

SRV051 SERIES THERMOSTATIC RADIATOR VALVE

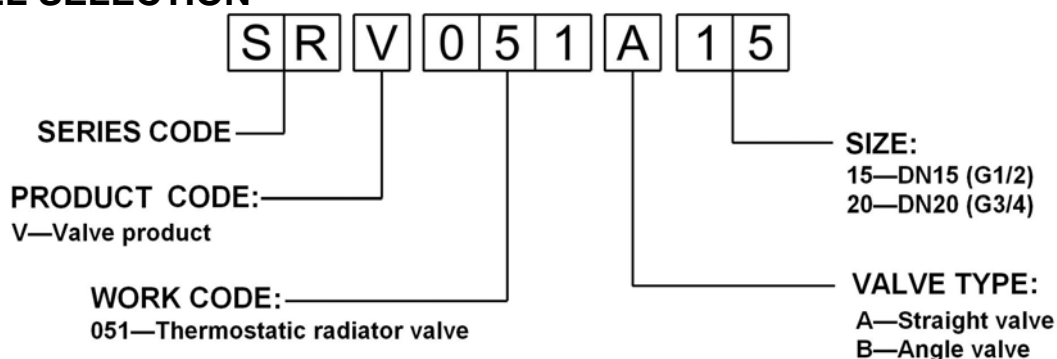
DESCRIPTION

SRV051 series thermostatic radiator valve is matched with SRT051 series thermostatic radiator controller, which is a kind of proportional modulating controller, does not need any external energy resources. It can control the heat water flow to the room and keep the room with comfortable temperature. In addition, it can avoid over-heating and reduce the heating cost so as to realize energy-saving and environment protection purpose.

SRV051 series valve is also matched with SRT061X, SRT061XU series electrothermal actuator.



MODEL SELECTION



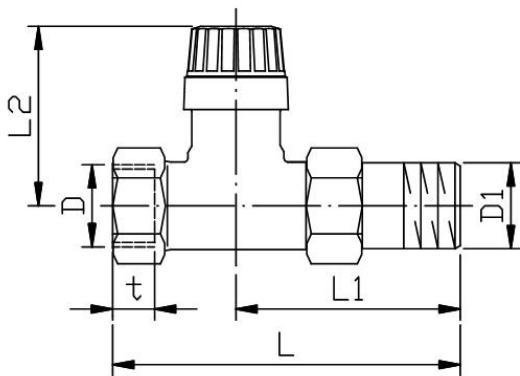
TECHNICAL DATA AND SPECIFICATIONS

MATERIAL	VALVE BODY	Forged brass (Nickel-plated)
	VALVE STEM	Stainless steel
	SEALING	NBR
WORKING MEDIA		Hot water
MEDIA TEMPERATURE		≤110℃
RATED PRESSURE		1.0MPa

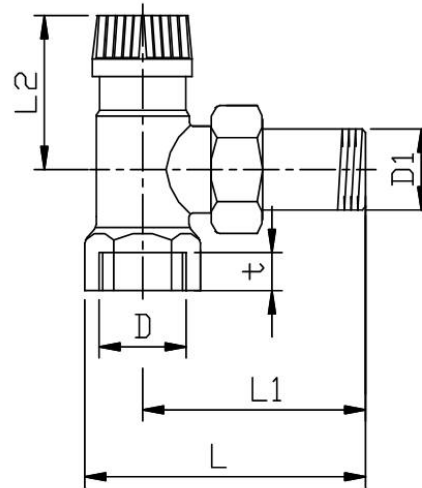
APPLICATION:

- ◆ Apply to two-pipe heating system, which is installed with circular pump. Its pressure is 1.0MPa, the maximum temperature of the flow is 110℃, no matter the type of heat resources are.
- ◆ Apply to normal differential temperature system. But for gravity self-flow supply or single-pipe pump type supply system, it is necessary to install circular pump (e.g.: the reconstruction of old building).
- ◆ Apply to the heating system with high differential temperature (e.g.: district heating system), and low Kv factor system.

DIMENSIONS (mm)



(Straight valve)



(Angle valve)

MODEL	DESCRIPTION	SIZE	Kv			D	D1	L	L1	L2	t
			0.5	1.0	1.4						
SRV051A15	Straight valve	DN15	0.5	1.0	1.4	G1/2	R1/2	95	59	47	14
SRV051A20	Straight valve	DN20	2.8			G3/4	R3/4	105	61	50	15
SRV051B15	Angle valve	DN15	1.4			G1/2	R1/2	73	59	42	14
SRV051B20	Angle valve	DN20	2.8			G3/4	R3/4	86	68	47	15

INSTALLATION INSTRUCTION

1. Mount the joint of the valve body on the supply of the radiator, and the direction of the flow arrow should be pointed to the water inlet of the radiator, and make sure they are perfectly connected and free from vibration and leakage.
2. The maximum screwed torque of screw cap is 120Nm.
3. Connecting pipe should be cut off according to the standard axe's length and angle, and the joint should be clean and without damage. Use gasket when connecting the joint to the thin wall and soft pipe. Do not use gasket when there are welding line on the pipe, pay more attention to the instruction of the manufacturer of the pipe, and make a connection test carefully before usage.
4. When reconstructing the old heating system, it is suggested to mount a plastic filter before every thermostatic radiator valves. Install the controller after the reconstruction is finished. During the decoration period, use the manual knob to protect and operate the valve.
5. Make thorough cleaning to the pipe and radiator to avoid damage caused by the soldering scraps and other sundries.
6. Install the valve correctly, make sure the controller is mounted horizontally, and avoid installing it close to heating resources, direct sunshine, or behind curtain and furniture so as to provide accurate room temperature sensing.
7. The valve is supplied with a manual knob; user can adjust the heat water and vapor by rotating it manually so as to control the room temperature.