

Overview

Aquastat® Controllers are immersion type devices for limiting or regulating the temperature of liquids in boilers, storage tanks, and other applications where temperature control is required.

Features

- Totally enclosed Micro Switch™ snap-acting switches operate on temperature rise to setpoint.
- Visible control point scale and external adjustment screw permit easy setting.
- Horizontal or vertical insertion of the sensing element.
- Direct or well immersion of the sensing element.
- Models available for strap-on mounting.
- Remote bulb model may be used to sense air temperature in ducts and in outside air sensing applications.
- TRADELINE models include heat-conductive compound.
- Select models have wells.
- UL limit rated device.

Product Specifications

Hazmat Information	UN1294 Toluene
Application	High Limit; strap-on mounting on well mount.
Dimensions (in.)	Case--5 5/8 in. high x 2 in. wide x 2 1/8 in. deep
Dimensions (mm)	Case--143 mm high x 51 mm wide x 54 mm deep
Temperature Range (F)	Maximum--150 F
Temperature Range (C)	Maximum--66 C
Includes	Bracket for strap-on mounting; Heat-conductive compound; Stop factory-set at 240 F (116 C)
Mounting	Horizontal or Vertical
Electrical Ratings	Millivolt--0.25 A @ 0.25 to 12 Vdc; At Full Load-- 8A @ 120 Vac: 5.1A @ 240 Vac; At Locked Rotor-- 48A @ 120 Vac: 30.6A @ 240 Vac
Approvals, Underwriters Laboratories Inc.	UL Component Recognized
Approvals, Canadian Standards Association	Certified: File No. LR95329-1
Tradeline Value	Tradeline
Operating Temperature Range (F)	100 F to 240 F
Operating Temperature Range (C)	38 C to 116 C
Bulb Size (in.)	3/8 in. x 2 7/8 in. copper
Bulb Size (mm)	10 mm x 73 mm copper
Differential Temperature (F)	Manual Reset
Differential Temperature (C)	Manual Reset
Switching Action	SPST, contacts break on temperature rise.
Capillary Length (in.)	1 1/2 in.
Capillary Length (mm)	38 mm