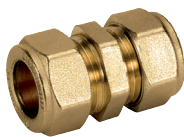




Fittings for copper pipe

310 - Straight fitting


	Product code	Size
	310Y004	15 x 15
	310Y010	18 x 18
	310Y006	22 x 22
	310Y007	28 x 28

Straight fitting, for copper pipe, with conical metal head. In brass.

Suitable for solar systems applications.

- Temperature range: -20÷200 °C for glycol solutions 50 %
- Max. working pressure: 10 bar
- Complying with standard EN 1254-2.

311 - Straight fitting male threaded


	Product code	Size
	311Y001	1/2" x 15
	311Y010	1/2" x 18
	311Y002	3/4" x 15
	311Y011	3/4" x 18
	311Y003	3/4" x 22
	311Y004	1" x 22
	311Y005	1" x 28

Straight fitting male threaded, for copper pipe, with conical metal head.

In brass. Suitable for solar systems applications.

- Temperature range: -20÷200 °C for glycol solutions 50 %
- Max. working pressure: 10 bar
- Complying with standard EN 1254-2.

312 - Straight fitting female threaded


	Product code	Size
	312Y001	1/2" x 15
	312Y010	1/2" x 18
	312Y002	3/4" x 15
	312Y011	3/4" x 18
	312Y003	3/4" x 22
	312Y004	1" x 22
312Y005	1" x 28	

Straight fitting female threaded, for copper pipe, with conical metal head.

In brass. Suitable for solar systems applications.

- Temperature range: -20÷200 °C for glycol solutions 50 %
- Max. working pressure: 10 bar
- Complying with standard EN 1254-2.

315 - Elbow fitting 90°


	Product code	Size
	315Y001	15 x 15
	315Y010	18 x 18
	315Y003	22 x 22
	315Y004	28 x 28

Elbow fitting 90°, for copper pipe, with conical metal head. In brass.

Suitable for solar systems applications.

- Temperature range: -20÷200 °C for glycol solutions 50 %
- Max. working pressure: 10 bar
- Complying with standard EN 1254-2.

317 - Elbow fitting 90°, female threaded


	Product code	Size
	317X001	1/2" x 15
	317X002	3/4" x 22

Elbow fitting 90° female threaded, for copper pipe, with conical metal head.

In brass. Suitable for solar systems applications.

- Temperature range: -20÷200 °C for glycol solutions 50 %
- Max. working pressure: 10 bar
- Complying with standard EN 1254-2.

318 - T fitting


	Product code	Size
	318Y001	15 x 15 x 15
	318Y010	18 x 18 x 18
	318Y006	22 x 22 x 22
	318Y014	28 x 28 x 28

T fitting, for copper pipe, with conical metal head. In brass.

Suitable for solar systems applications.

- Temperature range: -20÷200 °C for glycol solutions 50 %
- Max. working pressure: 10 bar
- Complying with standard EN 1254-2.


R140C - Membrane safety valve

	Product code	Size
	R140CY006	1/2" x 3/4" - 4 bar
	R140CY009	1/2" x 3/4" - 6 bar

Membrane safety valve for solar thermal systems.

- Connections: 1/2" F x 3/4" F
- Fluids: water, glycol solutions (max 50 % of glycol)
- Temperature range: 5÷160 °C (-20÷160 °C for 50 % glycol solutions)
- Nominal pressure: 10 bar
- Opening overpressure: 20 %
- Closure range: 20 %
- Compliance with "PED" 97/23/CE directive
- Factory calibration: 4 bar (green cap); 6 bar (yellow cap)

R99S - Automatic air vent valve

	Product code	Size
	R99SY003	1/2" with shut-off valve
	R99SY013	1/2" without shut-off valve

Automatic air vent valve. In brass. Suitable for solar systems applications.

Available with or without shut-off valve.

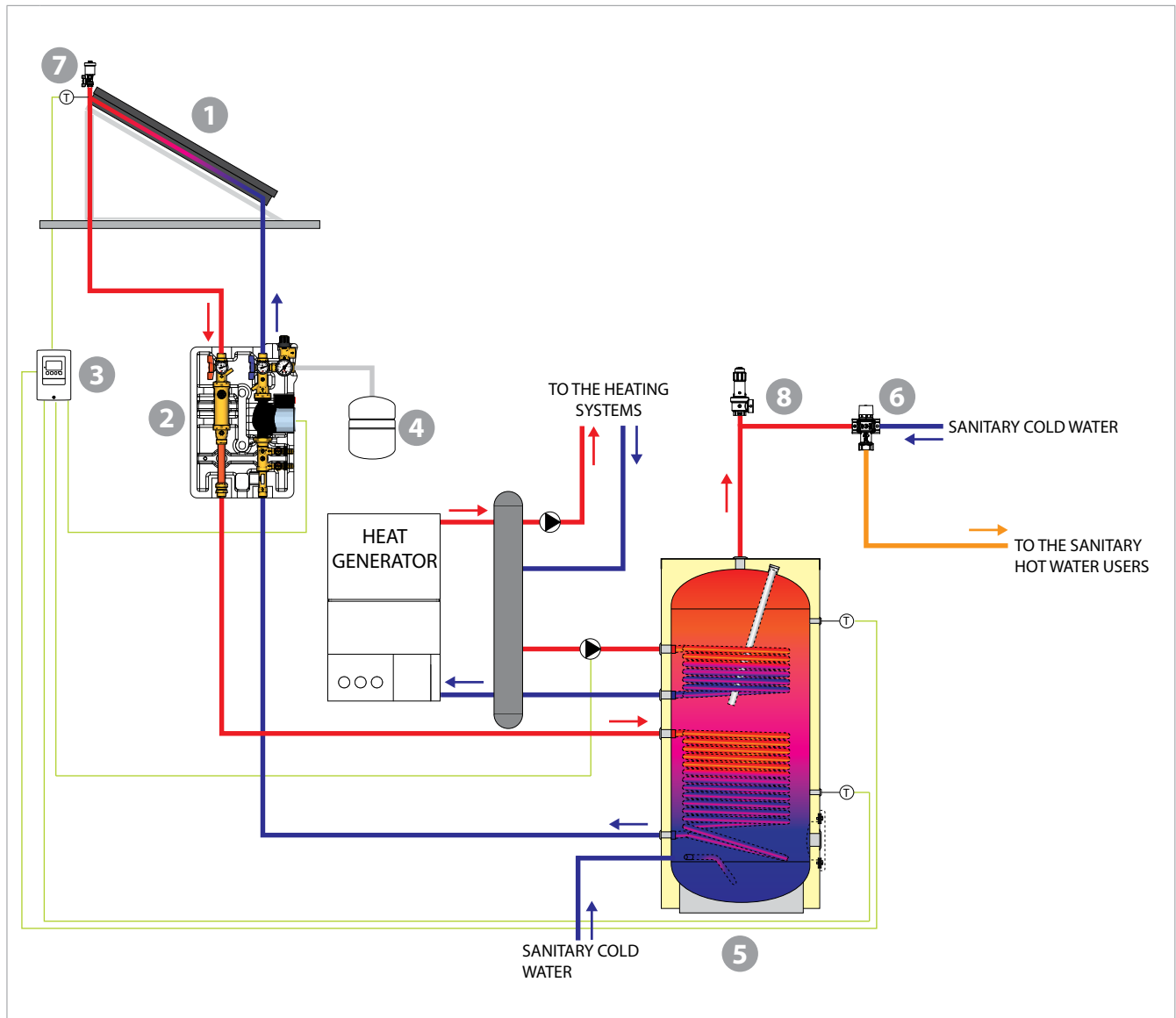
- Fluids: water, glycol solutions (max 50 % of glycol)
- Temperature range: -20÷180 °C for 50 % glycol solutions
- Max. working pressure: 10 bar
- Air vent max. working pressure: 5 bar

Ball valves

The materials used for the Giacomini ball valves (apart from specific valves for gas) are suitable for contact with water, glycol solutions (max. 50%) and steam. For further information, refer to the specific technical documentation.



Example of solar thermal system



Legend

1	Solar panels
2	R586S - 2-way circulation group, with safety valve R140C
3	KTD - Control unit
4	VES - Expansion tank
5	BS2 - Double coil boiler
6	R156 - Thermostatic mixer
7	R99S - Automatic air vent valve
8	R140 - Membrane safety valve

Additional information

For additional information please check the website www.giacomini.com or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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