



Honeywell L4080B1352 Temperature Control

Reference Information

80-588 REV A

11/01/2020

Heat-flo, Inc. Part Num.: AQUASTAT-L4080B
Factory Temperature Set Point @ 125°F

L4080B1352: Immersion type control with 100°F to 200°F operating temperature and 8°F differential with *Stop* set at 150°F.

Overview

Immersion type controller for hydronic heating systems that turns off the heat when the water temperature rises to the setpoint.

Product Specifications

Description	Immersion type control with 100°F to 200°F operating temperature and 8°F differential.
Application	Immersion type controller for hydronic heating systems that turns off the burner when the boiler water temperature rises to the set point.
Insertion Depth	3 inches (76.2 mm)
Switching Action	Breaks contact on temperature to rise to set point.
Operating Temperature Range (F)	100°F to 200°F
Operating Temperature Range (C)	37.8°C to 93.3°C
Electrical Ratings (millivolt)	0.25A @ 0.25 to 12 Vdc
Electrical Ratings (AFL)	8 A @ 120 Vac
Electrical Ratings (AFL)	4 A @ 240 Vac
Electrical Ratings (ALR)	24 A @ 240 Vac
Electrical Ratings (ALR)	48 A @ 120 Vac
Differential Temperature (F)	8°F
Differential Temperature (C)	4.4°C
Maximum Ambient Temperature (F)	40°F above setpoint or 265°F, whichever is lower.
Maximum Ambient Temperature (C)	22°C above setpoint or 129°C, whichever is lower.
Case Dimensions (in.)	Insertion Depth: 3 in./Case: 3-7/8 in. High x 3-1/2 in. Wide x 3 in. Deep
Case Dimensions (mm)	Insertion Depth: 76.2mm/Case: 98.4mm High x 63.5mm Wide x 76.2mm Deep
Mounting	Mount using ¼ in. bracket with set screw
Approvals, Underwriters Laboratories Inc.	UL Listed: Models with well, File No. MP466, Guide No. MBPR; models less well, File No. MP466, Guide No. MBPR2
Approvals, American gas Association IAS	AGA Design Certified: Test Report 23-11B
Includes	Siphon Loop

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