

Energy
Management

EE0021  APR2024

R586R - R586SEP



Distribution units
and boiler room manifolds
for heating and cooling control

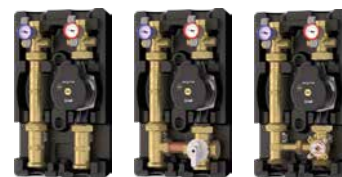
R586R

Insulated distribution and control units for heating and cooling management in multizone systems.

Available in DN25 or DN32 versions, with or without mixing valve and pump.
For use with R586SEP boiler room manifolds.

Versions with pump

PRODUCT CODE	CONNECTIONS			APPLICATION	MIXING VALVE	MAX FLOW RATE [l/h] @ 3 m.c.w.	
	DN	BOILER ROOM	SYSTEM			STANDARD PUMP	PUMP WITH HIGH FLOW-RATE
R586RY101	25	G 1-1/2"M	G 1"F		-	2300	3200
R586RY102				Ball mixing valve	2300	3200	
R586RY103				Sector mixing valve	2200	2800	
R586RY104	32	G 2"M	G 1-1/4"F		Thermostatic mixing valve	1500	2000
R586RY131				-	2600	4000 (@ 6 m.c.w.)	
R586RY133				Sector mixing valve	2400	4000 (@ 5,5 m.c.w.)	



R586RY101

R586RY102

R586RY103





R586RY104

R586RY131

R586RY133

Versions without pump

PRODUCT CODE	CONNECTIONS			APPLICATION	MIXING VALVE	MAX FLOW RATE [l/h] @ 3 m.c.w.	
	DN	BOILER ROOM	SYSTEM			STANDARD PUMP	PUMP WITH HIGH FLOW-RATE
R586RY111	25	G 1-1/2"M	G 1"F		-	2300	3200
R586RY112				Ball mixing valve	2300	3200	
R586RY113				Sector mixing valve	2200	2800	
R586RY114	32	G 2"M	G 1-1/4"F		Thermostatic mixing valve	1500	2000
R586RY141				-	2600	4000 (@ 6 m.c.w.)	
R586RY143				Sector mixing valve	2400	4000 (@ 5,5 m.c.w.)	



R586RY111

R586RY112

R586RY113



R586RY114

R586RY141

R586RY143

MAIN CHARACTERISTICS



- Heating and cooling control
- DN25 and DN32 sizing
- With or without mixing valve and pump
- Reversible supply and return outlets
- Ball valves with integrated thermometer
- Check valve on return circuit
- Insulation shell



Heating and cooling



Reversible supply/return outlets



Integrated check valve on return circuit



R586SEP

Boiler room steel manifolds for use as manifolds or hydraulic separators.

Available in DN25 or DN32 versions for quick connection of R586R units.

Modular design to install 2 R586SEP manifolds in series, for control of multizone systems.

Versions for R586R DN25 units

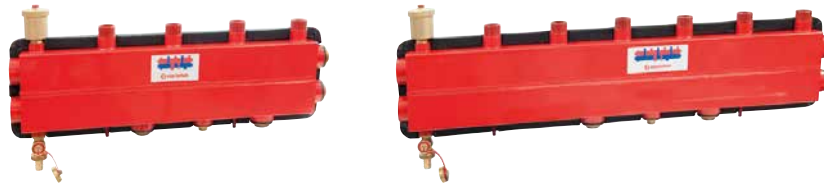
PRODUCT CODE	N. OF TEE CONNECTIONS SECONDARY CIRCUIT	MAX FLOW RATE [l/h]	
		USED AS MANIFOLD	USED AS SEPARATOR
R586SEY02	2		
		4500	4500*
R586SEY03	3		

Versions for R586R DN32 units

PRODUCT CODE	N. OF TEE CONNECTIONS SECONDARY CIRCUIT	MAX FLOW RATE [l/h]	
		USED AS MANIFOLD	USED AS SEPARATOR
R586SEY12	2		
		9500	9500*
R586SEY13	3		

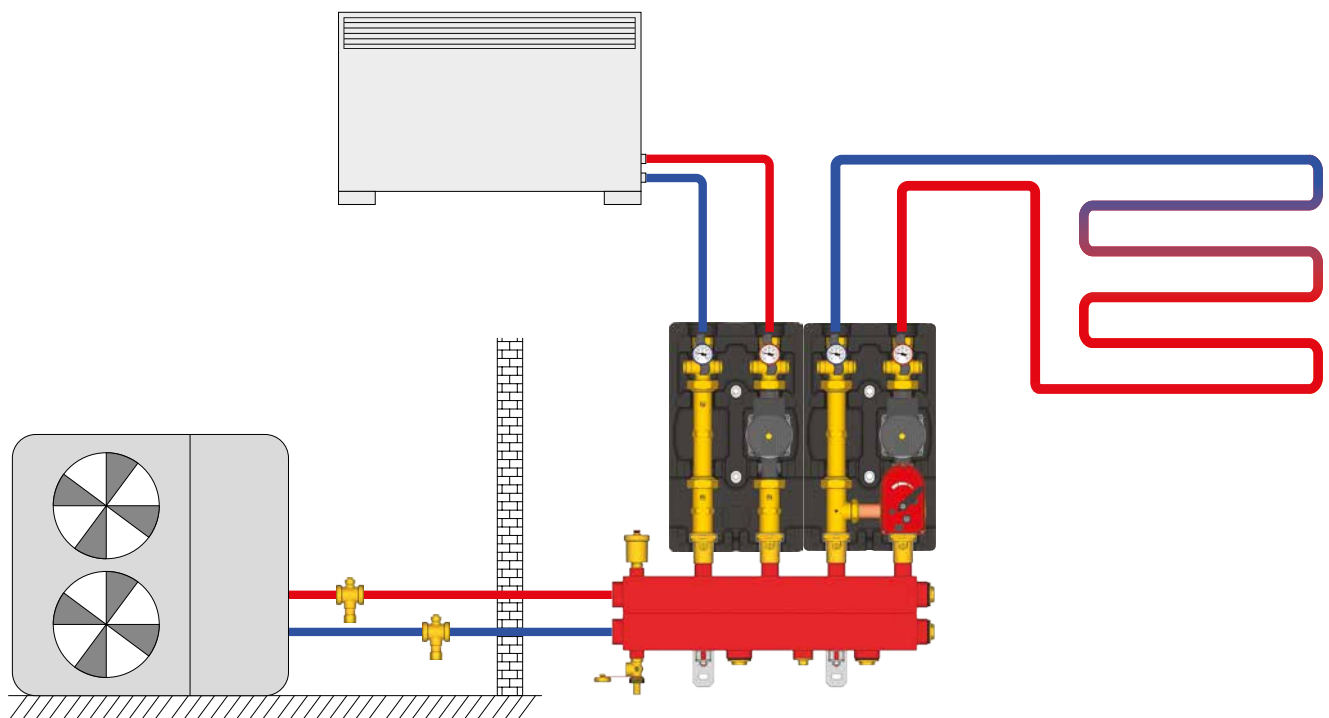
* Limit the difference between primary and secondary flow rates to 3500 L/h

NOTE. R252 ball valves or R37K tail pieces are required to install R586R distribution units.



Typical application layout

Application diagram for heating and cooling systems with R586SEP boiler room manifold including R586RY101 unit for non-mixed circuit + R586RY102 unit with mixing valve for low-temperature circuit.





GIACOMINI.COM



GIACOMINI S.P.A.
VIA PER ALZO, 39
28017 SAN MAURIZIO D'OPAGLIO
NOVARA ITALY

