R586SEP

Boiler room manifold with hydraulic separator function

Energy Management

Datasheet
0870EN 12/2023

The R586SEP boiler room manifold is a steel multi-function device including outlets for the primary and secondary circuits, automatic air vent valve, drain cock and insulation shell.
It is generally used in boiler rooms of heating and cooling systems featuring multiple regulation zones.
The boiler room manifold allows for easy installation of two or three R586R distribution units, based on the version.
Its modular design enables to install two boiler room manifolds in series and in turn up to six R586R distribution units, thus satisfying the requirements of large installations.
[illegible]
primary and secondary circuits.

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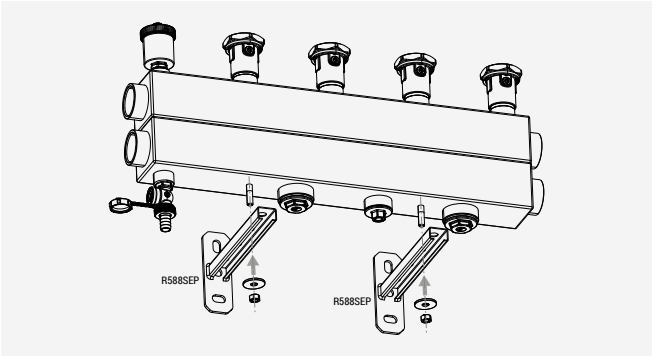
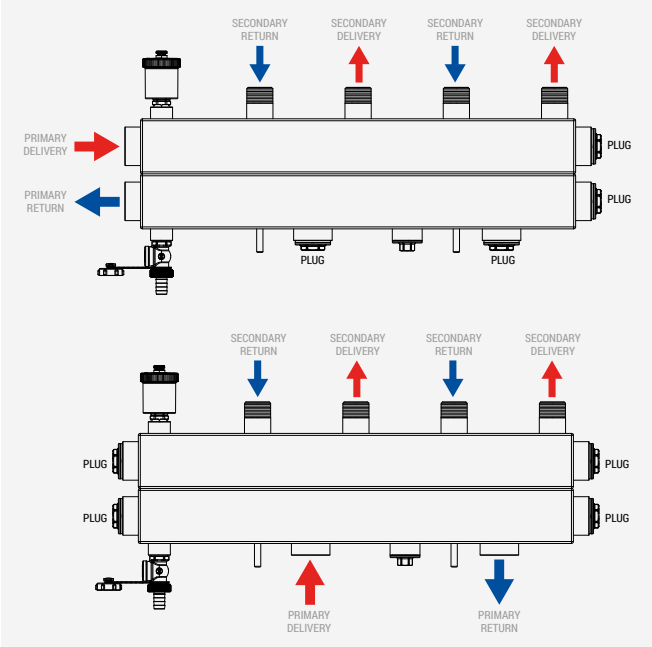
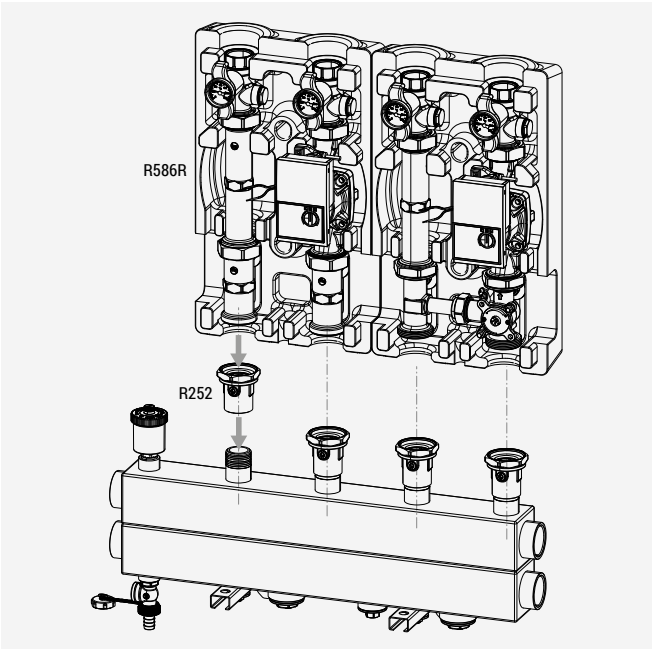
Installation



Boiler room manifolds can be installed on the special
threaded pins on the lower side.
the type of wall and equipment weight.



It's also possible to choose the inlet direction of the primary circuit pipes, from left or right side of the manifold, but also from the lower side by using the two lower outlets originally equipped with a plug.



III
distribution units, can be installed on the secondary circuit outlets.

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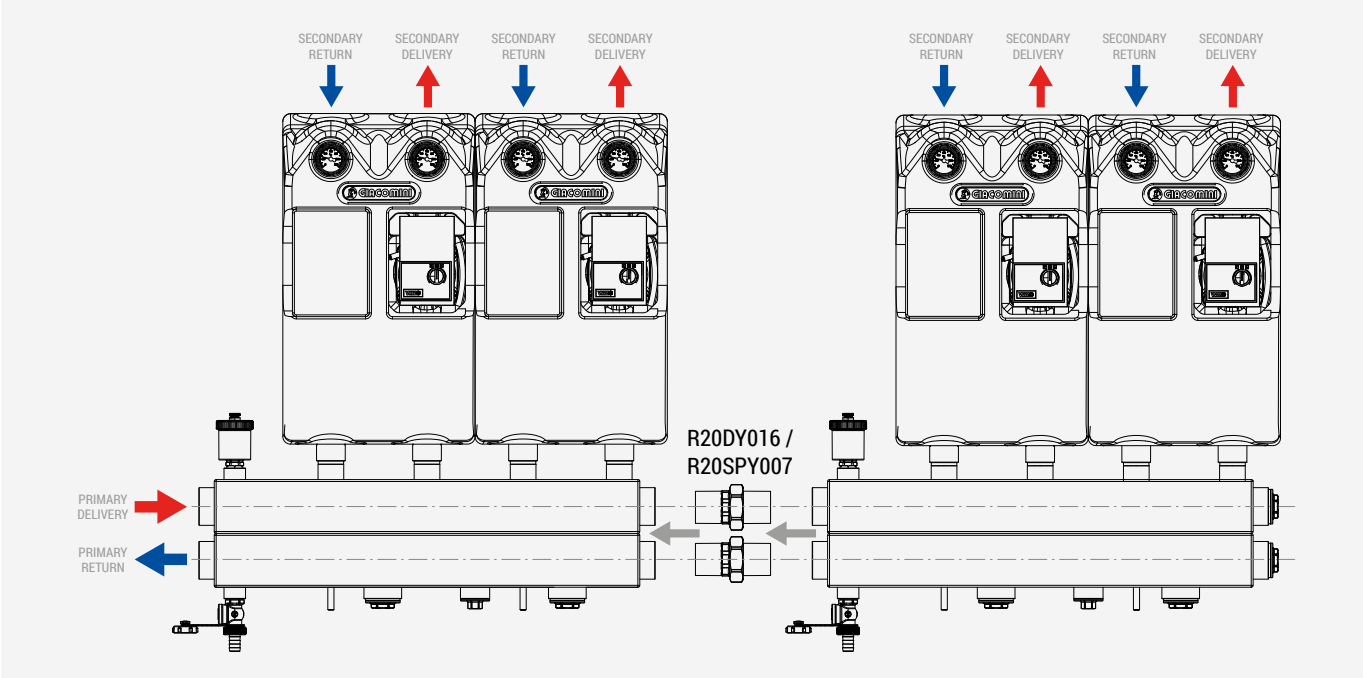
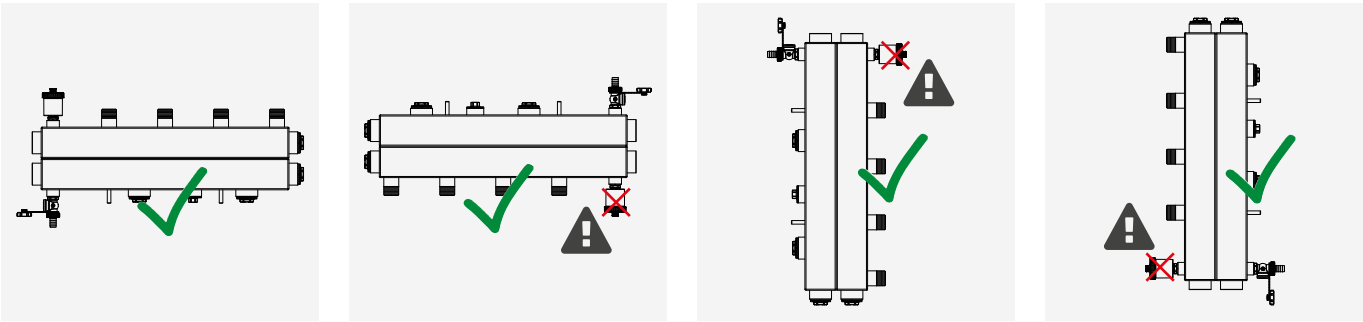
The modular design enables to install two R586SEP manifolds in series so that up to six R586R distribution units can be installed; this is the ideal solution for large installations with proper balancing.



⚠ **WARNING.** The power available on the primary circuit (P1max) will be the same given in the "Performance" table, even when installing multiple R586SEP boiler room manifolds in series.

The R586SEP boiler room manifold can be installed in any position, both vertically and horizontally.



⚠ **WARNING.** For vertical or upside down installations, do not install the air vent valve; replace it with a 1/2"M plug if necessary.

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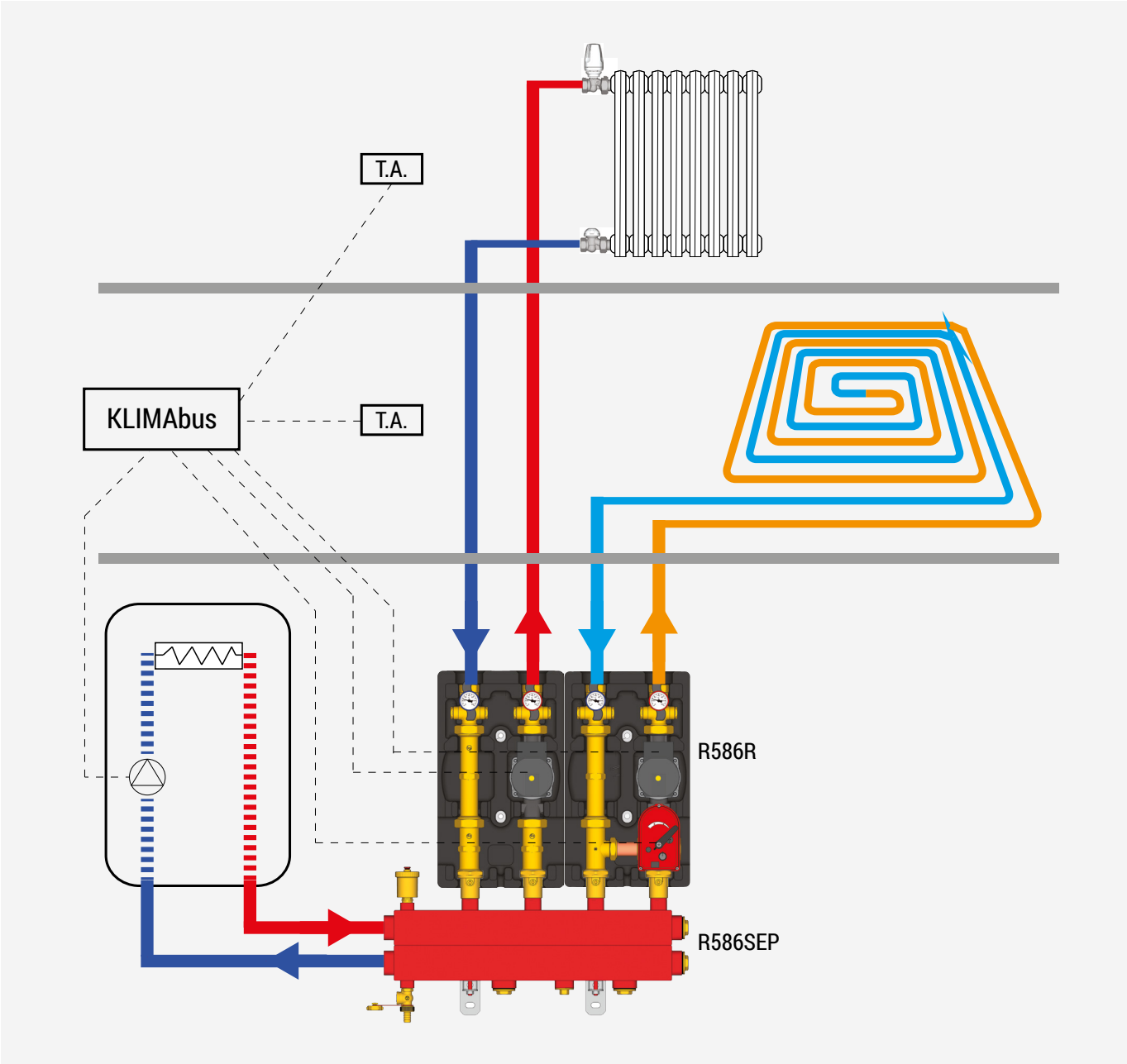
Example of application diagram

Application diagram for heating-only system with R586SEP complete of R586R without mixing for high-temperature thermoregulation.



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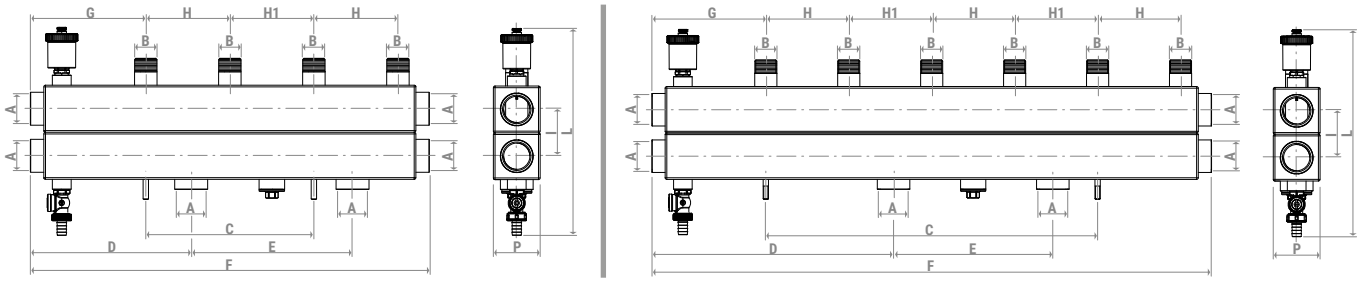
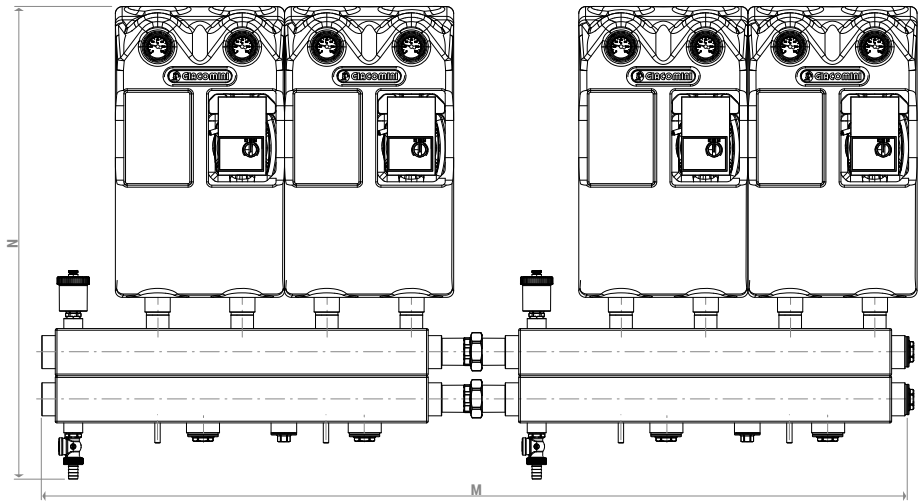
Dimensions



PRODUCT CODE	A [inch.]	B [inch.]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	H1 [mm]	I [mm]	L [mm]	P [mm]
R586SEY02	G 1-1/4"F	G 1"M	250	238	240	595	172	125	125	70	310	120
R586SEY03	G 1-1/4"F	G 1"M	500	363	240	845	172	125	125	70	310	120
R586SEY12	G 1-1/2"F	G 1-1/4"M	279	264	260	640	175	125	154	80	330	130
R586SEY13	G 1-1/2"F	G 1-1/4"M	558	382	260	919	175	125	154	80	330	130



PRODUCT CODE	M [mm]	N [mm]
R586SEY02 + R586SEY02 + R586R units	1295	700
R586SEY12 + R586SEY12 + R586R units	1330	750

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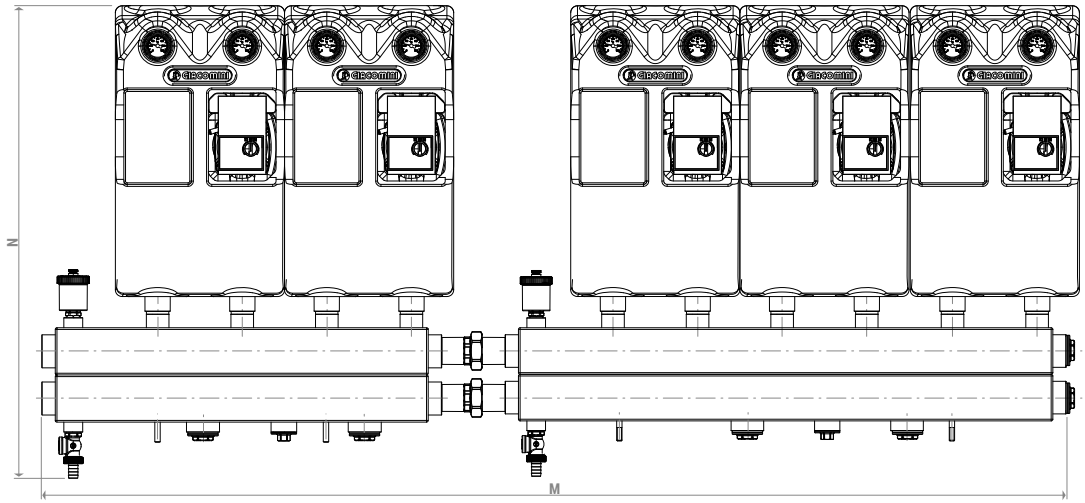
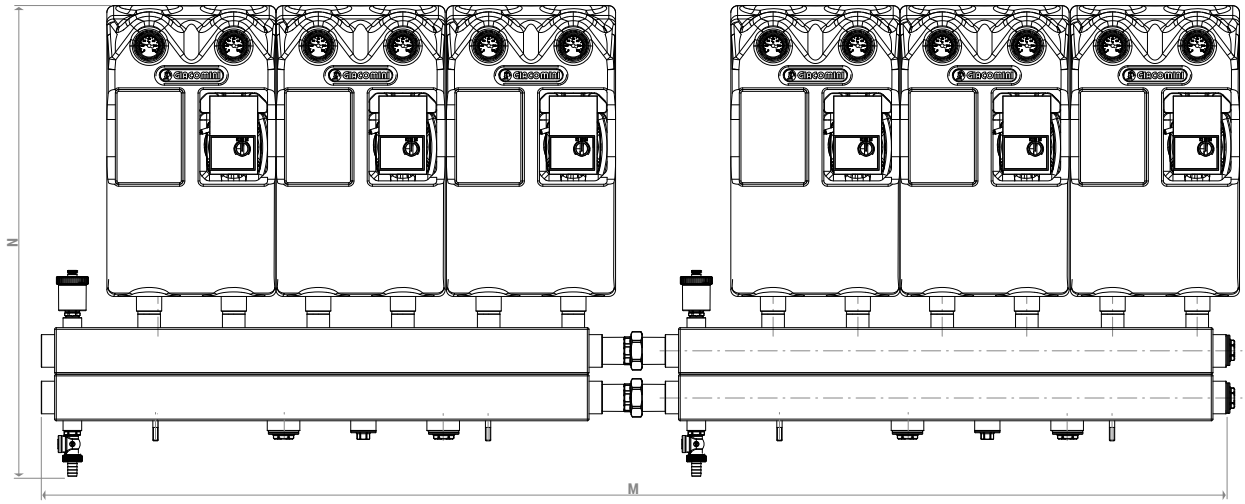


PRODUCT CODE	M [mm]	N [mm]
R586SEY02 + R586SEY03 + R586R units	1545	700
R586SEY12 + R586SEY13 + R586R units	1610	750



PRODUCT CODE	M [mm]	N [mm]
R586SEY03 + R586SEY03 + R586R units	1795	700
R586SEY13 + R586SEY13 + R586R units	1890	750

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Product specifications

R586SEY02

cooling systems featuring multiple regulation zones. Optional installation of two boiler room manifolds to install up to six distribution units and meet the requirements of very large systems. Includes hydraulic separator function with mechanical

R586SEY03

cooling systems featuring multiple regulation zones. Optional installation of two boiler room manifolds to install up to six distribution units and meet the requirements of very large systems. Includes hydraulic separator function with mechanical

R586SEY12

heating and cooling systems featuring multiple regulation zones. Optional installation of two boiler room manifolds to install up to six distribution units and meet the requirements of very large systems. Includes hydraulic separator function with

R586SEY13

heating and cooling systems featuring multiple regulation zones. Optional installation of two boiler room manifolds to install up to six distribution units and meet the requirements of very large systems. Includes hydraulic separator function with

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

♻ Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

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🗑 Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.

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