3/8"	10	59	25	48	13	63	21	7
1/2"	15	68	28	55	16	63	25	13,3
3/4"	20	76	31	64	21	73	32	25,8
1"	25	87	38	72	25	73	39	50,9
1 1/4"	32	102	43	82	30	73	47	103



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"

R919S

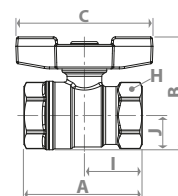
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F X 1/2" M	15	93	34	55	17	63	25	30	13,3
3/4" F X 3/4" M	20	103	37	65	21	73	32	38	25,8
1" F X 1" M	25	115	44	72	26	73	39	46	50,9
1 1/4" F X 1 1/4" M	32	137	57	82	30	73	48	53	103



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"

R851

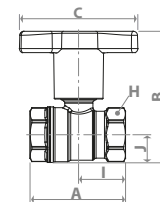
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	35	10	40	17	6,6
3/8"	10	46	23	48	13	63	20	6,7
1/2"	15	53	27	54	16	63	25	12,7
3/4"	20	60	30	63	20	73	31	24,6
1"	25	74	37	72	25	73	38	48,5
1 1/4"	32	84	42	82	29	73	47	98



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"

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

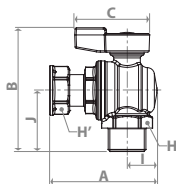


Temperature range with water and not dangerous gas:
 -20÷110 °C (-20 °C with 50 % glycol solutions), possibility of 120 °C for short periods of time
 Max. working pressure at 20 °C with water and not dangerous gas:
 3,5 MPa (35 bar) for 3/8" - 1/2" - 3/4"
 2,8 MPa (28 bar) for 1" - 1 1/4" - 1 1/2" - 2"

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

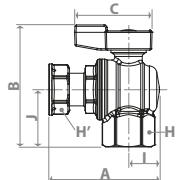
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
1,6 MPa (16 bar)



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

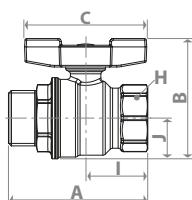
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
1,6 MPa (16 bar)



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

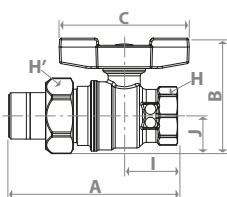
Min. working temperature:
-20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam:
185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1 1/4"



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

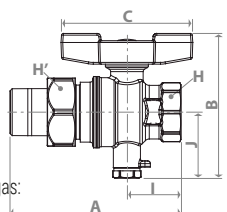
Min. working temperature:
-20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1 1/4"



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

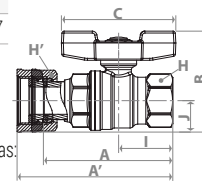
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 3/4" F
2,8 MPa (28 bar) for 1" F



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

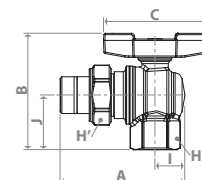
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar)



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

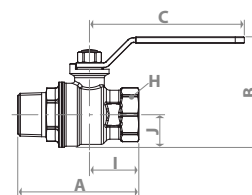
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
1,6 MPa (16 bar)



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

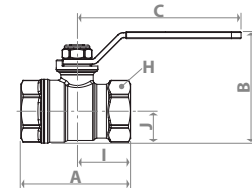
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1 1/4" - 1 1/2" - 2"



R250D

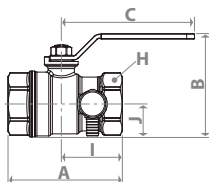
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,6
3/8"	10	45	22	46	14	77	21	6,7
1/2"	14	54	27	49	15	77	25	10,2
3/4"	18	63	31	64	18	94	32	18,5
1"	22	75	38	73	23	94	39	36,3
1 1/4"	28	84	42	82	28	94	48	73,5
1 1/2"	35	93	46	100	33	136	55	105
2"	45	107	54	115	41	136	67	158
2 1/2"	58	146	73	154	52	173	82	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"



R250DS

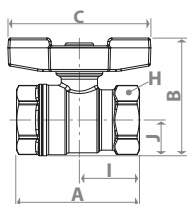
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	59	32	49	15	77	25	10,2
3/4"	18	69	36	64	18	94	32	18,5
1"	22	81	43	73	23	94	39	36,3
1 1/4"	28	98	56	82	28	94	48	73,5
1 1/2"	35	107	60	100	33	136	55	105
2"	45	121	67	115	41	136	67	158



Temperature range with water 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" - 1 1/2" - 2"

R251D

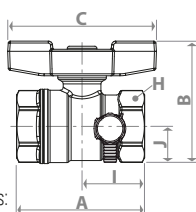
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	35	10	40	17	6,6
3/8"	10	45	22	46	14	63	21	6,7
1/2"	14	54	27	51	15	63	25	10,2
3/4"	18	63	31	60	18	73	32	18,5
1"	22	75	38	73	23	73	39	36,3
1 1/4"	28	84	42	78	28	73	48	73,5



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"

R251S

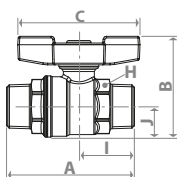
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	59	32	50	15	63	25	10,2
3/4"	18	69	36	60	18	73	32	18,5
1"	22	81	43	69	23	73	39	36,3



Temperature range with water 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) per 1"

R253D

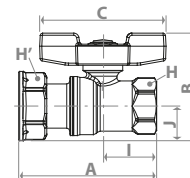
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	63	19	6,7
1/2"	14	66	29	51	15	63	22	10,2
3/4"	18	79	33	60	19	73	29	18,5
1"	22	91	40	69	23	73	36	36,3
1 1/4"	28	108	47	78	28	73	44	73,5



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"

R251P

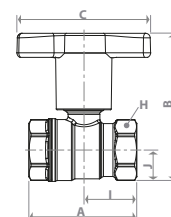
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x nut 3/4" F	14	76	27	54	18	63	25	30	10,2
3/4" F x nut 3/4" F	14	76	28	54	18	63	32	30	10,2
3/4" F x nut 1" F	18	85	31	63	21	73	32	37	18,5
1" F x nut 1" F	22	105	38	69	23	73	40	37	36,3



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

R251TH

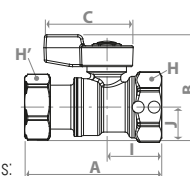
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	45	23	75	14	78	21	6,7
1/2"	14	54	27	77	15	78	25	10,2
3/4"	18	63	31	86	18	78	32	18,5
1"	22	75	38	95	23	78	39	36,3
1 1/4"	28	84	42	104	28	78	48	73,5
1 1/2"	35	95	46	136	33	98	55	105
2"	45	121	54	152	41	98	67	158



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"

R251P-1

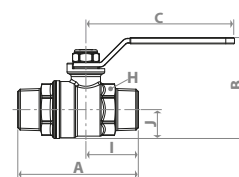
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x nut 1/2" F	14	68	27	51	15	44	25	24	10,2
3/4" F x nut 3/4" F	14	76	28	54	18	52	32	30	10,2



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)

R253DL

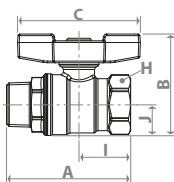
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	77	19	6,7
1/2"	14	66	29	51	15	77	22	10,2
3/4"	18	79	33	60	19	94	29	18,5
1"	22	91	40	69	23	94	36	36,3
1 1/4"	28	108	47	78	28	94	44	73,5



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"

R254D

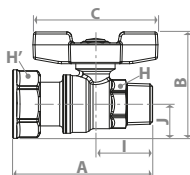
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	35	10	40	17	6,6
3/8"	10	55	22	46	14	63	21	6,7
1/2"	14	64	27	51	15	63	25	10,2
3/4"	18	76	31	60	18	73	32	18,5
1"	22	89	38	69	23	73	39	36,3
1 1/4"	28	100	42	78	28	73	48	73,5



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"

R254P

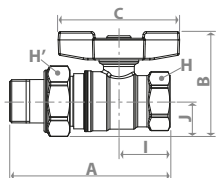
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"M x nut 3/4"F	14	71	29	54	18	63	22	30	10,2
3/4"M x nut 3/4"F	14	75	35	54	18	63	27	30	10,2



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"M - 3/4"M

R259D

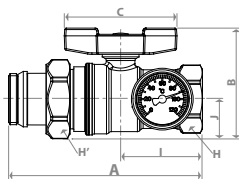
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	14	86	27	53	17	63	25	30	10,2
1/2"F x 3/4"M	14	87	27	57	21	63	25	38	10,2
3/4"F x 3/4"M	18	96	31	63	21	73	32	38	18,5
3/4"F x 1"M	18	101	31	67	26	73	32	46	18,5
1"F x 1"M	22	110	38	72	26	73	39	46	36,3
1"F x 1 1/4"M	22	114	38	76	30	73	39	53	36,3
1 1/4"F x 1 1/4"M	28	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

R259DST

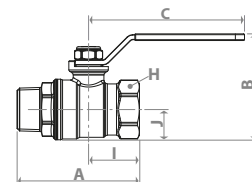
SIZE	DN	A	I	B	J	C	H	H'	Kv
1"F x 1"M	22	126	53	72	26	73	40	46	36,3



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)

R254DL

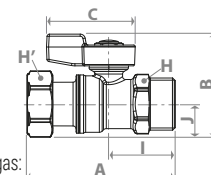
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	36	10	43	17	6,6
3/8"	10	55	22	46	14	77	21	6,7
1/2"	14	64	27	49	15	77	25	10,2
3/4"	18	76	31	64	18	94	32	18,5
1"	22	89	38	73	23	94	39	36,3
1 1/4"	28	100	42	82	28	94	48	73,5
1 1/2"	35	105	46	100	33	136	55	105
2"	45	124	54	115	41	136	67	158



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"

R254P-1

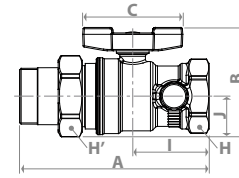
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"M x nut 1/2"F	14	70	29	51	15	44	22	24	10,2
3/4"M x nut 3/4"F	14	75	34	52	18	52	27	30	10,2



Temperature range with water 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)

R259DS

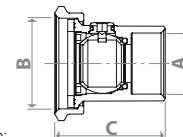
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	14	91	32	53	17	63	25	30	10,2
1/2"F x 3/4"M	14	93	32	57	21	63	25	38	10,2
3/4"F x 3/4"M	18	102	37	63	21	73	32	38	18,5
3/4"F x 1"M	18	107	37	67	26	73	32	46	18,5
1"F x 1"M	22	116	53	72	26	73	39	46	36,3
1"F x 1 1/4"M	22	120	53	76	30	73	39	53	36,3
1 1/4"F x 1 1/4"M	28	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

R252

SIZE	A	B	C
1"F x nut 1 1/2"F	1"	1 1/2"	53
1 1/4"F x nut 2"F	1 1/4"	2	66,5

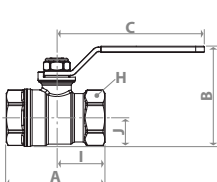


Temperature range with water and not dangerous gas: 5÷110 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 0,7 MPa (7 bar)
 Max. static pressure with the valve completely open or closed: 4,0 MPa (40 bar)

R730GA

SIZE	DN	A	I	B	J	C	H
G1/4"F x G1/4"F	8	43	21	37	10	43	wr.17
G3/8"F x G3/8"F	10	46	23	45	12	77	wr.20
G1/2"F x G1/2"F	15	53	27	51	16	77	wr.25
G3/4"F x G3/4"F	20	60	30	67	20	94	wr.31
G1"F x G1"F	25	76	38	76	25	94	wr.39
G1-1/4"F x G1-1/4"F	32	86	43	86	30	94	wr.47
G1-1/2"F x G1-1/2"F	40	97	48	106	37	136	wr.54
G2"F x G2"F	50	111	55	123	46	136	wr.67

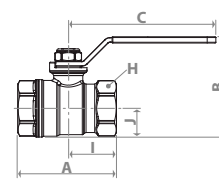
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)



R730GB

SIZE	DN	A	I	B	J	C	H
Rp 1/2" x Rp 1/2"	15	60	30	53	16	77	wr.26
Rp 3/4" x Rp 3/4"	20	68	34	69	21	95	wr.32
Rp 1" x Rp 1"	25	81	41	77	25	95	wr.41
Rp 1-1/4" x Rp 1-1/4"	32	95	48	87	30	95	wr.50
Rp 1-1/2" x Rp 1-1/2"	40	104	52	107	36	137	wr.55
Rp 2" x Rp 2"	50	126	63	122	44	137	wr.70

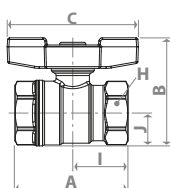
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
Resistance to high temperatures: class B 0,1; 650 °C for 30'



R731GA

SIZE	DN	A	I	B	J	C	H
G3/8"F x G3/8"F	10	46	23	47	12	63	wr.20
G1/2"F x G1/2"F	15	53	27	54	16	63	wr.25
G3/4"F x G3/4"F	20	60	30	67	20	73	wr.31
G1"F x G1"F	25	76	38	72	25	73	wr.39
G1-1/4"F x G1-1/4"F	32	86	43	82	30	73	wr.47

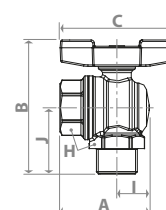
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)



R780GB

SIZE	DN	A	I	B	J	C	H
G1/2"M x Rp 1/2"	15	50	18	79	41	63	wr.26
G3/4"M x Rp 3/4"	20	58	21	87	44	73	wr.32
G1"M x Rp 1"	25	69	25	98	51	73	wr.41

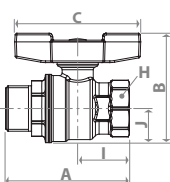
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
Resistance to high temperatures: class B 0,1; 650 °C for 30'



R734GA

SIZE	DN	A	I	B	J	C	H
G3/8"F x G3/8"M	10	57	23	47	12	63	wr.20
G1/2"F x G1/2"M	15	63	27	54	16	63	wr.25
G3/4"F x G3/4"M	20	72	30	67	20	73	wr.31
G1"F x G1"M	25	84	38	72	25	73	wr.39
G1-1/4"F x G1-1/4"M	32	98	43	82	30	73	wr.47

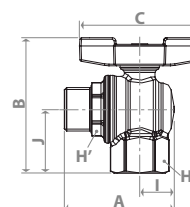
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)



R781GB

SIZE	DN	A	I	B	J	C	H	H'
Rp 1/2" x G1/2"M	15	59	18	71	33	63	wr.26	wr.22
Rp 3/4" x G3/4"M	20	68	21	82	39	73	wr.32	wr.29
Rp 1" x G1"M	25	80	25	94	46	73	wr.41	wr.36

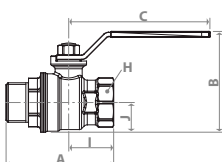
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
Resistance to high temperatures: class B 0,1; 650 °C for 30'



R734LGA

SIZE	DN	A	I	B	J	C	H
G1/4"F x G1/4"M	8	49	21	37	10	43	wr.17
G3/8"F x G3/8"M	10	57	23	45	12	77	wr.20
G1/2"F x G1/2"M	15	63	27	51	16	77	wr.25
G3/4"F x G3/4"M	20	72	30	67	20	94	wr.31
G1"F x G1"M	25	84	38	76	25	94	wr.39
G1-1/4"F x G1-1/4"M	32	98	43	86	30	94	wr.47
G1-1/2"F x G1-1/2"M	40	105	48	106	37	136	wr.54
G2"F x G2"M	50	124	55	123	46	136	wr.67

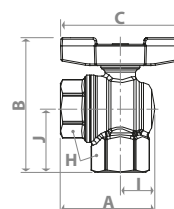
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)



R783GB

SIZE	DN	A	I	B	J	C	H
Rp 1/2" x Rp 1/2"	15	50	18	71	33	63	wr.26
Rp 3/4" x Rp 3/4"	20	58	21	82	39	73	wr.32
Rp 1" x Rp 1"	25	69	25	94	46	73	wr.41

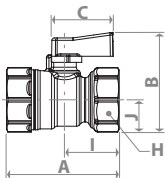
Temperature range: -20÷60 °C
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
Resistance to high temperatures: class B 0,1; 650 °C for 30'



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

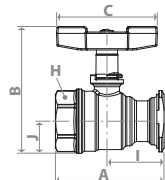
Min. working temperature: 0 °C with glycol solutions
 Max. working temperature: 90 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 1,6 MPa (16 bar)



R285

SIZE	DN	A	I	B	J	C	H	Kv
1"F x 1 1/2"M	22	79	42	92	23	73	40	36,3
1 1/4"F x 1 1/2"M	28	88	46	110	28	73	48	73,5
1 1/4"F x 2"M	28	88	46	110	28	73	48	73,5

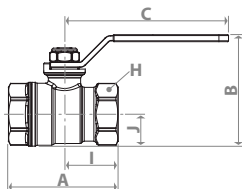
Min. working temperature:
 -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam:
 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)



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

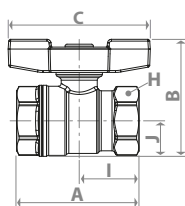
Temperature range with water and not dangerous gas: 5÷120 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1 1/4" - 1 1/2" - 2"



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

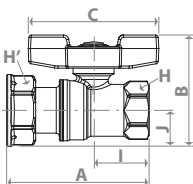
Temperature range with water and not dangerous gas: 5÷120 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1 1/4"



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

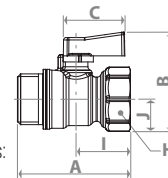
Temperature range with water and not dangerous gas:
 5÷120 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/2" - 3/4"
 3,5 MPa (35 bar) for 1"



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

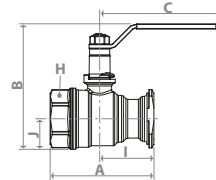
Min. working temperature: 0 °C with glycol solutions
 Max. working temperature: 90 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 1,6 MPa (16 bar)



R285L

SIZE	DN	A	I	B	J	C	H	Kv
1"F x 1 1/2"M	22	79	42	95	23	94	40	36,3
1 1/4"F x 2"M	28	88	46	113	28	94	48	73,5

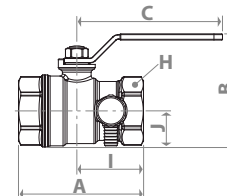
Min. working temperature:
 -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam:
 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)



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

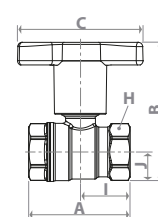
Temperature range with water and not dangerous gas: 5÷120 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1 1/4" - 1 1/2" - 2"



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

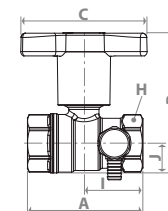
Temperature range with water and not dangerous gas:
 5÷110 °C, possibility of 120 °C for short periods of time
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1 1/4"



R251WST

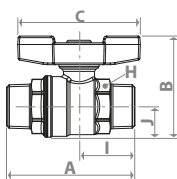
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	60	32	77	15	78	25	10,2
3/4"	18	71	36	86	18	78	32	18,5
1"	22	83	43	95	23	78	40	36,3
1 1/4"	28	102	56	104	28	78	49	73,5

Temperature range with water 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 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1 1/4"



R253W

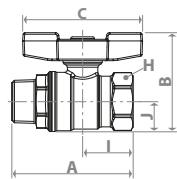
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	63	19	6,7
1/2"	14	66	29	51	15	63	22	10,2
3/4"	18	79	33	60	19	73	29	18,5
1"	22	91	40	69	23	73	36	36,3
1 1/4"	28	108	47	78	28	73	44	73,5



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"

R254W

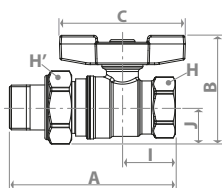
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	55	22	46	14	63	21	6,7
1/2"	14	64	27	51	15	63	25	10,2
3/4"	18	76	31	60	18	73	32	18,5
1"	22	89	38	69	23	73	39	36,3
1 1/4"	28	100	42	78	28	73	48	73,5



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"

R259W

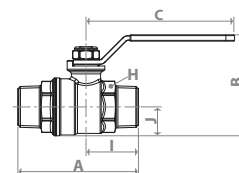
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x 1/2" M	14	86	27	53	17	63	25	30	10,2
1/2" F x 3/4" M	14	87	27	57	21	63	25	38	10,2
3/4" F x 3/4" M	18	96	31	63	21	73	32	38	18,5
3/4" F x 1" M	18	101	31	67	26	73	32	46	18,5
1" F x 1" M	22	110	38	72	26	73	39	46	36,3
1" F x 1 1/4" M	22	114	38	76	30	73	39	53	36,3
1 1/4" F 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

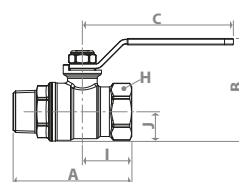
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	77	19	6,7
1/2"	14	66	29	51	15	77	22	10,2
3/4"	18	79	33	60	19	94	29	18,5
1"	22	91	40	69	23	94	36	36,3
1 1/4"	28	108	47	78	28	94	44	73,5



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"

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

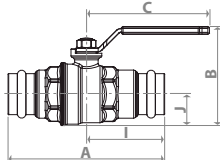


Temperature range with water and not dangerous gas: 5÷120 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1 1/4" - 1 1/2" - 2"

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

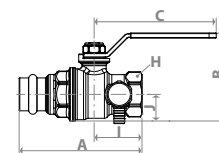
Max. working pressure at 20 °C with water: **2,8 MPa (28 bar)**
 Max. working temperature: **110 °C**



R850VWS

SIZE	DN	A	I	B	J	C	H	KV
1 1/2" F x Ø42	40	141	62	106	36	136	54	140
2" F x Ø54	50	165	69	122	44	136	67	211

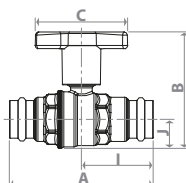
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar), da 15 a 22
2,8 MPa (28 bar), da 28 a 54
 Max. working temperature: **110 °C**



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

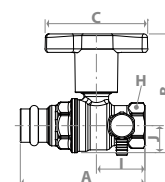
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar), for 15 to 22
2,8 MPa (28 bar), for 28 to 35
 Max. working temperature: **110 °C**



R851VTS

SIZE	DN	A	I	B	J	C	H	Kv
1/2" F x Ø18	15	84	34	81	17	78	25	12,7
1/2" F x Ø15	15	84	34	81	17	78	25	12,7
3/4" F x Ø22	20	95	37	91	21	78	31	24,6
1" F x Ø28	25	105	44	98	25	78	39	48,5
1 1/4" F x Ø35	32	122	57	108	30	78	48	98

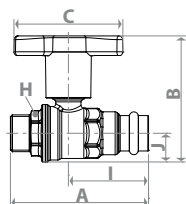
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar), for 15 to 22
2,8 MPa (28 bar), for 28 to 35
 Max. working temperature: **110 °C**



R853VT

SIZE	DN	A	I	B	J	C	H	Kv
1/2" M x Ø18	15	86	50	81	17	78	22	12,7
1/2" M x Ø15	15	86	50	81	17	78	22	12,7
3/4" M x Ø22	20	99	58	90	21	78	29	24,6
1" M x Ø28	25	107	61	99	25	78	36	48,5
1 1/4" M x Ø35	32	120	65	109	30	78	44	98

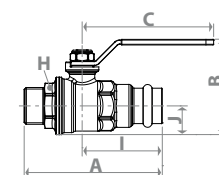
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar), for 15 to 22
2,8 MPa (28 bar), for 28 to 35
 Max. working temperature: **110 °C**



R853VWL

SIZE	DN	A	I	B	J	C	H	Kv
1 1/2" M x Ø42	40	136	76	107	37	137	54	140
2" M x Ø54	50	159	91	122	44	137	67	211

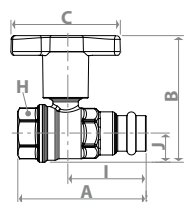
Max. working pressure at 20 °C with water:
2,8 MPa (28 bar)
 Temperature range: **5÷110 °C**



R854VT

SIZE	DN	A	I	B	J	C	H	Kv
1/2" F x Ø18	15	80	50	81	17	78	26	12,7
1/2" F x Ø15	15	80	50	81	17	78	26	12,7
3/4" F x Ø22	20	92	58	90	21	78	32	24,6
1" F x Ø28	25	102	61	99	25	78	41	48,5
1 1/4" F x Ø35	32	112	65	108	30	78	50	98

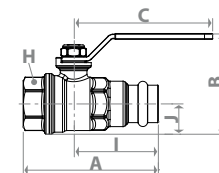
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar), for 15 to 22
2,8 MPa (28 bar), for 28 to 54
 Max. working temperature: **110 °C**



R854VWL

SIZE	DN	A	I	B	J	C	H	Kv
1 1/2" F x Ø42	40	131	79	107	37	137	55	140
2" F x Ø54	50	154	91	122	44	137	69	211

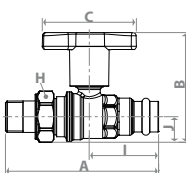
Max. working pressure at 20 °C with water:
2,8 MPa (28 bar), for 28 to 54
 Temperature range: **5÷110 °C**



R859VT

SIZE	DN	A	I	B	J	C	H	Kv
1/2" M x Ø18	15	112	50	81	17	78	30	12,7
1/2" M x Ø15	15	112	50	81	17	78	30	12,7
3/4" M x Ø22	20	127	57	91	21	78	38	24,6
1" M x Ø28	25	135	61	100	26	78	46	48,5
1 1/4" M x Ø35	32	150	65	108	30	78	53	98

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**



FITTINGS

Thanks to our tradition 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, and 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

- 130 Adaptors for multilayer and plastic pipes
- 131 Adaptors for copper pipes
- 131 Fittings for adaptors
- 134 Fittings for multilayer and plastic pipes
- 136 Fittings for copper pipes
- 138 3-pieces fittings, nipples, other fittings
- 140 GIACOGREEN system
- 144 RM Press Fitting System for plastic pipes
- 148 RM Press Fitting for Multigas System
- 150 GIACOQUEST system
- 153 GX system



Energy Management



Radiant Systems



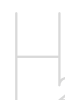
Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems



Fire Protection

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
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
R179X103	22 x (25 x 3,5)	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
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
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	-



Special wrench for R178 and R179 adaptors.

➤ 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.





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.





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.





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.



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.



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





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.



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



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



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



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

Angle fitting for domestic water systems, 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

Angled fitting for domestic water systems, 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 18 adaptors.



R573R

PRODUCT CODE	SIZE		
R573RY002	1/2" x 16	5	50

Angled fitting for domestic water systems, 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 adaptors.



R544

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

Angle fitting for domestic water systems, 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 fittings.



R577

PRODUCT CODE	SIZE		
R577Y001	1/2"	5	50

Plastic cap for installation and pressure test of R573R fittings.



R578A

PRODUCT CODE	SIZE		
R578AY001	-	1	100

Wall bracket to fit R573R fittings. Centre distance between fittings 150 mm.



R578C

PRODUCT CODE	SIZE		
R578CY001	-	1	50
R578CY002	-	1	70

Wall bracket to fit R573D, R573D-1, GX139, RM139, R573, R544 fittings.
 - R578CY001: for R573D, R573D-1; adjustable centre distance between fitting 120÷200 mm.
 - R578CY002: for GX139, RM139, R573, R544; centre distance between fitting 150 mm.



R578Z

PRODUCT CODE	SIZE		
R578ZY001	-	1	100

Wall bracket to fit R573D, R573D-1 fittings.
 Centre distance between fittings 150 mm.



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	-
P61RY008	Ø22	1	-
P61RY009	Ø20	1	-
P61RY010	Ø28	1	-
P61RY011	Ø35	1	-

Ferrule for copper tube 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.



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.



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.



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.



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

Tee fitting, chrome plated brass, plastic or multilayer pipes connections. For plumbing systems.



CERTIFICATIONS AND SYMBOLS



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.



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

Tee fitting, chrome plated brass, male thread and plastic or multilayer pipes connections. For plumbing systems.

CERTIFICATIONS AND SYMBOLS



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.



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

Tee fitting, chrome plated brass, female thread and plastic or multilayer pipes connections. For plumbing systems.

CERTIFICATIONS AND SYMBOLS



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.



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



INFO

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.

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



INFO

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.

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



INFO

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.

90° elbow fitting, brass finish, male thread and copper pipe connections.

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



INFO

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.

90° elbow fitting, brass finish, female thread and copper pipe connections.

R564



PRODUCT CODE	SIZE	10	25
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	10	100
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.

INFO

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	10	100
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



Tee fitting, brass finish, male thread and copper pipe connections.

INFO

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	1	-
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	10	100
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



Tee fitting, brass finish, female thread and copper pipe connections.

INFO

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	1	-
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.

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

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.



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

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.



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.



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.



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.



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.



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.





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.



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.



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	50
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.



H107



PRODUCT CODE	SIZE	10	100
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	10	100
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	10	100
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	5	100
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.



H121



PRODUCT CODE	SIZE	10	100
H121Y002	20	10	100

PP-R pipe, even cross-over, 380 mm length. For plumbing systems.



H120



PRODUCT CODE	SIZE	10	100
H120Y002	20	10	100
H120Y003	25	5	50
H120Y004	32	5	50

PP-R pipe, cross-over, 380 mm length. For plumbing systems.



H122



PRODUCT CODE	SIZE	10	500
H122Y022	20	10	500
H122Y033	25	5	250
H122Y044	32	5	100
H122Y055	40	1	50
H122Y066	50	1	30
H122Y077	63	1	40
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	10	250
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	10	100
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	10	100
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	10	100
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	12
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	60
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



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.



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.



H165



PRODUCT CODE	SIZE	□	□
H165Y002	20	10	250
H165Y003	25	5	200
H165Y004	32	5	100
H165Y005	40	5	50
H165Y006	50	1	50
H165Y007	63	1	60

End cap, female fusion connections. For plumbing systems.



H166



PRODUCT CODE	SIZE	□	□
H166Y022	20	5	100
H166Y033	25	5	50
H166Y044	32	5	50
H166Y055	40	5	50
H166Y066	50	1	30
H166Y077	63	1	30
H166Y088	75	1	30
H166Y099	90	1	10
H166Y100	110	1	5

Electrofusion sockets. For plumbing systems.



H180



PRODUCT CODE	SIZE	□	□
H180Y004	63 - Length 800 mm	1	-

Water hammer absorber, 3/4" female thread.



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		
H205Y001	-	1	-

Welding machine for H166.



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	360
RM102Y007	20 x 2	10	200
RM102Y009	26 x 3	5	100
RM102Y011	32 x 3	5	100
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, multitong 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	200
RM103Y018	(26 x 3) x (20 x 2)	10	200
RM103Y020	(32 x 3) x (16 x 2)	5	100
RM103Y021	(32 x 3) x (20 x 2)	5	100
RM103Y022	(32 x 3) x (26 x 3)	5	100
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	20
RM103Y087	(63 x 4,5) x (50 x 4)	1	20
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, multitong connections for plastic or multilayer pipes. For plumbing systems.

RM107





PRODUCT CODE	SIZE		
RM107Y023	3/8" x (16 x 2)	10	360
RM107Y033	1/2" x (16 x 2)	10	360
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	180
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	20
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 multitong 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	180
RM109Y047	3/4" x (20 x 2)	5	180
RM109Y049	3/4" x (26 x 3)	5	180
RM109Y058	1" x (26 x 3)	5	100
RM109Y059	1" x (32 x 3)	5	100
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 multitong connections for plastic or multilayer pipes. For plumbing systems.

RM122



PRODUCT CODE	SIZE	10	200
RM122Y003	16 x 2	10	200
RM122Y007	20 x 2	10	100
RM122Y009	26 x 3	5	100
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 5	1	-



90° elbow fitting, multitong connections for plastic or multilayer pipes. For plumbing systems.

RM127



PRODUCT CODE	SIZE	10	200
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	200
RM127Y047	3/4" x (20 x 2)	10	200
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 multitong connections for plastic or multilayer pipes. For plumbing systems.

RM128



PRODUCT CODE	SIZE	1	25
RM128X014	(16 x 2) x 16 - Lenght. 150 mm	1	50
RM128X034	(16 x 2) x 16 - Lenght. 300 mm	1	50
RM128X074	(16 x 2) x 16 - Lenght. 750 mm	1	25



90° elbow fitting, with chrome-plated copper pipe Ø 16 mm and multitong connections for plastic or multilayer pipes. For plumbing systems.

RM130SP



PRODUCT CODE	SIZE	10	200
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 multitong connection for plastic or multilayer pipes. For plumbing systems.

RM139



PRODUCT CODE	SIZE	10	100
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 multitong connections for plastic or multilayer pipes. For plumbing systems.

RM129



PRODUCT CODE	SIZE	10	200
RM129Y023	1/2" x (16 x 2)	10	200
RM129Y033	1/2" x (16 x 2) compact	10	200
RM129Y043	3/4" x (16 x 2)	10	200
RM129Y027	1/2" x (20 x 2)	10	200
RM129Y037	1/2" x (20 x 2) compact	10	200
RM129Y047	3/4" x (20 x 2)	10	200
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 multitong connections for plastic or multilayer pipes. For plumbing systems.

RM144



PRODUCT CODE	SIZE	5	100
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, multitong connections for plastic or multilayer pipes. For plumbing systems.

RM150



PRODUCT CODE	SIZE	10	100
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, multitong connections for plastic or multilayer pipes. For plumbing systems.

RM151



PRODUCT CODE	SIZE	10	100
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	-



CERTIFICATIONS AND SYMBOLS



Reducer Tee fitting, multitong connections for plastic or multilayer pipes. For plumbing systems.

RM154



PRODUCT CODE	SIZE	10	200
RM154Y033	1/2" x (16 x 2)	10	200
RM154Y037	1/2" x (20 x 2)	10	200
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 multitong connections for plastic or multilayer pipes. For plumbing systems.

RM173



PRODUCT CODE	SIZE	1	50
RM173Y033	16 x (16 x 2)	1	50
RM173Y037	20 x (20 x 2)	1	50

Shut-off cock with multitong connections for plastic or multilayer pipes. For plumbing systems.



RM158



PRODUCT CODE	SIZE	1	50
RM158X034	(16 x 2)x16x(16 x 2) - L. 300 mm	1	50

Tee fitting, with chrome-plated copper pipe Ø 16 mm and multitong connections for plastic or multilayer pipes. For plumbing systems.



RM153



PRODUCT CODE	SIZE	10	200
RM153Y033	1/2" x (16 x 2)	10	200
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 multitong connections for plastic or multilayer pipes. For plumbing systems.



RM179SP



PRODUCT CODE	SIZE	10	30
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 multitong connection for plastic or multilayer pipes. For plumbing systems.



RM179



PRODUCT CODE	SIZE	10	200
RM179X023	16 x (16 x 2)	10	360
RM179X033	18 x (16 x 2)	10	200

Straight fitting, base adaptor with nickel plated nut and multitong connections for plastic or multilayer pipes. For plumbing systems.



RM179E



CHROME PLATED NUT

PRODUCT CODE	SIZE	10	-
RM179X103	3/4" x (16 x 2)	10	-
RM179X106	3/4" x (20 x 2)	10	-

BRASS FINISH NUT

PRODUCT CODE	SIZE	10	-
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 multitong connections for plastic or multilayer pipes. For plumbing systems.



RM18



PRODUCT CODE	SIZE		
RM18Y033	1/2" x (16 x 2)	10	200
RM18Y037	1/2" x (20 x 2)	10	200
RM18Y049	3/4" x (26 x 3)	5	50

3 pieces straight fitting, female thread and multitong 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 multitong connections for plastic or multilayer pipes. For plumbing systems.



RMV103



PRODUCT CODE	SIZE		
RM103Y123	16 x 2 - Ø14	25	-
RM103Y127	20 x 2 - Ø14	25	-
RM103Y133	16 x 2 - Ø15	25	-
RM103Y143	16 x 2 - Ø16	25	-
RM103Y147	20 x 2 - Ø16	25	-
RM103Y157	20 x 2 - Ø18	25	-
RM103Y167	20 x 2 - Ø22	10	-

Straight fitting, multitong press profile connection for plastic or multilayer pipe and "V" press profile connection for copper pipe. 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	-

Tongs for RP200-1 pressing tool.



RP203

BASE JAW

PRODUCT CODE	SIZE		
RP203Y204	For U ring inserts	1	-

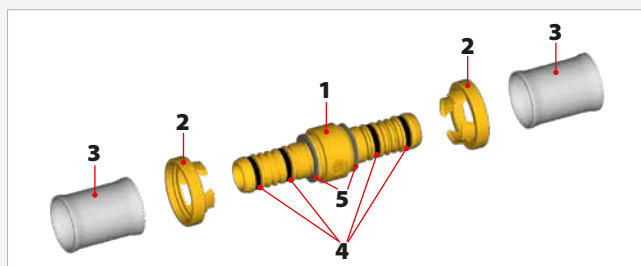
RING INSERTS

PRODUCT CODE	SIZE		
RP202Y275	Ø75 - U profile for RP203Y204	1	-
RP202Y290	Ø90 - U profile for RP203Y204	1	-

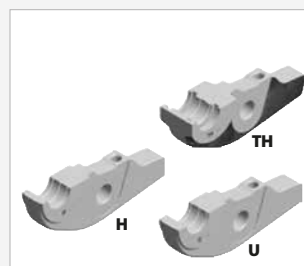
Base jaw for RP200-1 pressing tool. To be combined with the properly ring inserts.



CONSTRUCTION DETAILS



1	Body in brass
2	Sleeve-fastener ring (for Ø 75 and 90 mm with insulating barrier function)
3	Sleeve
4	O-ring
5	Insulating barrier (from Ø 16 to 63 mm)



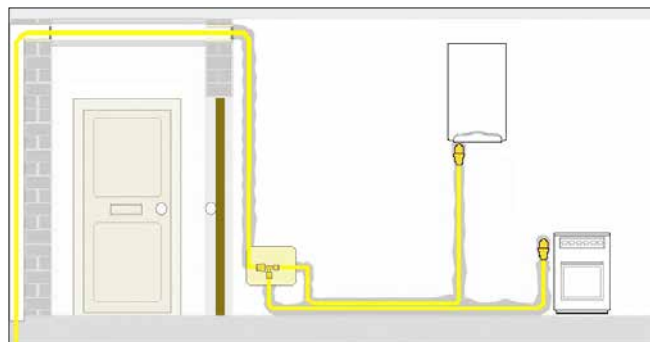
DETAIL OF THE SLEEVE

The writing "RM series" indicates that the fitting can be pressed with the tongs with TH-H-U profiles.

PROFILE OF THE TONGS



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

RM Press Fitting 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, multitong connections for Multigas system.



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, multitong 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 multitong 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, multitong 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 multitong 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 multitong 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 multitong 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 multitong 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, multitong 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	-



Reducer Tee fitting, multitong 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 multitong connection 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 multitong connections 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	-



Tongs for RP200-1 pressing tool.

RP203

BASE JAW

PRODUCT CODE	SIZE		
RP203Y204	For U ring inserts	1	-

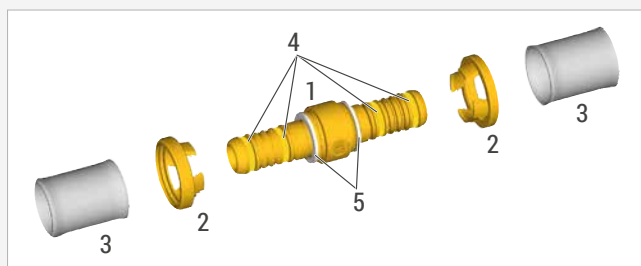
RING INSERTS

PRODUCT CODE	SIZE		
RP202Y275	Ø75 - U profile for RP203Y204	1	-
RP202Y290	Ø90 - U profile for RP203Y204	1	-

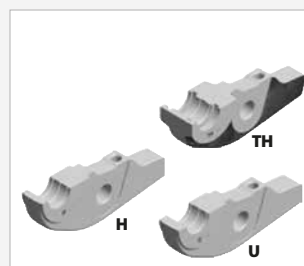
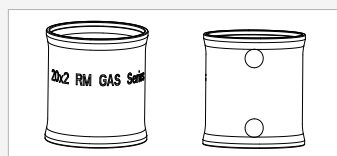


Base jaw for RP200-1 pressing tool. To be combined with the properly ring inserts.

CONSTRUCTION DETAILS



1	Body in brass
2	Bush ring
3	Bush
4	O-ring
5	Insulating separator



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.

PROFILE OF THE TONGS

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



⚠ WARNING - READ CAREFULLY

Giacoquest pipe maintains good flexibility and resistance to temperature nearby 0 °C. The minimum laying temperature is -10 °C. · Giacomoquest 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. · Giacomoquest 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	10'	50'
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	10'	50'
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	-

Giacoquest PEX pipe without anti-oxygen barrier for plumbing systems (both domestic water and heating/cooling systems).
Giacoquest PEX pipe with anti-oxygen barrier for heating/cooling systems.

GZ61



PRODUCT CODE	SIZE	10'	50'
GZ61Y003	1/2"	100	1.000
GZ61Y005	3/4"	100	500
GZ61Y006	1"	100	500



Copper crimp ring.

GZ102



PRODUCT CODE	SIZE	10'	50'
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	10'	50'
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	10'	50'
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	10	250
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	10	250
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	10	150
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	1	50
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	10	150
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	10	50
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	10	500
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.



GZ151



PRODUCT CODE	SIZE	10	100
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.



GZ152-1



PRODUCT CODE	SIZE	5	50
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	5	50
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	5	50
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	10	50
GZ152Y044	3/4" x 1/2" x 1/2" x 1/2" x 1/2" x 3/4"	5	50

Manifold with 2 inlets and 4 outlets. For plumbing systems.



GZ153



PRODUCT CODE	SIZE	10	100
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.



GZ154



PRODUCT CODE	SIZE	10	100
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.



GZ158



PRODUCT CODE	SIZE	1	50
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.



GZ165



PRODUCT CODE	SIZE	10	1.000
GZ165Y003	1/2"	10	1.000
GZ165Y004	3/4"	10	500
GZ165Y005	1"	10	250

Plug. For plumbing systems.



GZ179



PRODUCT CODE	SIZE	10	250
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	10	100
GZ573Y033	1/2" x 1/2" F	10	100

90° elbow for domestic water system connection.



GZ651



PRODUCT CODE	SIZE	1	100
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	1	-
GZ200Y003	1/2"	1	-
GZ200Y004	3/4"	1	-
GZ200Y005	1"	1	-

Manual crimping tool, provided with GZ211 checking gauge.



GZ200A

PRODUCT CODE	SIZE	1	-
GZ200Y203	1/2"	1	-
GZ200Y205	3/4"	1	-

Manual crimping tool.



GZ211

PRODUCT CODE	SIZE	1	-
GZ211Y001	1/2" - 3/4"	1	-
GZ211Y003	1"	1	-

Checking gauge.



GZ201

PRODUCT CODE	SIZE	1	-
GZ201Y001	1/2" - 3/4" - 1"	1	-

Shear for crimping rings removal.





⚠ WARNING - READ CAREFULLY

* At the end of each expansion step of the expansion head, manually rotate the pipe/or the expander tool by min. 10° - max. 45° and insert it deeper into the head (4b.3). Follow these steps until the expansion head is completely inside the pipe (4b.4), then perform at least further 2 expansions (for Ø 32 x 4,4 mm and 40 x 5,5 mm pipes, perform at least further 6 expansions).

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	16 x Ø15 - L. 250 mm	1	50
GX128X073	16 x Ø15 - L. 750 mm	1	50
GX128X074	16 x Ø15 - L. 750 mm	1	50

90° elbow fitting, chrome plated, with copper pipe Ø15 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.



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.



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.



GX165



PRODUCT CODE	SIZE	□	□
GX165Y003	16	10	500
GX165Y004	20	10	250
GX165Y005	25	10	250

Plug. For plumbing systems.



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.



GX158



PRODUCT CODE	SIZE		
GX158X013	16 x Ø15 x 16 - L. 250 mm	1	50
GX158X014	20 x Ø15 x 20 - L. 250 mm	1	25
GX158X073	16 x Ø15 x 16 - L. 750 mm	1	50
GX158X074	20 x Ø15 x 20 - L. 750 mm	1	25

Tee fitting, chrome plated, with copper pipe Ø15 mm. 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.



GX201

PRODUCT CODE	SIZE		
GX201Y004	Battery 22 V for GX200Y004	1	-

Battery for expander tool.



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.



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.



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.



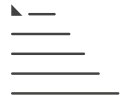
PIPES

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

- 158 Extra Flex PEX-b Pipes for heating system
- 158 Polybutylene Pipes for heating system
- 159 PEX-b pipes for heating system
- 159 5 layer PE-RT pipes for heating system
- 160 Multilayer pipes
- 161 PEX-b pipes for plumbing
- 162 Accessories for pipes



Energy Management



Radiant Systems



Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems



Fire Protection

➤ Extra Flex PEX-b Pipes for heating system

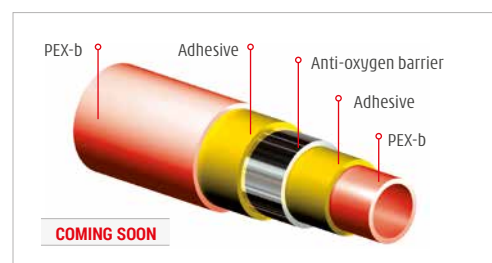
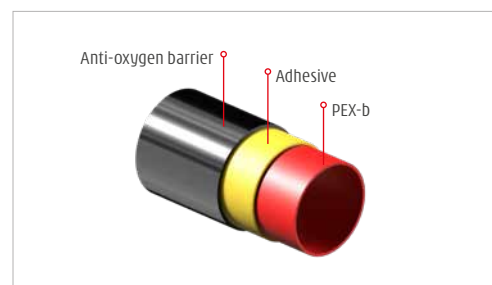
R996T



PRODUCT CODE	SIZE	□	□
R996TY227	16 x 2	100	-
R996TY219	16 x 2	240	-
R996TY264	16 x 2	600	-
R996TY054	17 x 2	100	-
R996TY033	17 x 2	240	-
R996TY052	17 x 2	600	-
R996TY249	18 x 2	100	-
R996TY220	18 x 2	240	-
R996TY250	18 x 2	500	-
R996TY221	20 x 2	100	-
R996TY222	20 x 2	240	-
R996TY253	20 x 2	400	-
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).



➤ Polybutylene Pipes for heating system

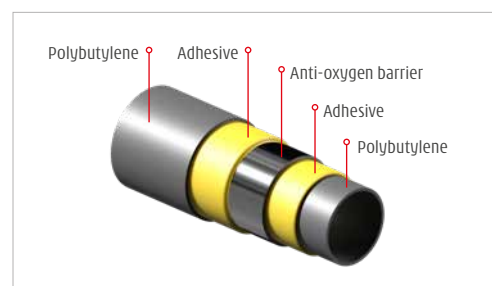
R986



PRODUCT CODE	SIZE	□	□
R986Y116	16 x 2	100	-
R986Y117	16 x 2	240	-
R986Y130	16 x 2	500	-
R986Y118	18 x 2	100	-
R986Y119	18 x 2	240	-
R986Y122	22 x 2	100	-



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



▶ PEX-b pipes for heating system

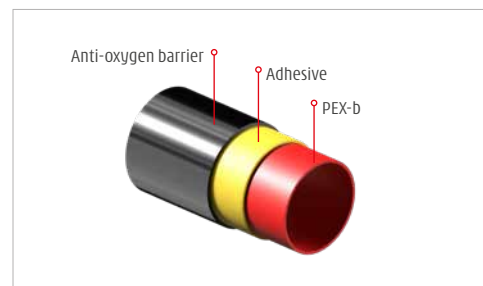
R996



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	-



Giacotherm PEX-b pipe, for plumbing systems (both domestic water and heating/cooling systems), **with anti-oxygen barrier**.



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

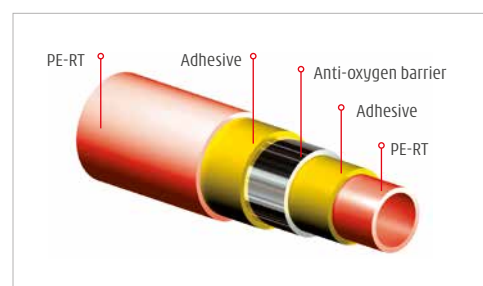
R978



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).



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.



R999I



FOR HEATING

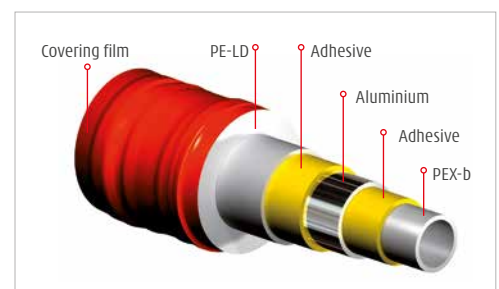
PRODUCT CODE	SIZE		
R999IY220	16 x 2 - insulation 6 mm - red	50	-
R999IY222	16 x 2 - insulation 6 mm - red	100	-
R999IY225	16 x 2 - insulation 6 mm - blue	50	-
R999IY227	16 x 2 - insulation 6 mm - blue	100	-
R999IY230	18 x 2 - insulation 6 mm - red	50	-
R999IY235	18 x 2 - insulation 6 mm - blue	50	-
R999IY244	20 x 2 - insulation 6 mm - red	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	-
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.



PEX-b pipes for plumbing

R996





PRODUCT CODE	SIZE		
R996Y150	16 x 1,8	100	-
R996Y184	16 x 2	100	-
R996Y026	16 x 2,2	100	-
R996Y082	20 x 1,9	200	-
R996Y144	25 x 2,3	50	-
R996Y154	32 x 2,9 (4 m bars)	1	-
R996Y146	40 x 3,7 (4 m bars)	1	-



Giacoflex PEX-b pipe, for plumbing.

R993





PRODUCT CODE	SIZE		
R993Y010	16 x 1,8	50	-
R993Y028	16 x 2	50	-
R993Y026	16 x 2,2	50	-
R993Y044	20 x 1,9	50	-
R993Y032	20 x 2,8	50	-



Giacoflex PEX-b pipe for plumbing.
Blue sleeve.
Application class: 1, 2, 4, 5.

R994





PRODUCT CODE	SIZE		
R994Y010	16 x 1,8	50	-
R994Y028	16 x 2	50	-
R994Y026	16 x 2,2	50	-
R994Y044	20 x 1,9	50	-
R994Y032	20 x 2,8	50	-



Giacoflex PEX-b pipe for plumbing.
Red 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.
Black sleeve.
Application class: 1, 2, 4, 5.

➤ Accessories for pipes

R985B

PRODUCT CODE	SIZE		
R985BY001	Ø25	100	-
R985BY002	Ø30	100	-

Blue sleeve.





R990M

PRODUCT CODE	SIZE		
R990MY001	-	1	-

Shear for plastic pipe, Ø32 and Ø40 mm.



R985N

PRODUCT CODE	SIZE		
R985NY001	Ø25	100	-
R985NY002	Ø30	100	-

Black sleeve.





H201

PRODUCT CODE	SIZE		
H201Y001	-	1	-

Cutter for plastic pipe, Ø32 and Ø40 mm.



R985R

PRODUCT CODE	SIZE		
R985RY001	Ø25	100	-
R985RY002	Ø30	100	-

Red sleeve.



RP205

PRODUCT CODE	SIZE		
RP205Y001	Ø0÷20	1	-

Deburring tool for GiacoTherm, GiacoFlex and multilayer pipes.





R998

PRODUCT CODE	SIZE		
R998Y005	Red	10	100
R998Y006	Blue	10	100

End cap for sleeve (available in blue or red color).





RP208

PRODUCT CODE	SIZE		
RP208Y016	16 x 2	1	100
RP208Y018	18 x 2	1	50
RP208Y020	20 x 2	1	-

Steel pipe bending spring.





R990

PRODUCT CODE	SIZE		
R990Y001	Ø0÷25 and 1/2"-3/4"-1"	1	-

Shear for plastic pipe, Ø16,20,25 mm and 1/2", 3/4", 1".



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.



R576

PRODUCT CODE	SIZE		
R576X001	-	10	200

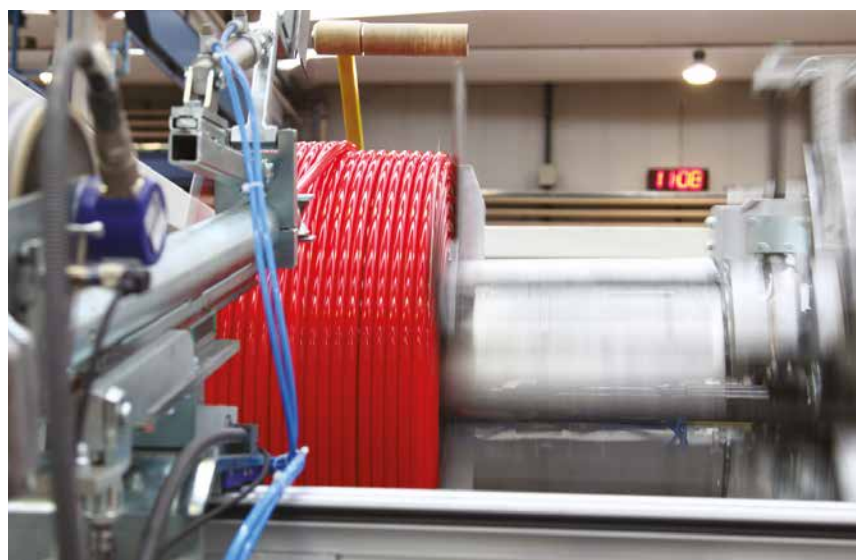
Traction fitting for Giacoflex and Giacotherm pipes 12/10 - 15/10 - 16/11,6.



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's 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.

168	Balancing valves
172	Distribution mixing groups
174	Zone and mixing valves
177	Electrical actuators
180	Dirt and hydraulic separators
185	Safety devices
188	Water controls
189	Components for biomass systems
190	Backflows, filters, check valves
192	Gate valves
192	Automatic air vent valves
193	Accessories for circulators
194	Oil system components
196	Solar thermal systems components



Energy Management



Radiant Systems



Water Management



Gas Distribution



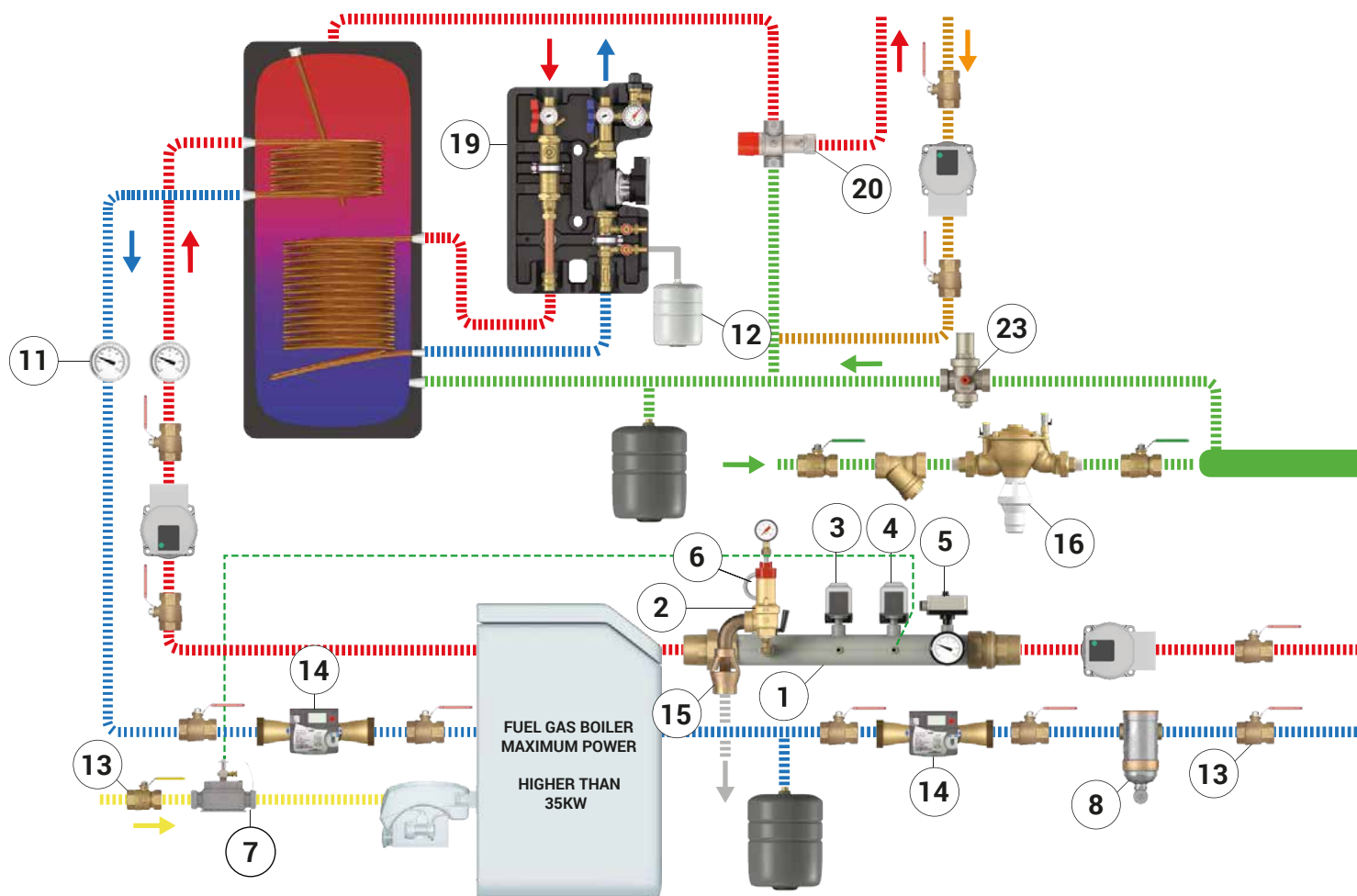
Renewable Sources



Hydrogen Systems



Fire Protection



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



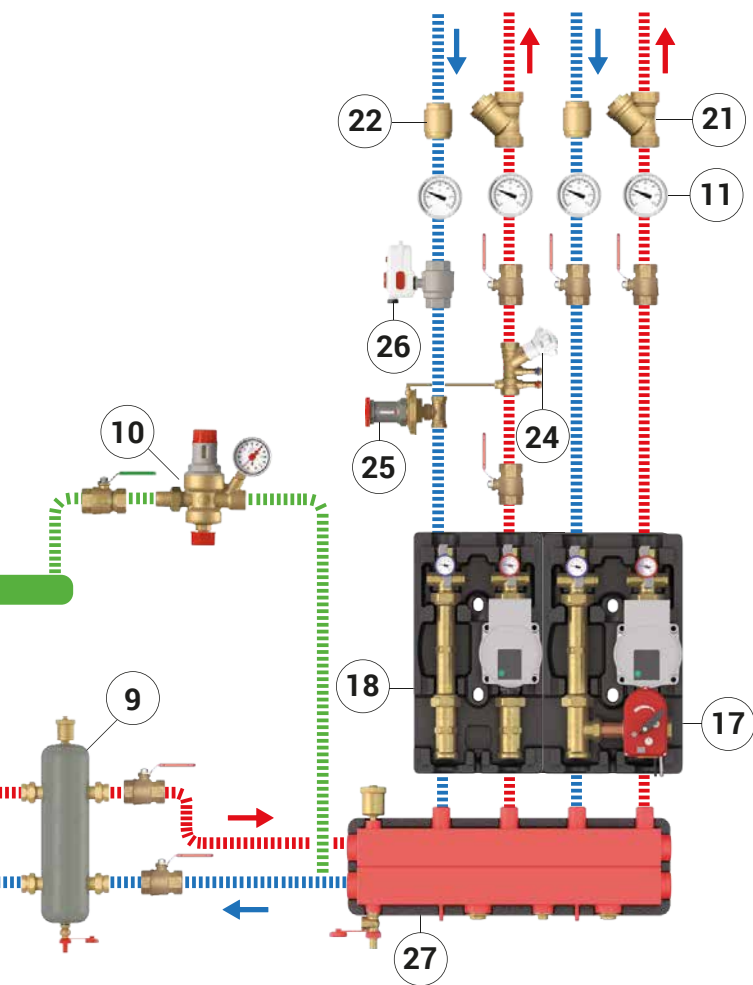
26 R276/R267B/R277
motorised zone valve



27 R586SEP
multifunction boiler room manifold

COMPONENTS FOR BOILER ROOM

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.



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

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.



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	-



☺ BENEFITS

- ✓ Fix orifice
- ✓ DZR brass body
- ✓ Opening control through mechanical-memory mechanism

Static balancing valve with fixed orifice (Venturi principle). Brass body with female-female connections and 1/4"F connection for differential pressure controller capillary pipe. Available in version with or without probe holders to connect the differential pressure gauge for differential pressure measurement.
* Without probe holders.

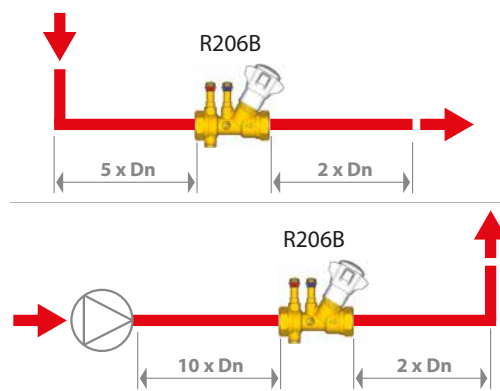
① INFO

Accessories
- P206Y001: probe holder.
- R225EY001: differential manometer.

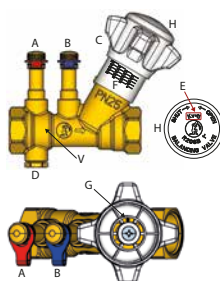


📺 VIDEO

Scan the QR-Code with a smartphone or tablet to view the video-tutorial



FLANGED VERSION
p 200



(A) High pressure probe, (B) Low pressure probe, (C) Handwheel, (D) Drain 1/4"F, (E) Kv of the Venturi flow meter, (F) Scale for 0÷100 % setting (20 positions), (G) Presetting screw (limiting the stroke), (H) Removable head (for presetting) with imprinted the Venturi Kv, (V) Venturi flow meter

R206B-1

PRODUCT CODE	SIZE		
R206BY113	1/2"	1	25
R206BY114	3/4"	1	25
R206BY115	1"	1	25

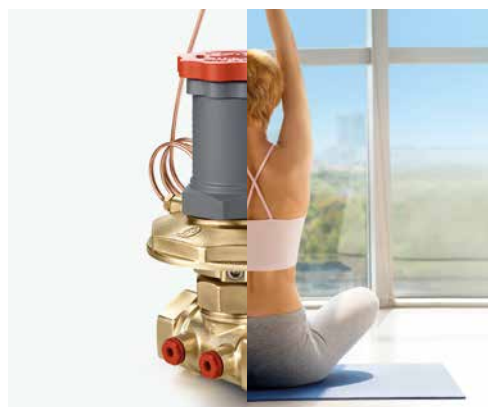
☺ BENEFITS

- ✓ Extremely compact
- ✓ Opening control through mechanical-memory mechanism



Compact static balancing valve. Brass body with female-female connections and 1/4"F connection for differential pressure controller capillary pipe. Maximum working temperature: 110 °C Maximum working pressure: 25 bar

A piece of life.



NEW GIACOMINI R206C. PERFECT BALANCE.

Giacomini's research department developed R206C, the revolutionary differential pressure controller that can cover a wide range of applications while balancing any system and guaranteeing high levels of performance in terms of comfort and energy saving. In addition, thanks to the double regulation field, it makes planners, distributors and installers' work much easier. Together with other flow regulation devices, R206C adds up to the solutions by Giacomini dedicated to circuit balancing. Cutting-edge products now part of your life. *Giacomini, a piece of life.*

R206C

PRODUCT CODE	SIZE		
R206CY103	DN15 - 1/2" - Kv 2,24	1	8
R206CY104	DN20 - 3/4" - Kv 3,49	1	8
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	6
R206CY108	DN50 - 2" - Kv 12,97	1	6



Differential pressure controller, equipped with a copper capillary pipe 1 m length. Differential pressure setting: 5÷30 kPa in "Low" modality; 25÷60 kPa in "High" modality.



PATENTED

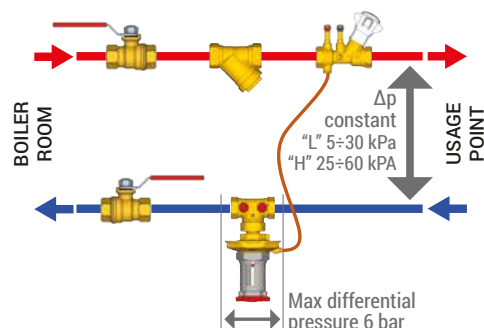
BENEFITS

- ✓ Exclusive dual control range selection: (5-30 kPa) and 25-60 kPa
- ✓ Control of high flow-rates
- ✓ CR brass body



VIDEO

Scan the QR-Code with a smartphone or tablet to view the video-tutorial



R206C-1

DIFFERENTIAL PRESSURE SETTING: 5÷30 KPA

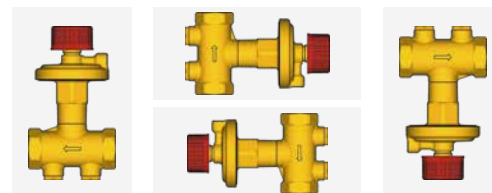
PRODUCT CODE	SIZE		
R206CY223	DN15 - 1/2" - Kv 1,55	1	15
R206CY224	DN20 - 3/4" - Kv 2,40	1	15
R206CY225	DN25 - 1" - Kv 4,15	1	10

DIFFERENTIAL PRESSURE SETTING: 25÷60 KPA

PRODUCT CODE	SIZE		
R206CY233	DN15 - 1/2" - Kv 1,55	1	15
R206CY234	DN20 - 3/4" - Kv 2,40	1	15
R206CY235	DN25 - 1" - Kv 4,15	1	10

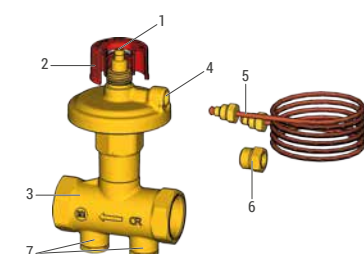
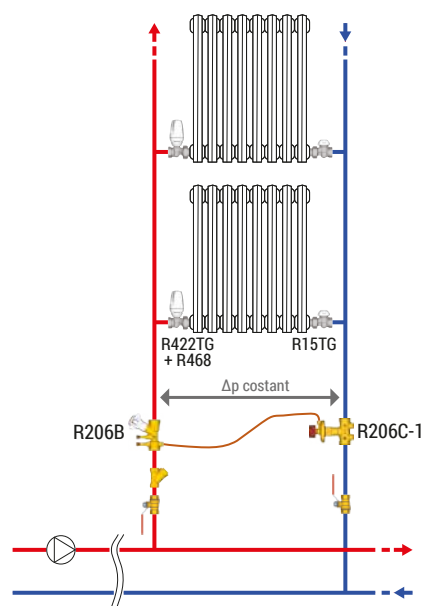


Compact differential pressure controller, equipped with a copper capillary pipe 1 m length. Differential pressure setting 5÷30 kPa or 25÷60 kPa.

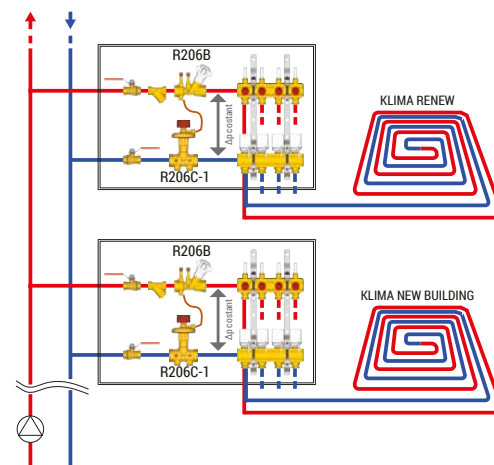


EXAMPLE OF APPLICATION WITH RISER-BASED RADIATOR SYSTEMS

EXAMPLE OF APPLICATION WITH RADIANT FLOOR SYSTEMS



- (1) Setting socket-head screw,
- (2) Shut-off knob,
- (3) Valve body,
- (4) Connection to copper capillary tube,
- (5) Copper capillary tube with 1/8" connection,
- (6) Adapter for copper capillary tube 1/8" x 1/4", for connection to static balancing valve R206B
- (7) Pressure outlets (only for versions with pressure outlets)



R206A

PRODUCT CODE	SIZE		
R206AY113	G 1/2" M - red	1	15
R206AY103	G 1/2" M - blue	1	15
R206AY104	G 3/4" M - black	1	15
R206AY105	G 1" M - green	1	15
R206AY125	G 1" M - blue	1	10
R206AY106	G 1-1/4" M - blue	1	10

INFO

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
 Working flow rate range:
 R206AY113: 32÷520 l/h (single regulation scale)
 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: 400÷3800 l/h (single regulation scale)
 R206AY106: 400÷4700 l/h (single regulation scale)

Accessories

- K281X062: actuator 24 V for proportional linear flow rate control (0-10 V)
- R473X221: thermo-electric actuator 230 V, normally closed, ON/OFF type
- R473X222: thermo-electric actuator 24 V, normally closed, ON/OFF type
- R453FY002: adapter ring M30 x 1,5 mm for R473 thermo-electric actuator
- P206Y001: pair of pressure outlets
- R225EY001: differential pressure gauge with probe

Spare parts R73PY010: regulation key for the presetting of the flow rate



BENEFITS

- ✓ Dual flow-regulation scale
- ✓ Reliable hermetic seal
- ✓ Pressure compensation for basic actuators
- ✓ Extremely compact

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 $\pm 10\%$ on the controlled flow rate value.

The valve is equipped with pressure outlets for measuring the differential pressure in combination with a differential pressure gauge and its own probes.

R73PY010 regulation key for the presetting of the flow rate included.

R206AM

PRODUCT CODE	SIZE		
R206AY056	1 1/4"	1	-
R206AY057	1 1/2"	1	-
R206AY058	2"	1	-

INFO

Accessories

- K281X032: actuator 24 V, 0÷10 V, for valves R206AY056, valve connection M30 x 1,5 mm.
- K281X042: actuator 24 V, 0÷10 V, for valves R206AY057, R206AY058, valve connection M30 x 1,5 mm.
- P206Y001: probe holder.
- R225EY001: differential pressure gauge.





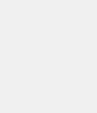


BENEFITS

- ✓ Combines multiple functions in one single product
- ✓ Automatic flow-rate control with proportional actuator
- ✓ Replaceable polymer cartridge with dual indicator

Pressure independent control valve (PICV). Combines an automatic flow rate regulator and a control valve with actuator. Brass body with female-female connections and predisposition for the connection of probe holder.

Flow rate is adjusted in two different ways:

- manually on the automatic flow rate regulator, to restrict the maximum value;
- automatically by the control valve in combination with a proportional 0÷10 V or ON/OFF actuator, in accordance with the thermal load requirements of the section of the circuit to be controlled.

	 R473X221 ON/OFF 230 V		 K281X062 0...10 24 V		 K281X042 0...10 24 V		 P206Y001	 R225EY001
R206AY113	✓	✓	✓				✓	✓
R206AY103	✓	✓	✓				✓	✓
R206AY104	✓	✓	✓				✓	✓
R206AY105	✓	✓	✓				✓	✓
R206AY125	✓	✓	✓				✓	✓
R206AY106			✓				✓	✓
R206AY056				✓			✓	✓
R206AY057					✓		✓	✓
R206AY058					✓		✓	✓

R280K

PRODUCT CODE	SIZE		
R280KY003	1/2"F	1	-
R280KY004	3/4"F	1	-

INFO

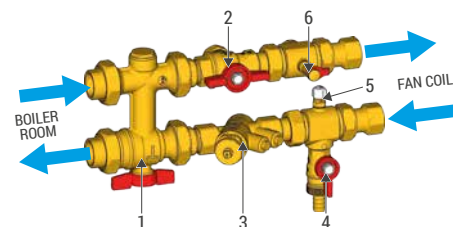
Working flow rate
R280KY003: 37 - 575 l/h - R280KY004: 64 - 1110 l/h
PICV working pressure
R280KY003: 16 - 200 kPa - R280KY004: 30 - 400 kPa
Accessories and spare parts
K281EX001: thermo-electric actuator NC, ON/OFF.
Power 230 Vac
K281EX002: thermo-electric actuator NC, ON/OFF.
Power 24 Vac
K281X012: actuator 0÷10 V. Power 24 V
K281X022: actuator ON/OFF. Power 24 V
P206Y001: probe holder kit (n°2) for temperature
and pressure measuring
R225EY001: differential pressure gauge
P206AMY001: spare cartridge for the PICV
valve of R280KY003 kit
P206AMY002: spare cartridge for the PICV
valve of R280KY004 kit



BENEFITS

- ✓ Reduction of manpower, installation time and costs on site
- ✓ Quick connection (only 4 connections required)
- ✓ Reduced need of a preassembly area
- ✓ One single kit for both heating and cooling
- ✓ Limitation of installation errors
- ✓ Prompt sizing (only two product codes)
- ✓ Limitation of planning errors

Compact preassembled kit for terminal units (fan coils, chilled beams or ceiling air conditioning systems). The kit includes a diverting ball valve to by-pass the terminal unit, a full port ball valve with integrated filter, a pressure-independent control valve (PICV), a manual air vent valve and a drain cock. The kit enables to set and maintain constant the flow rate when the differential pressure of the main circuit changes.



1) Diverting ball valve to by-pass unit, (2) Ball valve with integrated filter, (3) Pressure-independent control valve (PICV), (4) Drain cock, (5) Manual air vent valve, (6) Probe holder.

R280

PRODUCT CODE	SIZE		
R280Y003	DN15 - G 1/2"F X G 3/4"M	1	10
R280Y004	DN20 - G 1-1/4"M	1	10

Spare part valve for R280K kit.



R280AK

PRODUCT CODE	SIZE		
R280AKY113	1/2"F (50-800 l/h)	1	8
R280AKY114	3/4"F (50-1300 l/h)	1	4

Compact preassembled kit for fan coils. The kit includes a ball valve and a PICV on the delivery loop and a ball valve with integrated filter on the return loop.



P206

PRODUCT CODE	SIZE		
P206Y001	1/4" - straight	1	-
P206Y011	1/4" - adjustable fitting	1	-

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.



P206C

PRODUCT CODE	SIZE		
P206CY111	For R206C and R206C-1	1	32

Copper capillary tube for valves R206C and R206C-1, 1 m length.



R280W

INSULATION FOR R280K

PRODUCT CODE	SIZE		
R280WY003	1/2"	1	2
R280WY004	3/4"	1	2

INSULATION FOR R280AK

PRODUCT CODE	SIZE		
R280WY020	1/2"F	1	8
R280WY021	3/4"F	1	8

Insulation for R280K and R280AK.



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 Ø 3 mm needle for measuring the pressure/flow rate through the pressure outlets of R206B static balancing valves.



➤ Distribution mixing groups

R586R



Distribution units to control heating and cooling for one zone of the system (R586RY104-114 for heating only).
System side connection 1" F ISO228.
Boiler side connection 1 1/2" M ISO228.
Delivery and return outputs centre distance 125 mm.

Reversible delivery and return outputs (except R586RY103-113).

Complete with interception ball valves with thermometers (0÷120 °C scale), check valve on return output, insulation and wall-mount plate.

WITH CIRCULATOR

PRODUCT CODE	SIZE		
R586RY101	1 1/2" M x 1" F - NO mixing valve	1	-
R586RY102	1 1/2" M x 1" F - Mix. valve (R296)	1	-
R586RY103	1 1/2" M x 1" F - Mix. valve (R297)	1	-
R586RY104	1 1/2" M x 1" F - Thermostatic mix	1	-

① INFO

OPTIONAL COMPONENTS

- K275Y002: actuator with integrated constant temperature regulator (for R586RY102-112-103-113).
 - K275Y013: actuator with 0-10 V regulation controllable with KLIMAbus thermoregulation (for R586RY102-112-103-113).
 - R284Y021: differential by-pass kit.
 - R252Y001: shut-off ball valve 1" F x nut 1 1/2" F, for installation upstream the distribution unit.
 - KLIMAbus thermoregulation: KLIMAbus thermoregulation components (regulation unit, thermostats, ambient probes, etc.)
- COMPATIBLE CIRCULATORS (for circulator-free units)
- Wilo Para, 180 mm centre distance
 - Grundfos Alpha series, 180 mm centre distance



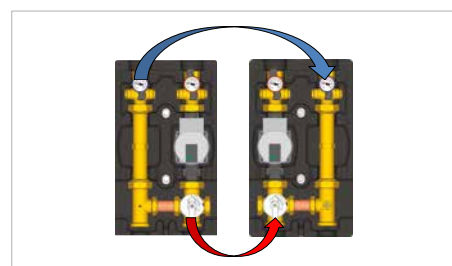
WITHOUT CIRCULATOR

PRODUCT CODE	SIZE		
R586RY111	1 1/2" M x 1" F - NO mixing valve	1	-
R586RY112	1 1/2" M x 1" F - Mix. valve (R296)	1	-
R586RY113	1 1/2" M x 1" F - Mix. valve (R297)	1	-
R586RY114	1 1/2" M x 1" F - Thermostatic mix	1	-



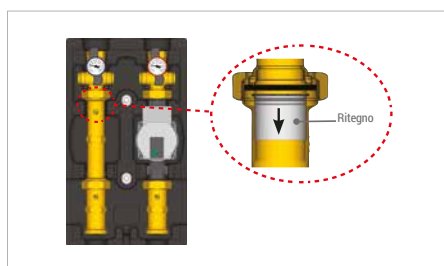
② VIDEO

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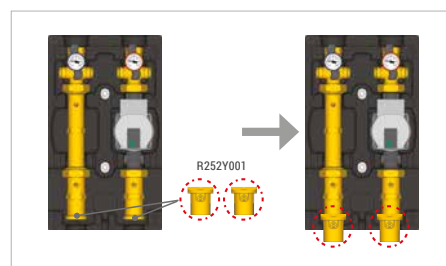
Reversible delivery/return outputs

R586RY101-111-102-112-104-114 units include reversible delivery and return outputs. On the contrary, R586RY103-113 units are not reversible.



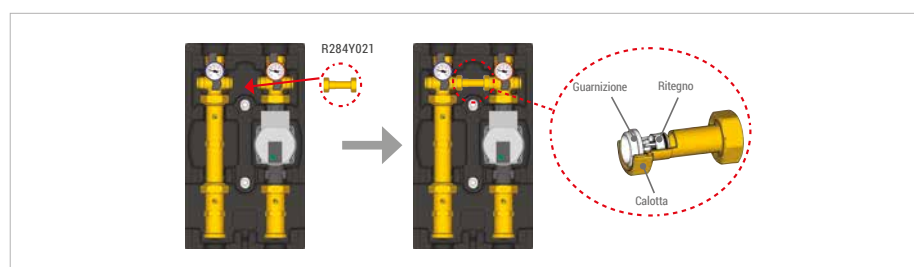
Check valve integrated in return output

All R586R units include a check valve inside the upper part of the spacer on the return output. The check valve can be disassembled by removing the Seeger ring used to fit the spacer.



Installation of R252Y001 ball valve

The R586R units can be shut off by installing upstream the R252Y001 ball valves. The valves can be opened and closed using a 5-mm Allen wrench.



Installation of the R284Y021 differential by-pass kit

The differential by-pass is used to protect the circulator by enabling water recirculation inside the R586R unit when the secondary circuit is off or closed. The kit consists of a brass spacer including an integrated check valve with fixed setting at 5 mH₂O, two nuts to be screwed on the check valves and two PTFE gaskets.



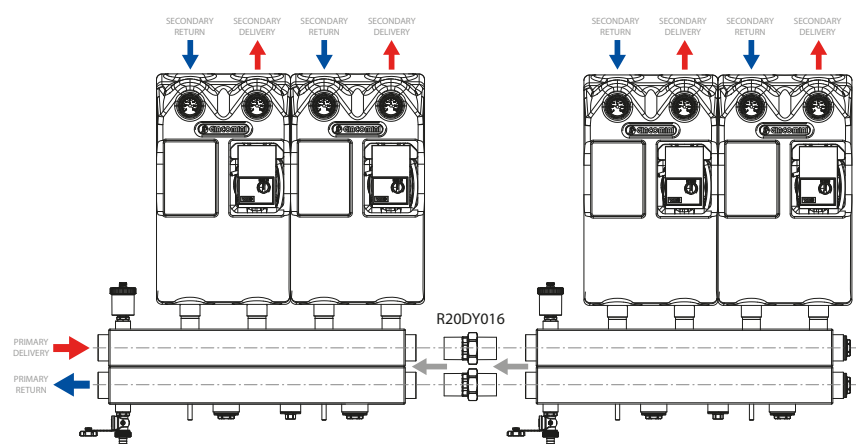
R586SEP

PRODUCT CODE	SIZE		
R586SEY02	1 1/4" F x 1" M (2 outputs)	1	-
R586SEY03	1 1/4" F x 1" M (3 outputs)	1	-



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The modular design enables to install two R586SEP manifolds in series so that up to six R586R distribution units can be installed; this is the ideal solution for large installations with proper balancing. To install the R586SEP manifolds in series, use the special R20DY016 3-piece fittings.



R586SEY02

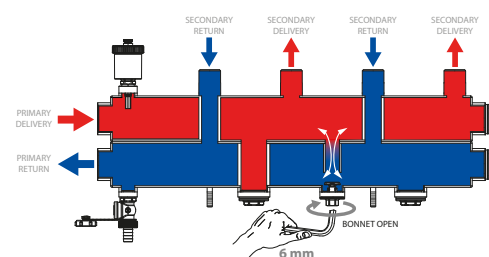


R586SEY03

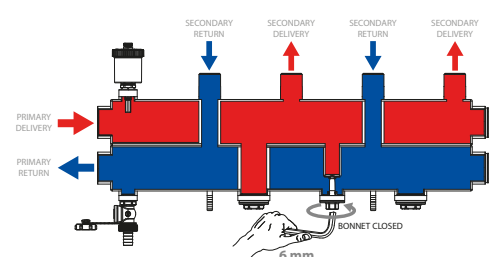


Multifunction boiler room manifold, steel made, with hydraulic separator function and connections for primary and secondary circuits. Equipped with automatic air vent valve, drain cock and insulation shell. Possibility to install N.2 R586R for every R586SEP (max. 2 R586SEP in series installation).

R586SEP can be used both as a basic boiler room manifold and hydraulic separator, based on the installation requirements. On the manifold lower side is an adjustment bonnet (components - ref. 5) to mechanically activate or deactivate the hydraulic separator function. Open the bonnet completely with a 6 mm Allen wrench to put the delivery and return circuits in communication and transform it into a hydraulic separator to balance the secondary side flow, if required.



Close the bonnet completely to interrupt the communication path between delivery and return circuits and transform R586SEP back into a boiler room manifold.



R588SEP

PRODUCT CODE	SIZE		
R588SEY01	-	1	-

Pair of brackets for wall installation of R586SEP boiler room manifold. Equipped with washers and M8 nuts.



R147N

PRODUCT CODE	SIZE		
R147NY004	3/4" x 3/4"	1	25

Differential pressure valve to be installed on heating system with thermostatic valves.



R284-1

PRODUCT CODE	SIZE		
R284Y021	26/19	1	30

Differential by-pass kit to protect the circulator of R586R units. The kit includes a brass spacer with integrated check valve calibrated at a fix value of 5 mH₂O, two nuts to be screwed on the interception valves and two PTFE gaskets.



R20DL

PRODUCT CODE	SIZE		
R20DY016	1 1/4"	2	20

Three pieces adaptor with self-sealing.



R19DL

PRODUCT CODE	SIZE		
R19DY016	1 1/4"	2	20

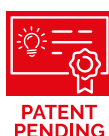
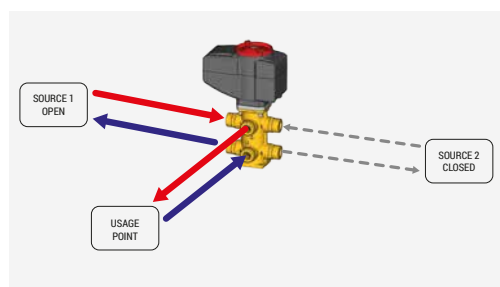
Angle fitting in three pieces with flat seat and self-sealing at male thread.



Zone and mixing valves

R274C

PRODUCT CODE	SIZE		
R274CY003	G 1/2"M	1	10



Compact six-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 (0-10 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.

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



Six-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"):

- K274Y052: actuator 24 Vac/dc (0-10 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"):

- K274Y052: actuator 24 Vac/dc (0-10 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.



VIDEO

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PRODUCT CODE	SIZE	VALVE BODY MATERIAL	OPTIONAL			
			CALIBRATED WASHERS	ACTUATOR	INSULATION	FITTINGS
R274CY003	G 1/2"M	CW617N	P21SY001 ÷ P21SY006	K274Y072	-	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	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)
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) 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)
R274Y145	G 1"M	CW602N DZR	P21SY011 ÷ P21SY018	K274Y052 K274Y072	R274WY001	P15FY004 (1"F x 3/4"F RP, EN 10226) P15FY005 (1"F x 1"F RP, EN 10226)

P21S

FOR R274N, R274C SIZE 1/2"

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 six-way zone valves.

INFO

Order N°2 calibrated washers for every six-way valve.



R274W

PRODUCT CODE	SIZE		
R274WY001	1"	1	-
R274WY002	1/2"	1	-

Insulation made of cross-linked polyethylene foam, for R274N six-way zone valves.



P15M

PRODUCT CODE	SIZE		
P15Y018	1/2"F x 1/2"M	5	50
P15Y015	1"F x 1/2"M	10	50
P15Y016	1"F x 3/4"M	10	50
P15Y017	1"F x 1"M	5	50

Couple of brass tail pieces, male threaded, with nut and gasket, for the connection of R274N, R274C six-way zone valves.



P15F

PRODUCT CODE	SIZE		
P15FY013	1/2"F x 1/2"F	5	50
P15FY004	1"F x 3/4"F	1	50
P15FY005	1"F x 1"F	1	50

Couple of brass tail pieces, female threaded, with nut and gasket, for the connection of R274N, R274C six-way zone valves.



R295

PRODUCT CODE	SIZE		
R295Y001	1 1/2"	1	10

Four-way mixing valve male-female connections.
Centre distance: 120 mm.

INFO

To be completed with K274 or K275 actuator.



R296

PRODUCT CODE	SIZE		
R296Y001	1 1/2"	1	-

Three-way mixing valve male-female connections.
Centre distance: 120 mm.

INFO

To be completed with K274, K275 or K275-1 actuator.



R197P

PRODUCT CODE	SIZE		
R197PY001	1 1/4" x 1 1/2"	10	100

Fitting for horizontal installation of R295, R296 mixing valves.



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.



R298

PRODUCT CODE	SIZE		
R298Y027	1 1/2"	1	-

Three-way mixing valve male-female flat seat connections.
Centre distance: 120 mm. M30 x 1,5 mm actuator connection.

① INFO

To be completed with K281 or K282 actuator.



R298N

PRODUCT CODE	SIZE		
R298Y024	3/4"	1	-

Three-way mixing valve female-female connections.
M30 x 1,5 mm actuator connection.

① INFO

To be completed with K281 or K282 actuator.



R276

PRODUCT CODE	SIZE		
R276Y004	3/4"	1	25
R276Y005	1"	1	25

Two-way zone valve with female-female connections.

① INFO

To be completed with K270 or K272 actuator.



R277

PRODUCT CODE	SIZE		
R277Y004	3/4"	1	25
R277Y025	1"	1	10

Two-way zone valve with male-male connections with tail pieces.

① INFO

To be completed with K270 or K272 actuator.



R278

PRODUCT CODE	SIZE		
R278Y004	3/4"	1	10
R278Y005	1"	1	10

Three-way zone valve with male-male connections with tail pieces, by-pass and lockshield for adjustment.

① INFO

To be completed with K270 or K272 actuator.



R279

PRODUCT CODE	SIZE		
R279Y004	3/4"	1	25
R279Y005	1"	1	10

Three-way zone valve with female-female connections, with lockshield for adjustment.

① INFO

To be completed with K270 or K272 actuator.



R279D

PRODUCT CODE	SIZE		
R279DY024	3/4"	1	-
R279DY025	1"	1	-

Three-way diverting valve with female-female connections.

① INFO

To be completed with K270 or K272 actuator.



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	-

Two-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

Two-way piston zone valve, male-male connections with tail pieces.

① INFO

To be completed with R473, R473M actuator.



R292

PRODUCT CODE	SIZE		
R292Y004	3/4"	1	10
R292Y005	1"	1	10

Three-way piston zone valve, male-male connections with tail pieces.

① INFO

To be completed with R473, R473M actuator.



R292E

PRODUCT CODE	SIZE		
R292EY004	3/4"	1	10
R292EY005	1"	1	10

Three-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.



P15E

PRODUCT CODE	SIZE		
P15EY004	1" x 3/4"	1	15
P15EY005	1" x 1"	1	15

Eccentric tail piece.



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.



P275

PRODUCT CODE	SIZE		
P275Y001	Kit for R297 flanged valves	1	-

Installation kit for K275/K275-1 actuators on R297 flanged valves.



Electrical 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 sensor. Can be used to replace the manual handwheels on 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 sensor. Can be used to replace the manual handwheels on manifolds.



K281

PRODUCT CODE	SIZE		
K281X012	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	-

Actuator for R298 or R298N mixing valves, R206A, R206AM PICV, R280K compact preassembled kit for terminal units. Operation in combination with Giacomini thermoregulation. M30 x 1,5 mm connection.



INFO

- K281X012: actuator for valves R298, R298N, R280K. Power supply 24 V. Version 0÷10 V.
- K281X022: actuator for valves R298, R298N, R280K. 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. Power supply 24 V; Version 0÷10 V.

K282

PRODUCT CODE	SIZE		
K282X022	24 V - 3 point floating	1	-

Actuator for R298 or R298N mixing valves. With integrated delivery temperature probe and electronic regulator. M30 x 1,5 mm connection.



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.



K274-2

PRODUCT CODE	SIZE		
K274Y052	24 V / 0-10 V (CE, UL)	1	-
K274Y072	24 V / 0-10 V (CE)	1	-

Actuator for R274N, R274C six-way zone valves. Automatic or manual operation by handwheel. Power supply 24 V - 0-10 V.



K274

PRODUCT CODE	SIZE		
K274Y101	230 V / 3-point floating	1	-
K274Y102	24 V / 3-point floating	1	-

Actuator for R295, R296 mixing valves. Possibility of automatic command in combination with Giacomini thermoregulation.



K275-1

PRODUCT CODE	SIZE		
K275Y011	230 V - 3-point floating	1	-
K275Y013	24 V - 0-10 V	1	-

Actuator for R296 or R297 mixing valves.



K272

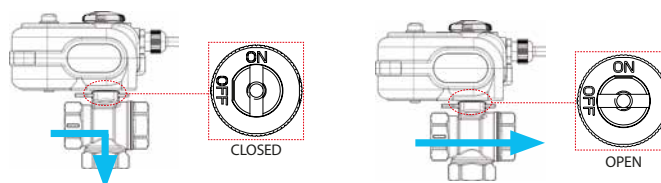
PRODUCT CODE	SIZE		
K272Y101	230 V	1	-
K272Y102	24 V	1	-

Actuator for R276, R277, R278, R279 zone valves and R279D diverting valve. With stroke-end microswitch and handwheel for manual operation. 90° rotation in around 60 seconds.



① INFO

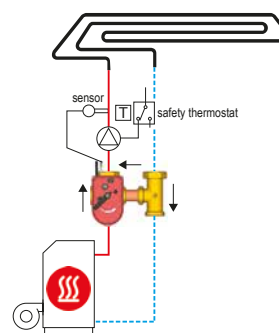
Actuator used also in R276B valves.



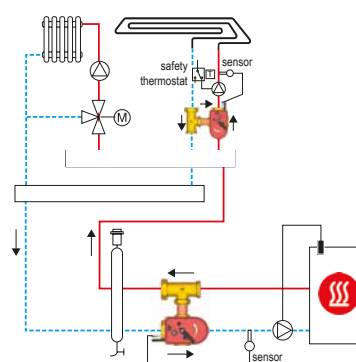
K275

PRODUCT CODE	SIZE		
K275Y002	24 V / 230 V	1	-

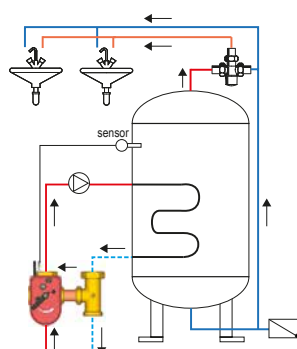
Actuator with integrated regulator for R295, R296 or R297 mixing valves.



Underfloor heating
Maintain a constant temperature of heating water. The installation of a safety thermostat is recommended.
























Radiator and underfloor radiant systems
Maintain a constant return flow water temperature (protection against condensation in solid fuel boiler) and constant temperature in the heating system.




Tank to heat the drinking water
Maintain a constant water temperature inside the hot water tank.

MIXING VALVE - ACTUATOR COMPATIBILITY TABLE

										
	K275	K275-1	K274	K281	K282	K274-2	K272	K270	R473	R473M
 R297	✓	✓								
 R298				✓	✓					
 R298N				✓	✓					
 R296	✓	✓	✓							
 R274N						✓				
 R276							✓	✓		
 R277							✓	✓		
 R278							✓	✓		
 R279							✓	✓		
 R291									✓	✓
 R292									✓	✓

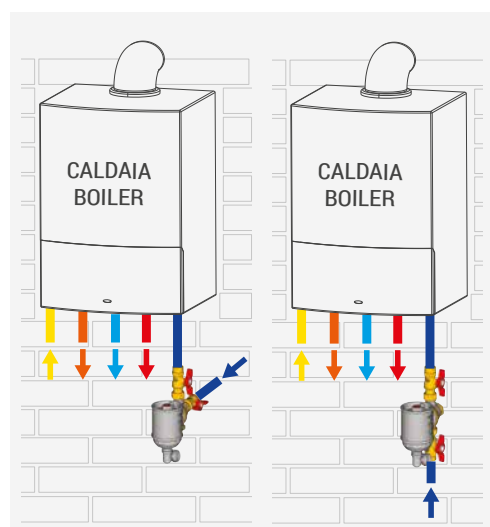
Dirt and hydraulic separators

R146C

PRODUCT CODE	SIZE		
R146CX004	3/4"M	1	10
R146CX005	1"M	1	10

KIT DIRT-SEPARATOR + BALL VALVE + ADJUSTABLE TAIL PIECE

PRODUCT CODE	SIZE		
R146CKX004	3/4"M (kit)	1	10



VIDEO

Scan the QR-Code with a smartphone or tablet to view the video-tutorial

Adjustable magnetic dirt separator.

Equipped with adjustable inlet/outlet fitting with 3/4"M or 1"M ISO 228 connections, cap, adjustable drain cock, filter, magnet housing and magnet.

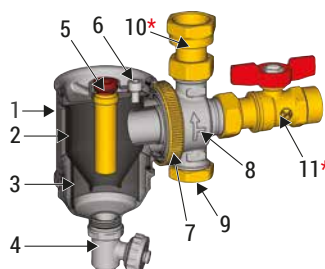
INFO

Optional accessories for R146CX004

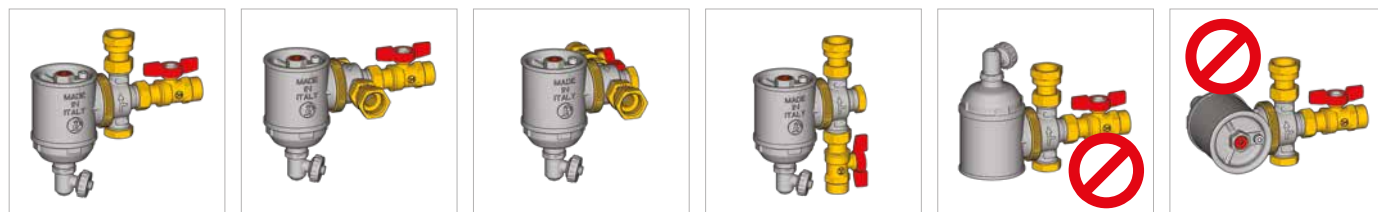
- R254PY034: shut-off ball valve, 3/4"F flat seat nut (ISO228) x 3/4"M (ISO228)
- R176PY008: tail piece, 3/4"F flat seat nut (ISO228) x 3/4"F (ISO228)
- R176PY018: adjustable tail piece, 3/4"F flat seat nut (ISO228) x 3/4"F (ISO228)

Optional accessories for R146CX005

- P15FY005: pair of two tail pieces, 1"F flat seat nut (ISO228) x 1"F (Rp - EN10226)



- (1) Dirt separator body, (2) Cyclonic chamber, (3) Filter, (4) Adjustable drain cock, (5) Magnet housing and magnet, (6) Air vent screw, (7) Fitting lock nut, (8) Adjustable inlet/outlet fitting, (9) Cap (3/4"F or 1"F depending on the codes), (10) 3/4"F x 3/4"F flat seat tail piece *(Optional), (11) 3/4"M x 3/4"F interception ball valve *(Optional).



A piece of life.



NEW R146C DIRT SEPARATOR.

MAKE YOUR JOB EASIER, GIVE A LONGER LIFE TO YOUR BOILER.

No impurities. No worries. The innovative R146C dirt separator will change everything. Extremely compact, it makes installation and maintenance much easier, giving you a combined solution for cleaning your hydraulic system: classic inox filtration, magnetic action, cyclonic effect. The best supporter for your well-being. For your job and people's comfort. *Giacomini, a piece of life.*



R146M

THREADED CONNECTIONS

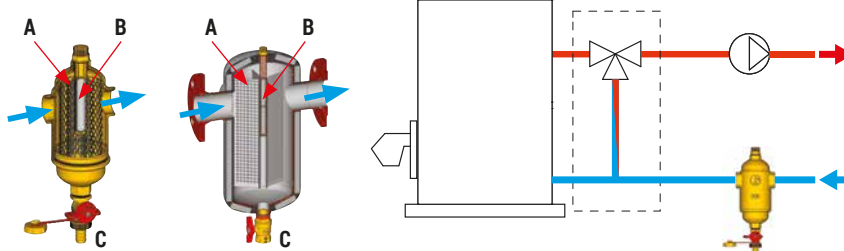
PRODUCT CODE	SIZE		
R146MY014	3/4"	1	-
R146MY015	1"	1	-
R146MY016	1 1/4"	1	-
R146MY017	1 1/2"	1	-
R146MY018	2"	1	-

FLANGED CONNECTIONS

PRODUCT CODE	SIZE		
R146MY105	DN50	1	-
R146MY106	DN65	1	-
R146MY108	DN80	1	-
R146MY110	DN100	1	-
R146MY112	DN125	1	-
R146MY115	DN150	1	-

OPERATION

The flow enters the dirt separator and is slowed down, allowing for the separation of the solid impurities present in the fluid. The solid impurities are separated when they collide with the metal mesh (A) and ferrous particles are retained by the attraction force generated by the magnet (B). The filter can be cleaned without having to remove it and/or switch off the system, by opening the shut-off cock (C) and removing the magnet (B) from the container housing, by pulling it upwards.



Magnetic dirt separator with female threaded connections (insulation optional) or flanged connections (with insulation). Equipped with magnet holder housing, P146M magnetic kit, drain cock, filter and gaskets.

① INFO

THREADED VERSION

- Housing for magnetic kit, size 1/2"M
- Female threaded connections UNI ISO228

FLANGED VERSION

- Housing for magnetic kit, size 1/2"M
- Flange UNI EN 1092-1 PN16
- Insulation: thickness 20 mm, density 30 kg/m³, thermal conductivity 0,038 W/m K, fire reaction class B2)

R146D

THREADED CONNECTIONS

PRODUCT CODE	SIZE		
R146DY004	3/4"	1	-
R146DY005	1"	1	-
R146DY014	3/4"	1	-
R146DY015	1"	1	-
R146DY016	1 1/4"	1	-
R146DY017	1 1/2"	1	-
R146DY018	2"	1	-

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).

It can be use also as a deaerator unit by installing the R99S air vent valve instead of the upper plug. Equipped with drain cock, filter and gaskets.

① INFO

THREADED VERSION

- Upper connection: 1/2"F
- Female threaded connections UNI ISO228

FLANGED VERSION

- Upper connection: 1/2"F
- Flange UNI EN 1092-1 PN16
- Insulation: thickness 20 mm, density 30 kg/m³, thermal conductivity 0,038 W/m K, fire reaction class B2)



R146I

THREADED CONNECTIONS

PRODUCT CODE	SIZE		
R146IY005	1"	1	-
R146IY006	1 1/4"	1	-
R146IY007	1 1/2"	1	-
R146IY008	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, with insulation. Equipped with automatic air vent valve and drain cock with hose connection.

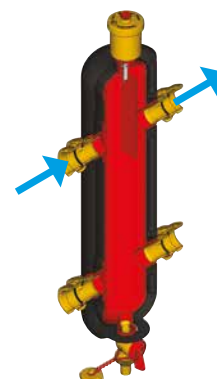
① INFO

THREADED VERSION

- Connections: UNI ISO228 for 1", 1 1/4".
- Connections: IS07/1 for 1 1/2", 2".
- Insulation: density 40 kg/m³, thermal conductivity 0,023 W/mK, fire reaction class 1.

FLANGED VERSION

- Flange: UNI EN 1092-1 PN16
- Insulation: density 30 kg/m³, thermal conductivity 0,039 W/mK, fire reaction class B2.



R146IM

THREADED CONNECTIONS

PRODUCT CODE	SIZE		
R146IM005	1"	1	-
R146IM006	1 1/4"	1	-
R146IM007	1 1/2"	1	-
R146IM008	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 equipped with magnet to remove solid debris, with female threaded or flanged connections, with insulation. Equipped with automatic air vent valve and drain cock with hose connection.

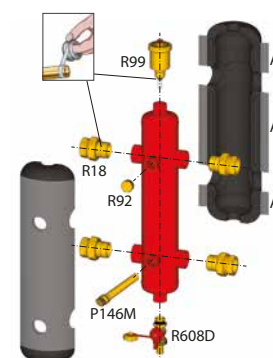
① INFO

THREADED VERSION

- Connections: UNI ISO228 for 1", 1 1/4".
- Connections: IS07/1 for 1 1/2", 2".
- Insulation: density 40 kg/m³, thermal conductivity 0,023 W/mK, fire reaction class 1.

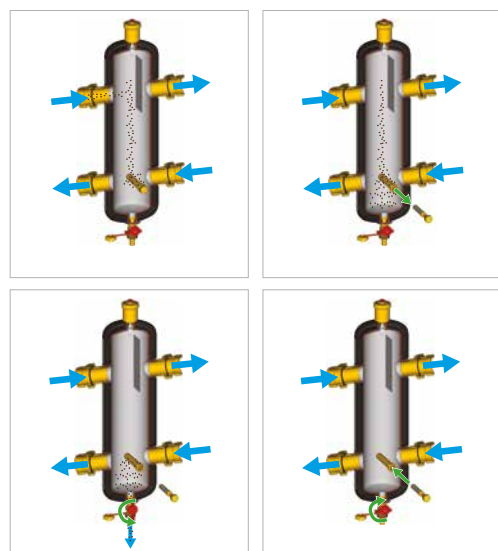
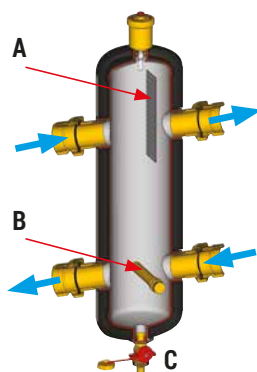
FLANGED VERSION

- Flange: UNI EN 1092-1 PN16
- Insulation: density 30 kg/m³, thermal conductivity 0,039 W/mK, fire reaction class B2.



① INFO

The R146IM hydraulic separator enables to decouple the primary circulator flow from the secondary. When the flow running through a primary or secondary circuit exceeds the one circulating in the other, the separator bypasses part of the flow. This results in a production circuit featuring a constant flow and a distribution circuit with a variable flow. The flow enters the separator and slows down to separate the solid debris from the fluid. The solid impurities are separated when they collide with the metal mesh (A) and ferrous particles are retained by the attraction force generated by the magnet (B). We recommend to periodically open the drain tap (C) on the lower end of the separator to discharge possible debris collected on the bottom of the separator.



P146C

FOR DIRT SEPARATORS WITH NEW RED MAGNET

PRODUCT CODE	SIZE		
P146CY002	3/8" - Length 81 mm	1	-
P146CY012	3/8" - Length 81 mm	1	-

FOR DIRT SEPARATORS WITH OLD TYPE MAGNET

PRODUCT CODE	SIZE		
P146CY003	3/8" - Length. 63 mm + housing	1	-
P146CY012	3/8" - Length 81 mm	1	-
P146CY001	3/8" - Length 51 mm *	1	-
P146CY011	3/8" - Length 81 mm *	1	-

Magnetic kit for R146C dirt separator.

① INFO

P146CY002: for 3/4" R146C dirt separator

P146CY012: for 1" R146C dirt separator

P146CY003: for 3/4" R146C dirt separator (brass housing included)

P146CY001: for 3/4" R146C dirt separator

P146CY011: for 1" R146C dirt separator

* Last in production

P146CY002 - P146CY012



P146M

PRODUCT CODE	SIZE		
P146MY002	1/2" - Length 90 mm	1	-
P146MY003	1/2" - Length 110 mm	1	-
P146MY103	1/2" - Length 245 mm	1	-
P146MY104	1/2" - Length 375 mm	1	-
P146MY105	1/2" - Length 395 mm	1	-

Kit composed of magnet holder housing with gaskets for installation on dirt separator and/or hydraulic separators.

① 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".

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 dirt separator.



R146W

INSULATION FOR THREADED R146D, R146M

PRODUCT CODE	SIZE		
R146WY001	3/4" - 1"	1	-
R146WY002	1 1/4" - 1 1/2"	1	-
R146WY003	2"	1	-

INSULATION FOR R146C

PRODUCT CODE	SIZE		
R146WY504	3/4"	1	-

Insulation for R146D, R146M and R146C threaded dirt separators. Thickness 20 mm, density 30 kg/m³, thermal conductivity 0,038 W/m K, fire reaction class B2.



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. Room 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.



Protect the quality of your system and your work

Radiant
Systems

Energy
Management



▲ Brand new non-acid products to protect system materials and the environment.

▲ Easy to use and measure: 1 liter for 100 liters of system water.

K375

PRODUCT CODE	SIZE		
K375Y021	1l	1	18

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	1l	1	18

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 start-up deposits of different types.



K381

PRODUCT CODE	SIZE		
K381Y001	1l	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	1l	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.



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	-	-
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 hot/cold 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: 551E 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	-

Safety thermostat INAIL approved.

INFO

K373Y013: contact regulation thermostat.
Temperature regulation: 20÷90 °C.

K373Y021: immersion regulation thermostat.
Temperature regulation: 0÷90 °C.
Max. working pressure: 10 bar.
Bulb length: 97 mm. Housing (included): 1/2"NPT-M; length 100 mm.

K373Y022: immersion safety and regulation bi-thermostat, with manual reset.
Temperature regulation: 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.

K373Y013



K373Y021



K373Y022



K373Y023



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	-

Pressure switch.

INFO

K374Y001: safety pressure switch with manual reset.
Regulation range: 2-4,5 bar.
Pressure of intervention: 3 bar (factory set).

K374Y002: minimal pressure switch with manual reset.
Regulation range: 0,5-1,7 bar.
Pressure of intervention: 0,9 bar (factory set).

K374Y003: regulation pressure switch for autoclaves.
Regulation range: 1-5 bar.
Pressure of intervention: 1,4-2,8 bar (factory set).

K374Y004: regulation pressure switch for autoclaves.
Regulation range: 3-12 bar.
Pressure of intervention: 5-7 bar (factory set).

K374Y001 - K374Y002



K374Y003 - K374Y004



K500

PRODUCT CODE	SIZE		
K500Y002	1"	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	1/2" - Length 45 mm	1	250
R227Y010	1/2" - Length 100 mm	1	15

Thermometer brass housing.



R228I

PRODUCT CODE	SIZE		
R228IY001	1/4"	1	5
R228IY002	3/8"	1	5
R228IY003	1/2"	1	5

3-way pressure gauge holder cock.
Compliance with INAIL.



R228A

PRODUCT CODE	SIZE		
R228AY001	1/4"	1	-
R228AY002	3/8"	1	-
R228AY003	1/2"	1	-

Damper for the protection of pressure gauge. To be used in combination with R225I and R228I.



R225I

PRODUCT CODE	SIZE		
R225IY004	1/4" 0÷6 bar	1	-
R225IY005	1/4" 0÷6 bar	1	-
R225IY006	1/4" 0÷10 bar	1	-
R225IY007	1/4" 0÷10 bar	1	-
R225IY009	3/8" 0÷4 bar	1	-
R225IY010	3/8" 0÷6 bar	1	-
R225IY011	3/8" 0÷10 bar	1	-

Pressure gauge in compliance with INAIL.

INFO

R225IY004: back connection.
R225IY005: radial connection.
R225IY006: radial connection.
R225IY007: back connection.
R225IY009: radial connection.
R225IY010: radial connection.
R225IY011: radial connection.



R540I

PRODUCT CODE	SIZE		
R540IY001	1/2"	1	-
R540IY002	1/2"	1	-
R540IY003	1/2"	1	-

Thermometer, scale 0÷120 °C, in compliance with INAIL.

INFO

R540IY001:
50 mm thermometer housing, back connection.
R540IY002:
100 mm thermometer housing, back connection.
R540IY003:
50 mm thermometer housing, radial connection.



R540

PRODUCT CODE	SIZE		
R540Y002	3/8" - 0÷80 °C - Ø40 mm	1	-
R540Y003	1/2" - 0÷120 °C - Ø61,5 mm	1	-
R540Y021	3/8" - 0÷120 °C - Ø40 mm	1	-

Thermometer, back connection.



R226

PRODUCT CODE	SIZE		
R226Y001	1/2" 0÷4 bar	1	50
R226Y002	1/2" 0÷6 bar	1	50

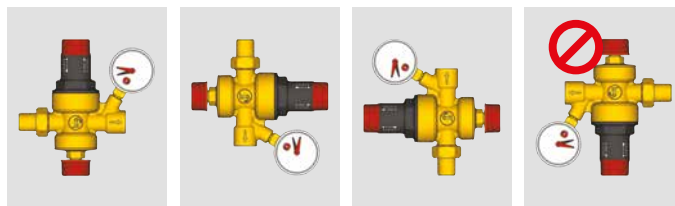
Thermometer/pressure gauge.
Temperature scale: 20÷120 °C.
Pressure scale: 0÷4 bar or 0÷6 bar.



R150M

PRODUCT CODE	SIZE		
R150MY003	1/2" - with manometer	1	10
R150MY013	1/2" - without manometer	1	10

Automatic filling unit for installation on water addition 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.
Connections: inlet 1/2" M with tail piece; outlet 1/2" F; pressure gauge: 1/4" F.



WARNING We recommend installing an interception valve before the filling group to clean and service of the cartridge and filter.

R150B

PRODUCT CODE	SIZE		
R150BY103	1/2"	1	25

Female x male filling valve, plastic coated tail piece.



R150

PRODUCT CODE	SIZE		
R150Y103	1/2"	1	25

Female x female filling valve.



Water controls

R153M

PRODUCT CODE	SIZE		
R153MY003	1/2"	1	-
R153MY004	3/4"	1	-
R153MY005	1"	1	-
R153MY006	1 1/4"	1	-
R153MY007	1 1/2"	1	-
R153MY008	2"	1	-

Diaphragm pressure reducer, PN25, female-female connections. With Rp 1/4"F connection for pressure gauge.



R153MK

PRODUCT CODE	SIZE		
R153MY103	1/2"	1	10
R153MY104	3/4"	1	10
R153MY105	1"	1	6

Diaphragm pressure reducer, PN25, tail pieces male connections. With pressure gauge, scale 0÷10 bar.



R153C

PRODUCT CODE	SIZE		
R153CX003	1/2"	1	-
R153CX004	3/4"	1	-

Piston pressure reducer, PN16, female-female connections. With Rp 1/4"F connection for pressure gauge.



R153P

PRODUCT CODE	SIZE		
R153PX003	1/2"	1	-
R153PX004	3/4"	1	-
R153PX005	1"	1	-
R153PX006	1 1/4"	1	-
R153PX007	1 1/2"	1	-
R153PX008	2"	1	-

Piston pressure reducer, PN25, female-female connections. With Rp 1/4"F connection for pressure gauge.



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.



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 domestic hot 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	1/4" 0÷6 bar	1	100
R225Y002	1/4" 0÷10 bar	1	100
R225Y012	1/4" 0÷10 bar	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

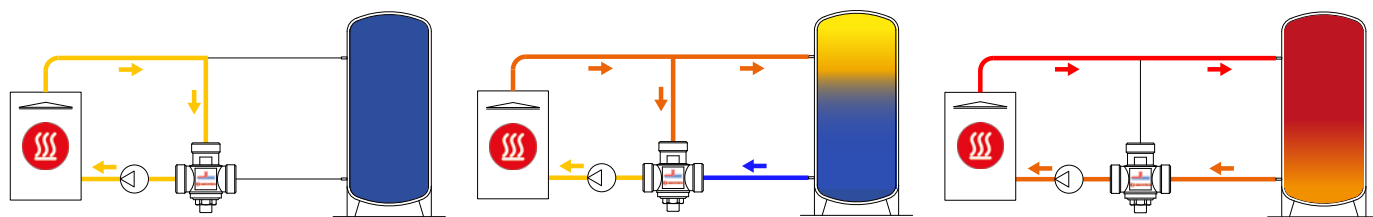
PRODUCT CODE	SIZE		
R157AY051	1" (45 °C)	1	-
R157AY052	1" (55 °C)	1	-
R157AY053	1" (60 °C)	1	-
R157AY054	1" (70 °C)	1	-

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 sensor. Complete with remote probe with housing and 1/2"M connection.
Capillary pipe 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-1

PRODUCT CODE	SIZE		
R140PX028	1/2" x Ø 15 mm (10 bar)	1	-
R140PX038	3/4" x Ø 22 mm (10 bar)	1	-

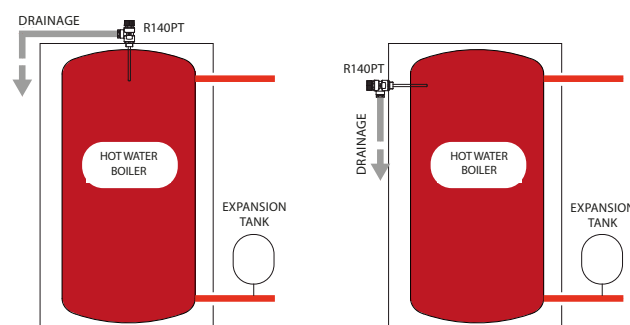
Combined temperature and pressure safety valve, male connections. Use with hot/cold water for solar thermal systems.
Calibration temperature: 100°C.
Calibration pressure: 10 bar.
Nominal pressure: 10 bar.



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.



R158

PRODUCT CODE	SIZE		
R158Y001	3/4"	1	-

Draught regulator for delivery water temperature control in solid fuel boilers.



➤ Backflows, filters, check valves

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).



R623

PRODUCT CODE	SIZE		
R623Y004	3/4"	1	25
R623Y005	1"	1	25

Dual-check backflow preventer. ED 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).



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.

① INFO

P74MY001: for R74A and R74M filters of 1/2" and 3/4".
P74MY002: for R74A and R74M filters of 1" and 1 1/4".
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.



P74M

PRODUCT CODE	SIZE		
P74MY001	1/2", 3/4" - Length 29 mm	1	-
P74MY002	1", 1 1/4" - Length 44 mm	1	-
P74MY003	1 1/2", 2" - Length 55 mm	1	-

Magnetic kit for R74A and R74M filters.

① INFO

P74MY001: for R74A and R74M filters of 1/2" and 3/4".
P74MY002: for R74A and R74M filters of 1" and 1 1/4".
P74MY003: for R74A and R74M filters of 1 1/2" and 2".



R60

PLATE IN POLYMERIC MATERIAL

PRODUCT CODE	SIZE		
R60Y002	3/8"	1	-
R60Y003	1/2"	1	-
R60Y004	3/4"	1	-
R60Y005	1"	1	-
R60Y006	1 1/4"	1	-
R60Y007	1 1/2"	1	-
R60Y008	2"	1	-
R60Y009	2 1/2"	1	-
R60Y010	3"	1	-
R60Y011	4"	1	-

PLATE IN METALLIC MATERIAL

PRODUCT CODE	SIZE		
R60Y032	3/8"	1	-
R60Y033	1/2"	1	-
R60Y034	3/4"	1	-
R60Y035	1"	1	-
R60Y036	1 1/4"	1	-
R60Y037	1 1/2"	1	-
R60Y038	2"	1	-
R60Y039	2 1/2"	1	-
R60Y040	3"	1	-
R60Y041	4"	1	-

Disc check valve, brass finish. Temperature range: 5÷95 °C (110 °C for peaks).

① INFO

Plate in polymeric material:
16 bar (from 3/8" to 1")
10 bar (from 1 1/4" to 2")
8 bar (from 2 1/2" to 4")

Plate in metallic material:
35 bar (from 3/8" to 1")
25 bar (from 1 1/4" to 2")
12 bar (from 2 1/2" to 4")



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).



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"	-	-
R55Y009	2 1/2"	1	6
R55Y010	3"	1	3
R55Y012	4"	1	2

Brass gate valve, female-female connections.





R54

PRODUCT CODE	SIZE		
R54Y004	3/4"	5	50
R54Y005	1"	4	20
R54Y006	1 1/4"	5	30

Brass gate valve, female-male connections.




R230

PRODUCT CODE	SIZE		
R230Y005	Ø22	5	50
R230Y006	Ø28	4	20

Brass gate valve, welding 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 circulators



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 circulator 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 wrench.

R37K

PRODUCT CODE	SIZE		
R37KY003	1" x 1/2"	30	-
R37KY004	1 1/4" x 3/4"	25	-
R37KY005	1 1/2" x 1"	25	-
R37KY006	2" x 1 1/4"	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 circulator.



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 circulator 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 circulator connection. Brass finishing. Standard port. Red lever handle (water use).

① 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 circulator connection. Brass finishing. Standard port. Red T-handle (water use).

① 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 circulator 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 circulator 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

NYLON GLASS AND INOX FILTER

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.



N3

PRODUCT CODE	SIZE		
N3Y001	3/8"FF	1	25

Oil filter.
Nylon glass and inox filter.



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 of 8 mm, 10 mm, 12 mm and brass nuts.



INFO

N1UBY002: brass ferrule.

N10

PRODUCT CODE	SIZE		
N10Y002	3/8"	1	200
N10Y003	1/2"	1	100

Check valve for tank.



N2

PRODUCT CODE	SIZE		
N2Y001	3/8"FF	1	20

Oil filter with shut-off cock.
Nylon glass and inox filter.



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.



N17

PRODUCT CODE	SIZE		
N17Y002	3/8"	10	100
N17Y003	1/2"	10	100

Shut-off emergency valve.



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.



P36

PRODUCT CODE	SIZE		
P36Y001	-	1	-

Filter insert stainless for N1, N2, N3.



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.



① 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.

P78T

PRODUCT CODE	SIZE		
P78TY001	N1	1	-
P78TY002	N2-N3	1	-

Transparent filter cup.



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.





① 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.

Solar thermal systems components

R586S-O

PRODUCT CODE	SIZE		
R586SY002	3/4"	1	-

Single-way circulation unit for solar thermal systems, with safety group and mechanical flow meter. Circulator ErP compliance. To be coupled with KTD electronic unit.





R586S

PRODUCT CODE	SIZE		
R586SY001	3/4"	1	-

Two-way circulation unit for solar thermal systems, with safety group and mechanical flow meter. Circulator 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.

INFO

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: delivery valve for R586S 3/4".
P586SY006: safety fitting R586S 1/2"xMx3/4"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	-

Domestic hot 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.

200 Valves with flanged connections



Energy Management



Radiant Systems



Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems



Fire Protection

Valves with flanged connections

R206AF

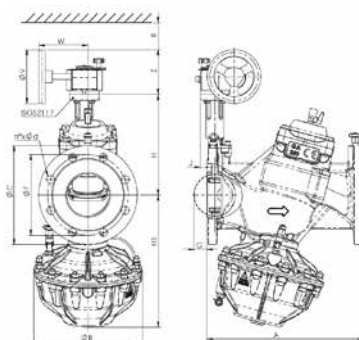
PRODUCT CODE	SIZE		
R206AY306	DN65	1	-
R206AY308	DN80	1	-
R206AY310	DN100	1	-
R206AY312	DN125	1	-
R206AY315	DN150	1	-

ACTUATORS FOR R206AF PRESSURE INDEPENDENT CONTROL VALVE WITH FLANGED CONNECTIONS

K274Y301	24 V - DN65 DN80	1	-
K274Y302	24 V - DN100 DN150	1	-

PERFORMANCE

- Fluids: water, water-glycol mix (max. 50 % glycol)
- Working temperature range: -10÷120 °C
- Max. static pressure: 16 bar
- Max. differential pressure: 4 bar



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.

① INFO

R206AF flanged valves are available by checking the conditions of supply with our sales managers.

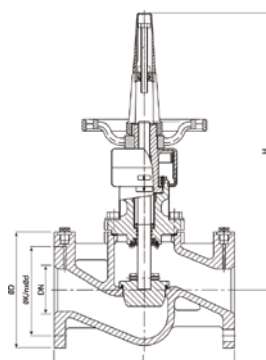
PRODUCT CODE	A	H	H1	B	S	J	G	C	F	n x D	W	Z	V	R
R206AY306	290	205	217	200	14,8	15	17	185	145	4 x 18	98	100	120	>100
R206AY308	310	214	281	242	14,8	15	25	200	160	8 x 18	99	100	120	>100
R206AY310	350	224	295	242	14,8	15	30	220	180	8 x 18	101	100	120	>100
R206AY312	400	272	317	242	14,8	28	46	250	210	8 x 18	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	-

MAX. WORKING CONDITIONS WITH WATER

- Max. working temperature: 120 °C
- Nominal pressure: 16 bar
- Max. working pressure (continuous): 11 bar



Cast iron static balancing valve. With stainless steel disc, flanged connections and 1/4" F plug for differential pressure measure. Suitable for application with water -10÷120 °C, PN16.

① 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	-

MAX. WORKING CONDITIONS WITH WATER

- Fluids: water, water-glycol mix (max. 50 % glycol)
- Max. working temperature: $-10 \div 120$ °C
- Max. working pressure: 16 bar
- Controllable diff. pressure range for DN65-100: 20÷100 kPa or 80÷160 kPa
- Controllable diff. pressure range for DN125-150: 20÷100 kPa



Differential pressure control valve DPCV with flanged connections.

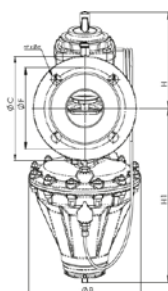
The valves balance and control the differential pressure automatically and proportionally.

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 regulation 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.

① INFO

R206CF 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	170	310	200	185	145	4 x 18
R206CY316						
R206CY308	182	400	242	200	160	8 x 18
R206CY318						
R206CY310	200	414	242	220	180	8 x 18
R206CY320						
R206CY312	275	436	242	250	210	8 x 18
R206CY315	300	460	242	285	240	8 x 22

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	-

MAX. WORKING CONDITIONS WITH WATER

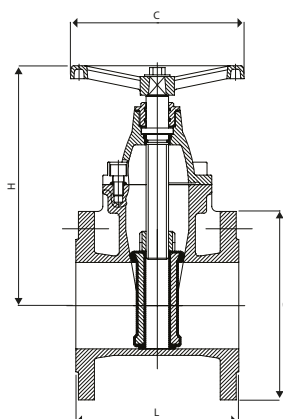
- Max. working temperature: 100 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar

APPLICABLE EU DIRECTIVES

- Fluids of use: group 2 - liquid (2014/68/EU PED)



Gate valve with EPDM coated wedge.



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

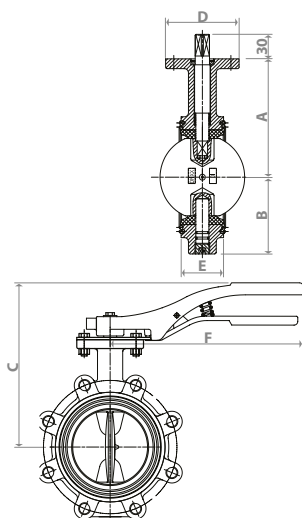
R59FL

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.

① INFO

* Butterfly valve with gear box - Nickel plated ductile iron disc.

MAX. WORKING CONDITIONS WITH WATER

- Max. working temperature: 120 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar

APPLICABLE EU DIRECTIVES

- Fluids of use: group 2 - liquid (2014/68/EU PED).

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

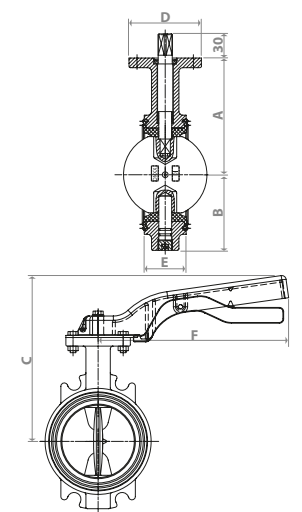
R59W

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.

① INFO

* Butterfly valve with gear box - Nickel plated ductile iron disc

MAX. WORKING CONDITIONS WITH WATER

- Max. working temperature: 120 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar

APPLICABLE EU DIRECTIVES

- Fluids of use: group 2 - liquid (2014/68/EU PED).

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

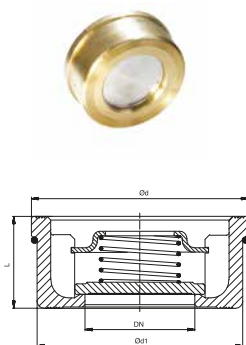
PRODUCT CODE	SIZE		
R60WY000	DN15	1	-
R60WY001	DN20	1	-
R60WY002	DN25	1	-
R60WY003	DN32	1	-
R60WY004	DN40	1	-
R60WY005	DN50	1	-
R60WY006	DN65	1	-
R60WY008	DN80	1	-
R60WY010	DN100	1	-

MAX. WORKING CONDITIONS WITH WATER

- Max. working temperature: 120 °C
- Nominal pressure: 16 bar
- Max. working pressure (continuous): 11 bar

APPLICABLE EU DIRECTIVES

- Fluids of use: group 2 - liquid and gases (2014/68/EU PED)



Brass body disc type check valve.

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

R74OFL

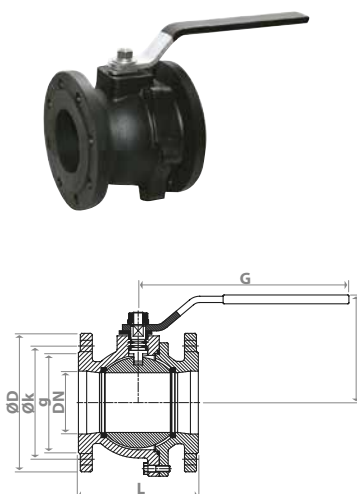
PRODUCT CODE	SIZE		
R74OFLY004	DN40	1	-
R74OFLY005	DN50	1	-
R74OFLY006	DN65	1	-
R74OFLY008	DN80	1	-
R74OFLY010	DN100	1	-
R74OFLY012	DN125	1	-
R74OFLY015	DN150	1	-
R74OFLY020	DN200	1	-

MAX. WORKING CONDITIONS WITH WATER

- Max. working temperature: 120 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar

APPLICABLE EU DIRECTIVES

- Fluids of use: group 2 - liquid (2014/68/EU PED)



Full bore ball valve with stainless steel ball.

PRODUCT CODE	L	Ød	ØK	g	H	G
R74OFLY004	140	150	110	84	120	190
R74OFLY005	150	165	125	99	130	260
R74OFLY006	170	185	145	118	140	260
R74OFLY008	180	200	160	132	155	335
R74OFLY010	190	220	180	156	170	335
R74OFLY012	325	250	210	184	190	335
R74OFLY015	350	285	240	211	245	700
R74OFLY020	400	340	295	266	280	700

R74FL

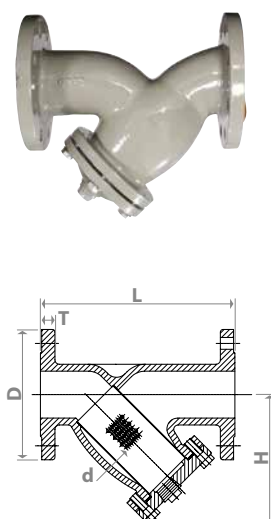
PRODUCT CODE	SIZE		
R74FLY005	DN50	1	-
R74FLY006	DN65	1	-
R74FLY008	DN80	1	-
R74FLY010	DN100	1	-
R74FLY012	DN125	1	-
R74FLY015	DN150	1	-
R74FLY020	DN200	1	-
R74FLY025	DN250	1	-
R74FLY030	DN300	1	-

MAX. WORKING CONDITIONS WITH WATER

- Max. working temperature: 120 °C
- Max. working pressure: 16 bar
- Max. working pressure (continuous): 11 bar

APPLICABLE EU DIRECTIVES

- Fluids of use: group 1 & 2 - liquid and gases (2014/68/EU PED)



Strainer with stainless steel screen, epoxy painted.

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 1/2"
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"

AIR TREATMENT AND RESIDENTIAL HRV

To complete our radiant HVAC systems, we offer indoor ventilation and air treatment solutions to provide comfort, energy saving, hygiene and health.

- 206 Air dehumidification/integration
- 210 Heat recuperators
- 216 Heat recuperators with dehumidification/thermodynamic integration
- 222 Heat recuperators with dehumidification/hydronic integration
- 226 Heat pump active recuperators (Clean-Air)
- 230 Air distribution components (plenum and manifolds, air diffusers and grids, ducts and fittings..)
- 239 Spare parts for centralized HRV
- 240 Pinch-point heat recuperators (decentralized HRV)



Energy Management



Radiant Systems



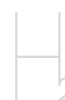
Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems



Fire Protection

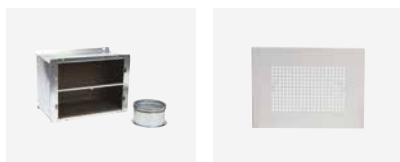
➤ Air dehumidification/integration

1 - Dehumidifiers



p. **208**

2 - Plenums for room openings and grids



p. **230**

3 - Ducts, fittings, accessories



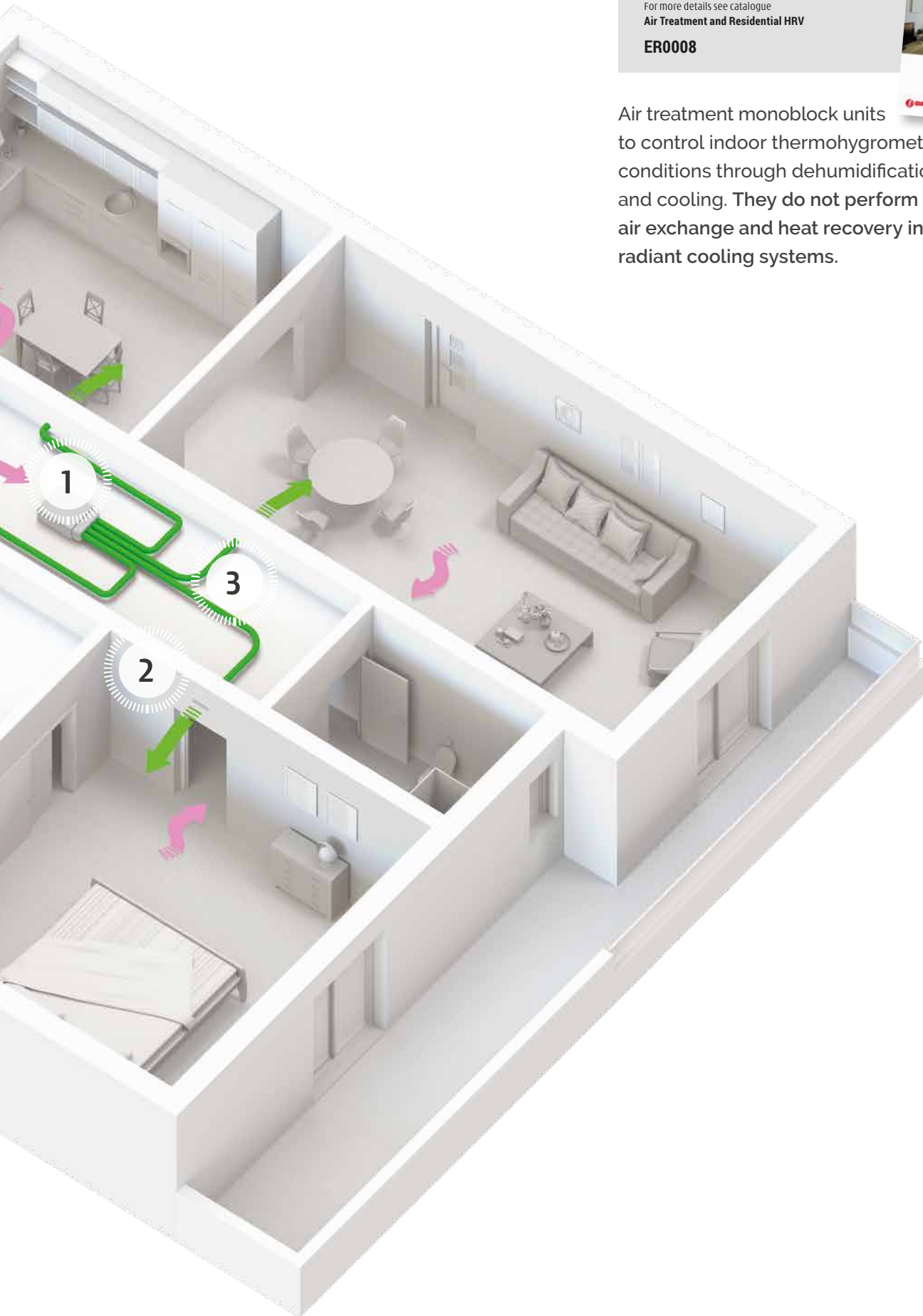
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For more details see catalogue
Air Treatment and Residential HRV
ER0008



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.



KDP

PRODUCT CODE	SIZE		
KDPHY024	Dehumidification	1	-
KDPRHY024	Dehumidification + integration	1	-

WITH ECO-FRIENDLY GAS AND MORE EFFICIENT



Wall flush-mount monoblock unit for humidity control and use with cooling radiant systems. Optional sensible power integration.

Equipped with removable synthetic filtering system class G3 (EN7 79:2002), centrifugal fan with 3-speed direct-coupling motor, cooling circuit with R290 cooling gas, hydraulic circuit, treatment coils with copper pipe and aluminum fins.

Also available: counter-case and front panel in white lacquered wood.

Dehumidification capacity 23,0 l/24h.

Air flow rate during dehumidification 200 m³/h and 300 m³/h during integration (KDPRHY024 only).

Nominal working temperature range 15÷30 °C.

Water connections 2x1/2"F.

Power 230 V.

KDS

PRODUCT CODE	SIZE		
KDSHY026	Dehumidification	1	-
KDSRHY026	Dehumidification + integration	1	-
KDSRHY350	Dehumidification + integration	1	-

WITH ECO-FRIENDLY GAS AND MORE EFFICIENT



Humidity control monoblock unit for suspended ceiling installation and use with cooling radiant systems.

Optional sensible power integration.

Equipped with removable synthetic filtering section class G3 (EN779: 2002), centrifugal fan with 3-speed direct-coupling motor, cooling circuit with R290 cooling gas, hydraulic circuit, treatment coils with copper pipe and aluminum fins. Power 230 V.

① INFO

KDSHY026

Dehumidification duct-type monoblock 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.

Also available: KDS-ACC delivery plenum with multiple connections for flexible distribution.

KDSRHY026

Dehumidification and sensible power integration duct-type monoblock unit.

Dehumidification capacity 24,7 l/24h.

Dehumidification air flow rate 200 m³/h, integration flow rate 300 m³/h.

Nominal working temperature range 15÷30 °C.

Water connections 2x1/2"F.

Also available: KDS-ACC delivery plenum with multiple connections for flexible distribution.

KDSRHY350

Dehumidification and sensible power integration duct-type monoblock unit.

Dehumidification capacity 38,3 l/24h.

Air flow rate 350 m³/h.

Nominal working temperature range 12÷22 °C.

Water connections 4x1/2"F.

Also available: KDS-ACC delivery plenum with multiple connections for flexible distribution.

DIMENSIONI, PESO E ATTACCHI	KDPHY024	KDPRHY024		KDSHY026	KDSRHY026		KDSRHY350	KDSRY500
		Deumidificazione	Integrazione		Deumidificazione	Integrazione		
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 l x p x h [mm]	722x573x202	722x573x202		645x550x247	654x584x247		700x593x262	767x645x287
Weight [kg]	31	34		29	32		85	85

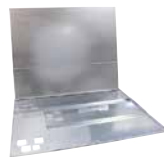
Greater energy efficiency and environment protection: the innovation by Giacomini has no boundaries.

The new air treatment units by Giacomini combine top-notch technical performance to an eco-friendly core: the cooling fluid used in the cooling circuit is propane R290, a natural alternative to traditional GWP cooling gases, featuring an outstanding thermodynamic performance. The Global Warming Potential parameter identifies the greenhouse-effect global warming potential caused by a specific gas in the atmosphere. Taking as reference value carbon dioxide CO₂, equal to 1, the choice of gas R290 was determined by its GWP=3, a value extremely lower than GWP=1300 of gas R134a used so far. The technical development based on the load of refrigerant R290 has enhanced "key" components, such as the compressor, enabling to increase efficiency by 30% compared to the previous model.



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 grid (790x630x18 mm):
made with white lacquered mdf wood to conceal the dehumidifier with an appealing finish.

Supplied with counter-case fitting rails to adapt it to the surface finish and magnets for simplified fitting without screw anchors.

KDS-ACC

PRODUCT CODE	SIZE		
KDSPLY026	Delivery plenum for KDS...26	1	-
KDSPLY350	Delivery plenum for KDSRHY350	1	-



4-WAY DELIVERY PLENUM



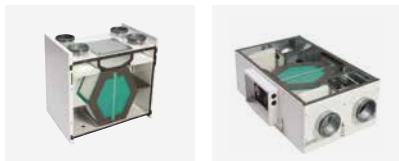
6-WAY DELIVERY PLENUM

Completion accessories for KDS suspended ceiling dehumidifiers.

Delivery plenum. Made with galvanized steel sheet, insulated, it features pre-cut holes to fit the special supports included. The plenum must be connected to the unit, but it can be anchored to the ceiling autonomously to bear the duct weight during maintenance of the dehumidifier.

➤ Heat recuperators

1 - Ventilation units



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2 - Manifolds



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3 - Grids and external terminals



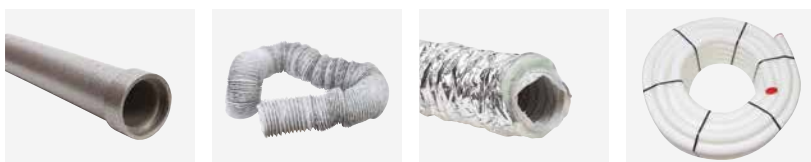
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4 - Plenums for room openings and grids

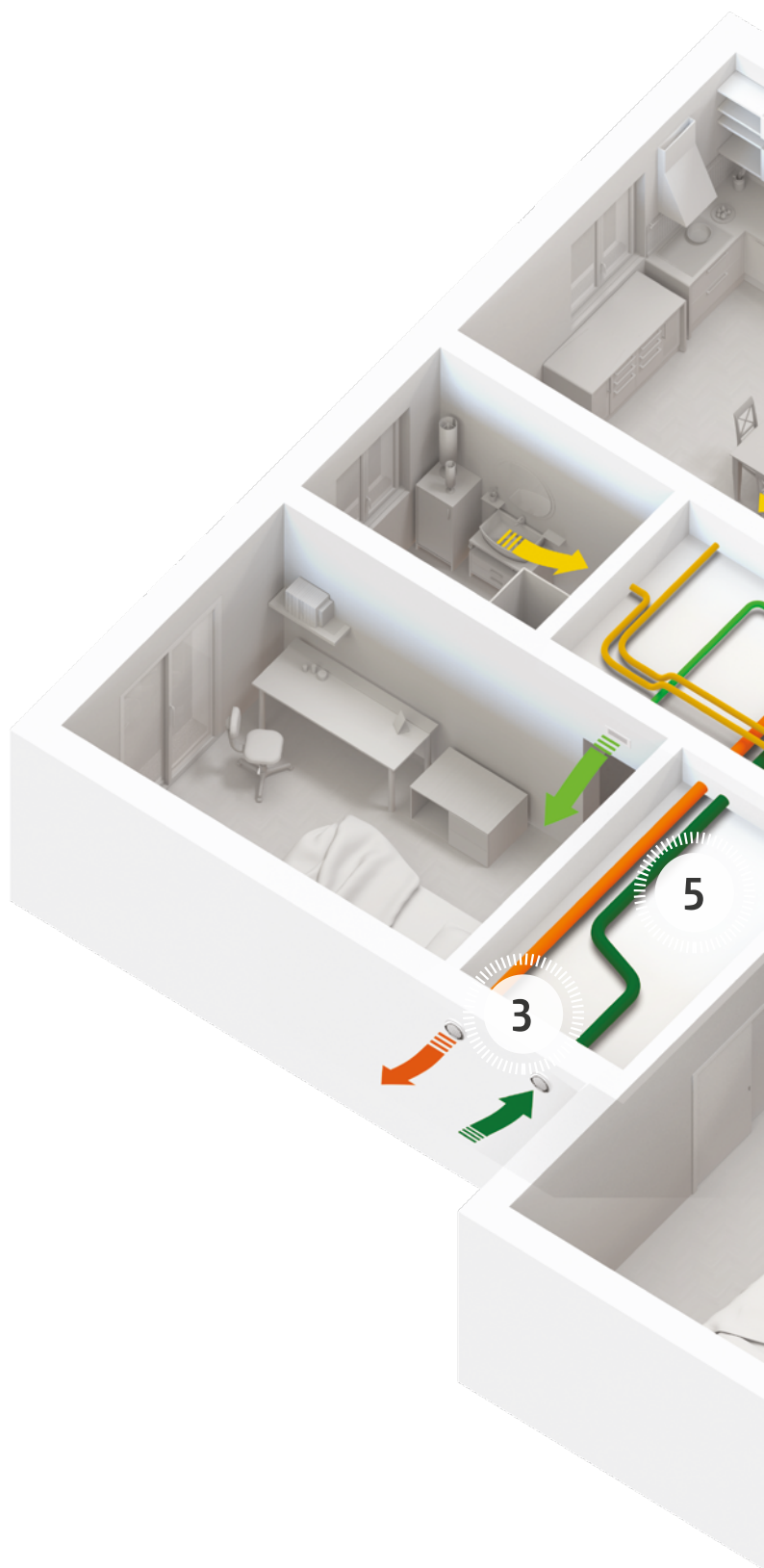


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5 - Ducts, fittings, accessories



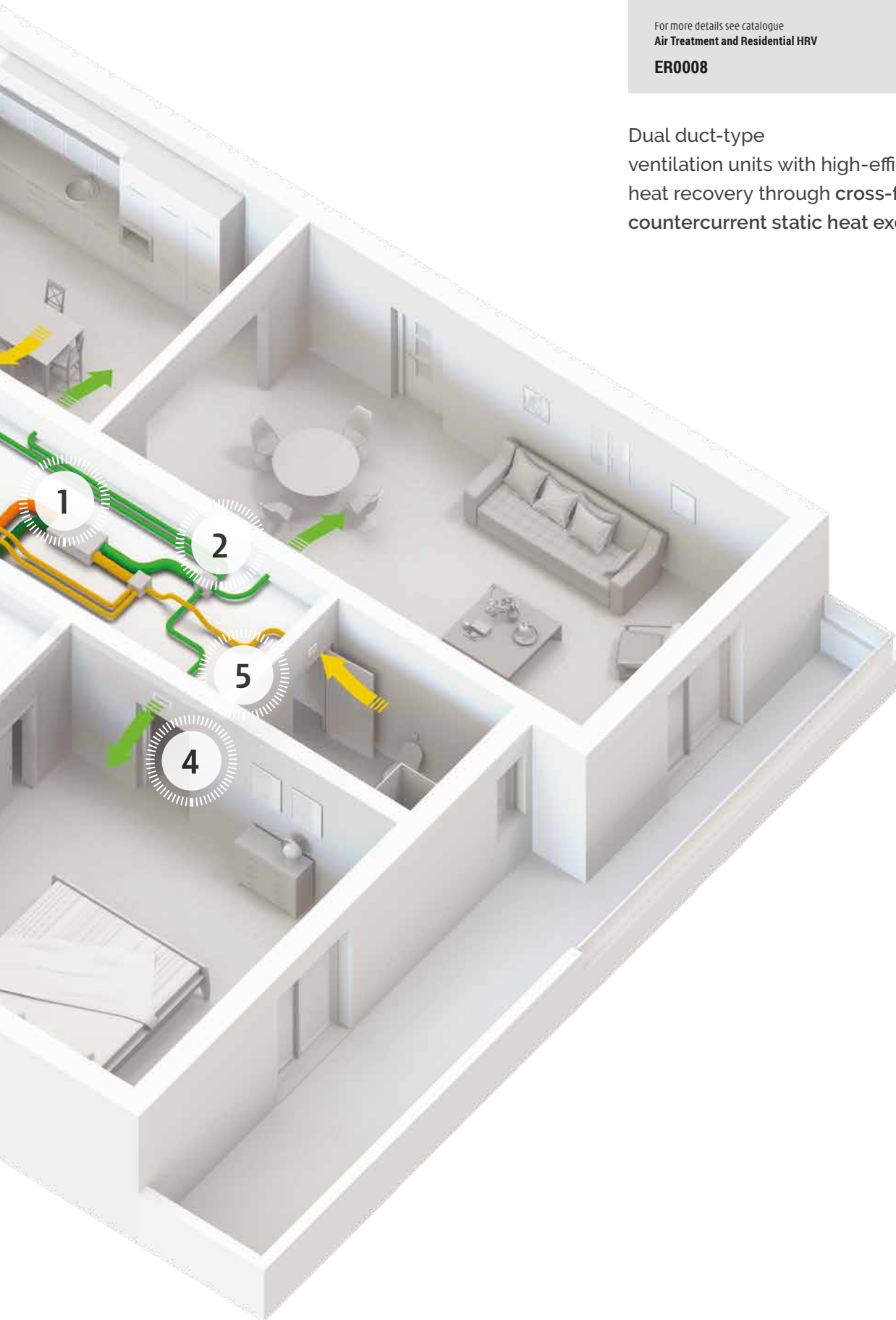
p. **233**



For more details see catalogue
Air Treatment and Residential HRV
ER0008



Dual duct-type
ventilation units with high-efficiency
heat recovery through cross-flow
countercurrent static heat exchanger.



KHR-V

WITH 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	-

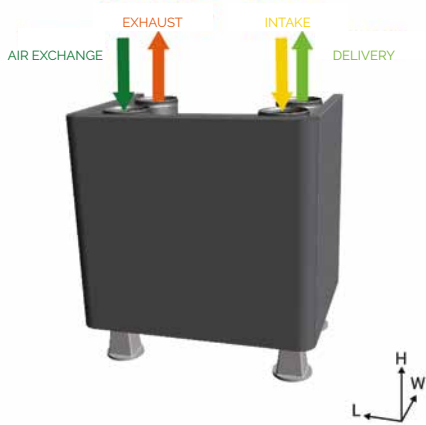


KHRCY101
Wi-Fi



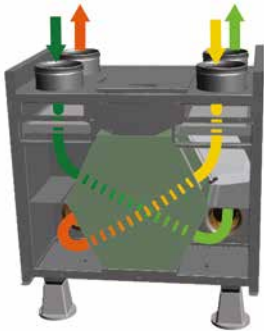
Dual-flow duct-type ventilation unit with high-efficiency heat recovery, for wall or floor-mount vertical installation.
Compact design for convenient installation in technical compartments or attics.
Two versions available: with standard or enthalpy static heat exchanger.
Control panel with capacitive touch-screen for wall surface mounting sold separately.

	KHRVY200	KHRVY300	KHRVY400	KHRVY500
Length / Width "L" - mm	625	785	785	785
Depth "W" - mm	430	575	735	735
Height "H" - mm	510	590	590	590
Weight - kg	36	54	65	65
Air connections - DN, mm				
- Fresh air delivery	DN125	DN160	DN160	DN160
- Foul air extraction	DN125	DN160	DN160	DN160
- External air intake	DN125	DN160	DN160	DN160
- Foul air exhaust	DN125	DN160	DN160	DN160
Condensation drain - mm	Ø16	Ø16	Ø16	Ø16



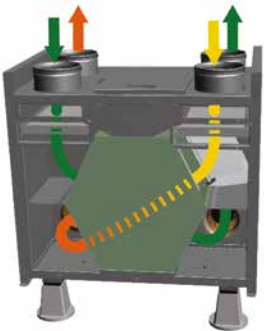
WINTER/SUMMER OPERATIONAL DIAGRAM.

External air is filtered and pushed into the exchanger where it recovers/releases heat from the ejected counter-flow before being channeled into the noble ambients.
Simultaneously, foul air from service rooms is pushed to the opposite side of the exchanger where it releases/gains heat from the counter-flow before being ejected outside.
There is no contact or mixing between the air counter-flows inside the exchanger.



SUMMER OPERATIONAL DIAGRAM WITH ACTIVE BY-PASS (FREE COOLING).

External air is filtered and pushed into a dedicated duct parallel to the exchanger before being channeled into the noble ambients.
Simultaneously, foul air from service rooms is pushed to the opposite side of the exchanger where it is then ejected outside. Only one of the two air flows crosses the exchanger with no heat transfer.



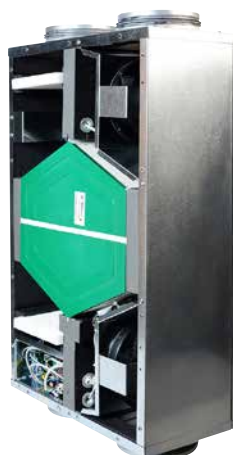
KHR-VE

WITH STANDARD EXCHANGER

PRODUCT CODE	SIZE		
KHRVY220	220 m³/h - Bare	1	-



KHRVY220
Wi-Fi



Dual flow duct-type ventilation unit with high-efficiency heat recovery for wall-mount vertical installation, specific for external installation in residential buildings.

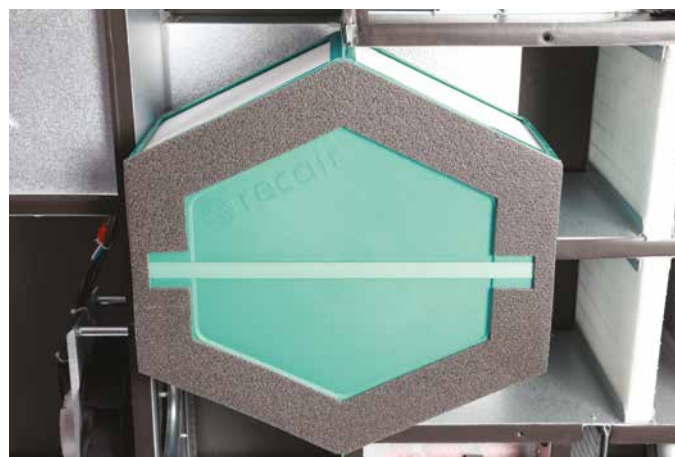
Available in two different versions: with insulated metal cover for an appealing surface mounting in niches; for flush mounting in special insulated compartment on external walls.

Available in two versions: with standard or enthalpy static heat exchanger.

Control panel with capacitive touch-screen for wall surface mounting sold separately.

	KHRVY220
Length / Width "L" - mm	600
Depth "W" - mm	305
Height "H" - mm	1700
Weight - kg	54
Air connections - DN, mm	4x160
Condensation drain - mm	16

CROSS-FLOW COUNTERCURRENT STATIC HEAT EXCHANGER FOR SENSIBLE HEAT RECOVERY.



CROSS-FLOW COUNTERCURRENT ENTHALPY STATIC HEAT EXCHANGER.



EXAMPLE OF ENERGY CLASS LABEL.

CLASSE SEC	SEC IN kWh/(m² a)
A+	EFFICIENZA MASSIMA SEC < - 42
A	- 42 ≤ SEC < - 34
B	- 34 ≤ SEC < - 26
C	- 26 ≤ SEC < - 23
D	- 23 ≤ SEC < - 20
E	- 20 ≤ SEC < - 10
F	- 10 ≤ SEC < 0
G	EFFICIENZA MINIMA SEC ≥ 0

Specific energy consumption class (SEC) of residential ventilation units based on average climatic conditions [in force as of 1 January 2016; soon SEC should be equal to or lower than -20 kWh/(m² a)].

KHR-Z2

PRODUCT CODE	SIZE		
KHRZ2Y140	140 m3/h	1	-
KHRZ2Y200	200 m3/h	1	-



KHRZY101
Wi-Fi



Dual flow duct-type ventilation unit with high efficiency heat recovery for vertical or horizontal installation.
 Compact and lightweight design extremely versatile. Horizontal surface mounting on boiler room ceiling or inside suspended ceilings.
 Vertical surface mounting (optional cover panel with anchoring brackets on unit) or flush mounting in special compartment (optional kit with grids for external air).
 Available in two versions: with standard or enthalpy static heat exchanger.
 Control panel with capacitive touch-screen for wall surface mounting sold separately.

	KHRZ2Y140	KHRZ2Y200
Length / Width "L" - mm	580	580
Depth "W" - mm	580	580
Height "H" - mm	255	255
Weight - kg	19	21
Air connections - DN, mm		
- Fresh air delivery	75	75
- Foul air extraction	75	75
- External air intake	160	160
- Foul air exhaust	160	160
Condensation drain - mm	16	16



metallic wall mounted cabinet



metallic cabinet cover

KHR-AQ

PRODUCT CODE	SIZE		
KAQY001	230 V - 0,50 VA	1	-



Indoor air quality sensor for KHR ventilation units KHR. For control of mixed gases (VOC, odorous substances and gases such as tobacco smoke, body odors, kitchen vapors, ethanol, acetone, methanol etc.) in indoor air.
 The concentrations read by the sensor are compared to the internal set-point (factory setting) to activate or deactivate the HRV control.
 The behavior of the regulator outlet on/off insertion (control contacts for 230 V devices) features three different options that can be selected with a plug: good air quality/optimized energy consumption, excellent air quality/higher energy consumption, acceptable air quality/low energy consumption.
 Wall surface mounting.
 Protection class IP30.

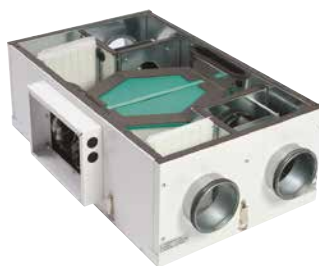
KHR-H

WITH STANDARD EXCHANGER

PRODUCT CODE	SIZE		
KRRHY200	200 m³/h	1	-
KRRHY300	300 m³/h	1	-
KRRHY400	400 m³/h	1	-
KRRHY500	500 m³/h	1	-

WITH ENTHALPY EXCHANGER

PRODUCT CODE	SIZE		
KRRHX200	200 m³/h	1	-



Dual-flow duct-type ventilation unit with high-efficiency heat recovery for suspended ceiling horizontal installation.

Compact design for simplified installation in lowered suspended ceilings.

Available in two versions: with standard or enthalpy static heat exchanger.

Control panel with capacitive touch-screen for wall surface mounting sold separately.



KHRCY101
Wi-Fi



	KRRHY200	KRRHY300	KRRHY400	KRRHY500	KRRHX200
Length / Width "L" - mm	800	940	1350	1350	800
Depth "W" - mm	480	620	650	650	480
Height "H" - mm	270	380	280	280	270
Weight - kg	33	50	56	56	33
Air connections - DN, mm	DN125	DN160	DN160	DN160	DN125
- Fresh air delivery	DN125	DN160	DN160	DN160	DN125
- Foul air extraction	DN125	DN160	DN160	DN160	DN125
- External air intake	DN125	DN160	DN160	DN160	DN125
- Foul air exhaust	DN125	DN160	DN160	DN160	DN125
Condensation drain - mm	Ø16	Ø16	Ø16	Ø16	Ø16

KHR-C

PRODUCT CODE	SIZE		
KHRCY101	WiFi black - for KHR, KHRW, KMSW	1	-



Ventilation unit control panels.

① INFO

KHRCY101, KHRCY102, KHRCY111, KHRCY112: digital remote control for KHR, KHRW and KMSW recuperators.
KHRCY502: digital remote control for KHRD and KMSD recuperators.

KHRCY001, KHRCY002, KHRCY011, KHRCY012: digital remote control for CLEAN AIR recuperators.

➤ Heat recuperators with dehumidification/thermodynamic integration

1 - Ventilation units



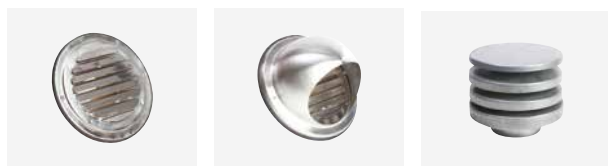
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2 - Plenums for machines and manifolds



p. **230**

3 - Grids and external terminals



p. **235**

4 - Plenums for room openings and grids



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5 - Ducts, fittings, accessories



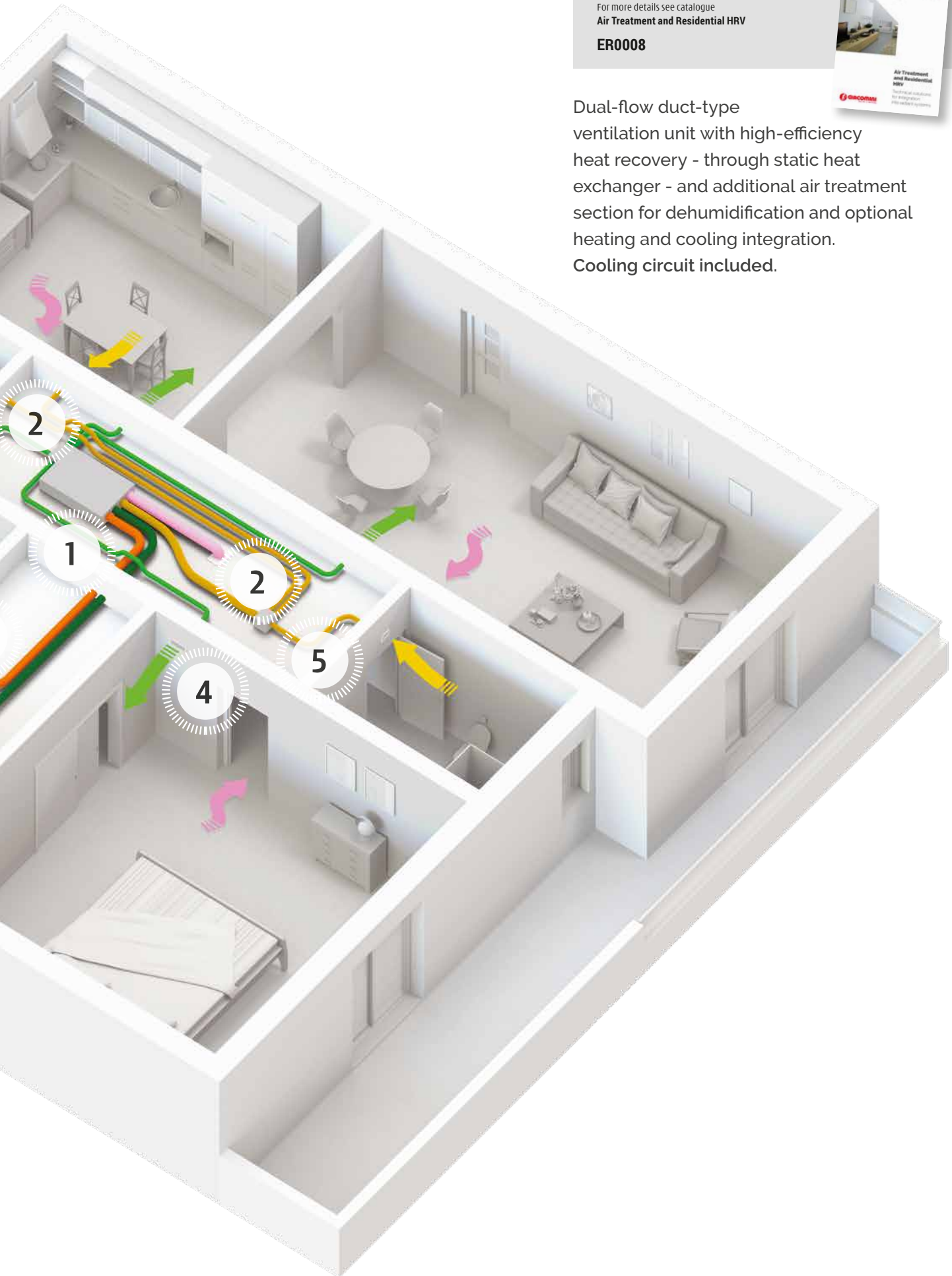
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For more details see catalogue
Air Treatment and Residential HRV
ER0008



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 AND INTEGRATION

PRODUCT CODE	SIZE		
KHRDVRX300	Total 300 / Ext 150 m³/h	1	-
KHRDVRX500	Total 500 / Ext 250 m³/h	1	-

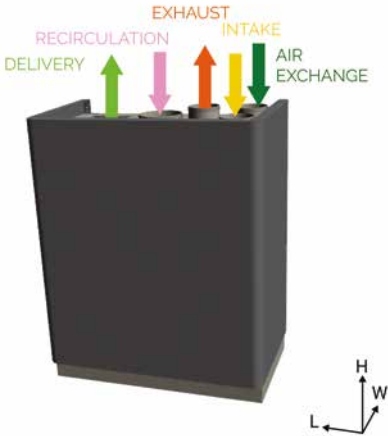


KHRCY502



Dual-flow duct-type ventilation unit with high-efficiency heat recovery and additional primary air treatment section for dehumidification and optional heating and cooling integration (based on version).
 Dehumidification and summer cooling through partial recirculation of room 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 for wall surface mounting sold separately.

	KHRDVX300	KHRDVX500
Length / Width "L" - mm	870	970
Depth "W" - mm	470	700
Height "H" - mm	880 (+145 for base)	980 (+145 for base)
Weight - kg	85 (+1 for base)	100 (+1 for base)
Air connections - DN, mm		
- Room air delivery	340x170	510x245
- Foul air recovery	DN125	DN160
- Room air recirculation	DN160	DN200
- External air intake	DN125	DN160
- Foul air exhaust	DN125	DN160
Delivery-return water connections - inch.	1/2" - 1/2"	1/2" - 1/2"
Condensation drain - mm	Ø20	Ø20



FANS USED IN HEAT RECOVERY VENTILATION UNITS.



KHRD-H

DEHUMIDIFICATION ONLY

PRODUCT CODE	SIZE		
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	-



Dual-flow duct-type ventilation unit with high-efficiency heat recovery and additional primary air treatment section for dehumidification and optional heating and cooling integration (based on version). Dehumidification and summer cooling through partial recirculation of room air and activation of the cooling unit. Suspended ceiling horizontal installation. Reduced thickness 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 for wall surface mounting sold separately.

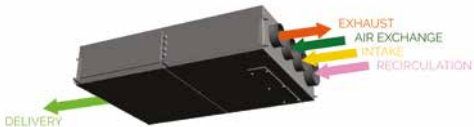
WINTER OPERATIONAL DIAGRAM.

Winter heating can be integrated by supplying the post-treatment hydronic coil with the radiant system hot water. The cooling circuit compressor is OFF and the unit works as a thermo-ventilating device. The delivery air flow rate is the sum of the flow rate from the outside which passes through the exchanger and the one partially recirculated from the ambient obtained by opening the special automatic damper.



SUMMER OPERATIONAL DIAGRAM.

The cooling circuit - which includes a compressor, an air evaporation coil, an "air" condenser (version with dehumidification only) or a "radiant system air-water" (version with integration) - activates through humidity and temperature probes. The delivery air flow rate is the sum of the flow rate from the outside which passes through the exchanger and the one partially recirculated from the ambient obtained by opening the special automatic damper.



	KHRDHX500	KHRDHRX300	KHRDHRX500
Length / Width "L" - mm	1220	1220	1220
Depth "W" - mm	960	820	960
Height "H" - mm	330	255	330
Weight - kg	91	75	95
Air connections - DN, mm			
- Room air delivery	490x255	350x180	490x255
- Foul air recovery	DN160	DN125	DN160
- Room air recirculation	DN200	DN160	DN200
- External air intake	DN160	DN125	DN160
- Foul air exhaust	DN160	DN125	DN160
Delivery-return water connections - inch.	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"
Condensation drain - mm	Ø20	Ø20	Ø20



HIGH-EFFICIENCY FILTERS TO GUARANTEE INDOOR AIR QUALITY AND PROTECT THE VENTILATION UNIT.



FILTERS EASY TO REMOVE FOR MAINTENANCE INCLUDED WITH ALL GIACOMINI VENTILATION UNITS.



KDV

PRODUCT CODE	SIZE		
KDVRWY300	Water condensation	1	-
KDVRAY360	Air condensation	1	-
KDVRAY500	Air condensation	1	-



Duct-type monoblock air treatment unit for ventilation, dehumidification and sensible power integration, suspended ceiling installation, for use with cooling radiant systems, equipped with high-efficiency air counter-current heat recuperator (efficiency > 86%).

Equipped with removable filtering section class G3 (EN779:2002), 2 "brushless" centrifugal fans with 3-speed direct-coupling motor, 5 motorized dampers, cooling circuit with R134A cooling gas, hydraulic circuit, treatment coils with copper pipe, aluminum fins and 5 outlets for delivery, recirculation, extraction, external intake, exhaust. Water or air condensation.

Nominal working temperature range 15÷30 °C. Power 230 V.

	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 hydraulic 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

① INFO

KDVRWY300

Duct-type monoblock air treatment unit for ventilation, dehumidification and sensible power integration. Water condensation.

Total flow rate 260÷300 m³/h.

External air flow rate 80÷160 m³/h.

Dehumidification capacity 25,9 l/24h (indoor).

Water connections 4x1/2" F.

KDVRAY360

Duct-type monoblock air treatment unit for ventilation, dehumidification and sensible power integration. Air condensation.

Total flow rate 220÷360 m³/h.

External air flow rate 90÷220 m³/h.

Dehumidification capacity 25 l/24h (indoor).

Water connections 2x1/2" F.

KDVRAY500

Duct-type monoblock air treatment unit for ventilation, dehumidification and sensible power integration. Air condensation.

Total flow rate 160÷500 m³/h.

External air flow rate 160÷300 m³/h.

Dehumidification capacity 31,2 l/24h (indoor).

Water connections 2x1/2" F.

KHR-C

DIGITAL REMOTE CONTROL FOR KHRD AND KMSD RECUPERATORS

PRODUCT CODE	SIZE		
KHRCY502	T/H Bianco	1	-



Control panel for ventilation unit.

KMSD

DEHUMIDIFICATION ONLY

PRODUCT CODE	SIZE		
KMSDY300	Total 300 / Ext 150 m3/h	1	-

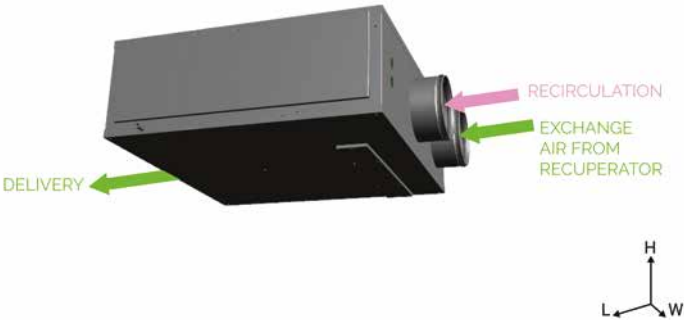


KHRCY502

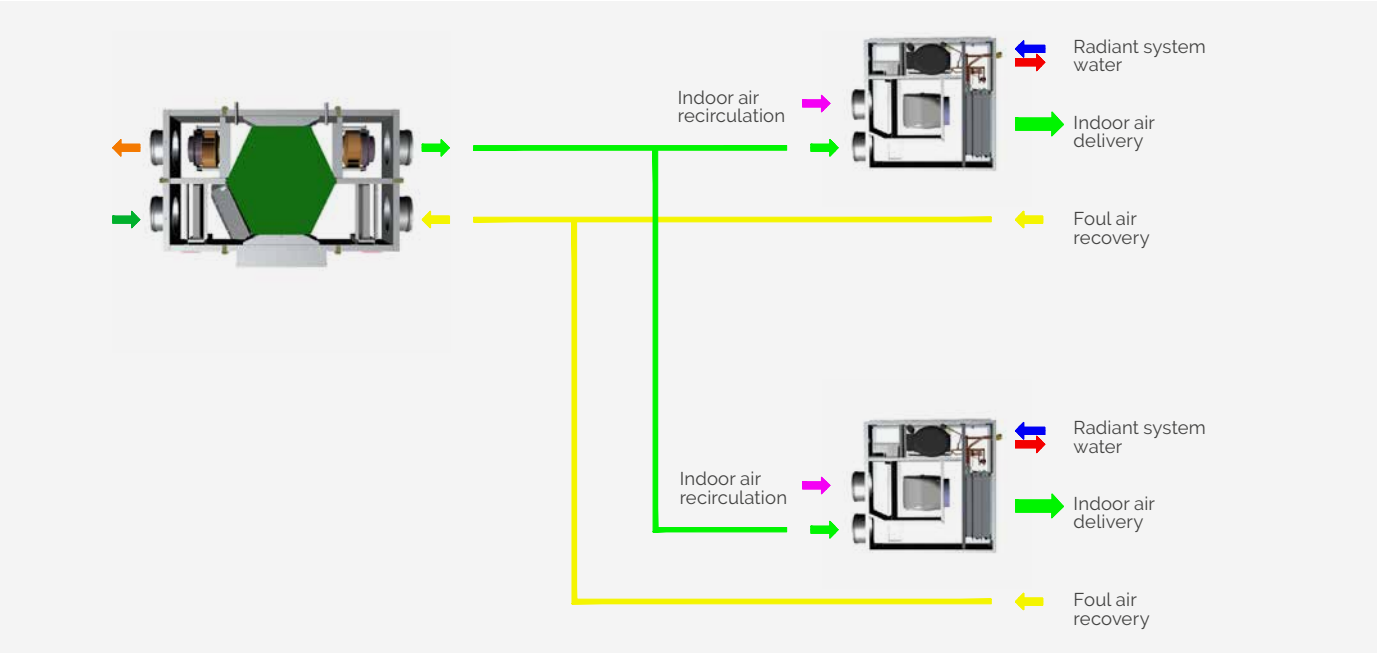


Duct-type thermodynamic module for primary air treatment and use with KHR heat recuperators (split installation).
 Equipped with room air recirculation section for dehumidification and optional heating or cooling integration (based on version).
 Dehumidification and summer cooling through partial recirculation of room air and activation of the module cooling circuit.
 Ceiling horizontal installation.
 Reduced thickness for convenient installation in lowered suspended ceilings.
 Control through chronothermohumidistat or domotic systems.

	KMSDY300
Length / Width "L" - mm	680
Depth "W" - mm	680
Height "H" - mm	255
Weight - kg	41
Air connections - DN, mm	
- Indoor air delivery	310x178
- Indoor air recirculation	DN160
- External air intake	DN160
Delivery-return water connections - inch.	1/2" - 1/2"
Condensation drain - mm	Ø16



SPLIT MODULE (COMBINED TO KHR RECUPERATORS)
 "split systems" functional diagram with khr central recuperator and thermodynamic modules kmsd for air conditioning of single zones (single-zone or multi-zone application).



➤ Heat recuperators with dehumidification/hydronic integration

1 - Ventilation units



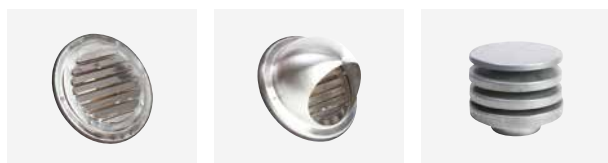
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2 - Plenums for machines and manifolds



p. **230**

3 - Grids and external terminals



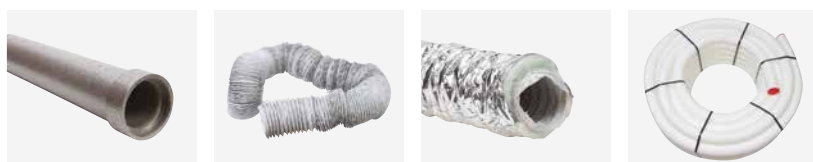
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4 - Plenums for room openings and grids

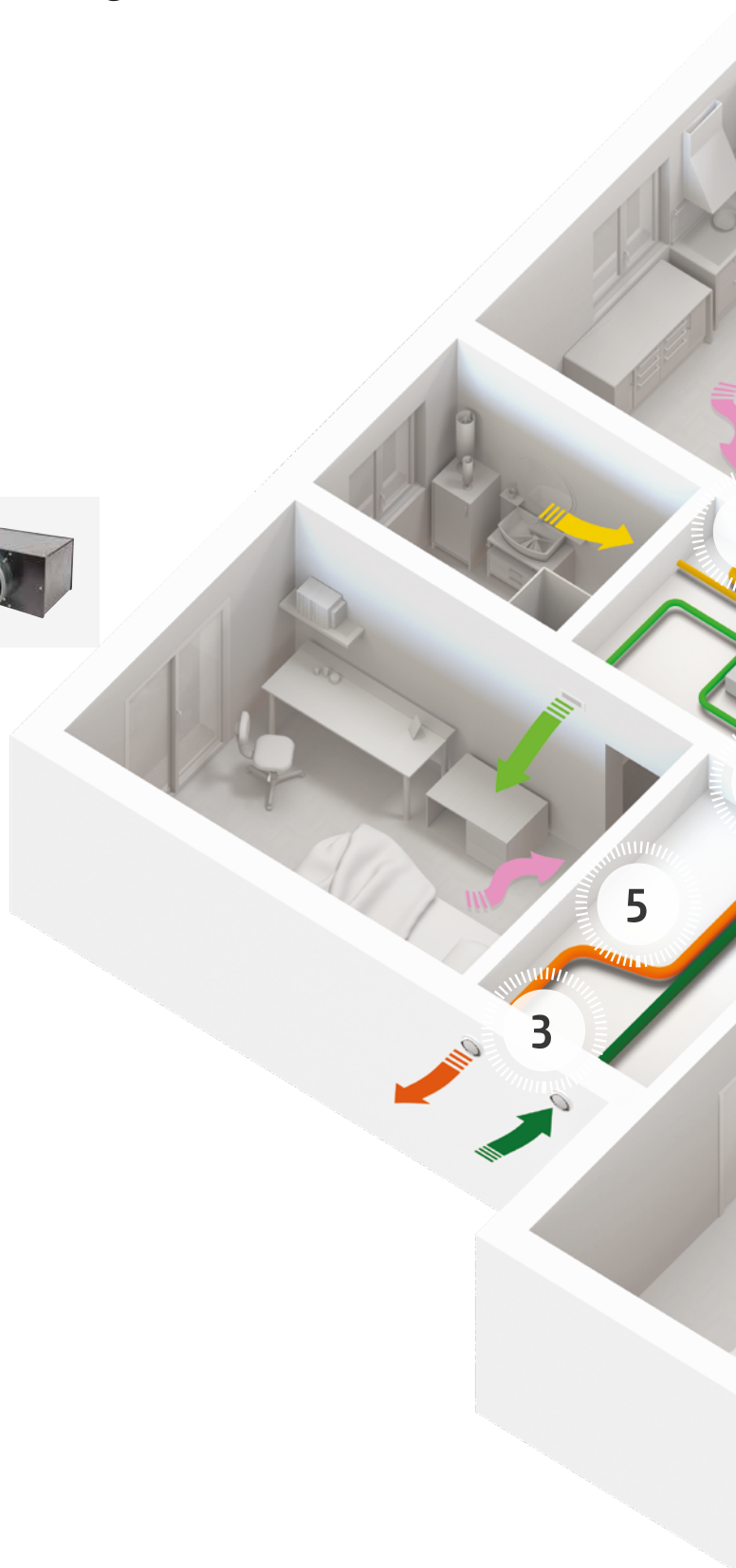


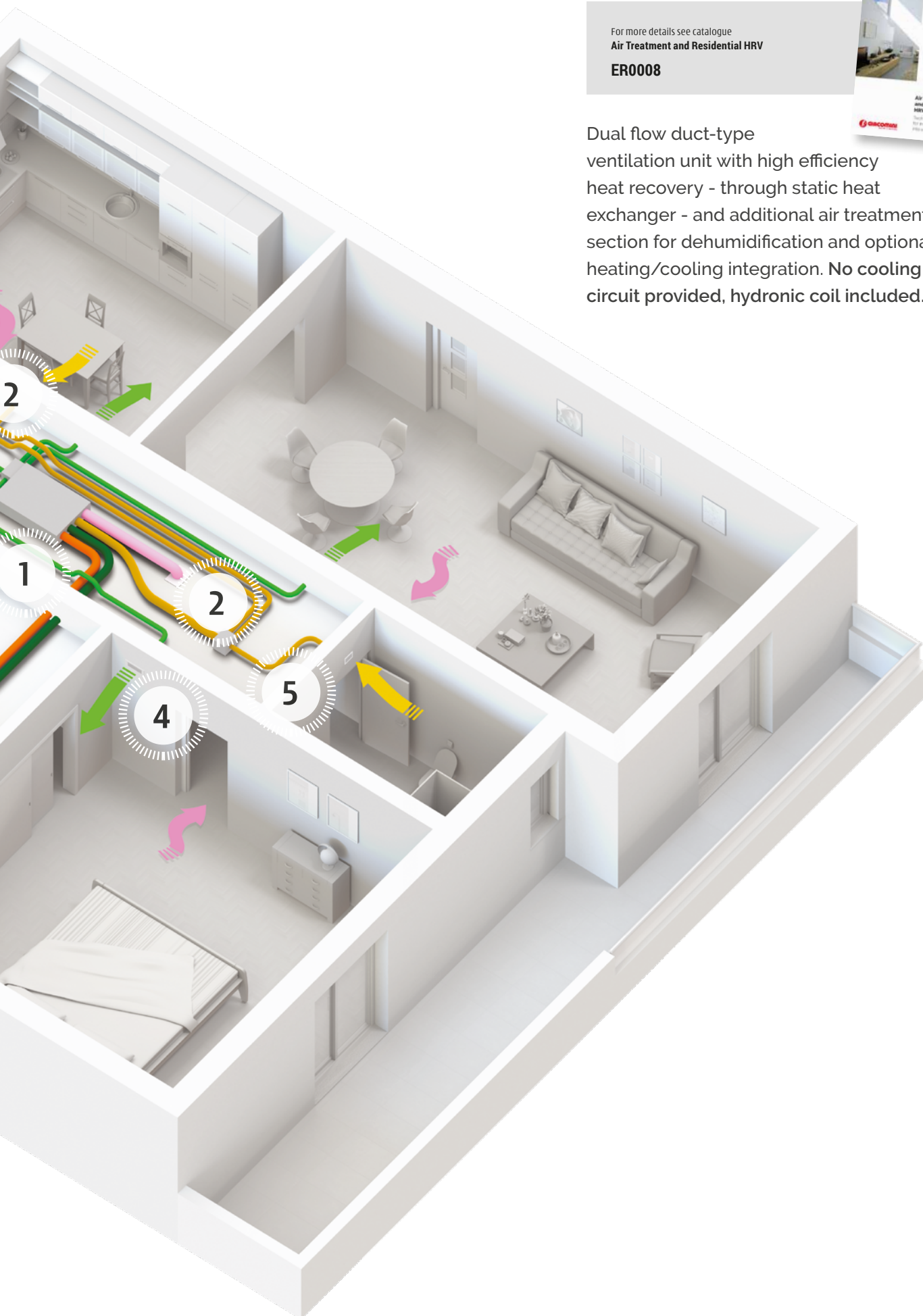
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5 - Ducts, fittings, accessories



p. **233**





For more details see catalogue
Air Treatment and Residential HRV
ER0008



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.

KHRW-V

PRODUCT CODE	SIZE		
KHRWVRX500	Total 500 / Ext 250 m3/h	1	-



KHRCY101
Wi-Fi

KHRWVRX500	
Length / Width "L" - mm	970
Depth "W" - mm	700
Height "H" - mm	980 (+145 for base)
Weight - kg	100 (+1 for base)
Air connections - DN. mm	510x245
- Indoor air delivery	DN160
- Foul air recovery	DN200
- Indoor air recirculation	DN160
- External air intake	DN160
- Foul air exhaust	DN160
Delivery-return water connections - inch.	3/4" - 3/4"
Condensation drain - mm	Ø20



Dual flow duct-type ventilation unit with high efficiency heat recovery and additional primary-air treatment section for dehumidification and optional heating/cooling integration. The unit has no cooling circuit, but it is equipped with a hydronic coil connected to the heating/cooling system. Wall or floor vertical installation. Compact design for convenient installation in technical compartments and attics. With enthalpy static heat exchanger for efficient recovery of sensible and latent energy. Control panel with capacitive touch-screen for wall surface mounting sold separately.



KHRW-H

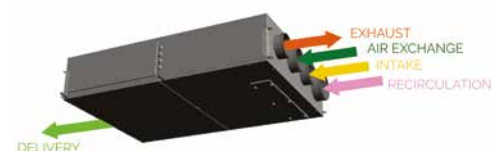
PRODUCT CODE	SIZE		
KHRWHRX300	Total 300 / Ext 150 m3/h	1	-
KHRWHRX500	Total 500 / Ext 250 m3/h	1	-
KHRWHRX600	Total 600 / Ext 150 m3/h	1	-



KHRCY101
Wi-Fi



Dual flow duct-type ventilation unit with high efficiency heat recovery and additional primary-air treatment section for dehumidification and optional heating/cooling integration. The unit has no cooling circuit, but it is equipped with a hydronic coil connected to the heating/cooling system. Ceiling horizontal installation. For convenient installation in lowered suspended ceilings. With enthalpy static heat exchanger for efficient recovery of sensible and latent energy. Control panel with capacitive touch-screen for wall surface mounting sold separately.



DIMENSIONI, PESO E ATTACCHI	KHRWHRX300	KHRWHRX500	KHRWHRX600
Length / Width "L" - mm	1220	1220	1220
Depth "W" - mm	820	960	820
Height "H" - mm	255	330	255
Weight - kg	68	83	74
Air connections - DN. mm	350x180	490x255	550x180
- Indoor air delivery	DN125	DN160	DN125
- Foul air recovery	DN160	DN200	DN200
- Indoor air recirculation	DN125	DN160	DN125
- External air intake	DN125	DN160	DN125
- Foul air exhaust	DN125	DN160	DN125
Delivery-return water connections - inch.	1/2" - 1/2"	3/4" - 3/4"	3/4" - 3/4"
Condensation drain - mm	Ø20	Ø20	Ø20

KMSW

PRODUCT CODE	SIZE		
KMSWRY300	Total 300 / Ext 150 m3/h	1	-



KHRCY101
Wi-Fi

DIMENSIONI, PESO E ATTACCHI	KMSWRY300
Length / Width "L" - mm	675
Depth "W" - mm	730
Height "H" - mm	250
Weight - kg	38
Air connections - DN. mm	
- Indoor air delivery	500x200
- Indoor air recirculation	DN160
- External air intake	DN160
Delivery-return water connections - inch.	3/4" - 3/4"
Condensation drain - mm	Ø12



Duct-type hydronic module for primary air treatment and use with KHR heat recuperators (split installation). Equipped with air room recirculation section, it provides dehumidification and heating/cooling integration.

The unit has no cooling circuit, but it is equipped with a hydronic coil connected to the heating/cooling system. Ceiling horizontal installation. Reduced thickness for convenient installation in lowered suspended ceilings. Control panel with capacitive touch-screen for wall surface mounting sold separately.



KHR-C

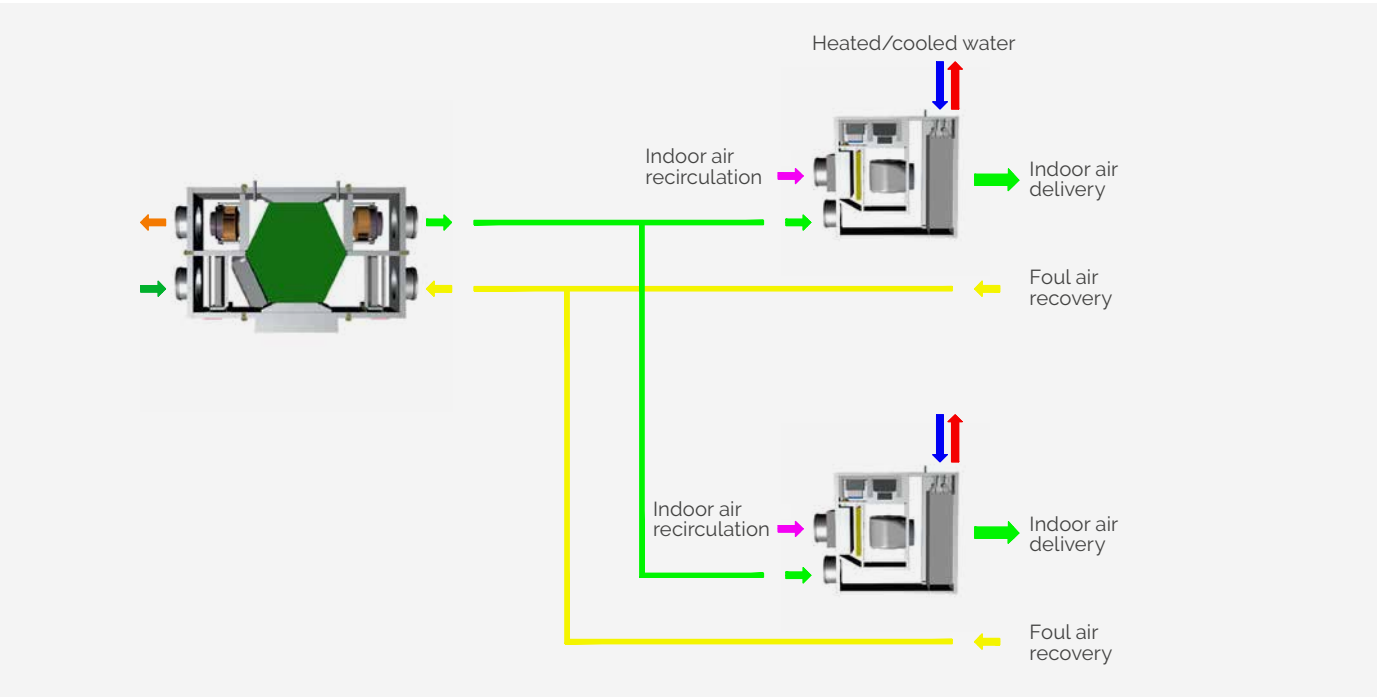
PRODUCT CODE	SIZE		
KHRCY101	WiFi black - for KHR, KHRW, KMSW	1	-



Ventilation unit control panels.

① INFO
KHRCY101, KHRCY102, KHRCY111, KHRCY112: digital remote control for KHR, KHRW and KMSW recuperators. KHRCY502: digital remote control for KHRD and KMSD recuperators. KHRCY001, KHRCY002, KHRCY011, KHRCY012: digital remote control for CLEAN AIR recuperators.

SPLIT MODULE (COMBINED TO KHR RECUPERATORS)
"Split systems" functional diagram with central recuperator KHR and hydronic modules KMSW for air conditioning of single zones (single-zone or multi-zone application).



➤ Heat pump active recuperators (Clean-Air)

1 - Ventilation units



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2 - Plenums for room openings and grids

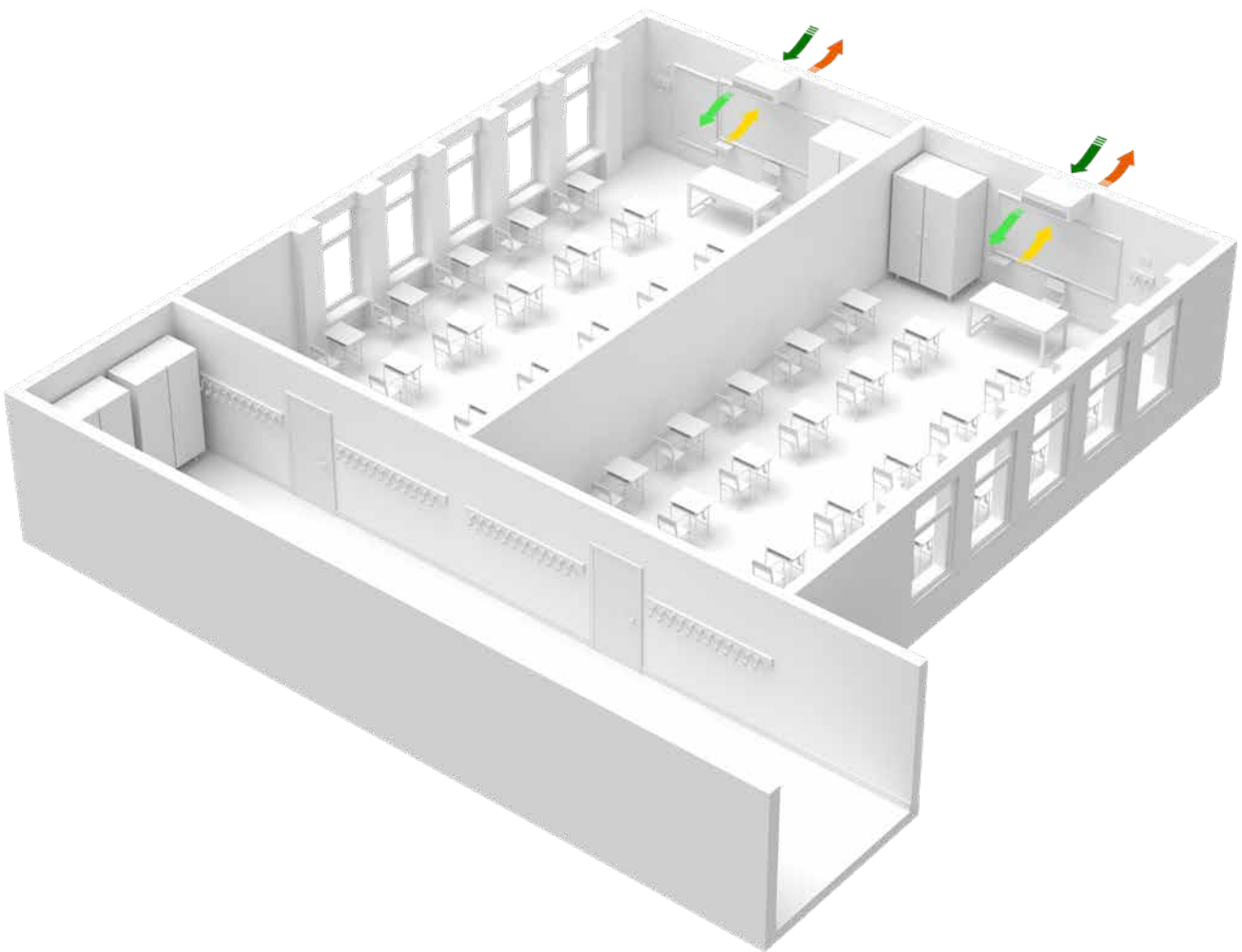


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For more details see catalogue
KHRA2 "Clean-Air" heat pump recuperators
ER0009



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.



3 - Ducts, fittings, accessories



p. **233**

KHRA2-V

SURFACE MOUNT

PRODUCT CODE	SIZE		
KHRA2VV380	380 m³/h	1	-
KHRA2VV380U	380 m³/h - UV lamp	1	-

FLUSH MOUNT

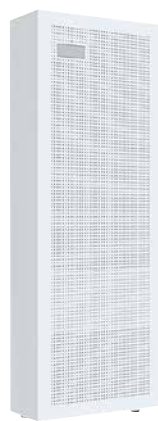
PRODUCT CODE	SIZE		
KHRA2VS380	380 m³/h	1	-
KHRA2VS380U	380 m³/h - UV lamp	1	-



KHRCY001 - KHRCY011
Wi-Fi Modbus



KHRCY002 - KHRCY012
Wi-Fi Modbus



vertical surface mounting



vertical flush mounting

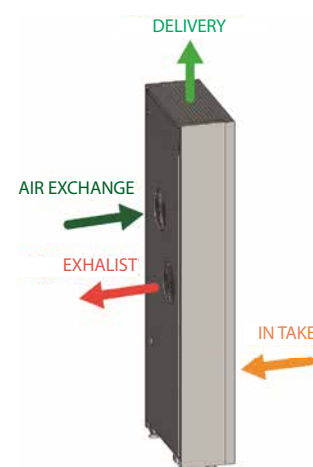
CLEAN-AIR ventilation unit with thermodynamic heat recovery in heat pump, vertical configuration.

Available for surface-mount or flush-mount installation.

Optional built-in germicide UV lamp.

WINTER OPERATIONAL DIAGRAM.

Indoor foul air (grey arrow) releases heat to the heat pump when flowing through the evaporation coil and is ejected only at a later time. After taking energy from the ejected air, the cooling fluid inside the heat pump transfers it to the exchange fresh air through the condensation coil (blue arrow) before channeling it into the room.



	VV	VS
Length / Width "L" - mm	500	490
Depth "W" - mm	185	175
Height "H" - mm	1398	1430
Weight - kg	53	51
Air connections - DN. mm		
- Indoor air delivery	-	160
- Foul air recovery	-	160
- External air intake	162	162
- Foul air exhaust	162	162
Condensation drain - mm	20	20

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.

① INFO

KHRCY101, KHRCY102, KHRCY111, KHRCY112: digital remote control for KHR, KHRW and KMSW recuperators. KHRCY502: digital remote control for KHRD and KMSD recuperators.

KHRCY001, KHRCY002, KHRCY011, KHRCY012: digital remote control for CLEAN AIR recuperators.

KHRA2-H

SURFACE MOUNT

PRODUCT CODE	SIZE		
KHRA2HV460	460 m³/h	1	-
KHRA2HV460U	460 m³/h - UV lamp	1	-

FLUSH MOUNT

PRODUCT CODE	SIZE		
KHRA2HS460	460 m³/h	1	-
KHRA2HS460U	460 m³/h - UV lamp	1	-



KHRCY001 - KHRCY011
Wi-Fi Modbus



KHRCY002 - KHRCY012
Wi-Fi Modbus

	HV	HS
Length / Width "L" - mm	1010	950
Depth "W" - mm	690	710
Height "H" - mm	255	245
Weight - kg	74	72
Air connections - DN. mm		
- Indoor air delivery	-	160
- Foul air recovery	-	160
- External air intake	162	162
- Foul air exhaust	162	162
Condensation drain - mm	Ø 20	Ø 20



horizontal surface mounting

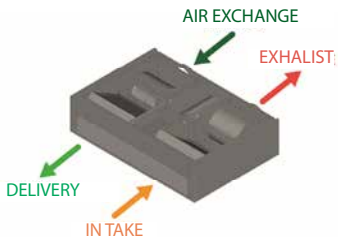


horizontal flush mounting

CLEAN-AIR ventilation unit with thermodynamic heat recovery in heat pump, horizontal configuration.
Available for surface-mount or flush-mount installation.
Optional built-in germicide UV lamp.

SUMMER OPERATIONAL DIAGRAM

A 4-way valve reverses the cooling cycle to recover, through the condensing coil, the "cold" contained in the recovery air (grey arrow) before ejecting it. External air (blue arrow) is filtered, cooled and dehumidified through the evaporator before it is distributed into the room.



VIDEO

Scan the QR-Code with a smartphone or tablet to view the video-tutorial for CLEAN AIR compact ventilation units wit heat recovery



➤ Air distribution components (plenum and manifolds, air diffusers and grids, ducts and fittings..)

KPL-F

PRODUCT CODE	SIZE		
KPLFY001	345 x 175 mm - 1 x DN200	1	-
KPLFY011	500 x 230 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	-



Delivery plenum for connection to air intake opening of monoblock ventilation units for heat recovery/air treatment and split modules. With connections for KFLEX flexible ducts. Made with varnished galvanized metal sheet, inner lining on all sides with insulation material of adequate thickness.

KPL-F2

PRODUCT CODE	SIZE		
KPLFY002	810 x 175 x 175 mm - 2 x DN160	1	-



Plenum for CLEAN-AIR flush-mount duct-type units made with galvanized metal sheet with inner insulation. Two methods of use: as single delivery or recovery diffuser, connecting two pipes to one room unit; as dual diffuser, connecting one pipe only to the distribution units of two separate rooms. 2 DN160mm connections and 1 cap included.

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	-



Delivery plenum for connection to air intake opening of heat recovery/air treatment monoblock ventilation units and split modules. Preset for initial adapter connection of KCORR corrugated ducts. Made with varnished galvanized metal sheet, lined internally on all sides with insulation material of adequate thickness. Closed pre-punched outlets to open on site based on the number of connections needed.

KCI

ROOM DISTRIBUTION WITH FLEXIBLE DUCT

PRODUCT CODE	SIZE		
KCIY203	1 x DN200 - 3 x DN125	1	-
KCIY205	1 x DN200 - 5 x DN125	1	-

ROOM 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	-



Universal manifold made with varnished galvanized metal sheet, lined internally on all sides with insulation material of adequate thickness.

Connection to ventilation units with connections for KFLEX flexible duct or KEPP rigid pipes.

Two manifold versions available based on distribution system: with connections for KFLEX flexible duct or with pre-punched closed outlets for connection to initial adapters of KCORR corrugated ducts.

Available for the version with pre-punched closed connections (to be opened on site based on the number needed): straight or front connections, angle connections (perpendicular to the long-side inlet), right-side connection, left-side connection. Removable inspection cover on remaining free side. Supplied with 4 wall-anchoring brackets sliding on the external rails of the manifold body for installation at proper height.

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.

Black-varnished metal sheet outer case.

Installation between air intake opening and plenum or manifold body for sensible reduction of the dimensions required for a 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 inner separator placed centrally to increase the exchange surface and therefore 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

MANIFOLD	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	-



Galvanized metal sheet plenum for room opening and connection to KFLEX ducts.

Inner insulation made with a 6mm-thick adhesive polyethylene layer.

Fit for a variety of connections to the flexible duct by inserting it into the holes of the round sleeve metal sheet included: right and left side, top, bottom, back.

Optional anchoring on brick walls (on bottom) or plasterboard walls (front) with special fitting eyelets. Clip connections included for coupling with KGR grid pins.

KPB-C

PRODUCT CODE	SIZE		
KPBCY001	101 x 75 mm - DN75/90	1	-



EPP polypropylene modular plenum for room opening and connection to KCORR corrugated ducts. Fit for a variety of connections: side, top/bottom, back. Optional connection to other modules for use with intake/extraction grids of various frontal dimensions.

Exclusive fitting design with impeccable seal. Reduced width for installation on internal walls. It can be anchored to brick walls (on bottom) or plasterboard walls (front) through special metal brackets sliding inside proper housings. Clip connections included for coupling with KGR grids.

Included: adapters 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/(mK).

KGR

ROUND HOLES

PRODUCT CODE	SIZE		
KGRY001	193 x 140 mm - white	1	-
KGRY002	366 x 140 mm - white	1	-
KGRY003	540 x 140 mm - white	1	-
KGRY004	366 x 260 mm - white	1	-
KGRY005	466 x 210 mm - white	1	-
KGRY011	193 x 140 mm - white	1	-
KGRY012	366 x 140 mm - white	1	-
KGRY013	540 x 140 mm - white	1	-
KGRY014	366 x 260 mm - white	1	-
KGRY015	466 x 210 mm - white	1	-



Air intake/extraction rectangular grid with flat front surface.

Two models available: with round or square holes.

Single-body molded steel, RAL9003 white varnish with surface treatment for enhanced resistance to corrosion.

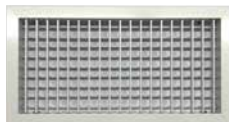
Rapid connection to opening plenum by fitting the rear pins in the matching clip housings.

The steel pins provide for variable extension of the grid (0-30 mm) to correct possible plenum-wall misalignments.

In addition, their special profile prevents accidental uncoupling of housings and clips in case of ceiling mounting.

KGR-A

PRODUCT CODE	SIZE		
KGRAY001	450 x 225 mm - white	1	-



Delivery aluminum grid with two rows of adjustable fins. For KPLF-2. White.

KGR-F

PRODUCT CODE	SIZE		
KGRFY001	450 x 225 mm - white	1	-



Intake grid with fixed-fin filter. For KPLF-2. White.

KEPP

PRODUCT CODE	SIZE		
KEPPY125	DN125 - L. 1 m	1	-
KEPPY160	DN160 - L. 1 m	1	-



Rigid EPP vapor-tight insulation pipe. Fit for installation of HRV systems for external air intake, foul air exhaust, transfer to delivery manifold, return from intake manifold and recommended for surface-mount installations. It cuts down condensation and heat dispersions. Bar pipes including F-F sleeve for quick and easy connection to the other distribution components. Extremely light, push-fitting connection, easy to cut on site. Working temperature: $-25 \div 80^{\circ}\text{C}$. Insulation grade: $0,042 \text{ W/(m K)}$.

KEPP-A

PRODUCT CODE	SIZE		
KEPPAY125	DN125	1	-
KEPPAY160	DN160	1	-



Rigid EPP 90°-curve vapor-tight insulation fitting. Provided with a F-F sleeve for quick and easy connection to the other distribution components. 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: $-25 \div 80^{\circ}\text{C}$. Insulation grade: $0,042 \text{ W/(m K)}$.

KEPP-F

PRODUCT CODE	SIZE		
KEPPFY125	DN125	1	-
KEPPFY160	DN160	1	-



Rigid EPP female-female vapor-tight insulation sleeve. Quick and easy connection to the other distribution components. Extremely light, push-fitting connection. Working temperature: $-25 \div 80^{\circ}\text{C}$. Insulation grade: $0,042 \text{ W/(m K)}$.

KFLEX

PRODUCT CODE	SIZE		
KFLEXY100	DN100	10	-
KFLEXY125	DN125	10	-
KFLEXY160	DN160	10	-
KFLEXY200	DN200	10	-



Flexible non-insulated duct made with polyester textile coated with polyolefin resins mixed with antibacterial and anti-mold agents, harmonic steel-wire coil included. The sturdiness of thermo-bonded polyester fiber prevents microfiber dispersion as air flows through, guaranteeing its duration in time. Suitable for heat recovery ventilation and air conditioning in flush-mount installations. Supplied in spools. Working temperature: $20 \div 90^{\circ}\text{C}$. 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 coated with polyolefin resins mixed with antibacterial and anti-mold agents, including harmonic steel-wire coil. Polyester fiber thermo-insulation (thickness 25 mm, density 16 kg/m^3). Outer protection made with aluminum-metalized film (flame retardant). It cuts down condensation and heat dispersions. The sturdiness of thermo-bonded polyester fiber prevents microfiber dispersion as air flows through, guaranteeing its duration in time. Suitable for heat recovery ventilation and air conditioning in flush-mount installations. Supplied in spools. Working temperature: $-20 \div 110^{\circ}\text{C}$. 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 start up, 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.

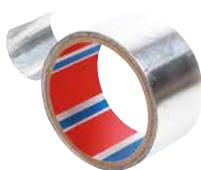


Black anti-condensation adhesive tape for aeraulic sealing of pipe joints. Closed-cell flexible elastomeric foam (FEF), fit for indoor and outdoor installations, combining low thermal conductivity and high resistance to water vapor diffusion to reduced flame propagation.

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 sleeve, with insulation. Made with galvanized steel sheet and provided with anti-aging EPDM synthetic rubber double-lip gaskets of homogeneous profile.

KRI-F

PRODUCT CODE	SIZE		
KRIFY125	DN125	1	-
KRIFY160	DN160	1	-
KRIFY200	DN200	1	-



Female-female sleeve, 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 adapter, with insulation.

Made with galvanized steel sheet and including anti-aging EPDM synthetic rubber double-lip gaskets of 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 double-lip gaskets of homogeneous profile.

For sealed derivations and reduced losses of pressure.

KEXT-G

STANDARD

PRODUCT CODE	SIZE		
KEXTGY125	DN125	1	-
KEXTGY160	DN160	1	-

WITH DEFLECTOR SHELL

PRODUCT CODE	SIZE		
KEXTGDY125	DN125	1	-
KEXTGDY160	DN160	1	-



External wall grid for fresh air intake and foul air exhaust.

Made with stainless steel to guarantee solidity and resistance to corrosion.

Provided with anti-insect mesh and flow-deflecting blades.

Enhanced seal with fitting clips on insertion neck. Also available with deflector shell.

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	-



Round section



Lowered oval section



Corrugated flexible pipe specific for suspended ceiling, under floor and wall installation of HRV systems. Two models available: with round section or lowered oval section.

Made with high-density anti-static and anti-bacterial polyethylene (HDPE), co-extruded with double layer, corrugated on the outside and smooth on the inside. Complying with rules certified by the HY German hygiene institute. It confers high elasticity thanks to the certified anti-microbic treatment (over 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 a 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. Working temperature: -25÷60 °C.

EN ISO 9969 resistance to crushing: >8 kN/m².

DN75 max flow rate: 30 m³/h

(according to DIN 1946/6).

DN90 max flow rate: 45 m³/h

(according to DIN 1946/6).

Min bending radius (for round pipe): 150 mm.

KCORR-P

PRODUCT CODE	SIZE		
KCORRPY075	DN75	1	-
KCORRPY090	DN90	1	-



Initial adapter for connection of round flexible corrugated pipe to plenum or manifold connections. Made with high-density polyethylene (HDPE). End-of-stroke inner profiling to prevent over-insertion of the pipe. Adapter easy to fit on plenum/manifold connection by inserting and rotating the part. Seal ring for corrugated pipe included.

KCORR-F

ROUND SECTION

PRODUCT CODE	SIZE		
KCORRFY075	DN75	1	-
KCORRFY090	DN90	1	-



Female-female sleeve 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 corrugated round pipes. Seal rings 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 sleeves for connection of 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 sleeves for connection of 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 hygienic protection inside PE pipe systems with KCORR corrugated pipes. 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 collar 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, gray outer protective coating. Working temperature: $-8 \div 90^{\circ}\text{C}$. Insulation thickness: 6 mm. Insulation grade: $0,038 \text{ W/(m K)}$. Min bending radius: 150 mm.

KFLOW-D

PRODUCT CODE	SIZE		
KFLOWDY001	$\varnothing 80 \text{ mm}$	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. Direct installation inside KCORR-P initial adapters on plenum and manifold connections. Working range: $15 \div 50 \text{ m}^3/\text{h}$. Regulation steps: $5 \text{ m}^3/\text{h}$. Regulation tolerance: $\pm 5 \text{ m}^3/\text{h}$.

KFLOW-S

PRODUCT CODE	SIZE		
KFLOWSY001	Ø 80 mm	1	-



Static flow rate controller.

With removable concentric inner elements: the flow section increases based on the number of concentric disks removed.

Direct installation inside KPB opening plenums. Working range: 15÷50 m³/h.

Regulation steps: ±5 m³/h.

KST

PRODUCT CODE	SIZE		
KSTY125	DN125	1	-
KSTY160	DN160	1	-
KSTY200	DN200	1	-



Calibration damper for KFLEX flexible ducts.

KBW

PRODUCT CODE	SIZE		
KBWY002	DN160 - 1,86 kW	1	-



Cooling hydronic coil for stand-alone assembly on heat recuperator delivery duct.

Made with galvanized steel sheet frame containing the heat exchange coil consisting of copper pipes and aluminum fins. Equipped with threaded connections including air vent valves and coil drain.

① INFO

KBWY002: 1,63÷1,86 kW - Connections DN160.
For KHR 300, 400 and 500 m³/h and KHRA-H 200 and 300 m³/h.

KBE

PRODUCT CODE	SIZE		
KBEY002	DN160 - 1,00 kW	1	-



Heating hydronic coil for stand-alone assembly on delivery duct.

Made with 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; teletrembler; adjustable thermostat ±35 °C; terminal strip.

The thermostat assembled on the coil enables to set the delivery air temperature directly.

① INFO

KBEY002: 1,0 kW - DN160 connections.
For KHR 300, 400 and 500 m³/h and KHRA-H 200 and 300 m³/h.

Spare parts for centralized HRV

KFR

PRODUCT CODE	SIZE		
KFRY001	2 x ePM1/80% x KHR 200 m3/h	1	-
KFRY002	2 x ePM1/70% x KHR 300 m3/h	1	-
KFRY010	2 x ePM1/80% x KHRA2-V	1	-
KFRY011	2 x ePM1/80% x KHRA2-H	1	-
KFRY012	1 x Coarse x KHRA2-V	1	-
KFRY013	1 x Coarse x KHRA2-H	1	-

KIT FILTRI **KFRY010-11**



KFRY001-004



PRE-FILTRO **KFRY012-13**



Standard spare filter kit for ventilation units. Filters with low losses of pressure, easy to remove without tools for periodical maintenance or replacement, washable.

For KHRD monoblok units: polypropylene composite filters, pre-mounted upstream to the exchanger on external air intake and indoor foul air recovery.

Honeycomb polypropylene filter (on galvanized metal sheet frame and electro-welded containment meshes) pre-mounted on recirculation air circuit.

For KMSD split module: honeycomb polypropylene filter (on galvanized metal sheet frame and electro-welded containment meshes) pre-mounted on recirculation air circuit.

KFCA

PRODUCT CODE	SIZE		
KFCAY001	ePM1/70% x KHRA 80 e 140 m3/h	1	-



Spare activated-carbon filter made with polypropylene composite, low losses 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).

KHRA2-UV

PRODUCT CODE	SIZE		
KHRA2UV001	36 W - 230 Vac	1	-



Germicide UV lamp.
Spare parts for CLEAN-AIR recuperators.

KHR-C

PRODUCT CODE	SIZE		
KHRCY101	WiFi black - for KHR, KHRW, KMSW	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.

① INFO

KHRCY101, KHRCY102, KHRCY111, KHRCY112: digital remote control for KHR, KHRW and KMSW recuperators. KHRCY502: digital remote control for KHRD and KMSD recuperators.

KHRCY001, KHRCY002, KHRCY011, KHRCY012: digital remote control for CLEAN AIR recuperators.

➤ Pinch-point heat recuperators (decentralized HRV)

1 - Pinch-point heat recuperators



p. **242**

2 - Extraction fan



p. **243**

3 - Accessories for extraction fans



p. **243**

4 - Accessories for pinch-point recuperators



p. **243**



For more details see catalogue
Air Treatment and Residential HRV
ER0008



Alternated single-flow
ventilation unit with static
heat recuperator.



KHRP

PRODUCT CODE	SIZE		
KHRPMY050	DN160 - 50 m ³ /h - Master	1	-
KHRPSY050	DN160 - 50 m ³ /h - Slave	1	-
KHRPMY025	DN100 - 20 m ³ /h - Master	1	-
KHRPSY025	DN100 - 20 m ³ /h - Slave	1	-

EXTRACTION FLOW



INFLOW



Alternated-flow ventilation unit with heat recovery for high-performance decentralized Heat Recovery Ventilation (HRV) in single residential units (residential buildings, offices, surgeries). Operational principle based on regenerative heat recovery through a ceramic exchanger inside the unit. The exchanger accumulates the heat released by the air extracted from the room and transfers it back by heating the air during the delivery cycle. Unit designed for indoor horizontal installation close to perimetric walls. Available as Master (unit with electronic control and setting remote) and Slave (unit with no remote, fit for use with Master units without 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 heat recuperator.

KHRP-I

PRODUCT CODE	SIZE		
KHRPIY160	For KHRPMY050, KHRPSY050 - DN160	1	-



Insulation kit (rigid pipe and caps) for KHRP pinch-point heat recuperator. Made with polypropylene foam (EPP) for thermal insulation of the recuperator telescopic pipe to prevent thermal bridges and heat dispersions. It enables to install the recovery unit after completion of the construction works.

KHRP-D

PRODUCT CODE	SIZE		
KHRPDY001	174 x 174 mm	1	-



Wall mounting template with rapid disassembly system for KHRP pinch-point heat recuperator. Convenient to inspect the recovery unit when disassembling the appliance through practical 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	-



External grid for KHRP inch-point heat recuperator.
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	-



Front cover for pinch-point heat recuperator KHRP and KVP extraction fan.
Made with a variety of materials and finish for a wide range of living solutions.
Supplied with special assembly 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 spaces such as bathrooms, kitchens, laundries, offices and stores.
Fit for wall-mount, ceiling or window-glass installation with special accessory. Available as duct-type unit. Constant flow rate control through micro-switches on side-mount electronic card. Optional operation with timers (basic timer or humidistat timer) through accessory electronic cards.
Extraction air flow rate up to 80 m³/h.

KVP-T

PRODUCT CODE	SIZE		
KVPTY001	Timer	1	-
KVPTY002	Timer	1	-



TIMER



TIMER WITH HUMIDISTAT

Additional electronic card for KVP spot extraction fan. For temporized operation.

TIMER: It starts the aspirator when the light or dedicated switch is turned on and to keep it running when off, for a time included between 45 seconds and 20 minutes, programmable through an internal trimmer.

TIMER WITH HUMIDISTAT: It starts the aspirator when the level of relative humidity inside the room exceeds the activation set point and keeps it running till the humidity level doesn't go below such threshold. When reaching the set point, the timing function enables the aspirator 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 can be set between 40-80%.
Aspirator for manual use also available with TIMER function.

DIRECT AND INDIRECT THERMAL ENERGY METERING

To ensure greater efficiency for the building/system and the reduction of polluting emissions, the centralised heating system is once again becoming popular in the new condominiums.

Each condominium, however, wants to manage ON/OFF times and comfort temperatures autonomously, paying only for what has actually been consumed. To meet these needs, we've produced a complete series of solutions for directly metering thermal energy. Together with individual thermoregulation, they allow you to combine the advantages of a centralised system with those of an autonomous one.

- 246 User modules for direct metering
- 250 Heat interface units for direct metering
- 259 Thermal energy meters, water meters, data centralization systems
- 264 Indirect metering (heat cost allocators)
- 266 Basic units and accessories
(boxes, templates, insulations, other components)



Energy Management



Radiant Systems



Water Management



Gas Distribution



Renewable Sources



Hydrogen Systems





Fire Protection

User modules for direct metering

GE555

STANDARD

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L X H X D) mm	BALANCING	UNITS FOR DOMESTIC WATER METERS		
GE555Y461	3/4"	500 x 500 x 110÷160	Only by-pass	2	1	-
GE555Y462	3/4"	600 x 600 x 110÷160	Static	3	1	-
GE555Y463	1"	600 x 600 x 110÷160	Static	3	1	-
GE555Y468	3/4"	600 x 600 x 110÷160	Dynamic	3	1	-
GE555Y469	1"	600 x 600 x 110÷160	Dynamic	3	1	-
GE555Y472	3/4"	600 x 600 x 145÷195	Only by-pass - with double delivery	2	1	-



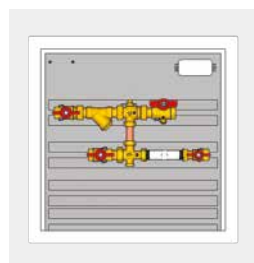
User module for centralized heating and/or cooling systems.

- 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 delivery 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).

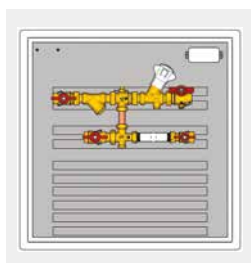
INFO

To complete the GE555 module, the following may be ordered separately:

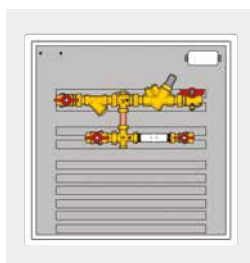
- Thermal energy meter, GE552 series
- Units for domestic/service water, GE550 or GE550-1 series
- Actuator for commanding the zone valve, K270
- Insulation, GE551-4 series
- Components for M-Bus data centralization (GE552-4 series), or Wireless M-Bus data centralization (GE552-W series)



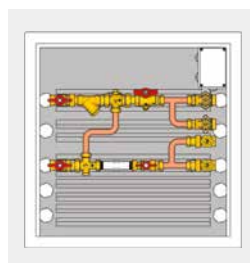
GE555Y461



GE555Y462 - GE555Y463



GE555Y468 - GE555Y469



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.

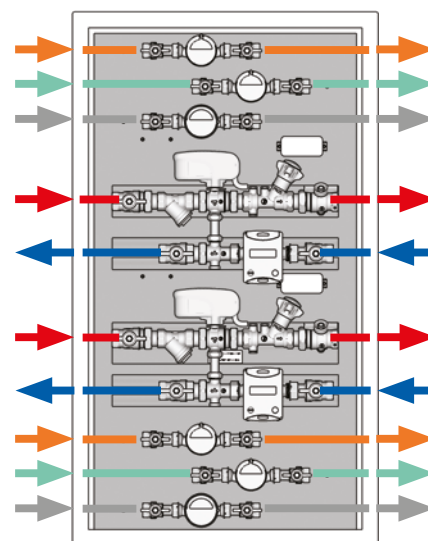
- Guide rails for installation of thermal energy metering units (maximum 2 outputs)
- Guide rails for installation of domestic and/or service water metering units (maximum 6 outputs)
- Boxes with terminal boards for electrical connections

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), or Wireless M-Bus data centralization (GE552-W series)



Finishing components, in light grey

DELIVERY

RETURN

DOMESTIC HOT WATER

DOMESTIC COLD 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.

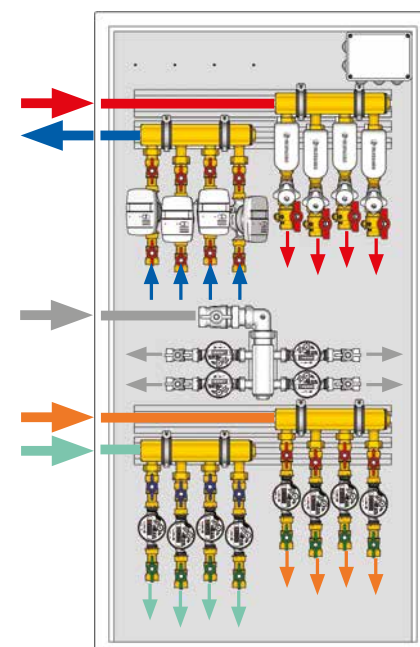
- Thermal energy metering units (3 or 4 depending on codes)
- Domestic metering units (3 or 4 depending on codes)
- Guide rails for installation of multiuser units (4 outputs) for service water
- Box with terminal board for electrical connections

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

DELIVERY

RETURN

DOMESTIC HOT WATER

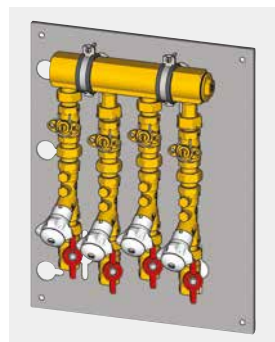
DOMESTIC COLD WATER

SERVICE WATER

Delivery & return metering units.

- Shut-off ball valves
- Plastic spacer for installation of thermal energy meter (the thermal energy meter must be installed splitting the volumetric part from the display)
- Depending on the version, multiuser units for domestic water, heating and/or cooling or universal metallic template units, are available
- Depending on the version, balancing valve units, motorizable zone valve, motorizable mixing valve, are available
- Max. working temperature 110 °C (90 °C with plastic spacer)
- Max. working pressure 16 bar (10 bar with plastic spacer)

GE550Y147 - GE550Y117



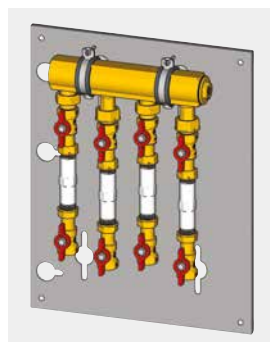
Delivery heating/cooling units.

- 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 delivery 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



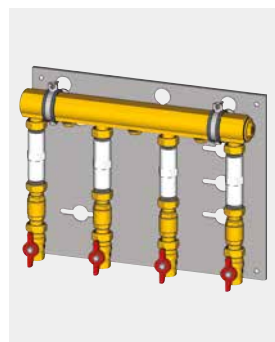
Return heating/cooling units.

- 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



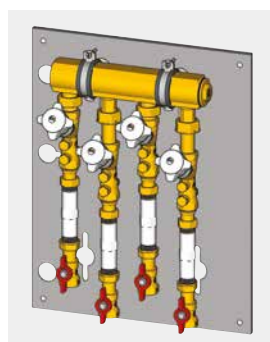
Delivery heating/cooling units.

- Guides to move the position of the collars in vertical direction
- Plastic spacer for installation of circulator 15/7
- Increased port check valves (size 1")
- Shut-off ball valves with housing for thermal energy meter delivery 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



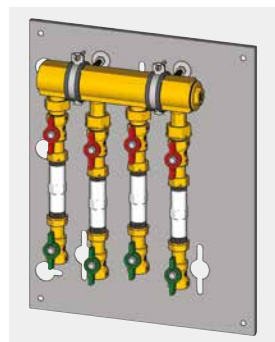
Return heating/cooling units.

- 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	-

GE550Y149



Universal multiuser metallic frame.

- Metallic frame with insulated manifold (size 1 1/4" x 3/4")
- 2÷4 zones with 3/4" units GE550, GE550-1 or GE550-2 series
- 2÷4 heating/cooling/domestic zones

NOTE: for the manifold-units connection, please order separately the fittings R189DY004

Frame dimensions: 495 x 390 x 115 mm

PRODUCT CODE	CONNECTIONS	ZONES		
GE550Y149	1 1/4" x 3/4"	2÷4	1	-

GE550-R1

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	-

Pre-assembled multiuser heating/cooling unit.

- 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): 585÷985 x 390 x 110 mm

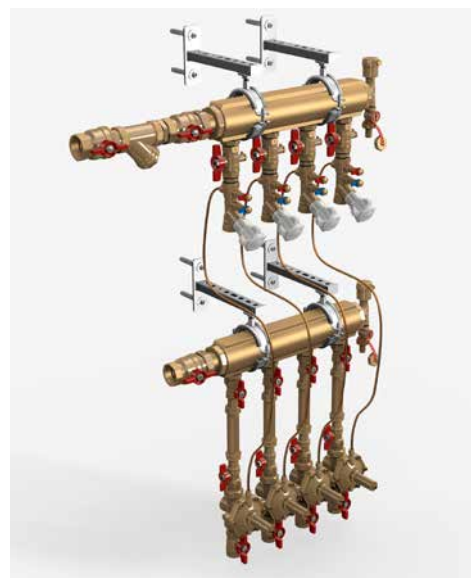


GE550-R3

PRODUCT CODE	CONNECTIONS	ZONES		
GE550Y172	1 1/4" x 3/4"	2	1	-
GE550Y173	1 1/4" x 3/4"	3	1	-
GE550Y174	1 1/4" x 3/4"	4	1	-
GE550Y175	1 1/4" x 3/4"	5	1	-
GE550Y176	1 1/4" x 3/4"	6	1	-

Pre-assembled multiuser heating/cooling unit.

- Filter
- Static balancing valves and interception ball valves with probe-holder for delivery outputs
- Differential pressure control valve and brass spacer for installation of GE552 thermal energy meters, for each return outputs
- Distribution manifolds with automatic air vent valves and drain cocks
- Delivery outputs dimensions (L x H x D): 550÷950 x 415 x 310 mm
- Return outputs dimensions (L x H x D): 355÷755 x 640 x 110 mm



➤ Heat interface units for direct metering

GE556

STANDARD

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER		
GE556Y301	3/4"	Priority valve	44 kW	1	-
GE556Y302	3/4"	Priority valve	58 kW	1	-
GE556Y314	3/4"	Softened water management	44 kW	1	-

Heat Interface Unit (HIU) for centralized systems, for managing heating and domestic hot water production.

- Heat exchanger for instantaneous production of domestic hot water
- Filter and housing for delivery temperature probe, on the primary side
- Motorizable zone valve and lockshield for static balancing, on the heating side
- Pre-arrangement 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



① INFO

To complete the GE556 HIU, the following may be ordered separately:

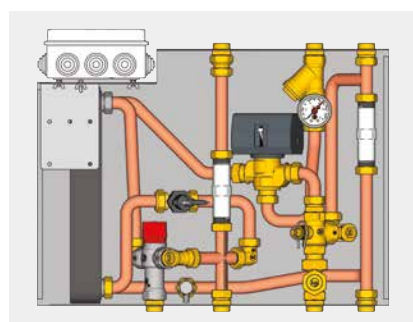
- Thermal energy meter, GE552 series
- Domestic water meter, GE552-2 series
- Actuator for commanding the zone valve, K270
- Template for installation in building site, GE551-2 series
- Additional valve kit (only for GE556Y314)
- Components for M-Bus data centralization (GE552-4 series), or Wireless M-Bus data centralization (GE552-W series)

For all the versions, the exchanger power refers to the following operation conditions:

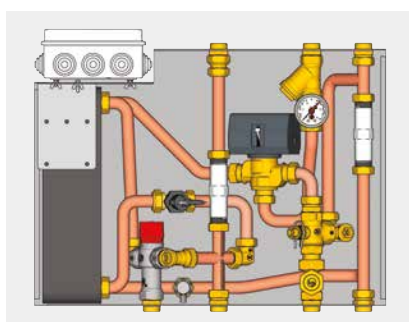
- Primary side 75 °C, flow rate 1 m³/h
- Secondary side 15-50 °C, 18 l/min (24 l/min for GE556Y302)

For the versions with big exchanger (GE556Y302), the power can be considered equal to 44kw to the following operating conditions:

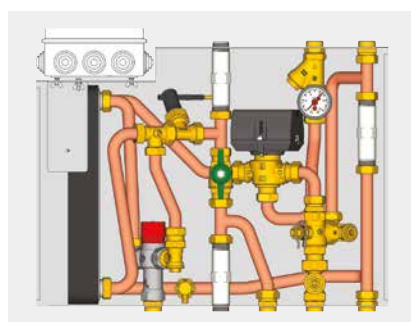
- Primary side 65 °C, flow rate 1 m³/h
- Secondary side 15-50 °C, 18 l/min



GE556Y301





GE556Y302



GE556Y314

GE556-1

DOUBLE HEAT EXCHANGER

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER	TEMPLATES		
GE556Y171	3/4"	Heating	17,4 kW	GE551Y081	1	-
GE556Y176	3/4"	Heating / Domestic water production	17,4 kW / 56 kW	GE551Y082	1	-
GE556Y177	3/4"	Heating / Domestic water production	17,4 kW / 67 kW	GE551Y082	1	-

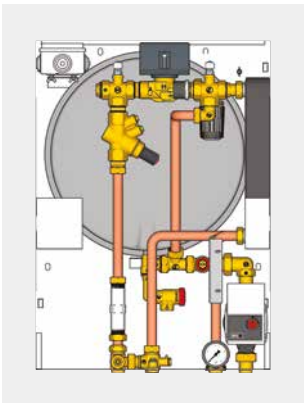
Heat Interface Unit (HIU) with a double heat exchanger, for centralized systems for high and low temperature heating and production of domestic hot water (only for GE556Y176-Y177).

- Heat exchanger to separate the secondary heating circuit from the primary circuit of the condominium
- Heat exchanger for the instantaneous production of domestic hot water (except GE556Y171)
- Self-regulating circulator, which conforms to directive ErP (2009/125/EC), expansion tank, safety valve, manometer, pressure switch, manual air vent valve, on heating side
- Thermostatic control of the heating temperature (possibility of high and low temperature)
- Automated zone valve, on heating side
- Priority control in the production of domestic hot water (except GE556Y171)
- TMV2+TMV3+WRAS-certified anti-scalding thermostatic mixer (except GE556Y171)
- Adjustable by-pass, dynamic balancing valve, primary side (except for the by-pass, there is no primary flow when the HIU is not active), manual air vent
- Pre-arrangement for housing the HIU inside a metallic template fitted with shut-off valves
- Brass spacers for installation of thermal energy meter and domestic water meter
- Box with terminal board for electric connections
- Max. working temperature: 90 °C
- Max. working pressure:
Primary circuit: 16 bar
Secondary DHW circuit: 10 bar
Secondary heating circuit: 3 bar

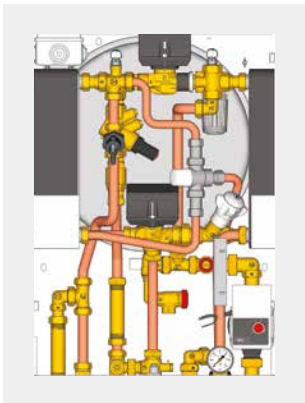
Dimensions: 450 x 630 x 180 mm



- ① INFO
To complete the GE556-1 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
 - Components for M-Bus data centralization (GE552-4 series), or Wireless M-Bus data centralization (GE552-W series)



GE556Y171



GE556Y176 - GE556Y177

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER	TEMPLATES		
GE556Y401	3/4"	Heating / Domestic water production	58 kW	GE551Y074	1	-
GE556Y402	3/4"	Heating / Domestic water production	67 kW	GE551Y074	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 domestic hot water
- Flow switch for domestic hot water priority command
- Three-way motorized diverting valve
- Two-way motorized mixing valve
- Self-modulating circulator complying with ErP Directive (2009/125/EC)
- Filter and manual air-vent valve on primary side
- Adjustable by-pass and static balancing lockshield on heating side
- Thermal safety valve on heating side
- Safety pressure switch for low pressure
- Fully insulated pipes
- Electronic thermoregulation unit with fixed point (Set-Point) for managing the domestic hot water temperature and the climatic heating curve, with external probe support (included)
- Remote command for parameter management, with visualisation display
- Domestic hot water temperature control probes (heating and primary return)
- Box with terminal board for electric connections
- Brass and plastic spacers for installation of thermal energy meter and domestic water meter
- Energy savings: reduction of the flow rate requested from the primary line, and reduction of the primary return temperatures
- Heating temperature range:
low temperature: 25÷45 °C
high temperature: 25÷85 °C
- Domestic hot water temperature range: 30÷60 °C (Set-Point 48 °C)
- Max. working temperature: 90 °C
- Max. working pressure: 10 bar

Dimensions: 450 x 630 x 180 mm



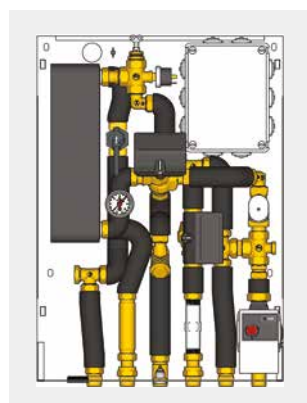
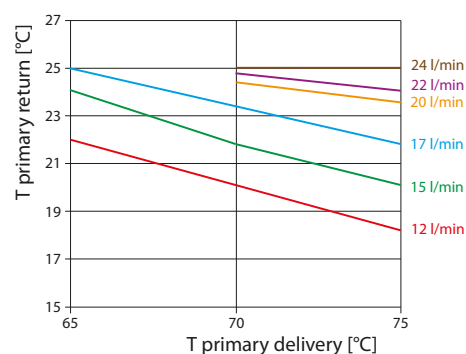
INFO

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 building site, GE551-2 series
- Components for M-Bus data centralization (GE552-4 series), or Wireless M-Bus data centralization (GE552-W series)

ENERGY SAVING FEATURES

Low return temperatures of primary side, in heating operation



GE556Y401 - GE556Y402



K480Y002
Thermostat with
remote command.
Provided with the HIU

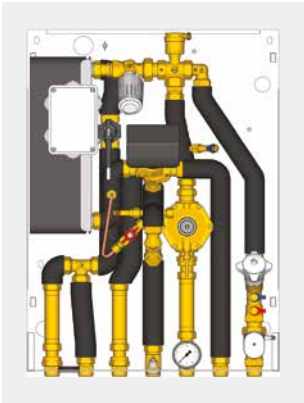
GE556-4

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER	TEMPLATES		
GE556Y320	3/4"	High temperature heating/ Domestic water production	56 kW	GE551Y075	1	-
GE556Y321	3/4"	High temperature heating/ Domestic water production	67 kW	GE551Y075	1	-
GE556Y322	3/4"	Low temperature heating/ Domestic water production	56 kW	GE551Y075	1	-
GE556Y323	3/4"	Low temperature heating/ Domestic water production	67 kW	GE551Y075	1	-

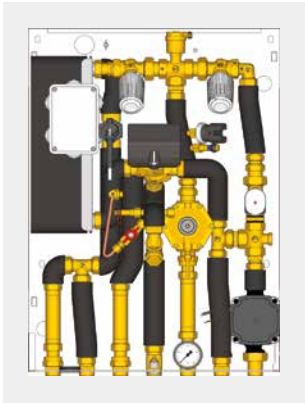
Heat Interface Unit (HIU) for centralized systems, for managing high/low temperature heating and hot domestic water production.

- Heat exchanger for instantaneous production of domestic hot water
- Flow switch for domestic hot water priority control
- Motorized three-way diverting valve
- Self-modulating circulator complying with Directive ErP 2009/125/EC (only for GE556Y322-323)
- Static balancing valve (only for GE556Y320-321)
- Thermostatic valve for adjusting the domestic hot water and heating temperature
- By-pass on the Domestic 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



GE556Y320 - GE556Y321



GE556Y322 - GE556Y323

WITH DIFFERENTIAL PRESSURE CONTROL VALVE



① 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), or Wireless M-Bus data centralization (GE552-W series)

CONFIGURATION EXAMPLES



SM556Y44929



SM556Y45336

Modular Heat Interface Units (HIU) for thermal energy consumptions in heating systems and domestic hot water production in modern autonomous systems with centralized heat production (eg. teleheating).

GE556-5 heat interface units are known as modular as one can assemble various components to create an interface unit suitable based on installation needs (control of high or low temperature heating with or without balancing valves, control of domestic hot and/or cold water, etc...).

Main features

- Hydraulic connection: adjustable tail pieces with gasket and 3/4" F flat seat nut.
- Heat exchanger power for domestic water up to 50 kW.
- Priority valve for domestic water production.
- Water hammer arrestor for domestic water circuit (not included if GE556Y567/568 recirculation unit is included)
- Insulation through polypropylene foam shell.
- Predisposition for installation of thermal energy meter and domestic water meters.

Optional features

- Upper or lower primary circuit inlet.
- Differential pressure control valve on primary circuit.
- Domestic hot water control through thermostatic head.
- Flow rate control of high temperature heating circuit through static balancing valve.
- Additional low temperature heating circuit with thermostatic head and circulator.
- Thermostatic by-pass to maintain constant the DHW temperature of the heat exchanger
- Recirculation kit with or without circulator for domestic water circuit.
- Varnished metal cover aesthetically pleasant.

① INFO



















For the realization of the purchase code of the desired configuration, please refer to our sales back office.

Technical data

- Max. working temperature of primary and secondary circuits (heating and domestic hot water): 90 °C
- Max. working pressure of primary circuit: 10 bar
- Max. differential pressure of primary circuit: 0,5 bar (if present the kit GE556Y532: 0,5-2 bar)
- Max. working pressure of domestic hot water (DHW) circuit: 10 bar
- Temperature range of heating secondary circuit: 20÷70 °C (set point 45 °C)
- Temperature range of domestic hot water (DHW) secondary circuit: 20÷70 °C (set point 50 °C)
- Nominal flow rate of primary circuit (domestic hot water production):
 - With GE556Y511/512: 515 l/h @ 80 °C for 34 kW (12 l/min @ ΔT 10-50 °C)
 - With GE556Y513/514: 620 l/h @ 80 °C for 42 kW (15 l/min @ ΔT 10-50 °C)
 - With GE556Y515/516: 720 l/h @ 80 °C for 50 kW (18 l/min @ ΔT 10-50 °C)
- Nominal flow rate of high temperature heating circuit:
 - With GE556Y549/548: 1000 l/h @ ΔT 15 °C (80-65 °C) for 17,5 kW
 - With GE556Y547: 480 l/h @ ΔT 10 °C (80-70 °C) for 5,5 kW
- Nominal flow rate of low temperature heating circuit:
 - With GE556Y540: 1500 l/h @ ΔT 7 °C (45-38 °C) for 12,5 kW
- Nominal flow rate of high and low temperature heating circuit:
 - With GE556Y548 + GE556Y540:
 - Primary: 770 l/h @ 80-54,5°C for 23 kW
 - Low temp. secondary circuit: 1500 l/h @ ΔT 7 °C (45-38 °C) for 12,5 kW
 - High temp. secondary circuit: 600 l/h @ ΔT 15 °C (80-65 °C) for 10 kW
 - With GE556Y547 + GE556Y540:
 - Primary circuit: 680 l/h @ 80-56°C for 19 kW
 - Low temp. secondary circuit: 1500 l/h @ ΔT 7 °C (45-38 °C) for 12,5 kW
 - High temp. secondary circuit: 480 l/h @ ΔT 10 °C (80-70 °C) for 5,5 kW

HOW TO CREATE THE DESIRED HIU

Starting from the GE556Y505/506 basic codes, the heat interface unit can be configured with additional product codes and possible optionals.

BASIC CODE	DOMESTIC WATER CIRCUIT		PRIMARY CIRCUIT	SECONDARY CIRCUIT	OPTIONALS			
	HEAT EXCHANGER	CONTROL COMPONENTS			INSULATION	OTHER OPTIONALS		
GE556Y505 Lower primary connections 	GE556Y511 16-plate exchanger + 5 mm insulation 	GE556Y521 DHW production without controls 	GE556Y531 Primary circuit connections without controls 	GE556Y549 Secondary circuit, direct heating without controls 	GE556Y551 Insulation 	GE556Y561 DCW outlet unit output 		
GE556Y506 Upper primary connections 	GE556Y512 16-plate exchanger + 20 mm insulation 	GE556Y522 DHW production with thermostatic control 	GE556Y532 Primary circuit connections with differential pressure control valve 	GE556Y548 Secondary circuit, direct heating with static balancing 	GE556Y567 Domestic water recirculation unit output with circulator 			
GE556Y513 26-plate exchanger + 5 mm insulation GE556Y514 26-plate exchanger + 20 mm insulation GE556Y515 36-plate exchanger + 5 mm insulation GE556Y516 36-plate exchanger + 20 mm insulation		GE556Y530 Primary circuit connections with compact differential pressure control valve 		GE556Y547 Secondary circuit, direct heating with presetting valve, possible installation of thermo-electric actuator 	GE556Y568 Domestic water recirculation unit output without circulator 			
		GE556Y540 Secondary circuit, low temperature heating kit 						
		GE556Y569 Drain cocks 						
		<p>① The GE556Y540 kit can be ordered separately or combined to one of the GE556Y549/548/547 kits.</p>						

To complete the GE556-5 HIU, the following may be ordered separately:

GE551Y089 Template with 6 shut-off valves, for GE556Y505 or GE556Y506 HIU including GE556Y551 insulation 	GE551Y090 Lowered template with 6 shut-off valves, for GE556Y505 or GE556Y506 HIU without insulation 	GE500Y258 Additional DCW valve, for installation on template with GE556Y561 optional kit 	GE500Y261 Pair of additional valves for low temperature heating delivery and return, for installation on template with GE556Y546 kit for secondary circuit 
GE551Y185 Metal cover for HIU, only for HIU with GE551Y089 template 	R473/R473M Thermo-electric actuator normally closed to control presetting valve included with GE556Y547 kit R473X221-R473MX221: 230 V R473X222-R473MX222: 24 V 	GE552 Thermal energy meter GE552Y159 3/4", volumetric, 1,5 m³/h GE552Y216 3/4", volumetric, 1,5 m³/h, wireless M-Bus GE552Y122 3/4", ultrasounds, 1,5 m³/h 	GE552-2 Domestic water meter GE552Y191 3/4", domestic hot water GE552Y190 3/4", domestic cold water, to be ordered separately if GE556Y561 additional unit output is present 

① Second to last number of each product code indicates product type:

- 0 for heat interface unit base
- 1 for heat exchanger of domestic water circuit
- 2 for control components of domestic water circuit
- 3 for control components of primary circuit
- 4 for control components of secondary circuit (heating)
- 5 for insulation (optional)
- 6 for other optional components

To ensure proper operation of heat interface unit, order at least one product code for each type of component with 0, 1, 2, 3, 4 as second to last figure. Product codes with 5, 6 as second to last figures are considered optionals.

CONFIGURATION EXAMPLES



SM556Y30417



SM556Y30441

Modular Heat Interface Units (HIU) for thermal energy consumptions in heating systems and domestic hot water production in modern autonomous systems with centralized heat production (eg. teleheating).

GE556-5 heat interface units are known as modular as one can assemble various components to create an interface unit suitable based on installation needs (control of high or low temperature heating with or without balancing valves, control of domestic hot and/or cold water, etc...).

Main features

- Hydraulic connection: adjustable tail pieces with gasket and 3/4" F flat seat nut.
- Heat exchanger power for domestic water up to 50 kW.
- Priority valve for domestic water production.
- Water hammer arrestor for domestic water circuit (not included if GE556Y564/565 recirculation unit is included)
- Insulation through polypropylene foam shell.
- Predisposition for installation of thermal energy meter and domestic water meters.

Optional features

- Upper or lower primary circuit inlet.
- Differential pressure control valve on primary circuit.
- Domestic hot water control through thermostatic head.
- Flow rate control of high temperature heating circuit through presetting valve.
- Thermostatic by-pass to maintain constant the DHW temperature of the heat exchanger
- Recirculation kit with or without circulator for domestic water circuit.
- Varnished metal cover aesthetically pleasant.

① INFO



















For the realization of the purchase code of the desired configuration, please refer to our sales back office.

Technical data

- Max. working temperature of primary and secondary circuits (heating and domestic hot water): 90 °C
- Max. working pressure of primary circuit: 10 bar
- Max. differential pressure of primary circuit: 0,5 bar (if present the kit GE556Y532: 0,5÷2 bar)
- Max. working pressure of domestic hot water (DHW) circuit: 10 bar
- Temperature range of heating secondary circuit: 20÷70 °C (set point 45 °C)
- Temperature range of domestic hot water (DHW) secondary circuit: 20÷70 °C (set point 50 °C)
- Nominal flow rate of primary circuit (domestic hot water production):
 - With GE556Y511/512: 515 l/h @ 80 °C for 34 kW (12 l/min @ ΔT 10-50 °C)
 - With GE556Y513/514: 620 l/h @ 80 °C for 42 kW (15 l/min @ ΔT 10-50 °C)
 - With GE556Y515/516: 720 l/h @ 80 °C for 50 kW (18 l/min @ ΔT 10-50 °C)
- Nominal flow rate of high temperature heating circuit:
 - With GE556Y544 kit 480 l/h @ ΔT 10 °C (80-70 °C) for 5,5 kW

HOW TO CREATE THE DESIRED HIU

Starting from the GE556Y503/504 basic codes, the heat interface unit can be configured with additional product codes and possible optionals.

BASIC CODE	DOMESTIC WATER CIRCUIT		PRIMARY CIRCUIT	SECONDARY CIRCUIT	OPTIONALS	
	HEAT EXCHANGER	CONTROL COMPONENTS			INSULATION	OTHER OPTIONALS
GE556Y503 Lower primary connections 	GE556Y511 16-plate exchanger + 5 mm insulation 	GE556Y521 DHW production without controls 	GE556Y531 Primary circuit connections without controls 	GE556Y544 Secondary circuit, direct heating with presetting valve and optional installation of thermo-electric actuator 	GE556Y552 Insulation 	GE556Y561 DCW outlet unit output 
GE556Y504 Upper primary connections 	GE556Y512 16-plate exchanger + 20 mm insulation 	GE556Y522 DHW production with thermostatic control 	GE556Y532 Primary circuit connections with differential pressure control valve 		GE556Y552 Insulation 	GE556Y564 Domestic water recirculation unit output with circulator 
	GE556Y513 26-plate exchanger + 5 mm insulation GE556Y514 26-plate exchanger + 20 mm insulation GE556Y515 36-plate exchanger + 5 mm insulation GE556Y516 36-plate exchanger + 20 mm insulation		GE556Y530 Primary circuit connections with compact differential pressure control valve 			GE556Y565 Domestic water recirculation unit output without circulator 
						GE556Y566 Thermostatic by-pass to maintain constant the DHW temperature of the heat exchanger 
						GE556Y569 Drain cocks 

To complete the GE556-5 HIU, the following may be ordered separately:

GE551Y087 Template with 6 shut-off valves, for GE556Y503 or GE556Y504 HIU including GE556Y552 insulation 	GE551Y088 Lowered template with 6 shut-off valves, for GE556Y503 or GE556Y504 HIU without insulation 	GE500Y258 Additional DCW valve, for installation on template with GE556Y561 optional kit 	
GE551Y184 Metal cover for HIU, only for HIU with GE551Y087 template 	R473/R473M Thermo-electric actuator normally closed to control presetting valve included with GE556Y544 kit R473X221-R473MX221: 230 V R473X222-R473MX222: 24 V 	GE552 Thermal energy meter GE552Y159 3/4", volumetric, 1,5 m³/h GE552Y216 3/4", volumetric, 1,5 m³/h, wireless M-Bus GE552Y122 3/4", ultrasounds, 1,5 m³/h 	GE552-2 Domestic water meter GE552Y191 3/4", domestic hot water GE552Y190 3/4", domestic cold water, to be ordered separately if GE556Y561 additional unit output is present 

① Second to last number of each product code (in red in the table) indicates product type:

- 0 for heat interface unit base
- 1 for heat exchanger of domestic water circuit
- 2 for control components of domestic water circuit
- 3 for control components of primary circuit
- 4 for control components of secondary circuit (heating)
- 5 for insulation (optional)
- 6 for other optional components

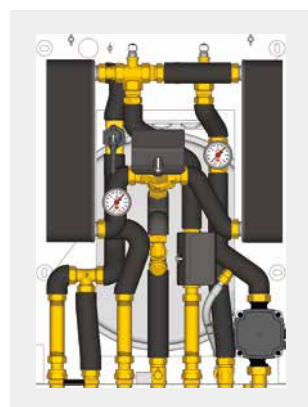
To ensure proper operation of heat interface unit, order at least one product code for each type of component with 0, 1, 2, 3, 4 as second to last figure. Product codes with 5, 6 as second to last figures are considered optionals.

PRODUCT CODE	CONNECTIONS	MAIN FEATURES	HEAT EXCHANGER POWER	TEMPLATES		
GE556Y411	3/4"	Heating / Domestic water production	56 kW	GE551Y085 GE551Y086	1	-
GE556Y412	3/4"	Heating / Domestic water production	67 kW	GE551Y085 GE551Y086	1	-

Electronic Heat Interface Unit (HIU) with double heat exchanger for centralized systems, for managing high/low temperature heating and domestic hot water production.

- Heat exchanger to separate the secondary heating circuit from the primary circuit of the condominium
- Heat exchanger for the instantaneous production of domestic hot water
- Electronic thermoregulation unit with fixed point (Set-Point) for managing the DHW temperature and the climatic heating curve, with external probe support (included)
- Remote control with chronothermostat function to manage the parameter (for single zone)
- Flow switch for domestic hot water priority command
- Three-way priority valve on the delivery of the primary side
- Two-way modulating valve on the return of the primary side
- Self-modulating circulator (ErP 2009/125/EC)
- Filter and manual air-vent valve on primary side
- Safety valve on heating side
- Safety pressure switch for low pressure on the primary side
- Fully insulated pipes
- Box with terminal board for electric connections
- Multizone additional control by the free contact on the electronic board (additional thermostats to be ordered separately)
- Brass spacers for installation of thermal energy meter and domestic water meter
- Energy savings: reduction of the flow rate requested from the primary line, and reduction of the primary return temperatures
- Heating temperature range:
low temperature: 25÷45 °C
high temperature: 25÷85 °C
- Domestic hot water temperature range: 30÷60 °C (Set-point 50 °C)
- Max. working temperature: 90 °C
- Max. working pressure:
Primary circuit: 16 bar
Secondary DHW circuit: 10 bar
Secondary heating circuit: 4,5 bar

Dimensions: 460 x 630 x 270 mm



GE556Y411 - GE556Y412



K480Y002
Thermostat with
remote command.
Provided with the HIU



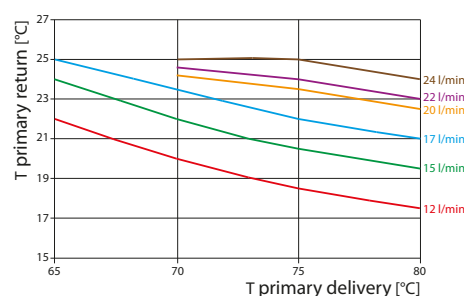
INFO

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 building site
- Components for M-Bus data centralization (GE552-4 series), or Wireless M-Bus data centralization (GE552-W series)

ENERGY SAVING FEATURES



Low return temperatures of primary side, in heating operation



Thermal energy meters, water meters, data centralization systems

GE552

THERMAL ENERGY METERS

PRODUCT CODE	CONNECTIONS	NOMINAL FLOW-RATE m³/h	MAX FLOW-RATE m³/h	POWER SUPPLY	DISTANCE m	DATA CENTRALIZATION TYPE		
GE552Y215	3/4"	0,6	1,2	battery	110	M-Bus / Wireless M-Bus	1	-
GE552Y216	3/4"	1,5	3	battery	110	M-Bus / Wireless M-Bus	1	-
GE552Y217	1"	2,5	5	battery	130	M-Bus / Wireless M-Bus	1	-

Volumetric thermal energy meters with double register, for measuring heating and/or cooling consumption.

- Electronic processing unit
- Flow rate measuring section
- Impulsive inputs for domestic water meters
- Two water temperature probes (delivery and return)
- Max. working temperature 90 °C
- Max. working pressure 16 bar
- Arranged for data communication in accordance with M-Bus EN1434 or Wireless M-Bus EN13757 (by the GE552Y027 board)
- EC marks
- Certified in accordance with MID 2014/32/EU





GE552Y215 - GE552Y216 - GE552Y217

GE500



Probe-support replacement kit
M10 x 1 mm for energy meters.



PRODUCT CODE	MATERIAL		
GE500Y401	brass	1	-
GE500Y402	plastic	-	1

GE552-2

DOMESTIC WATER METERS

PRODUCT CODE	CONNECTIONS	DOMESTIC WATER TYPE	PERMANENT FLOW-RATE Q3 m³/h	MAX. WATER TEMPERATURE °C	CENTRE DISTANCE mm	DATA CENTRALIZATION TYPE		
GE552Y190	3/4"	cold	2,5	30	110	M-Bus	1	-
GE552Y191	3/4"	hot	2,5	90	110	M-Bus	1	-

Domestic water meters, for measuring the consumption of domestic hot and cold water.

- Measurement section of the flow and circular dial
- Max. working temperature: 30 °C for domestic cold water
90 °C for domestic hot water
- Max. working pressure 16 bar
- Arranged for data communication in accordance with M-Bus EN1434
- EC marking
- Certified in accordance with MID 2014/32/EU



GE552Y190 - GE552Y191

The wireless M-Bus (868 MHz) centralization complies with the standard EN 13757.

The consumption data may be sent remotely or in walk-by mode.

REMOTE MODE

The modular M-Bus Wireless centralization system is composed of a datalogger GE552Y058 (with integrated web server) and radio signal repeater antennae GE552Y053. The system allows:

- connecting in series the various wired and wireless devices, extending the reading capacity up to 3000 devices.
- directly managing 2500 wireless devices and 500 wired.

The number of wired devices may be extended to 250, connecting more local concentrators GE552Y050 to the GE552Y052 datalogger, maintaining the possibility to manage up to 250 wireless devices.

Advantages:

- The integrated web server allows the set-up, the search and the consultation of data from all the devices that make up the M-Bus/M-Bus wireless network directly on the display of the device
- Through a dial-up router all data can be managed and viewed on a PC or smartphone
- Management of alarms due to failure, tampering or the exceeding of configurable thresholds with the sending of email notifications
- Scheduling for the generation and forwarding of reports on the data gathered

WIRELESS DATALOGGER



M-Bus/M-Bus Wireless datalogger for the collection, processing and recording data originated from M-Bus or Wireless M-Bus devices.

Can manage directly up to 6 local concentrator, max. 500 wired devices and 20 devices directly connected.

Can manage max. 2500 Wireless devices (through GE552Y053 repeater).

PRODUCT CODE		
GE552Y058	1	-

WIRELESS SIGNAL REPEATER ANTENNA



Wireless repeater and concentrator to extend the radio flow rate of the devices and for data transmission to the GE552Y058 datalogger.

PRODUCT CODE		
GE552Y053	1	-

MODEM ROUTER



4G/EDGE/GPRS wireless modem router for remote connection of GE552Y058 datalogger.

PRODUCT CODE		
GE552Y060	1	-

WALK-BY MODE

Data sent to a PC, received by antenna GE552Y043 connected to USB port.

WIRELESS DATA RECEIVE



Wireless data receiver for devices installed on the installation (heat cost allocators, wireless modules for meters). Can be connected to PC via USB port. Flow rate up to 400 m.

The operation is provided by the same software GESWY001 used for heat cost allocators programming.

PRODUCT CODE		
GE552Y043	1	-

WIRELESS DEVICES

WIRELESS MODULE FOR THERMAL ENERGY METERS

For installation on the thermal energy meter dial GE552Y215, GE552Y216, GE552Y217.



PRODUCT CODE		
GE552Y027	1	-

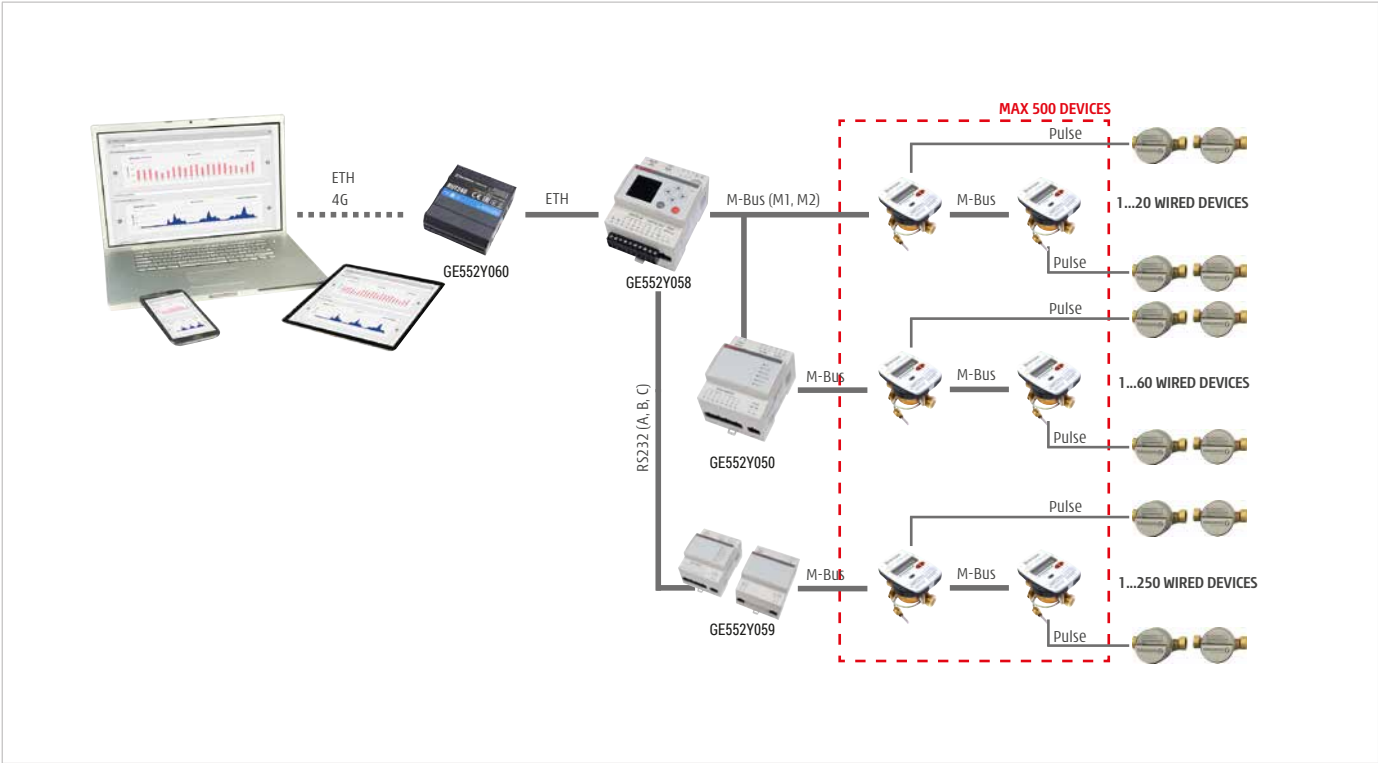
SOFTWARE FOR WIRELESS DATA CENTRALISATION

PRODUCT CODE		
GESWY001	1	-

The software can be used to configure and easily manage the wireless metering system.
It is suitable for all devices.

The codes refers to no. 1 user license.

SAMPLE SCHEME



The new M-bus modular centralization system comprises two solutions and allows to place the various devices in series expanding the reading possibility from 20 to 500 devices.

The **standard solution** is to use a local M-Bus concentrator that supports up to 60 devices and allows the on-site consultation and acquisition of data on the PC through a special software and USB cable.

The **complete solution** consists of a datalogger with integrated web server that supports up to 6 local concentrators expanding the network to 500 devices (distributed in 2 independent lines of 250 devices each).

Advantages:

- The integrated web server allows the set-up, the search and the consultation of data from all the devices that make up the M-Bus network directly on the display of the device
- Through a dial-up router all data can be managed and viewed on a PC or smartphone
- Management of alarms due to failure, tampering or the exceeding of configurable thresholds with the sending of email notifications
- Scheduling for the generation and forwarding of reports on the data gathered

LOCAL CONCENTRATOR



Local concentrator for the collection, processing and recording data originated from M-Bus network.

To be used in combination with the software GE552Y056.

GE552Y050: capable to manage up to 60 devices.

GE552Y059: complete with power supply, capable to manage up to 250 devices.

PRODUCT CODE		
GE552Y050	1	-
GE552Y059	1	-
GE552Y056*	1	-

* The code refers to no. 1 user license.

DATALOGGER WITH WEB SERVER



M-Bus/M-Bus Wireless datalogger for the collection, processing and recording data originated from M-Bus or Wireless M-Bus devices.

Can manage directly up to 6 local concentrator, max. 500 wired devices and 20 devices directly connected.

Can manage max. 2500 Wireless devices (through GE552Y053 repeater).

PRODUCT CODE		
GE552Y058	1	-
GE552Y051*	1	-

*Last in production.

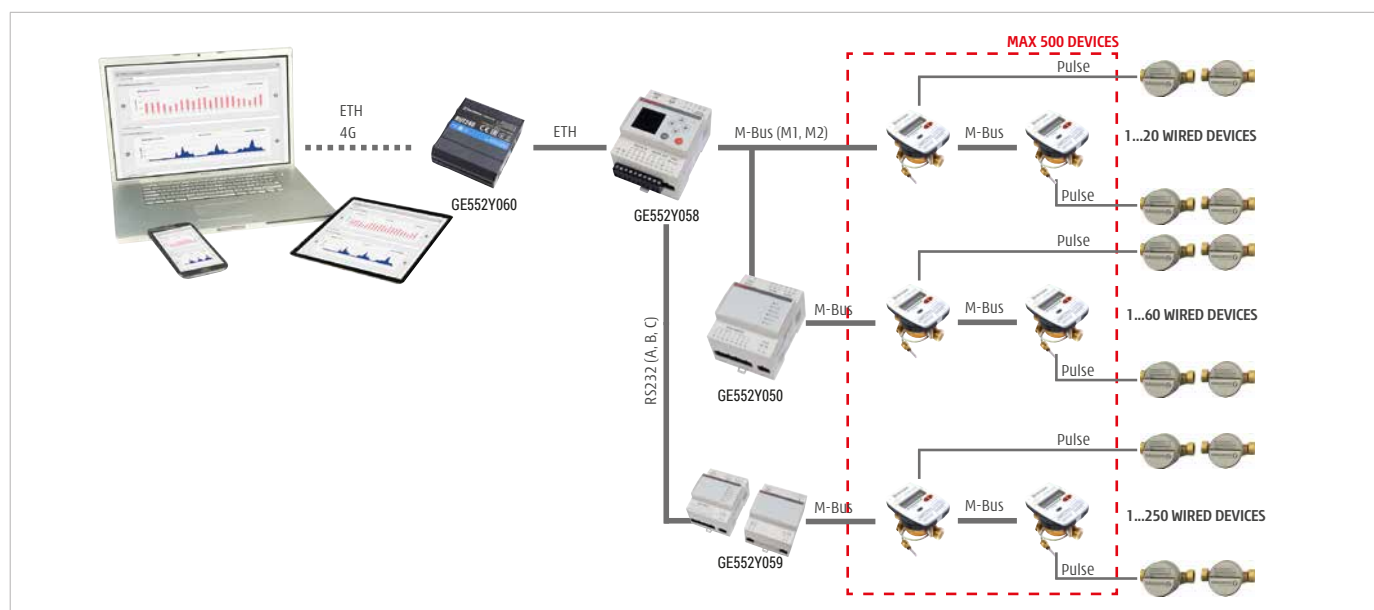
MODEM ROUTER



4G/EDGE/GPRS wireless modem router for remote connection of GE552Y058 datalogger.

PRODUCT CODE		
GE552Y060	1	-

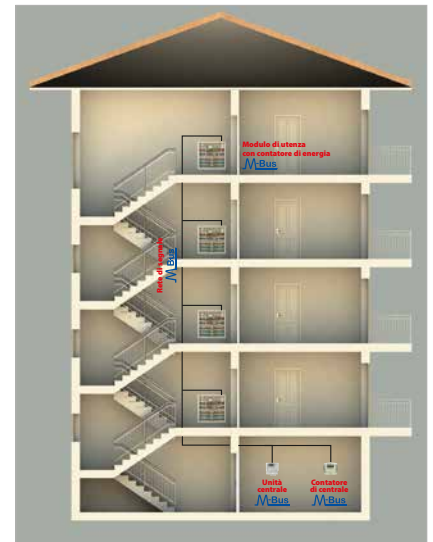
SAMPLE SCHEME



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 GE555 modules and GE556 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.



➤ Indirect metering (heat cost allocators)

The metering of thermal consumption using the GE700 electronic heat cost allocator system allows reorganizing radiator systems with centralized production and rising column distribution, making them more modern and appropriate for the times. In addition to the comfort and energy saving provided by individual thermoregulation using thermostatic heads and valves, it is possible to divide the cost of heating on the basis of the actual consumption, with a criterion of greater equity with respect to the traditional criteria of subdividing. A radiator system that is reorganized with metering and thermoregulation also encourages more responsible, individual behaviour towards energy use. By paying for what they actually consume, each user is motivated to eliminate waste and to regulate the temperature inside the rooms of his house, on the basis of his actual need. No longer will rooms be unnecessarily overheated, with the windows open, which will be a great benefit for the environment and for the energy bill. The GE700 electronic heat cost allocators conform to regulation EN 834, and are based on the principle of dual-sensor temperature measurement. Their use is possible in radiator systems that have single, or twin pipe distribution. They can also transmit the data remotely, at a radio frequency of 868 MHz (the ISM (Industrial, Scientific, Medical) European band) and are fitted with a long-life battery. The large range of accessories allow them to be assembled to the most common radiators on the market.



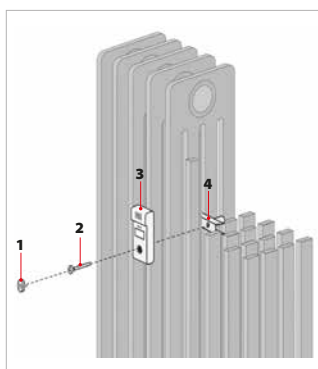
GE700

PRODUCT CODE	FEATURES		
GE700Y030	-	1	-
GE700Y033	with remote sensor	1	-

Radio-controlled heat cost allocator, for measuring thermal consumption. With certification of conformity to the norm EN 834. EN 13757 Wireless M-Bus transmission of data at 868 MHz in accordance with OMS standard. Six-figure display for direct reading. Dual temperature sensor operation, with automatic switching to one sensor under critical temperature measuring conditions. Optical interface for programming/reading using a special configuration key. Anti-tamper seal and alarm disassembly with data storage. Daily storage of data, with monthly archive. Archive of consumptions and average temperatures, up to 24 months before. Powered by a lithium battery, standard lifetime, 10 years.

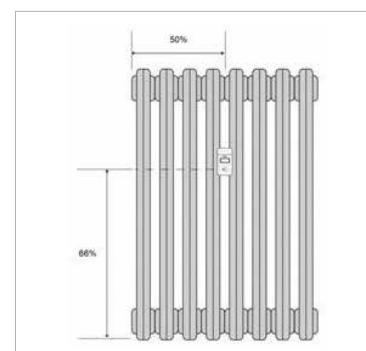
- Type of centralized system: with 2 pipes / 1 pipe.
- Sensor precision: error $\leq 1\%$.
- Heating temperature field (T_{min} for initial count, T_{max}): $21 \div 90^\circ\text{C}$.
- Temperature for initial count, summer mode: 38°C .
- Switching ΔT : 3 K.
- Maximum radiator power: 12500 W.
- Programmable data transmission frequency.
- Transmission power $\leq 10\text{ mW}$.
- Warehouse storage temperature: $10 \div 30^\circ\text{C}$.
- Standard OMS.

Production check of every individual heat cost allocator. Certification document of the count precision, available (in accordance with EN 834).



1 = SAFETY SEAL - 2 = FIXING SCREWS
3 = HEAT COST ALLOCATOR - 4 = SUPPORT

HEAT COST ALLOCATORS



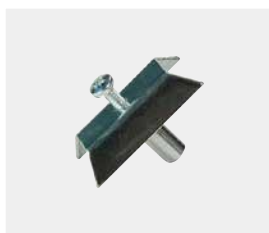
① INFO

GE700Y033: radio-controlled heat cost allocator with remote sensor. To be used in installation situations in which the radiator is difficult to access, or where there is insufficient space to fit the heat cost allocator. In these cases, the heat cost allocator and probe can be installed separately, with the remote sensor in contact with the surface of the radiator. Includes probe and kit to fit the heat cost allocator to the wall. Suitable for measuring thermal consumption in convectors. Remote probe cable length: 2 m.

FITTING THE HEAT COST ALLOCATOR TO THE RADIATOR

The heat cost allocator must be installed two thirds of the way up the radiator, and in the middle of it. If the radiator has an uneven number of elements (that is, an even number of spaces between the elements, it is impossible to install the heat cost allocator in the middle), so the distributor should be moved to the space nearest to the delivery valve. If the radiator is over 2.2 m in length, it must be regarded as two radiators of half the length.

GE700-1



Fixing elements for GE700 heat cost allocators.

PRODUCT CODE	SIZE		
GE700Y100	35 mm fixing support, M4 screws x30	1	20
GE700Y101	43 mm fixing support, M4 screws x30	1	20
GE700Y102	53 mm fixing support, M4 screws x30	1	20
GE700Y103	55 mm fixing support, M3 screws x30	1	20
GE700Y104	37 mm fixing support, M3 screws x30	1	20
GE700Y105	67 mm fixing support, M4 screws x30	1	20
GE700Y106	Bracket	1	20
GE700Y107	Threaded stud bolt	1	20
GE700Y108	Screw nut for the welding operation	1	20
GE700Y109	Spanner for tightening the GE700Y108 nut	1	-
GE700Y110	Additional plate for installing onto radiators that have a large space between the elements	1	20
GE700Y801	Welder	1	-

GE700-2



Optical key, for configuring the GE700 heat cost allocators. Can be connected to a USB port, and programmed using specific software for heat cost allocators (GESWY001).

* The code refers to no. 1 user license.

PRODUCT CODE	SIZE		
GE700Y150	optical key	1	-
GESWY001 *	software	1	-

GE552-W

WIRELESS M-BUS CENTRALIZATION

The centralisation of the wireless M-Bus (868 MHz) complies with EN 13757. The consumption data may be sent remotely or in walk-by mode.

REMOTE MODE

The data received by the GE552Y053 is sent to the datalogger GE552Y058, allowing:

- the remote transmission of read data to programmable e-mail addresses;
- the management and display of the data from the PC, smartphone or tablet, through integrated web server if connected to the GSM/GPRS network.

WIRELESS DATALOGGER



M-Bus/M-Bus Wireless datalogger for the collection, processing and recording data originated from M-Bus or Wireless M-Bus devices.

Can manage directly up to 6 local concentrator, max. 500 wired devices and 20 devices directly connected.

Can manage max. 2500 Wireless devices (through GE552Y053 repeater).

PRODUCT CODE		
GE552Y058	1	-

WALK-BY MODE

Data sent to a PC, received by GE552Y043 antenna connected to USB port.

WIRELESS DATA RECEIVE



Wireless data receiver for devices installed on the installation (heat cost allocators, wireless modules for meters). Can be connected to PC via USB port. Flow rate up to 400 m.

The operation is provided by the same software GESWY001 used for heat cost allocators programming.

PRODUCT CODE		
GE552Y043	1	-

WIRELESS SIGNAL REPEATER ANTENNA





Wireless repeater and concentrator to extend the radio flow rate of the devices and for data transmission to the GE552Y058 datalogger.

PRODUCT CODE		
GE552Y053	1	-

Basic units and accessories (boxes, templates, insulations, other components)

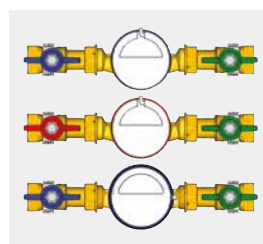
GE550

UNITS FOR DOMESTIC WATER

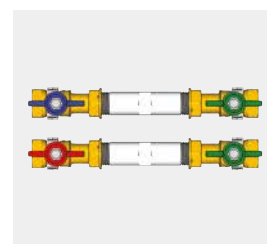
PRODUCT CODE	CONNECTIONS	TYPE OF DOMESTIC WATER	PERMANENT FLOW-RATE m³/h	MAX. WATER TEMPERATURE	WATER METER	COLLARS	UNITS LENGTH mm		
GE550Y004	3/4"	cold	2,5	30 °C	YES	included	262	1	-
GE550Y005	1"	cold	4	30 °C	YES	included	310	1	-
GE550Y014	3/4"	hot	2,5	90 °C	YES	included	262	1	-
GE550Y015	1"	hot	4	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

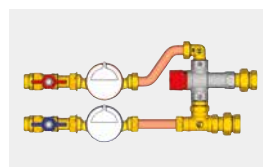
GE550-1

GROUPS FOR DOMESTIC WATER WITH THERMOSTATIC MIXER

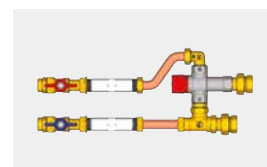
PRODUCT CODE	CONNECTIONS	TYPE OF DOMESTIC WATER	PERMANENT FLOW-RATE m³/h	MAX. WATER TEMPERATURE	WATER METER	COLLARS	UNITS LENGTH mm		
GE550Y024	3/4"	cold + hot	2,5	90 °C (hot side)	YES	included	420	1	-
GE550Y111	3/4"	cold + hot	2,5	90 °C (hot side)	NO	included	420	1	-

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



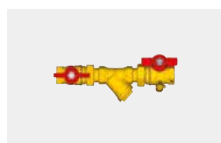
GE550Y111

DELIVERY UNITS

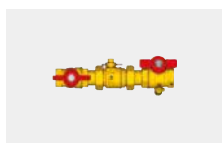
PRODUCT CODE	CONNECTIONS	NOMINAL FLOW-RATE m³/h	ZONE VALVES	BALANCING VALVES	FILTER	COLLARS	UNITS LENGTH mm		
GE550Y121	3/4"	1,5	NO	NO	YES	included	264	1	-
GE550Y122	1"	2,5	NO	NO	YES	included	316	1	-
GE550Y123	3/4"	1,5	2 ways	NO	NO	included	237	1	-
GE550Y124	3/4"	1,5	2 ways	NO	YES	included	320	1	-
GE550Y125	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	-

Delivery metering units for use in heating and/or cooling circuits.

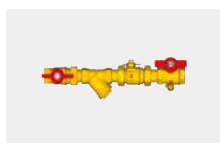
- Shut-off ball valves
- Depending on the version, there are connections of 3/4" or 1", a motorized zone valve, a static balancing valve and a filter
- Max. working temperature: 110 °C
- Max. working pressure: 16 bar



GE550Y121 - GE550Y122



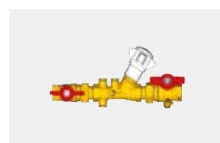
GE550Y123



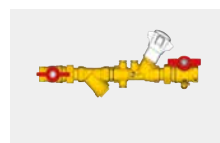
GE550Y124 - GE550Y125



GE550Y135 - GE550Y136



GE550Y137



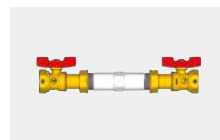
GE550Y138 - GE550Y139

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)



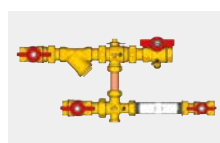
GE550Y129 - GE550Y130

DELIVERY AND RETURN UNITS

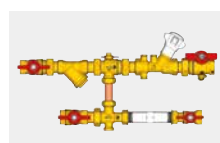
PRODUCT CODE	CONNECTIONS	NOMINAL FLOW-RATE m³/h	ZONE VALVES	BALANCING VALVES	COLLARS	UNITS LENGTH mm	SPACER CENTRE DISTANCE mm		
GE550Y166	3/4"	1,5	3 ways	NO	included	422	110	1	-
GE550Y167	1"	2,5	3 ways	NO	included	491	130	1	-
GE550Y168	3/4"	1,5	3 ways	static	included	453	110	1	-
GE550Y169	1"	2,5	3 ways	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	-

Delivery & return metering units, for use in heating and cooling circuits.

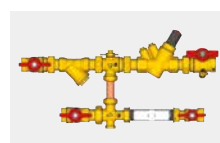
- Shut-off ball valves, may be sealed, can be plumbed
- Filter with basket in stainless steel
- Plastic spacer for installation of thermal energy meter
- Depending on the version, 3/4" and 1" connections, and static or dynamic balancing valves are available
- Max. working temperature: 110 °C (90 °C, with plastic spacer pipe)
- Max. working pressure: 16 bar (10 bar with plastic spacer pipe)



GE550Y166 - GE550Y167



GE550Y168 - GE550Y169



GE550Y170 - GE550Y171

GE551

CABINET



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

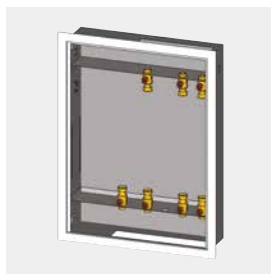
PRODUCT CODE	DIMENSIONS (L x H x D) mm	AREAS FOR UNITS FOR HEAT/ COND.	GUIDES FOR DOMESTIC UNITS		
GE551Y031	750 x 1500 x 190	3÷4	3÷4	1	-
GE551Y038	500 x 500 x 110	1	2	1	-
GE551Y039	600 x 600 x 110	1	3	1	-
GE551Y040	600 x 1100 x 110	2	6	1	-

GE551-2

TEMPLATES FOR STANDARD HIUS, GE556



GE551Y072 EXTERNAL

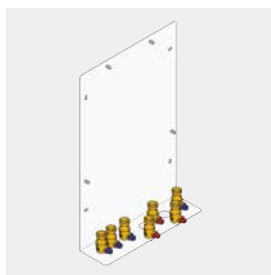


GE551Y073 FLUSH-MOUNTING

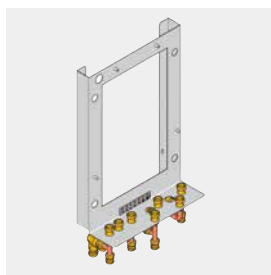
Template for installation at the worksite of GE556 HIUs.
Completed with shut-off valves.

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE		
GE551Y072	3/4"	560 x 570 x 165	7	1	-
GE551Y073	3/4"	570 x 770 x 165	7	1	-

TEMPLATES FOR HIU WITH DOUBLE EXCHANGER, GE556-1



GE551Y081 - GE551Y083



GE551Y082 - GE551Y084

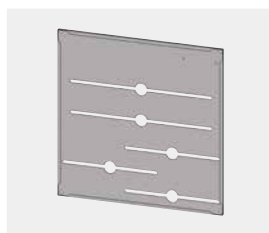
Template for installation at the worksite of GE556-1 HIUs.
Completed with shut-off valves.

GE551Y083, GE551Y084: with connection from above (on the back side of the template).

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE		
GE551Y081	3/4"	450 x 720 x 150	4	1	-
GE551Y082	3/4"	450 x 720 x 150	7	1	-
GE551Y083	Ø22	450 x 800 x 185	4	1	-
GE551Y084	Ø22	450 x 800 x 185	7	1	-

GE551-1

FRAMES

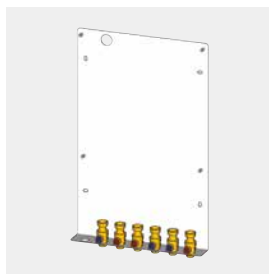


Electro-galvanised metallic frame pre-arranged for the installation of metering units for heating and/or cooling, and units for domestic and/or service water.

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	-

TEMPLATES

TEMPLATES FOR HIU WITH ELECTRONIC REGULATION, GE556-2



Template for installation at the worksite of GE556-2 HIUs. Completed with shut-off valves.

PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE		
GE551Y074	3/4"	450 x 720 x 95	7	1	-

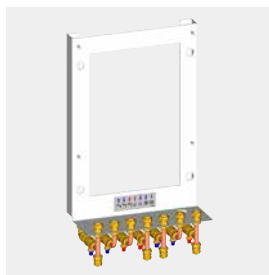
TEMPLATES FOR HIU WITH DIFFERENTIAL PRESSURE CONTROL VALVE, GE556-4



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	3/4"	450 x 292 x 95	7	1	-

TEMPLATES FOR HIU WITH ELECTRONIC REGULATION AND DOUBLE EXCHANGER, GE556-6



Template for installation at the worksite of GE556-6 HIUs. Completed with shut-off valves.

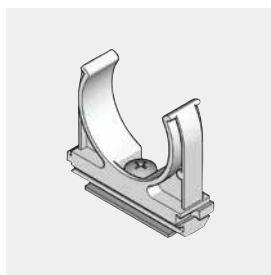
GE551Y085: with connection from above (on the back side of the template).

GE551Y086: with connection from below.



PRODUCT CODE	CONNECTIONS	DIMENSIONS (L x H x D) mm	NO. OF SHUT-OFF VALVE		
GE551Y085	Ø22	458 x 792 x 218	7	1	-
GE551Y086	3/4"	456 x 60 x 159	7		

GE551-3

COLLARS



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



GE551Y171

Insulation for the heating and/or cooling delivery unit GE550Y136.

PRODUCT CODE	DIMENSIONS		
GE551Y171	450 x 250 x 90 mm	1	-



GE551Y179



Insulation for metering units GE550-3 with 70 mm centre distance (codes GE550Y112, GE550Y113, GE550Y114, GE550Y116, GE550Y117, GE550Y144, GE550Y146, GE550Y147).

PRODUCT CODE	DIMENSIONS		
GE551Y179	300 x 110 x 80 mm	1	-



GE551Y173


Insulation for Domestic water meter, GE552-2 series, only for 3/4" sizes.

PRODUCT CODE	DIMENSIONS		
GE551Y173	170 x 90 x 65 mm	1	-



GE551Y180



Insulation for HIUs GE556Y176, GE556Y177.

PRODUCT CODE	DIMENSIONS		
GE551Y180	300 x 430 x 100 mm	1	-



GE551Y177



Insulation for the GE555Y461 module and heating and/or cooling delivery and return unit GE550Y166.

PRODUCT CODE	DIMENSIONS		
GE551Y177	465 x 125 x 90 mm	1	-



GE551Y182


Insulation for user module GE555Y472.

PRODUCT CODE	DIMENSIONS		
GE551Y182	-	1	-



GE551Y178

Insulation for the GE555Y462, GE555Y463, GE555Y468, GE555Y469 modules and heating and/or cooling delivery units GE550Y167, GE555Y168, GE555Y169, GE555Y170, GE555Y171.

PRODUCT CODE	DIMENSIONS		
GE551Y178	530 x 250 x 90 mm	1	-

															
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