

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 set point.
- Visible control point scale and external adjustment screw permit easy setting.
- Horizontal or vertical insertion of the sensing element.
- Direct, well immersion, or surface mounting of the sensing element available.
- Remote bulb model may be used to sense air temperature in ducts and in outside air sensing applications.
- Direct or well immersion Tradeline models include heat-conductive compound.
- Select models have wells.

Product Specifications

Hazmat Information	UN 1294, TOLUENE, 3, II
Application	Circulator Control and High Limit or Low Limit
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 Ambient--150 F
Temperature Range (C)	Maximum Ambient--66 C
Includes	Stop factory-set at 240 F (116 C); Heat-conductive compound
Mounting	Horizontal
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: File No. MP466, Vol. 6, Sec. 1, Guide No. MBPR2
Approvals, CSA	Certified: File No. LR95329-1
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)	5 F to 30 F adj.
Differential Temperature (C)	3 C to 17 C adj.
Switching Action	SPDT
Capillary Length (in.)	3 in.
Capillary Length (mm)	76 mm