



R383

R384

Description

R383 straight and R384 angled twin-pipe valves have been designed for panel radiators with integrated control, with 3/4"E connection and 50 mm center distance. Panel radiators with 1/2"F connection can also be connected using a special adapter.

R383 and R384 valves are equipped with internal lockshield valves on the two connections by which the flow can be intercepted isolating the panel radiators. The lockshield valves also enable to balance the circuits with an Allen key by varying the number of turns to open them (we recommend turning only one lockshield valve, leaving the other completely open).

A third lockshield valve positioned on the by-pass allows to obtain the two possible versions (single pipe or twin pipe) depending on the type of system on which the valves are installed

Versions and product codes

Series	Product code	Connections "Panel radiator x Pipe"	Version
R383	R383X001	3/4"F x base 18	straight
	R383X011	1/2"M x base 18	
	R383X002	3/4"F x 3/4"E	
	R383X012	1/2"M x 3/4"E	
R384	R384X001	3/4"F x base 18	angled
	R384X011	1/2"M x base 18	
	R384X002	3/4"F x 3/4"E	
	R384X012	1/2"M x 3/4"E	



Notes.
Codes for 3/4"F panel radiators include n. 2 Eurocono inserts R483Y011.
Codes for 1/2"M panel radiators include n. 2 adapters R483Y002 (1/2"M x 3/4"E).

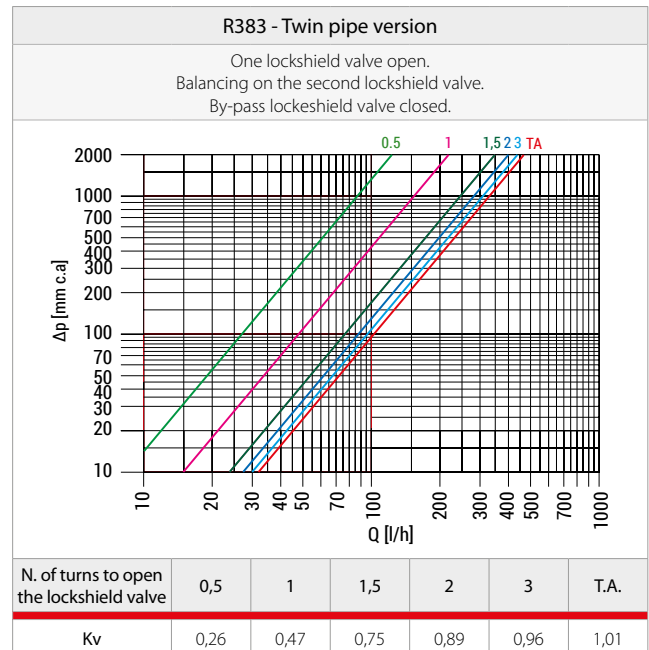
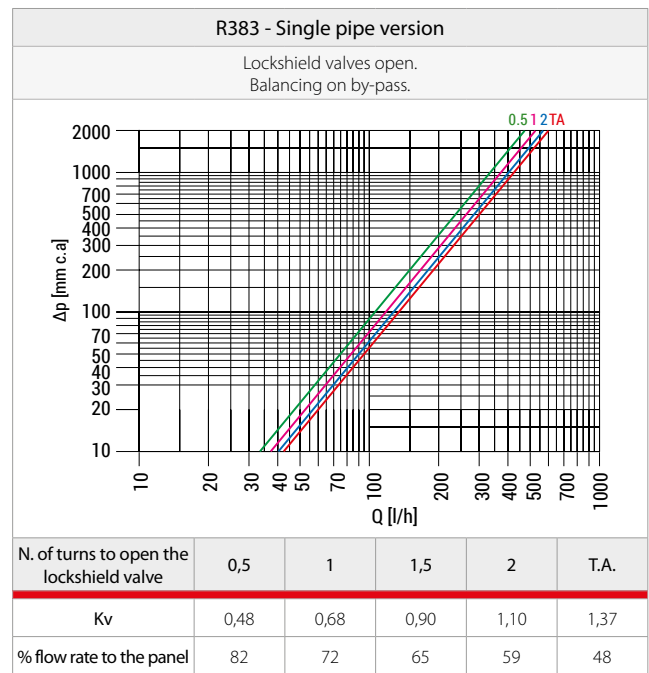
Technical data

- Temperature range: 5÷110 °C
- Max. working pressure: 10 bar
- Connections center distance: 50 mm
- Non-preferential delivery and return connections
- System connections with 3/4"E adapter or base 18
- Balancing lockshield valves adjustable with 6 mm hexagonal Allen key
- By-pass lockshield valve adjustable with 6 mm hexagonal Allen key

Pressure losses

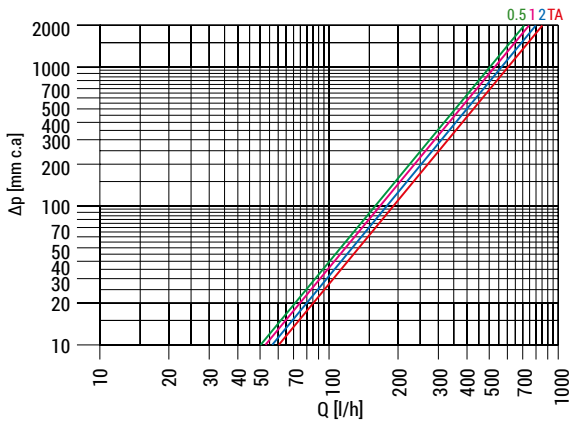
The pressure loss diagrams have been determined for the R383 straight valve and the R384 angled valve in twin pipe version (by-pass lockshield valve closed) keeping one lockshield valve completely open and varying the number of turns to open the other.

In single pipe version the two lockshield valves are fully open and to vary the opening of the by-pass lockshield valve are obtained variations of water flow to the panel radiator.



R384 - Single pipe version

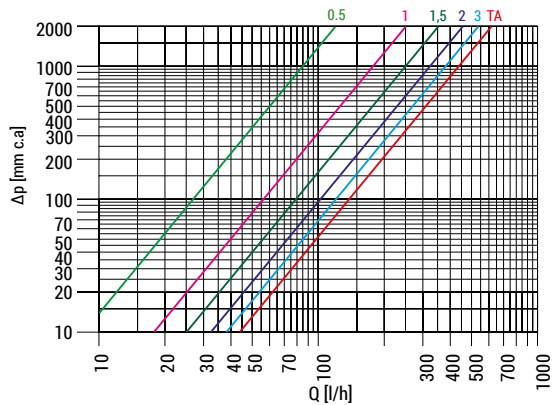
Lockshield valves open.
Balancing on by-pass.



N. of turns to open the lockshield valve	0,5	1	1,5	2	T.A.
Kv	1,58	1,67	1,73	1,81	1,92
% flow rate to the panel	78	77	66	59	50

R384 - Twin pipe version

One lockshield valve open.
Balancing on the second lockshield valve.
By-pass lockshield valve closed.



N. of turns to open the lockshield valve	0,5	1	1,5	2	3	T.A.
Kv	0,26	0,56	0,78	1,01	1,20	1,36

Installation

The twin-pipe valves R383 and R384 are connected directly to panel radiators with 3/4"E connection, placing the included R483Y001 plastic adapter in between.

If the panel radiators have 1/2"F connections, the R483Y002 special adapter with self-sealing gasket should be screwed on the panel radiator with a 10 mm hexagonal Allen key. After installing the adapter, connect the valve by tightening the nuts with a 30 mm hexagonal wrench.

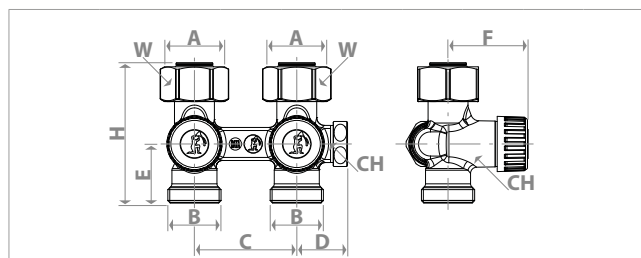
The valves are connected to the supplying pipes with Eurocono (R178E, R179E) or base 18 (R178, R179, R179AM) adapters, according to the version.

After installation proceeds with the balancing of the valve acting appropriately on lockshield valves according to requirements by following the calibration diagrams.

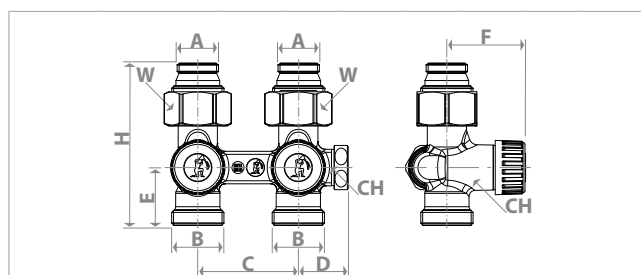


Dimensions

R383

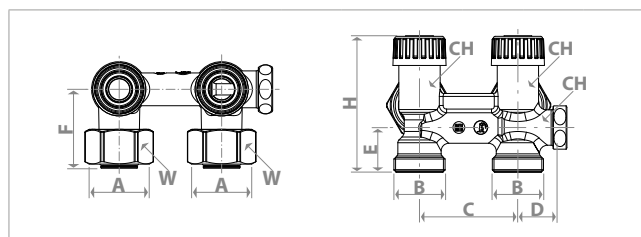


Product code	A x B	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	W [mm]	CH [mm]
R383X001	3/4" F x base 18	50	25	29	39	68,5	30	6
R383X002	3/4" F x 3/4" E	50	25	29	39	68,5	30	6

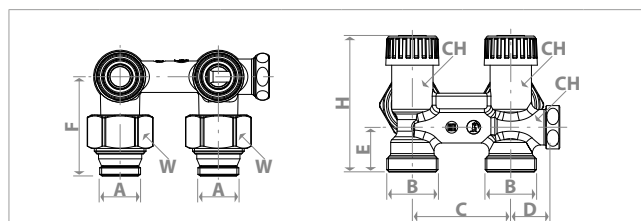


Product code	A x B	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	W [mm]	CH [mm]
R383X011	1/2" M x base 18	50	25	29	39	80,5	30	6
R383X012	1/2" M x 3/4" E	50	25	29	39	80,5	30	6

R384



Product code	A x B	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	W [mm]	CH [mm]
R384X001	3/4" F x base 18	50	25	23	38,5	69	30	6
R384X002	3/4" F x 3/4" E	50	25	23	38,5	69	30	6



Product code	A x B	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	W [mm]	CH [mm]
R384X011	1/2" M x base 18	50	25	23	50,5	69	30	6
R384X012	1/2" M x 3/4" E	50	25	23	50,5	69	30	6

Product specifications

R383

Single-pipe and twin-pipe panel radiator valve, straight for floor-deriving pipes, nickel-plated brass. Flat seat connections with gaskets, including self-sealing adapters for 3/4" M or 1/2" F panel radiators. Center distance 50 mm. Piping connection with 3/4" Eurocono or base 18 adapters. Temperature range: 5÷110 °C. Max. working pressure: 10 bar.

R384

Single-pipe and twin-pipe panel radiator valve, angled for wall-deriving pipes, nickel-plated brass. Flat seat connections with gaskets, including self-sealing adapters for 3/4" M or 1/2" F panel radiators. Center distance 50 mm. Piping connection with 3/4" Eurocono or base 18 adapters. Temperature range: 5÷110 °C. Max. working pressure: 10 bar.

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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