

TEMPERATURE REGULATORS

OB-30

- OB-30 for heating
- Small and compact, but accurate control
- PTFE/Stainless valve & seat enables long durability.



Application		For heating (steam, hot water)
Heated or cooled fluid		Water, Oil, Non-corrosive liquids
Max.pressure		1.7MPa (17kgf/cm ² G)
Max.differential pressure		1.0MPa (10kgf/cm ² G)
Max.temperature		185°C
Max.pressure for bulb		1.0MPa (10kgf/cm ² G)*
Set point range		0~35°C, 25~70°C, 40~100°C, 60~130°C, 70~150°C
Max.Temp. for bulb		Upper set point +40°C
Connection		JIS Rc(PT) screwed
Material	Body	Bronze
	Valve disc	PTFE
	Valve seat	Stainless steel
	Bulb	Copper(Nickel chrome plated)
Size		1/2"~1"

* Max. pressure is 1.0MPa for steam service.

** Standard capillary length is 2m, 3m, or 5m, are available.

OB-2000

- Large capacity and accurate control
- Wide temperature range
- Valve leakage meets ANSI class IV.



Application		For heating (steam)	
Heated fluid		Water, Oil, Non-corrosive liquids	
Max.pressure		2.0MPa (20kgf/cm ² G)	
Max.Temperature		220°C	
Max.pressure for bulb		1.0MPa (10kgf/cm ² G)	
Set point range		-8~15°C, 10~36°C, 30~62°C, 55~94°C, 80~127°C, 115~183°C	
Max.Temp. for bulb		Upper set point +20°C	
Connection		JIS Rc(PT) screwed	JIS 10K FF, 20K RF flanged
Material	Body	Ductile cast iron	
	Valve	Stainless steel	
	Valve seat	Stainless steel	
	Diaphragm	Stainless steel	
	Bulb	Copper(Nickel chrome plated)	
Size		1/2"~2"	1/2"~4"

* Standard capillary length is 2m, 3m, or 5m, are available.

OB-2

- Adjusting handle enable easy setting.
- Double valve structure meaning large capacity
- External pressurized bellows is high tolerant to temperature.(OB-1G,2G)



Application		For heating (steam, hot water)
Heated fluid		Water, Oil, Non-corrosive liquids
Max.pressure		0.7MPa (7kgf/cm ² G)*1
Max.Temperature		180°C
Max.pressure for bulb		1.0MPa (10kgf/cm ² G)
Set point range		40~60°C, 60~80°C, 80~100°C, 100~120°C
Max.Temp. for bulb		Upper set point +10°C
Connection		JIS 10K FF flanged
Material	Body	Cast iron
	Valve	Phosphor bronze *2
	Valve seat	Phosphor bronze *2
	Bulb	Copper(Nickel chrome plated) *2
Size		1/2"~6"

*1 Max. pressure differs from size. Contact us in detail.

*2 Stainless steel is available.