

Product Info

Overview

Immersion type controllers for hydronic heating systems that turn off the burner whenever the boiler water temperature rises to the set point.

Features

- High Limit Aquastat Controller has adjustable set point.
- Models available for use with immersion wells or for direct immersion if faster response is needed.
- A factory-set stop is available on L4080 to prevent setting the control at too high a temperature.
- Models available with second limit switch to shut off all gas to the burner.
- Liquid fill in sensing element expands as the boiler temperature rises.
- At the set point temperature, a diaphragm-actuated snap switch breaks the power supply to the burner primary control.

Product Specifications

Application	Immersion type controllers for hydronic heating systems that turn off the burner whenever the boiler water temperature rises to the set point.
Dimensions (in.)	Insertion depth: 3 in.
Dimensions (mm)	Insertion depth: 76.2 mm
Temperature Range (F)	Maximum--40 F above setpoint or 265 F, which ever is lower.
Temperature Range (C)	Maximum--22 C above setpoint or 129.4 C, which ever is lower.
Includes	Siphon Loop
Mounting	Mount using 1/4 in. NPT female threads or surface mount through base of case
Electrical Ratings	Millivolt--0.25 A @ 0.25 to 12 Vdc; At Full Load-- 8A @ 120 Vac; 4A @ 240 Vac; At Locked Rotor-- 48A @ 120 Vac; 24A @ 240 Vac
Approvals, Underwriters Laboratories Inc.	UL Listed: -models with well, File No. MP466, Guide No. MBPR; -models less well, File No. MP466, Guide No. MBPR2
Operating Temperature Range (F)	-100 F to 200 F
Operating Temperature Range (C)	-38 C to 93 C
Differential Temperature (F)	8 F
Differential Temperature (C)	4.4 C
Switching Action	Breaks contact on temperature rise to set point.
Approvals, American Gas Association	AGA Design Certified: Test Report 23-11B
Insulation Depth (in.)	1 1/2 in. to 3 in.
Insulation Depth (mm)	38 mm to 76 mm