

Automatic Mixing Valve : Model TM Automatic Selector Valve : Model TS



MODEL TM/TS

●Operating Conditions:

MODEL		TM			TS		
Nominal Size	mm	13	20	25	13	20	25
	inch	1/2	3/4	1	1/2	3/4	1
Applicable Fluid		Water (Cold/Hot)					
Temperature Control Range		30 to 50℃			_____		
Control Temperature		_____			68 ± 2℃		
Water Diversion Performance		_____			0 to 1.5L/min(0.75MPa)		
Shell Test Pressure		1.75MPa			2.4MPa		
Flow Rate(L/min)		20	33	80	_____		
※Pressure Difference is 0.2MPa between P ₁ and P ₂ .							
Working Pressure	Cold Water	0.02 to 0.6MPa			0 to 1.6MPa		
	Hot Water	0.02 to 0.3MPa(13,20mm) 0.02 to 0.2MPa(25mm)					

※Cold Water Pressure ≥ Hot Water Pressure

●Basic Application:

<Automatic Mixing Valves>

Automatic mixing valves are used in hot water supply systems of hotels, beauty salons, heated swimming pools, floor heating units and central heating systems.

<Automatic Selector Valves>

Automatic selector valves are used in boiler systems to prevent heat loss.

●Features:

1. The automatic mixing valve's thermal wax element automatically adjusts hot/cold water downstream flow to a desired temperature by the actuating of the wax element.
2. The thermal wax element automatically selects the downstream port by desired temperature.
3. The open/close operations are controlled by the thermal wax element directly so there is no wiring required.
4. Bronze prevents rust contamination of the water.