

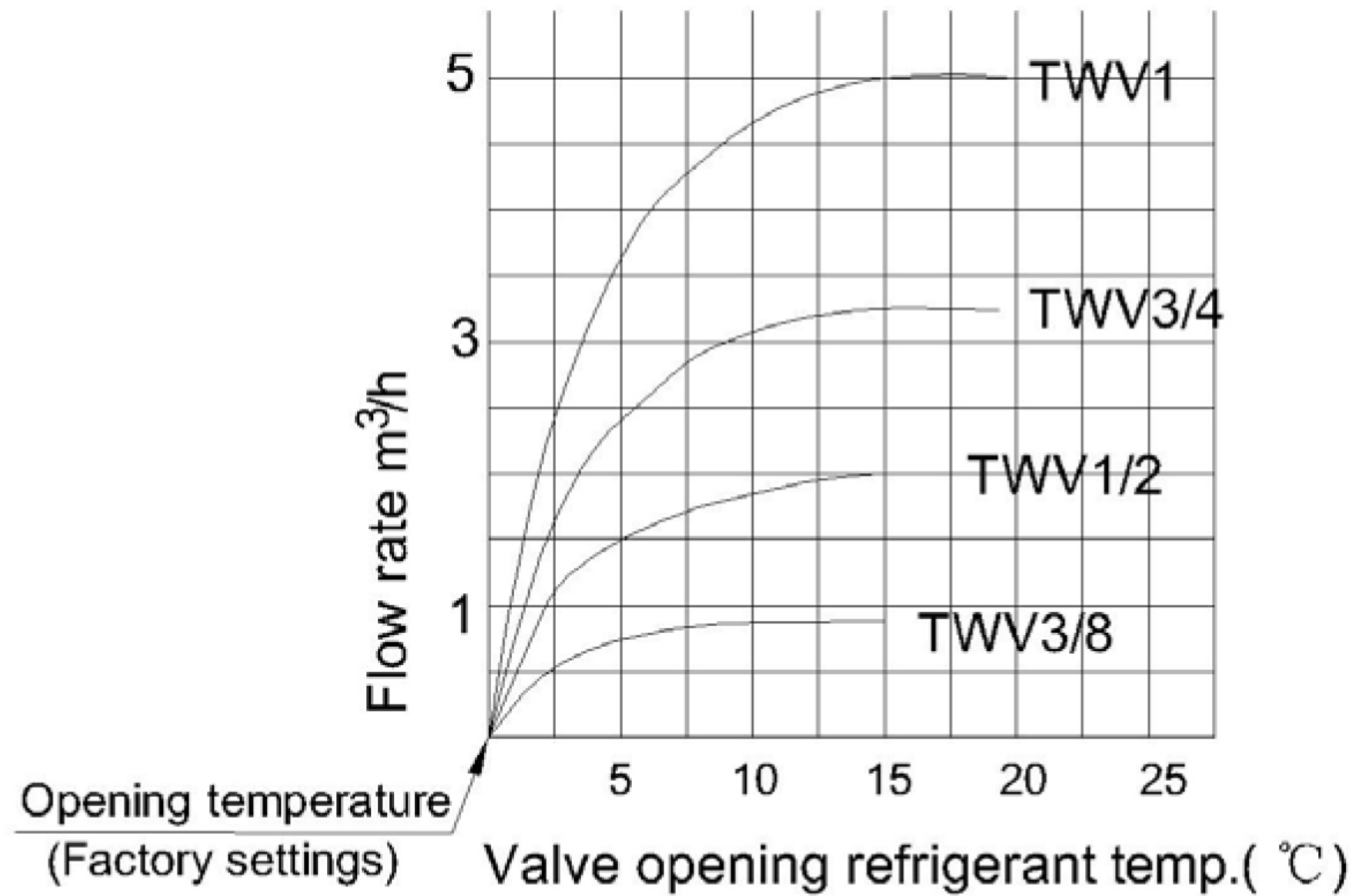
Temperature controlled water valve

- TWV

Flow rate chart

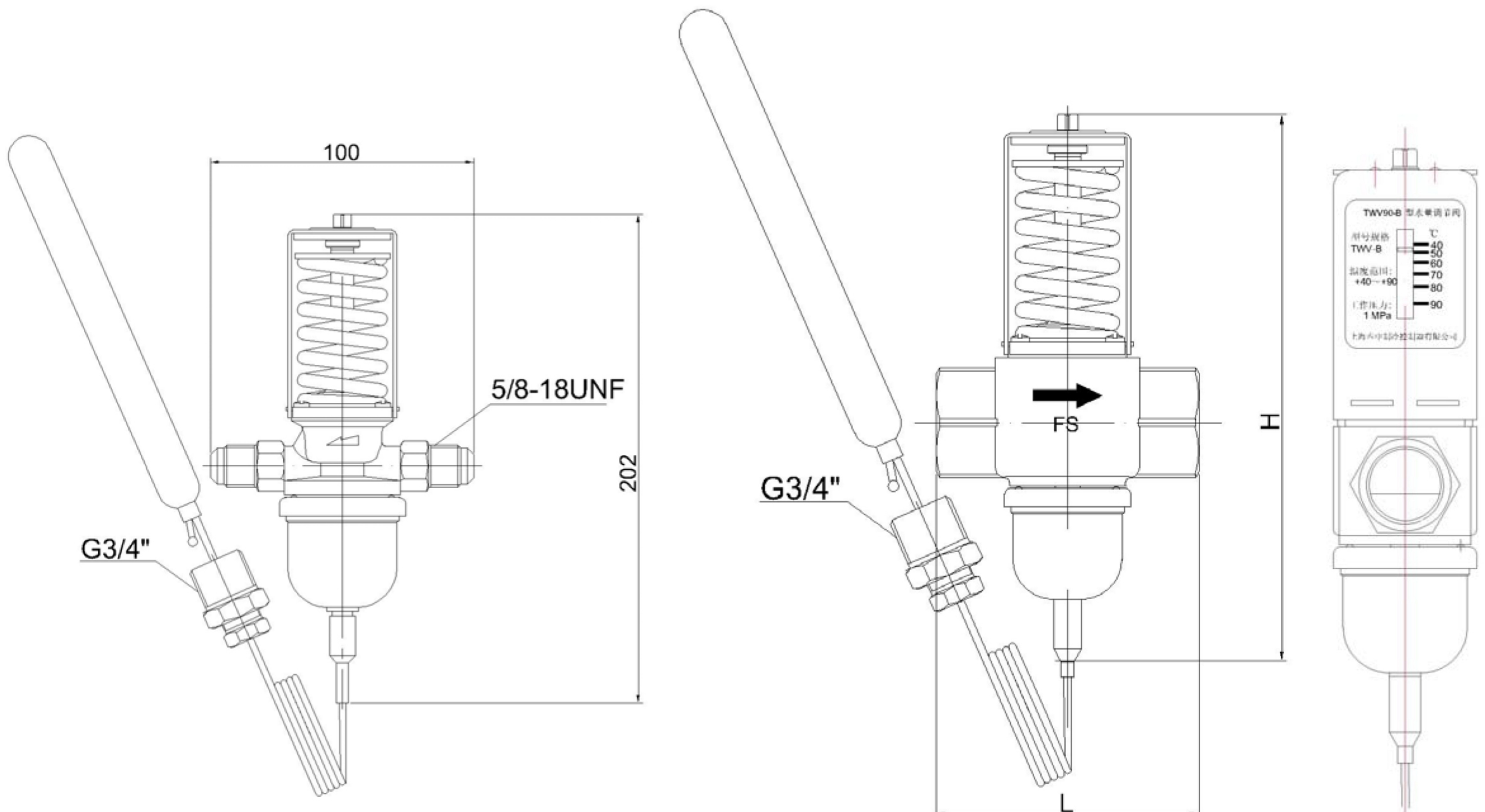
TWV series

Water pressure drop across valve: 0.1 MPa



Valve opening refrigerant temp. means difference between valve opening temperature(factory settings) and actual working temperature.

TWV series' dimension (Unit: mm)



TWV Series

Temperature controlled water valves

Introduction



TWV series temperature controlled water valves can be used in refrigeration, machinery, washing and chemicals, etc.

For TWV-F series, when the bulb temperature rises, the valve is closed. Please consult with Shanghai Fengshen Controls for TWV-F series.

TWV series temperature controlled water valve takes outlet temperature of cooling water as signal.

Its thermal bulb is inserted into outlet pipe. When the temperature rises, the valve is opened; the temperature reduces, the valve turns down.

Type & data

Model	Adjusting range (°C)	Max. Bulb temp. (°C)	Setting opening temp. (°C)	Bulb size (mm)	Medium	Max. medium temp. (°C)	Max. working pressure (MPa)
TWV30B	0→30	50	10	Φ16×150	Fresh water	60	1
TWV65B	25→65	80	40				
TWV90B	50→90	120	60				

Connection

Model	Connection	Capillary tube (m)	Dimension(mm)		Kv value (m ³ /h)
			Length(L)	Height(H)	
TWV30B, TWV65B, TWV90B	3/8" flare	1	100	202	0.8
TWV30B, TWV65B, TWV90B	G1/2	2	84	210	2.5
TWV30B, TWV65B, TWV90B	G3/4	2	84	210	3.2
TWV30B, TWV65B, TWV90B	G1	2	100	226	5.0

Kv value is the flow of water in m³/h at a pressure drop across valve of 0.1 MPa, ρ = 1000 kg/m³.