






杭州富阳金嘉流体设备有限公司
Hangzhou Fuyang Jinjia Fluid Equipment Co., LTD

TECHNICAL FILE FOR BRASS TEMPERATURE CONTROL VALVE

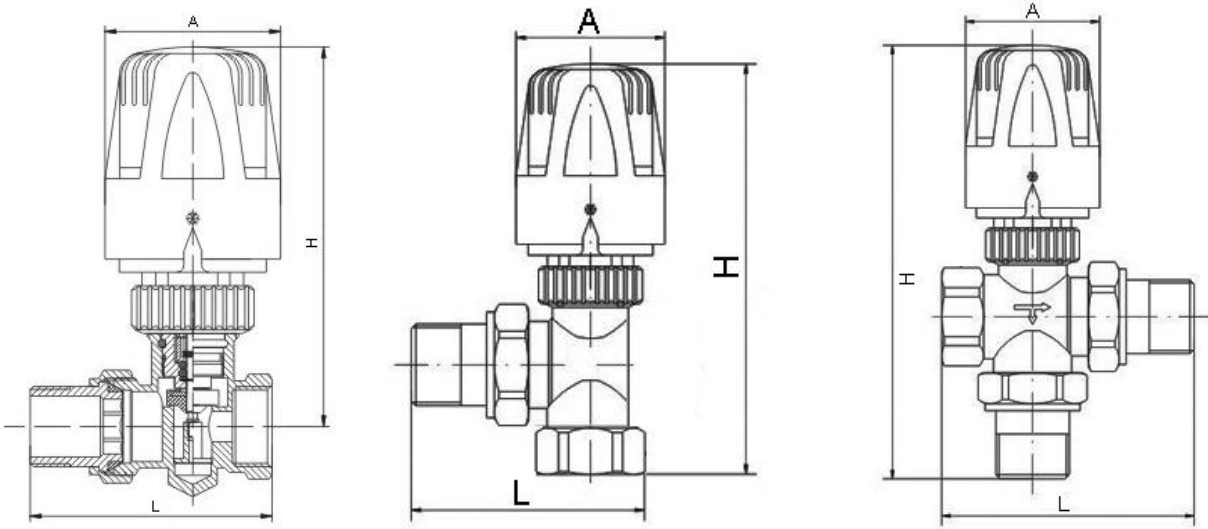
1: Description and Appearance			
2-Through WK-2W-T		DN15-DN32	<p>Thermostatic control valve can automatically maintain accurate room temperature according to the predetermined requirements, and is not affected by climatic conditions. Only a thermostatic control valve is needed to be installed on each set of radiators to ensure that the heat from sunlight, lighting facilities, equipment and human body can be fully utilized to achieve energy savings.</p> <p>The temperature control valve USES the temperature element in the valve head to control the size of the valve lift, when the room temperature increases, the temperature element due to thermal expansion, compression valve stem to close the valve, when the room temperature drops, the temperature element due to cooling and contraction, valve stem spring back to make the valve open. Temperature sensing elements can be very sensitive to the perception of room temperature small changes automatically adjust the flow to a comfortable temperature range.</p>
2-Angle type WK-2W-J		DN15-DN20	
3-Right WK-3W-TR		DN15-DN20	
3-Left WK-3W-TL		DN15-DN20	
3-Angle type WK-3W-J		DN15-DN25	
2: Parameters			
Nominal Pressure	1/2 " --2 "		
Working Temperature	0.6--1.6MPa		
Applicable medium	-10-100℃		
Flow characteristics	Cool or hot water		
Connection Type	Female thread(G Type)		

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3.Parts and Materials

S/N	Name
Valve Body	Hpb57-3+Nickle Plated
Valve Cover	Hpb57-3+Nickle Plated
Core	Hpb57-3
Stem	Hpb57-3
Handwheel	PE

4.Outer Sizes



Type	Size	Connection thread	A mm	L mm	H mm	Weight g
WK-2W-T	1/2 "	G 1/2 "	50	73	132	305
				76	132	325
				85	132	365
Type	Size	Connection thread	A mm	L mm	H mm	Weight g
WK-2W-T	G 3/4 "	G 3/4 "	50	84	138	345
	G 1 "	G 1 "	50	91	145	430

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	G 1-1/4 "	G 1-1/4 "	50	104	155	630
WK-2W-J	G 1/2 "	G 1/2 "	50	62	155	305
	G 3/4 "	G 3/4 "	50	71	165	360
WK-3W-TR	G 1/2 "	G 1/2 "	50	65	132	460
	G 3/4 "	G 3/4 "	50	87	138	470
WK-3W-TL	G 1/2 "	G 1/2 "	50	65	132	460
	G 3/4 "	G 3/4 "	50	87	138	470
WK-3W-J	G 1/2 "	G 1/2 "	50	78	195	400
	G 3/4 "	G 3/4 "	50	90	205	445
	G 1 "	G 1 "	50	100	225	600

7. Logo/Carton Label/wooden case Label

7. Valve body must be with buyer's laser logo

7.2 Carton labels must indicate the product name/size/ and it must be printed or tied on the two fronts of the carton

7.3 Pallet label must indicate the buyer name, product name, size and quantity

8. Testing

8.1 Test Medium: Compressed air

8.2 Filling and other joint sealing parts test: 2.3Mpa pressure lasting 3—5min, the valve should be no leakage

8.3 Compressive strength test: 3.0Mpa pressure lasting 3—5min, the valve should be no leakage

8.4 Sealing surface seal test: 0.6-0.8mpa lasting 3—5min, the valve should be no leakage

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9. Installation and instruction

1. The thermostatic valve shall be installed horizontally on the radiator inlet pipe, and shall not be installed in a narrow and closed space, and shall not be blocked by the radiator cover, curtain or other obstacles; Be sure that the thermostatic valve temperature control handle is sensitive to the temperature of the room circulation air. Due to the thermal effect of valve body and surface pipe, it will cause the wrong action of temperature control handle.

2. In order to avoid functional failure caused by welding slag and other sundries, the thermostatic valve shall be installed only after the pipe and radiator are thoroughly cleaned; In order to ensure the radiator thermostatic valve reliable work, should be installed in the radiator thermostatic valve front filter.

3. Install the temperature control handle correctly. Before installation, set the scale on the maximum open position (the position of number 5), and then screw the lock nut of the temperature control handle onto the valve body.

Radiator thermostatic valve should be installed correctly so that the thermostat is installed in a horizontal position.

10. Warranty

10.1 Warranty period: one year from the B/L date;

10.2 If there are some big problem with the valves, the seller must give some additional valves to the buyer free in the next shipment, but the quantity must be less than 3% of the total quantity of the relative size;

10.3 Identification and resolution of quality claims: The buyer must provide enough pictures/video or other evidence to prove the problems to the seller. If the two parties cannot reach an agreement, they will submit a third party test. and all test charges will be shared by two parties.