

## R587B

### COMPACT MANIFOLD



**R587B**

### Description

R587B compact manifold is used to distribute sanitary water and to supply radiator-heating systems. Its compact and depth space-saving design allows an easy installation also on thin walls.

### Features

R587B consists of two drawn bars in special brass functioning as supply and return manifold, connected by means of glued cross-sections and O-ring seals and allowing a right-to-left flow passage. Moreover, it is equipped with alternate supply and return connections on each side.

One-piece construction, compact design and absence of joints along the main flow direction (it must be taken into account that a high number of connections imply a loss of stiffness, thus requiring more fixing elements) are the core features of this manifold.

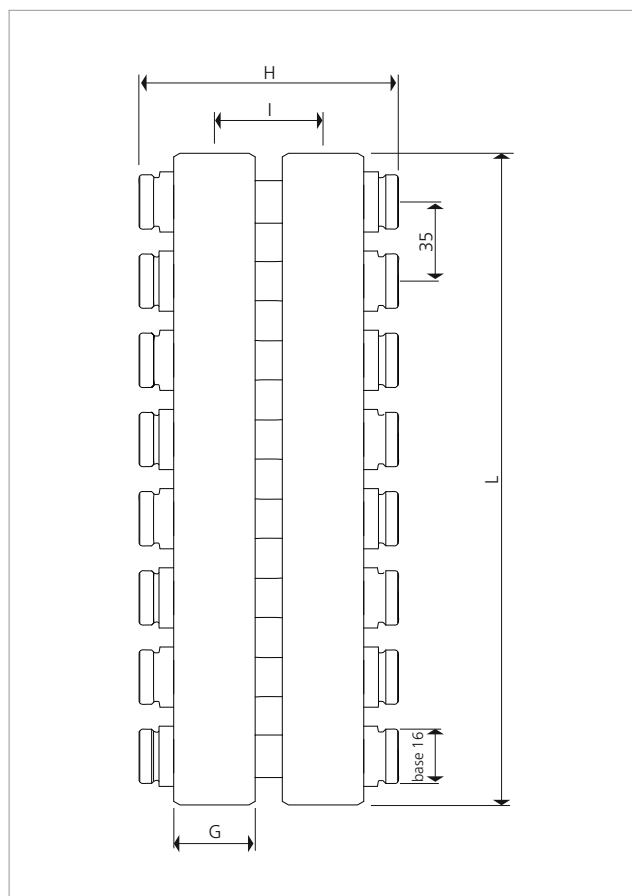
Before being introduced into the market, R587B compact manifolds undergo a pressure test, in order to guarantee the total efficiency of the product.

The manifold is equipped with 3/4" and 1" and base 16 couplings allowing to connect, by means of R178 or R179 adaptors, copper pipes with external diameter up to 16 mm or plastic pipes with external diameters up to 20 mm. If pipes with larger diameter have to be connected, the coupling base can be increased using R178R 16x18 special fittings.

Max. operating pressure: 1,6 MPa (16 bar)

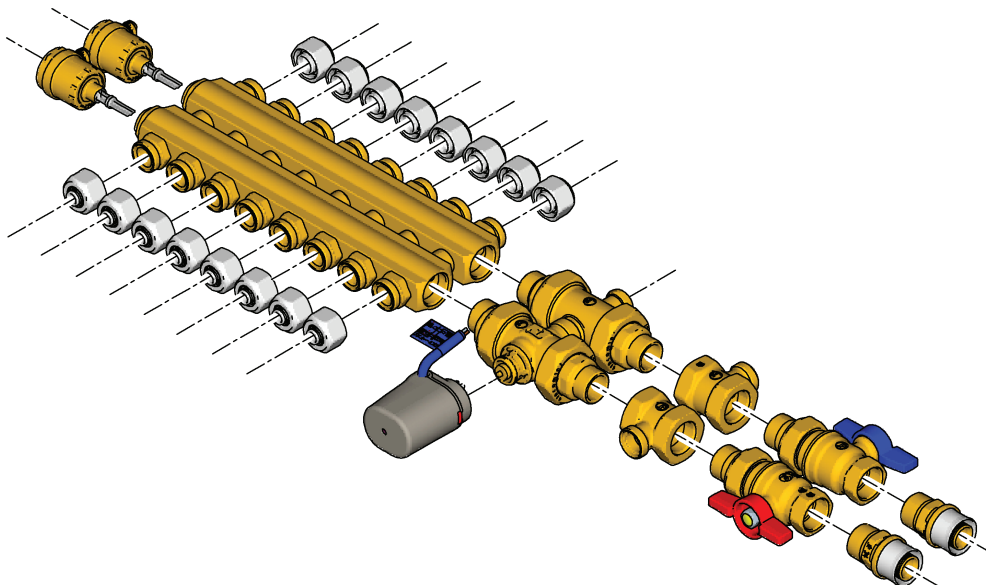
Max. operating temperature: 110°C

### Sizes

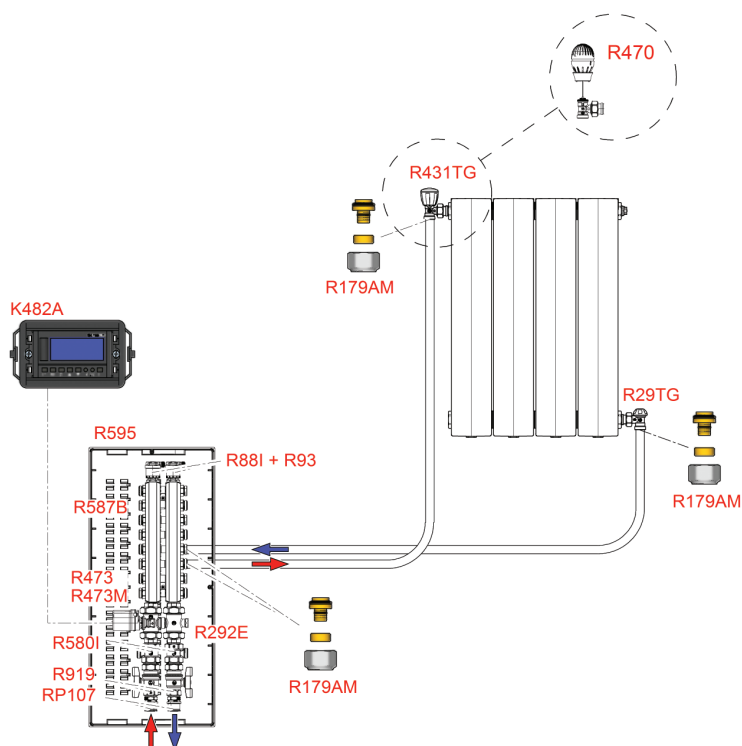


Product code	Number of couplings	G	I	H	L
R587BY001	2+2	3/4"	48	115	78
R587BY002	4+4	3/4"	48	115	148
R587BY003	6+6	3/4"	48	115	218
R587BY004	8+8	3/4"	48	115	288
R587BY011	2+2	1"	55	128	82
R587BY012	4+4	1"	55	128	152
R587BY013	6+6	1"	55	128	222
R587BY014	8+8	1"	55	128	292

## Installation



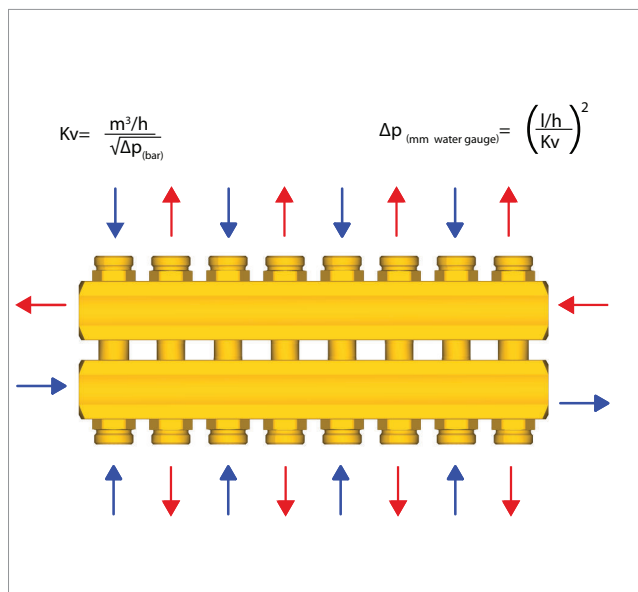
R587B manifold is usually mounted on radiator-heating systems. Besides the ball shut-off valves, installation consists of air-vent automatic valves, a 3-way zone valve, adaptors for pipes, connecting the system to the heating elements and, if required, a unit, upstream to the zone valve.



## Balancing

This kind of manifold does not include adjustment elements. Therefore, the adjustment of each circuit, is required to be done by means of the radiator lockshield. A coloured tag to quickly identify the supply and return circuit labels R587B compact manifold packing.

## Pressure losses



Product code	Size	K <sub>v</sub>
R587BY001	3/4"x16	4,1
R587BY002	3/4"x16	5,55
R587BY003	3/4"x16	5,83
R587BY004	3/4"x16	5,88

Product code	Size	K <sub>v</sub>
R587BY011	1"x16	4,54
R587BY012	1"x16	6,77
R587BY013	1"x16	7,20
R587BY014	1"x16	7,55

Kv coefficient tables refer to the case in which water is drained from manifolds and then returned to the connections, which the manifold is equipped with.

## Technical specifications texts

Compact manifold to distribute sanitary water and to supply radiator-heating systems. Body in special brass according to Law Decree no. 174 , dated 06-04-2004, and to DIN 50930-6 standard.

3/4" and 1" connections, base 16 units, distance between centres 35 mm.

Max. operating pressure: 16 bar. Max. operating temperature: 110°C.

## Additional information

For additional information please check the Giacomini website at the following address: [www.giacomini.com](http://www.giacomini.com)

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