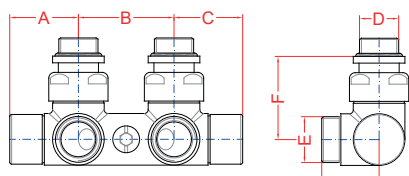


50 mm Angled valves

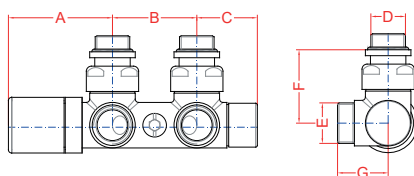
Technical sheet



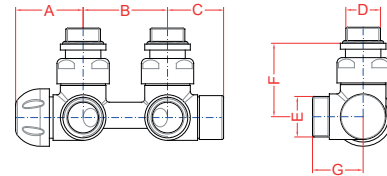
386091



386089



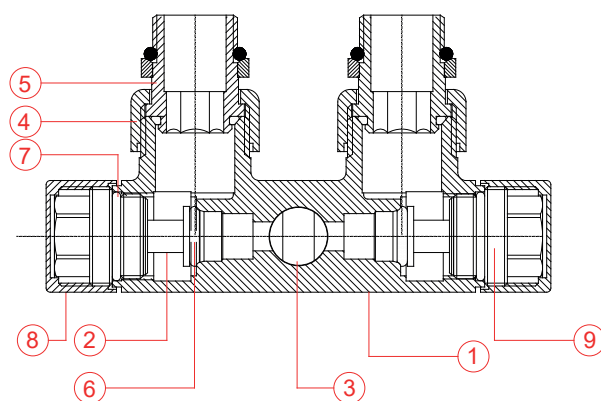
380075



Code	D	E	A	B	C	F	G	Weight
386091	1/2"	3/4" EK	36 mm	50 mm	36 mm	44 mm	30 mm	0,683 KG
386089	1/2"	3/4" EK	62 mm	50 mm	36 mm	44 mm	30 mm	0,647 KG
380075	1/2"	3/4" EK	41 mm	50 mm	34 mm	44 mm	30 mm	0,530 KG

Technical features	
Type of fluid	Water / water with glycol
Max. Glycol percentage	30%
Max. working pressure	10 bar
Max. differential pressure	0,8 bar (80 kPa)
Max. working temperature	110 °C
Materials	
Valve body	Brass EN12165-CW 617N-M
Rubber sealing components	EPDM peroxide
Steel parts	INOX ASI302
Plastic parts	ABS
Other brass components	Brass EN12164-CW 617N-M

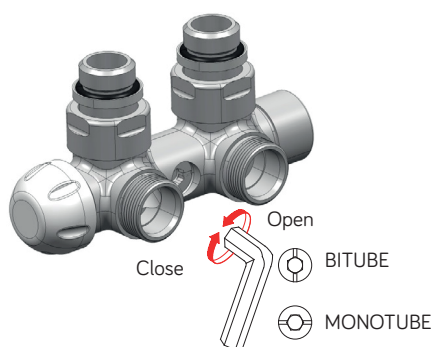
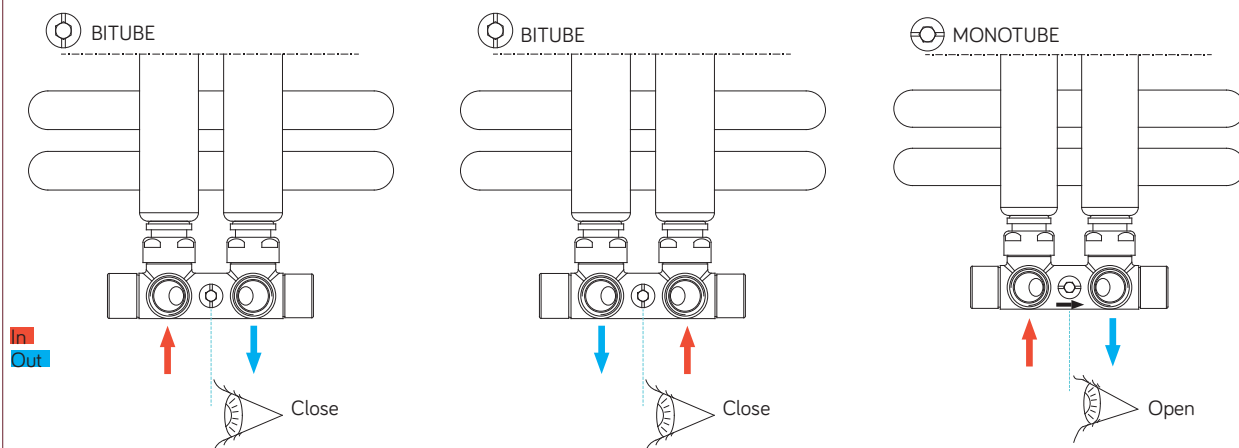
Angled valve 386091



1	Valve body
2	Shut off spindle
3	By-Pass
4	Union nut
5	Tailpiece
6-7	O-Ring
8	Brass cap
9	Lockshield screw

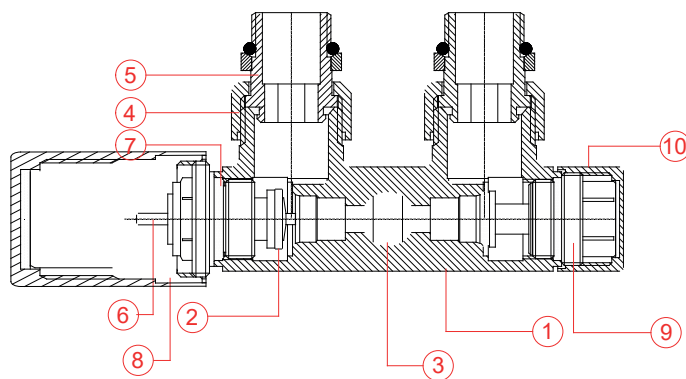
All technical characteristics are provided according to the European standard EN 215 "Thermostatic radiator valves. Requirements and test methods". Threads are in compliance with EN-ISO 228/1 standard.

Configuration instructions



In order to change configuration of the valve from monotube to bitube close the by-pass using 6 mm Allen key rotating it in vertical direction as shown in the picture. Open the by-pass in order to make monotube configuration. The by-pass of the valve allows flow to pass during radiator maintenance without blocking the system.

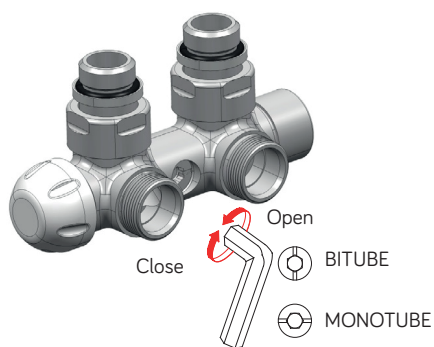
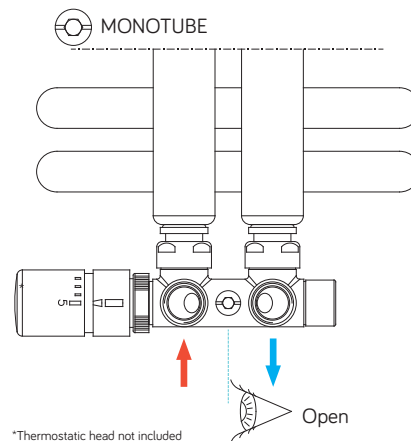
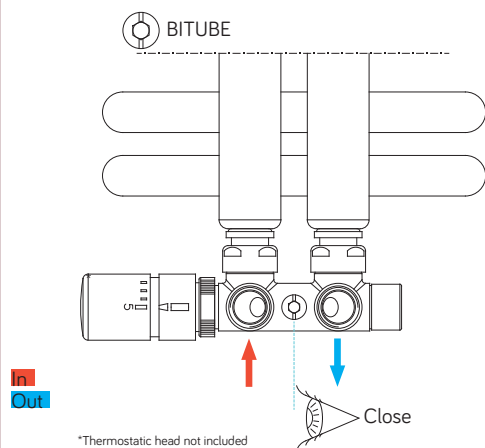
Thermostatic angled valve 386089



1	Valve body
2	Thermostatic screw
3	By-Pass
4	Union nut
5	Tailpiece
6	Spindle
7	O-Ring
8	Valve plastic cap
9	Lockshield screw
10	Lockshield cap

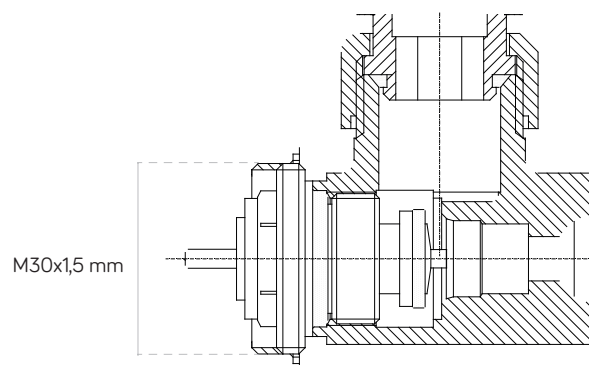
All technical characteristics are provided according to the European standard EN 215 "Thermostatic radiator valves. Requirements and test methods". Threads are in compliance with EN-ISO 228/1 standard.

Configuration instructions

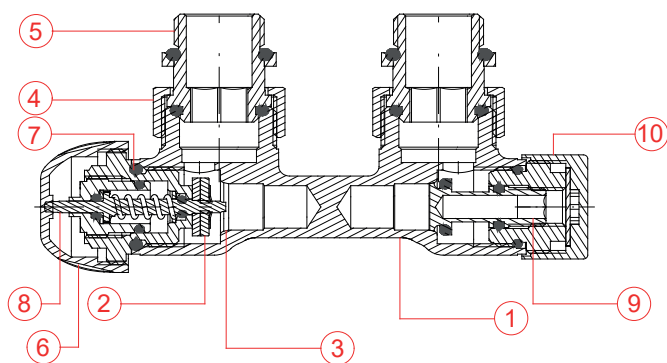


In order to change configuration of the valve from monotube to bitube close the by-pass using 6 mm Allen key rotating it in vertical direction as shown in the picture. Open the by-pass in order to make monotube configuration. The by-pass of the valve allows flow to pass during radiator maintenance without blocking the system.

Thread for thermostatic head



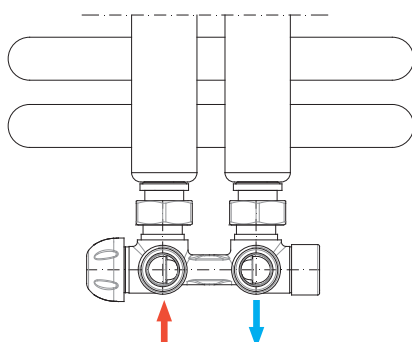
Thermostatic angled valve 380075



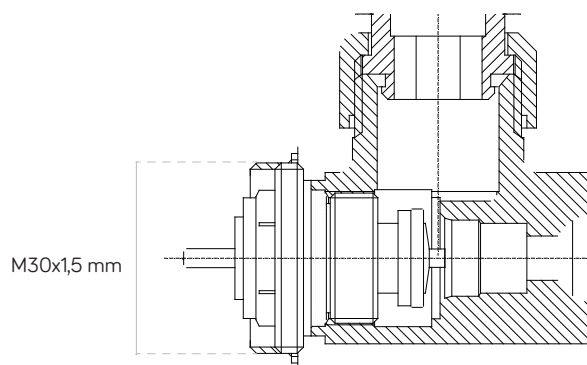
1	Valve body
2	Valve disc
3	Valve seat
4	Union nut
5	Tailpiece
6	Protection cap
7	O-Ring
8	Valve stem
9	Lockshield headwork
10	Lockshield cap

All technical characteristics are provided according to the European standard EN 215 "Thermostatic radiator valves. Requirements and test methods". Threads are in compliance with EN-ISO 228/1 standard.

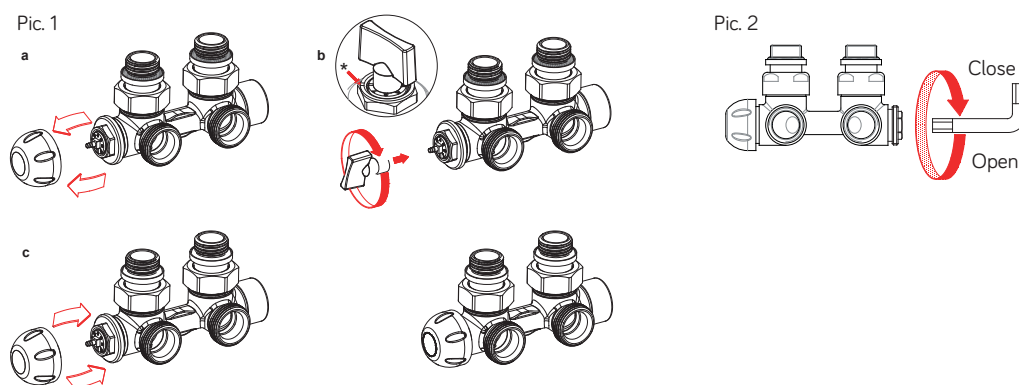
Configuration instructions



Thread for thermostatic head



Operating principle



Thermostatic valve with pre-setting (Pic. 1)

The thermostatic valve is equipped with a pre-setting screw that allows to balance the flow of the circuit. Adjustment is carried out as follow:

- remove the cap;
- completely close the pre-setting ring nut, using the appropriate key. Then reopen to the valve on the pre-setting position foreseen by the project, so that the reference line coincides with that of the screw (*). For the maximum position (full opening), make another complete turn of the ring setting the reference mark to number 7;
- refit the cap;

Lockshield (Pic. 2)

To limit the maximum flow rate:

- remove the cap, by unscrewing it;
- using a 6 mm Allen key, close the lockshield rotating it clockwise;
- screw in the cap;

The balance with the lockshield can be done starting with the valve completely close and opening it in proportion to the number of turns relative to the desired flow coefficient. Complete opening is obtained with about 4 turns.