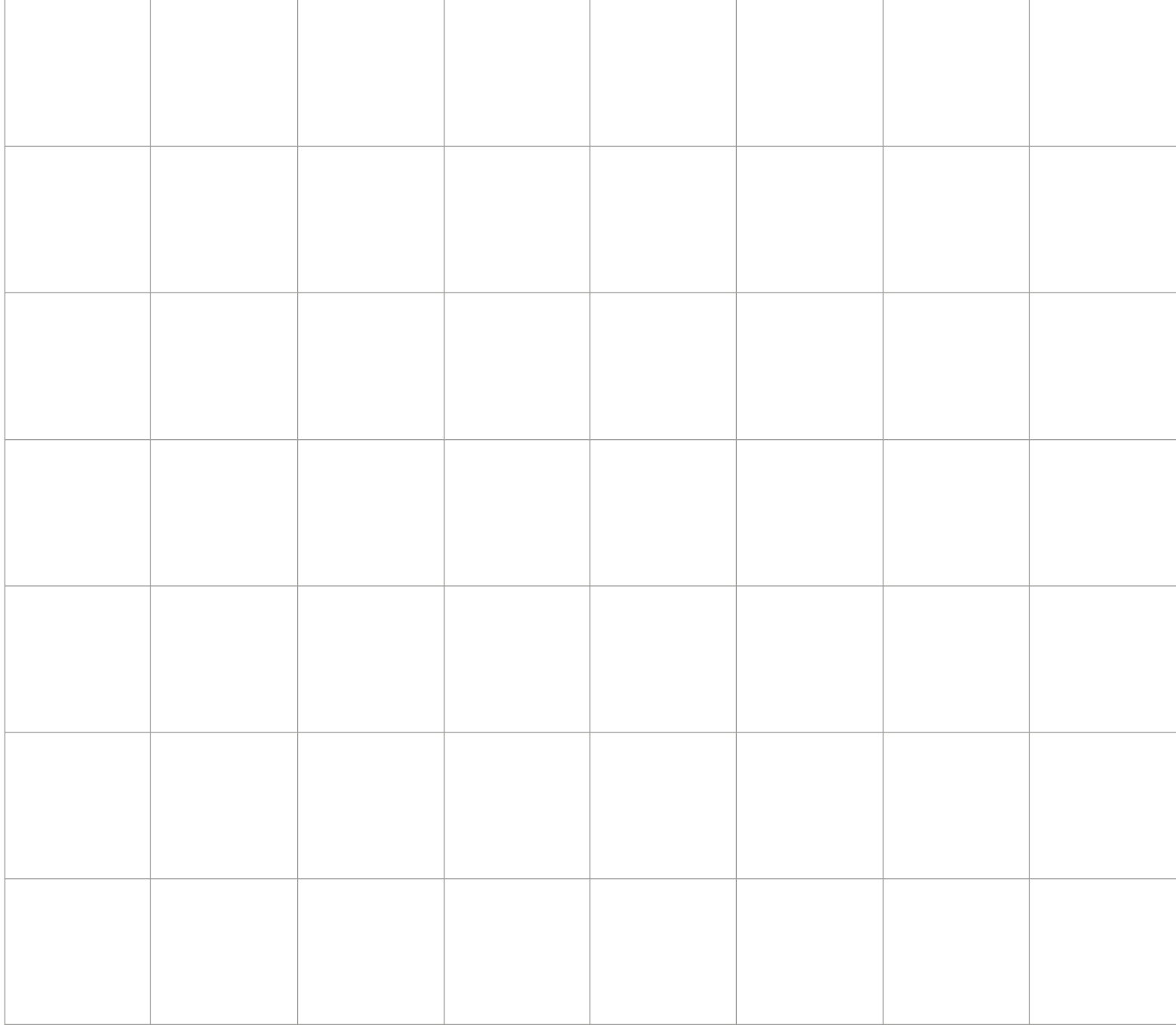




# NEW PRODUCTS

## R468H

Thermostatic head with liquid sensor, valve body connection M30×1,5 mm.  
 Adjustment positions from ❄️ to ☀️, corresponding to a temperature range of 8 ÷ 28 °C.  
 Position 0 for shut-off function.  
 Possibility to lock or slice the opening and/or closure with the limiter ring supplied. Suitable for Giacomini **H series** valves with thermostatic option.  
 Temperature range in combination with valve bodies: 5 ÷ 110 °C.  
 Working pressure in combination with 10 bar valve bodies.  
 KEYMARK – TELL certification energy class A.  
 Numbering in Braille, enabling blind and/or visually impaired people to operate it.



Thermostatic head

ENERGY  
MANAGEMENT

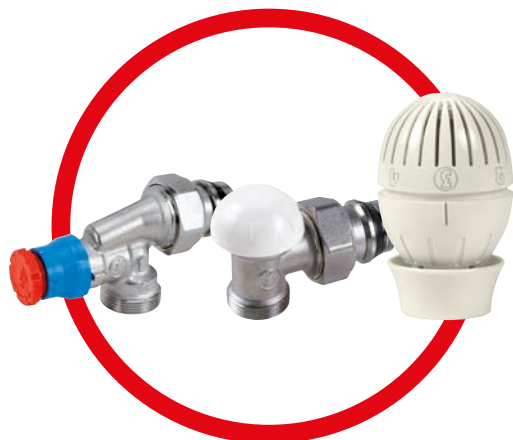
## K470H

Chronothermostatic radiator head.  
 Adaptor kit for assembly on **TG** or **H series** Giacomini valve bodies.  
 Function keys, wheel selector and LCD display for easy menu navigation. The menu is used to programme the chronothermostat and select the different operating modes. 4 different daily settings.  
 Serial port to **K471** programmer proprietary interface and protocol.  
 Power supply 2 batteries 1,5 V AA format.  
 Protection degree IP30. Working temperature 0 ÷ 50 °C. Storage temperature -20 ÷ 70 °C.  
 White ABS surface. Size (W×H×D) 52×65×83 mm.  
 Compliant with Directive 2004/108/CE.



Chronothermostat  
for radiator

ENERGY  
MANAGEMENT



## R415X033 or R415X042, R14X033 or R29X033, R470X001

New thermostatic kit with coaxial valve, thermostatic option. The kit offers the following advantages to the installer:

- a pipe can be run to the lock-shield valve both from the floor and from the wall
- moreover, by using a coaxial valve, temperature control can be provided by means of the **R470** valve that does not protrude from the radiator, but is axial in position.



## R206A, R206B and R206C

**R206A** · Dynamic balancing valve capable of maintaining a standard flow with changing operating conditions of the hydraulic circuit.

**R206B** · Static balancing valve capable of regulating flow in a very accurate way. The product is based on the same principle of a Venturi flow meter and is built-in in the valve body.

**R206C** · Differential pressure regulation valve capable of maintaining the pressure constant between two given points of a hydraulic circuit. The **R206C** valve is usually fitted in combination with the **R206B** valve. The latter enables flow regulation of the fluid flowing through the circuit controlled by the regulator.

## R274

Six-way zone valve, capable of managing the feeding of a system from two different sources of thermal energy. It is primarily used in systems where two different sources need to be managed at the same time, such as 4-pipe systems that are mainly used in radiant ceiling systems with dual cooling and heating. Moreover, apart from managing the energy source, the valve enables zone shut-off. Available with threaded connections (sizes from 1/2" to 1") and with different calibrated orifice kits depending on required flow. The valve must be installed in combination with the new **K274** rotary actuator in order to operate correctly; the new motor supports different control logics and is compatible with Giacomini regulation.



Six-way zone valve

ENERGY  
MANAGEMENT

## R60

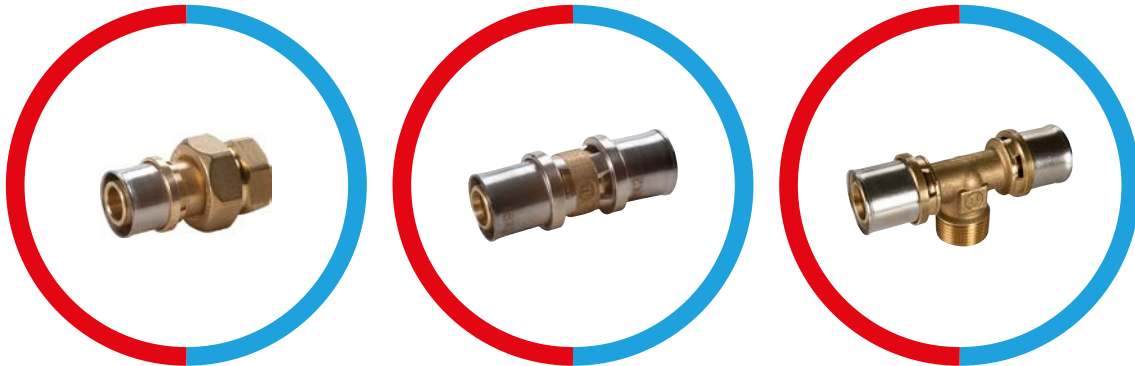
Metallic disc check valve with NBR seals that can regulate flow in a single direction. Thanks to its metallic disc, the new series supports greater working pressures and temperatures compared with standard valves equipped with a plastic check. Full range available, with female connections, in sizes from 3/8" to 4". Max. working temperature 110 °C , max. working pressure between 12 bar and 35 bar depending on size.



Metallic disc  
check valve

ENERGY  
MANAGEMENT

## Large size RM



**RM range** mechanical press fittings are the evolution of the previous RP range.

Their main features are:

- improved seal performance, thanks to a new profile
- the possibility to press with various types of tongs (multi-tongs fitting, TH and U profiles for 40 and 50 cross-section, TH profile for 63 cross-section)
- the possibility to use it in hot and cold sanitary water or heating systems.

The wide range of figures and sizes available solves every possible construction site problem with traditional or collector-type distribution, depending on needs dictated by space limits and technical or economic choices, using Pe-X, Pb or multilayer pipes.

The fittings are designed and produced with extreme care to ensure they are fully reliable and to make sure the installer's work is easy and completely safe.

The special features include:

- the stainless steel bush with its counter-sink to facilitate pipe insertion
- the bush retainer ring for visually checking that the pipe is correctly and fully inserted (fundamental for guaranteeing a reliable connection)
- the divider for multilayer pipe joints (otherwise, the aluminium film could damage the connection fittings as a result of electro-chemical type reactions).

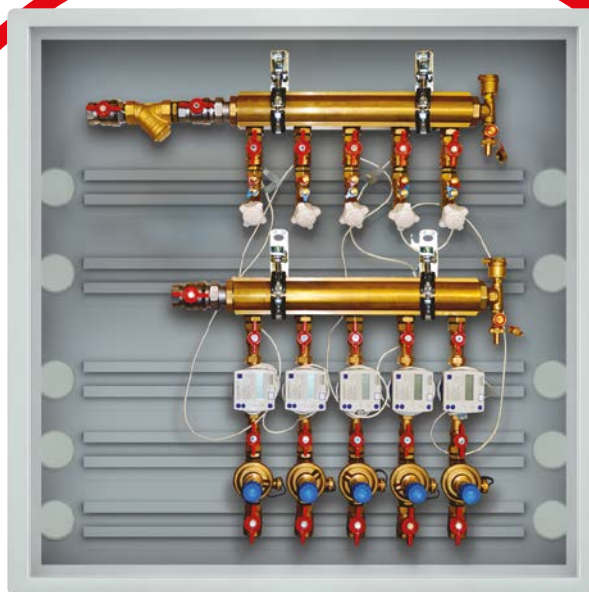
The fittings are supplied fully assembled and packed in boxes. Relevant pipe size is clearly marked on the bush.

Technical data:

- temperature range: 5 ÷ 110 °C
- max. working pressure: 10 bar



GE550Y172-3-4-5-6  
 GE550Y182-3-4-5-6  
 GE550Y192-3-4-5-6



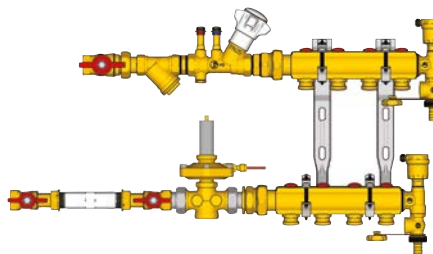
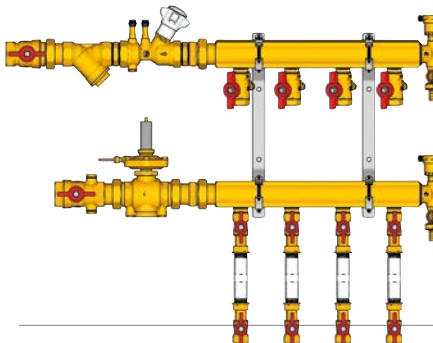
Multi-user module

Multi-user module for heating and air conditioning systems:

- Filter
- Static balancing valve
- Differential pressure control
- Pre-fitted for **GE552** meters
- Distribution manifolds with automatic vent and drain cock

Available in three versions to satisfy any system requirement

- **GE550Y172-3-4-5-6**
- **GE550Y182-3-4-5-6**
- **GE550Y192-3-4-5-6**





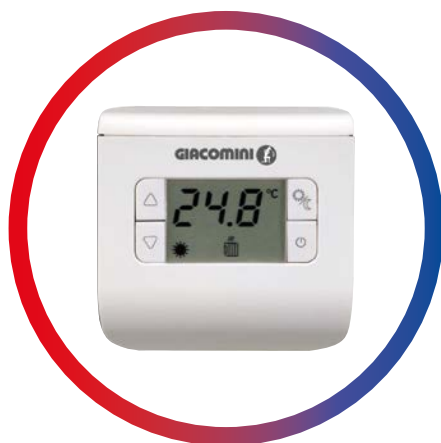
## R146M

Dirt separator for separating and eliminating impurities from the hydraulic circuit; magnet-enhanced.

This range of dirt separators houses a special in-built permanent magnet capable of withstanding extremely high temperatures and placed in direct contact with the flow, which can substantially increase the product effectiveness.

The magnet, which can be easily removed for filter cleaning operations, can be fitted as an update kit to all Giacomini **R146D** range dirt separators with threaded connections.

Available with female threaded connections in sizes from 3/4" to 2".



## K494

Digital electronic thermostat for controlling heating and cooling systems.

Protruding wall-mounting. Technical data:

- max. ambient temperature 45 °C
- powered with 2 AAA 1,5 V alkaline long-life batteries
- battery life beyond 2 years
- low battery indicator
- contact rating 5(3)A, 250 Vca.
- micro disconnection 1B.
- protection degree: IP20
- large display with graphic icons linked to front buttons for operating mode selection
- temperature display in either Celsius or Fahrenheit
- voltage-free switching contact.





## KMP30, KPM35, KD201, K492B, K463 and K465



- **KMP30** - Control module for heating and cooling systems. With built-in display panel for system monitoring, configuration and management. 24 Vac power supply, 6 DIN modules size. Possibility of regulating mixing valve, circulator and voltage-free contact outputs. Optional connection with **KD201** remote terminal. Can be connected, via field bus, to **KPM35** input/output expansion modules and **K492B** and **K495B/L** room sensors. CE certification.

- **KPM35** - Input/output expansion module for
- **KMP30** or **KPM31** control module. Voltage-free contacts outputs with possibility of controlling electrical actuators, zone valve servomotors or dehumidification/integration air treatment systems. 24 Vac power supply, 4 DIN modules size. CE certification.

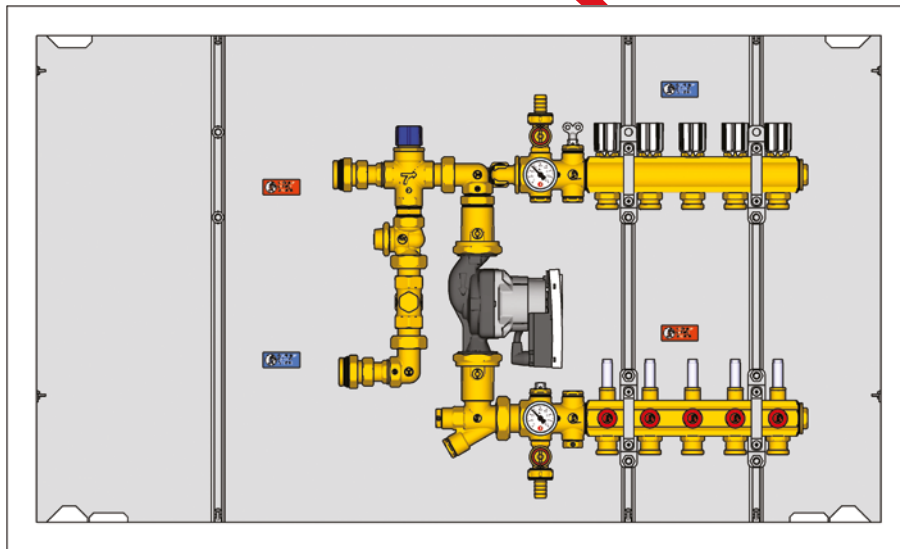
- **KD201Y001** - Semi-graphic terminal with keyboard
- for system monitoring, configuration and management. LCD semi-graphic display, with white back-lighting. To be used in combination with the **KMP30** or **KPM31** control module. Directly powered from the control module; wall-mounted in 3-module 503 box for domestic applications. CE certification.

- **K492BY002** - Room thermostat with back-lit display and local interface for regulating ambient temperature and humidity. To be used with bus connection to the **KMP30** or **KPM31** control module. 230 Vac power supply, Modbus RTU slave communication over RS485. Recessed-mounted in round box for domestic applications. CE certification.

- **K463** - Passive delivery temperature immersion probe; measuring range -50/105 °C. Cable length 6 m, bulb cross-section 6 mm. To be used in combination with the **KMP30** or **KPM31** control module.

- **K465** - Passive external temperature probe; measuring range -50/105 °C; IP 68 protection class casing. To be used in combination with the **KMP30** or **KPM31** control module.

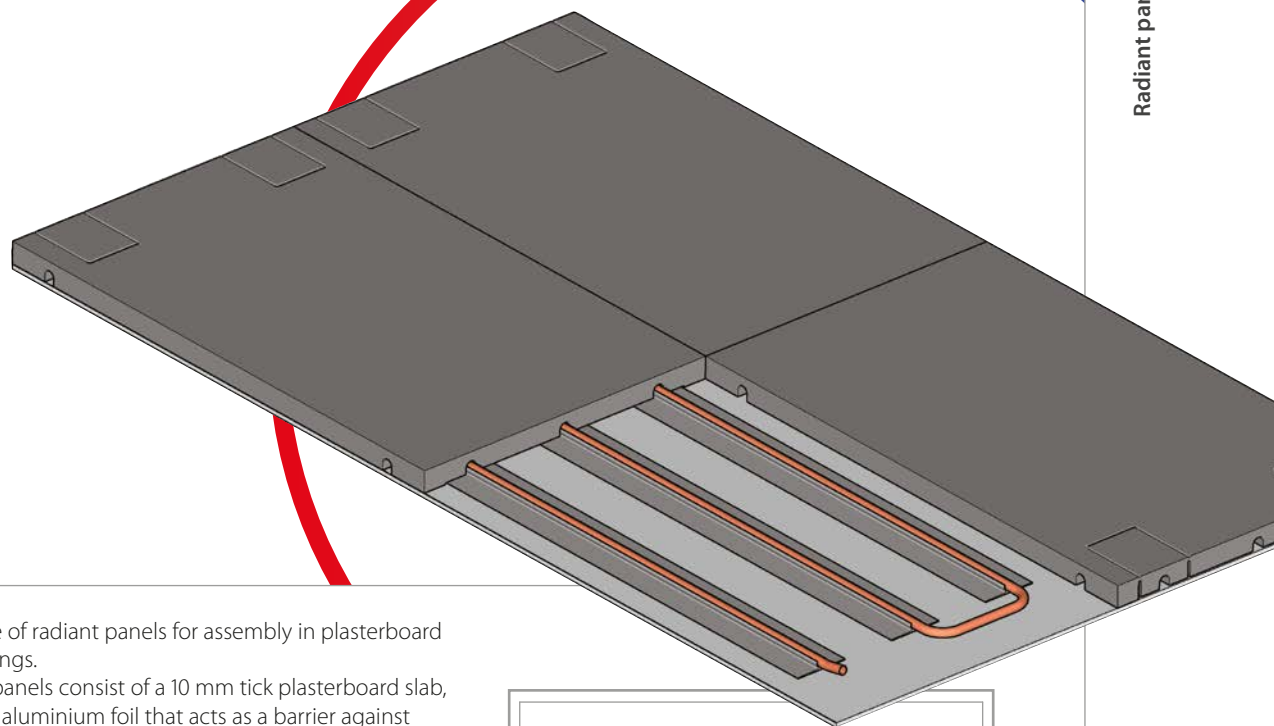




The **R559N** group is used for heating and cooling regulation in mixed systems. The group is equipped with low-temperature distribution manifolds, whereas high-temperature manifolds need to be ordered separately. The circulator is self-modulating and compliant with Directive ErP 2009/125/CE. Temperature control is electronic, with a **K281** or a **K282** motor, managed by the new Giacomini bus thermoregulation. Each **KPM30** control unit, to be ordered separately, can manage up to 2 **R559N** at the same time. Complete with fill/drain cocks, air vents flow and return thermometers. A key feature of the **R559N** group is its compact size: it is 110 mm thick and 605 tall.

- Technical data
- Temperature range: 5-110 °C
  - Max. working pressure: 10 bar
  - Connections: 1"
  - Self-modulating circulator, complying with ErP 2009/125/CE Directive
  - Cabinet thickness: 110 mm
  - Cabinet height: 605 mm

## GKC



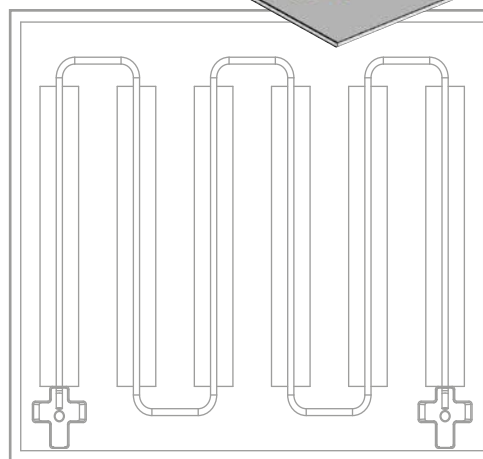
Radiant panels

**GKC** range of radiant panels for assembly in plasterboard false ceilings.

Radiant panels consist of a 10 mm thick plasterboard slab, a 0,1 mm aluminium foil that acts as a barrier against steam and a 40 mm insulating layer in EPS 150 with graphite.

Radiant panels are available in the following sizes:

- 1200×2000×50 mm  
Surface 2,4 m<sup>2</sup> radiant
- 1200×1000×50 mm  
Surface 1,2 m<sup>2</sup> radiant
- 600×2000×50 mm  
Surface 1,2 m<sup>2</sup> radiant
- 1200×2000×50 mm  
Surface 2,4 m<sup>2</sup> base (EPS insulation)



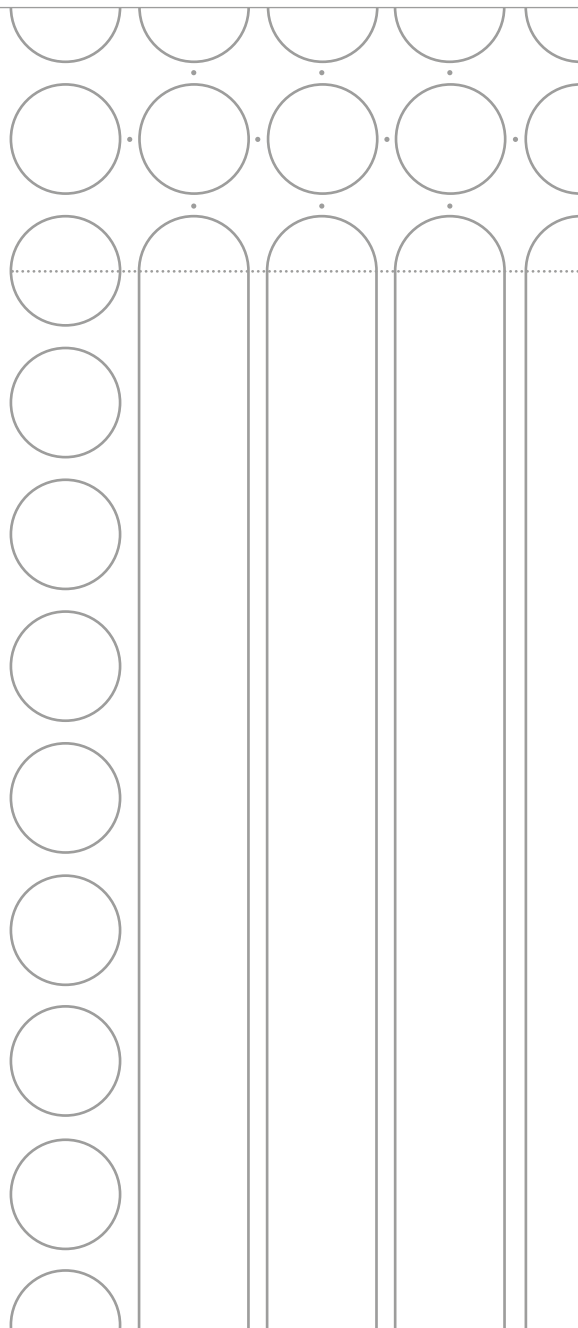
RADIANT SYSTEMS



R883F



Plaster fiber panel system characterised by reduced height and low specific weight: both features can be handy for renovation projects or in specific situations, such as installation in mezzanine or attic spaces. The system requires laying an approx. 3 mm-thick self-levelling screed. The panel - 18 mm thick overall - is milled so that a PBT pipe from 12 x 1,5 mm can be housed within it.



## R153C, R153P and R153M

**R153C** · Valve for regulating and stabilising pressure within a hydraulic circuit.

PN16 piston compact model with adjustable outlet pressure and compensated seat, nickel-plated brass body with bottom manometer connection; piston in high-temperature resistant technopolymer, available in sizes 1/2" and 3/4" with female connections.

**R153P** · Valve for regulating and stabilising pressure within a hydraulic circuit.

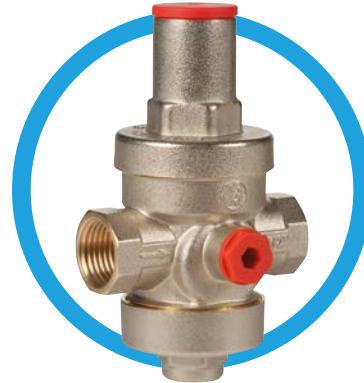
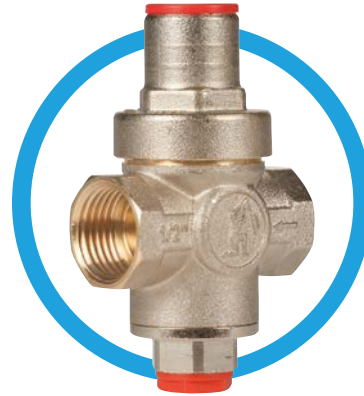
PN25 piston model with adjustable outlet pressure and stainless steel compensated seat, nickel-plated brass body with bottom manometer connection; piston in high-temperature resistant technopolymer, available in sizes from 1/2" to 2", female connections.

Compliant with SHW regulations

**R153M** · Valve for regulating and stabilising pressure within a hydraulic circuit.

PN25 membrane model with adjustable outlet pressure and stainless steel compensated seat, DZR brass body, reinforced EPDM membrane capable of delivering an optimally stable outlet pressure value; available in sizes from 1/2" to 2", female connections.

Compliant with SHW and WRAS regulations.



## R580C and R585C



Giacomini long-standing expertise in forging brass has enabled the creation of modular manifolds for sanitary and heating systems.

Their key features are ease of use and versatility.

The two-, three- or four-connection components can be linked with each other in an easy, convenient way, thanks to threaded head fittings, to create multi-outlet manifolds.

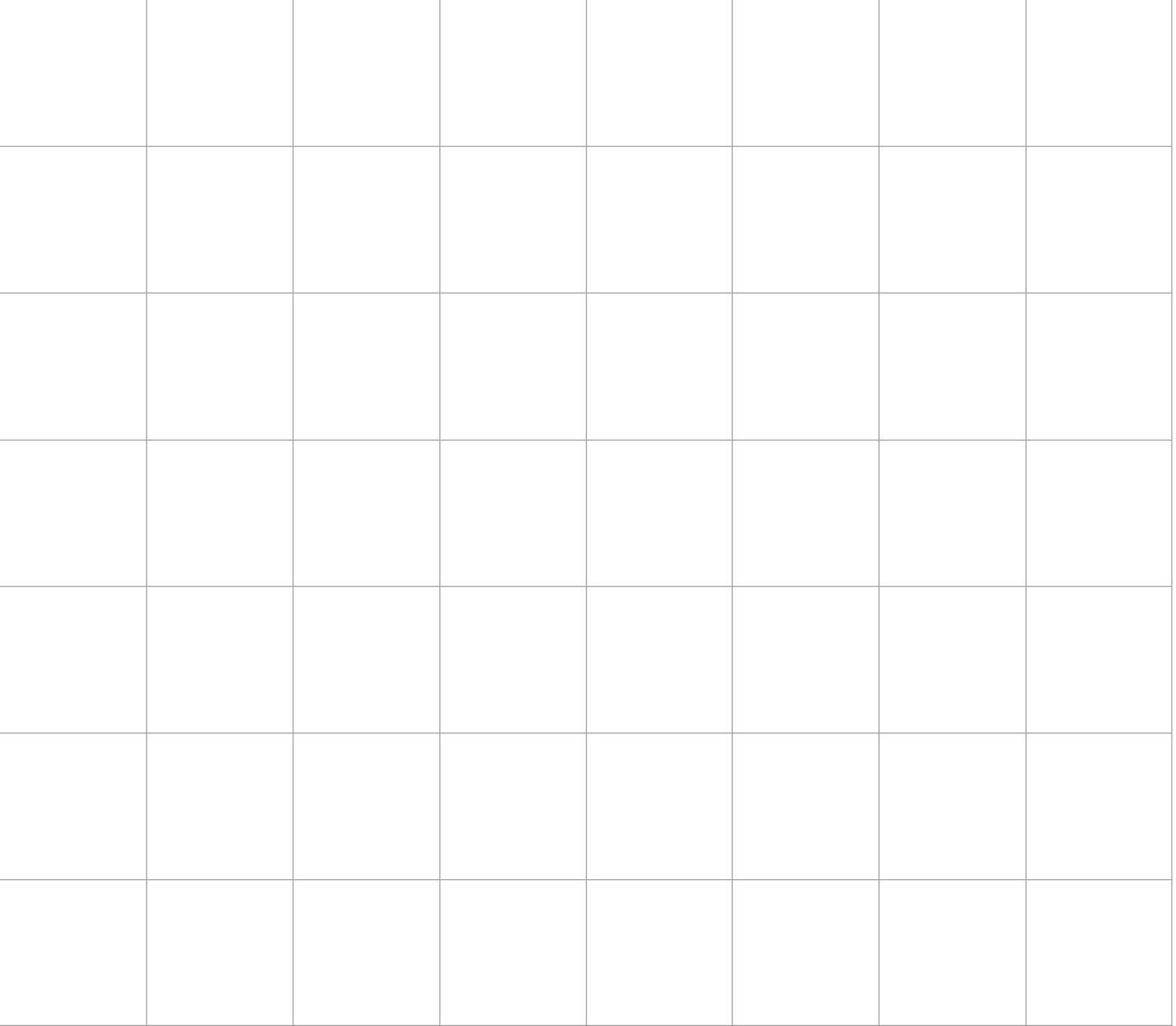
The manifolds are not chrome or nichel-plated, in order to comply with the most recent European Directives on drinking water supply and health protection.

They are available in a number of versions:

- simple, with straight fittings
- with shut-off cocks (white knobs with a customizable red or blue disc) inclined connections.

All product families are available in 2 or 4 outlet versions with G 3/4" main connections and derivative connections from G 1/2" male or with G 1" connections and Eurokonus derivative connections.





## New products

- R468H
- K470H
- New thermostatic kit
- R206A, R206B and R206C
- R274
- R60
- Large size RM
- Multi-user module
- R146M
- K494
- New thermoregulation
- R559N
- GKC
- R883F
- R153C, R153P and R153M
- R580C and R585C



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WATER E-MOTION

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