



L4006A1678/U

Aquastat, breaks on rise, 100-240F range, 240F factory stop, manual reset less well, adjustable differential

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 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--150 F

Temperature Range (C)

Maximum--66 C

Includes

Stop factory-set at 240 F (116 C); Heat-conductive compound

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: File No. MP466, Vol. 6, Sec.1, Guide No. MBPR2

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)

5 F to 30 F adj.

Differential Temperature (C)

3 C to 17 C adj.

Switching Action

SPST, contacts break on temperature rise.

Approvals, American Gas Association

AGA Certified

Capillary Length (in.)

3 in.

Capillary Length (mm)

76 mm