

Thermal Actuators

46002 / 46003 / 46012



The AquaHeat line of thermal actuators are the perfect solution for accurately controlling radiant heating and cooling systems. The actuators offer low power consumption, high-quality wax elements, a 5 year warranty and a range of configurations to ensure optimum performance for any job.

46002

Normally Open
Thermal Actuator

46003

Normally Closed
Thermal Actuator

46012

Normally Closed Thermal
Actuator with End Switch
(includes additional micro switch for
direct control of electrical loads)



Features & Benefits

- Easy to install
- Adaptive stroke 4mm max
- Low power consumption (2W)
- 100N spring force
- High quality wax element
- Easy closing and opening display
- 5 year warranty

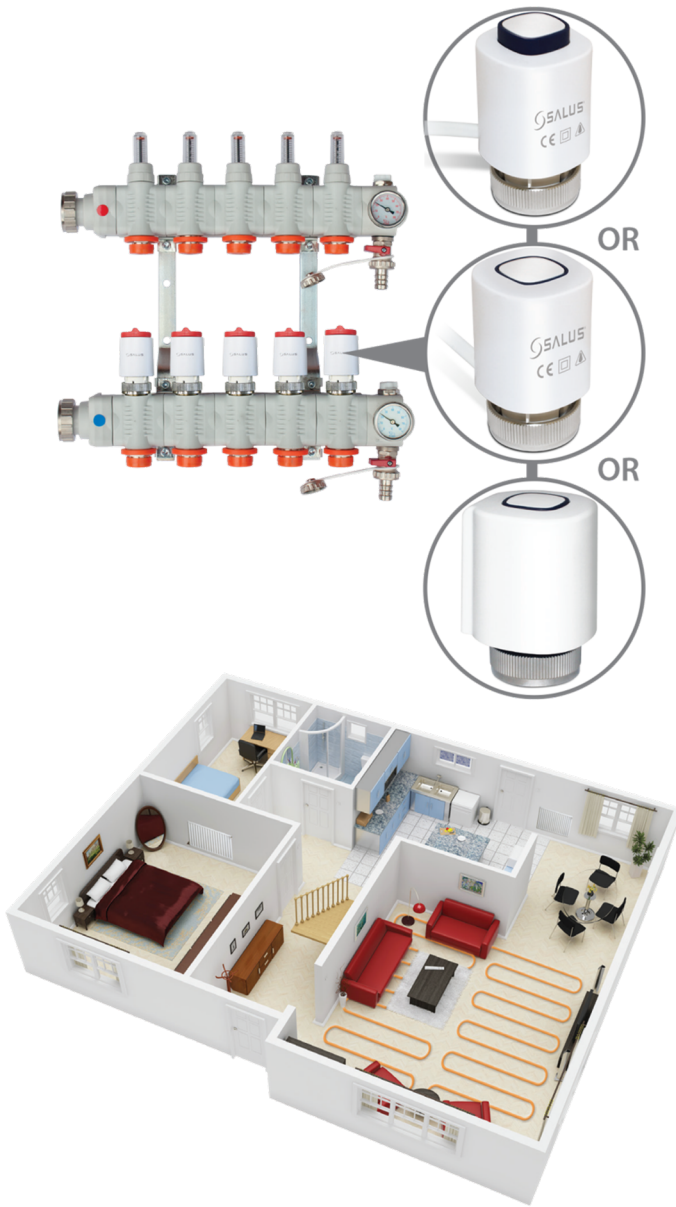

AquaHeat
Radiant heating and snowmelting products


AquaSeal
Pex piping and plumbing products


AquaMelt
Snowmelt Systems


Terre-Pex
Pre Insulated Pex-A Piping Systems

System Overview



Specifications

Indicators

Mechanical State Indicator Cap

Connections	46002	46003	46012
Power: 24 VAC 50/60 Hz			
max. inrush	200 mA	200 mA	200 mA
max. operating	90 mA	105 mA	90 mA
End Switch: 5 (1) A	-	-	✓

Mechanical

Valve Mount: M30 x 1.5	✓	✓	✓
Power Cable: 0.9m	✓	✓	
Power/End Switch Cable: 0.9m	-	-	✓
Weight	4.6 oz /130 g	4.6 oz,/130 g	6.3 oz,/179g
Dimensions	1.5" x 2.7" x 1.5" 39 x 69 x 39 mm	1.5" x 2.7" x 1.5" 39 x 69 x 39 mm	1.7" x 2.9" x 1.8" 44 x 73 x 46 mm

Environmental

Operating: 14 -158°F, -10 - 70 °C, 5 - 95% RH, non-condensing

Storage: -13 - 140°F, -25 - 60 °C, 5 - 95% RH, non-condensing

Warranty

5 years limited warranty

Compatible Devices

Note: Specifications are subject to change without notice

ComfortPro
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