



Penn Series A-19 Temperature Control

Reference Information

80-587 REV A

11/01/2020

Heat-flo, Inc. Part Num.: THERMAL CONTROL_A-19
Factory Temperature Set Point @ 125°F

Penn Series A-19 Temperature Control: Immersion type control with 50°F to 200°F operating temperature and 6°F differential with *Stop* set at 150°F.

Overview

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

Product Specifications

Description-----	Immersion type control with 100°F to 200°F operating temperature and 6°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 -----	2.4 inches
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) -----	10 A @ 120 Vac
Electrical Ratings (AFL) -----	6 A @ 240 Vac
Electrical Ratings (ALR)-----	60 A @ 240 Vac
Electrical Ratings (ALR)-----	36 A @ 120 Vac
Differential Temperature (F)-----	6°F
Differential Temperature (C) -----	3.4°C
Case Dimensions (in.) -----	Insertion Depth: 2.4 in./Case: 4.4 in. High x 2.2 in. Wide x 2.6 in. Deep
Mounting -----	Mount using ¼ in. bracket with set screw
Approvals, Underwriters Laboratories Inc. ----	UL File No. E6688
Approvals, American gas Association IAS ----	CSA File No. LR948/4813 02

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