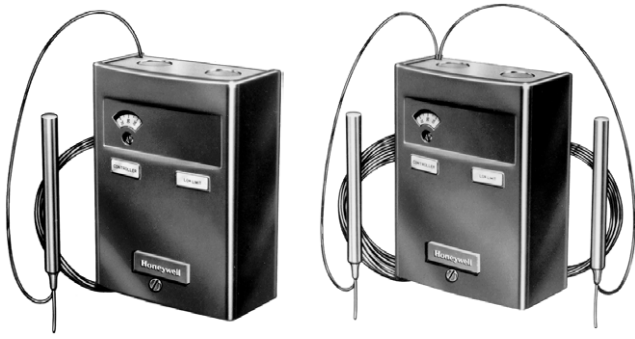


Modulating Reset Temperature Controller

T991E,F Proportional Temperature Controller



Provide both on-off and modulating control of water or air temperatures in ducts, tanks and similar applications.

- Micro Switch™ end switch cycles burner on and off at low fire; T991 then modulates burner as required.
- Designed for use with V9055; can be used with any series 90 motor.
- Ambient compensated.
- Set point adjustment on front of case.
- Switch makes 1 F (0.6 C) above end of throttling range.
- Mount using three holes in the back of the case.

Application: Provides on/off and modulating control of water or air temperature in ducts or tanks

Type: Remote bulb

Color: Gray

Number of Sensors: 1

Analog Output: One 135 Ohm Potentiometer

Output: 1 spst

Sensor Element: Copper bulb

Throttling Range: 11 F (6 C)

Frequency: 50 Hz, 60 Hz

Replacement Parts:

See table on page 801

Product Number	Bulb Size		Capillary Length		Maximum Operating Temperature		Differential Temperature		Setpoint Temperature Range		Comments
	(inch)	(mm)	(ft)	(m)	(F)	(C)	(F)	(C)	(F)	(C)	
T991E1018	1/2 in. diameter, 4 3/16 in. long	13 mm diameter, 107 mm long	5 ft	1.5 m	280 F	138 C	4 F additive	2.2 C additive	160 F to 260 F	71 C to 127 C	—
T991E1034	1/2 in. diameter, 4 3/16 in. long	13 mm diameter, 107 mm long	5 ft	1.5 m	200 F	93 C	4 F additive	2.2 C additive	55 F to 175 F	13 C to 79 C	—
T991F1009	1/2 in. diameter, 4 3/16 in. long	13 mm diameter, 107 mm long	Indoor: 10 ft., Outdoor: 30 ft.	Indoor: 3 m, Outdoor: 9.1 m	265 F	129 C	4 F additive	2.2 C additive	70 F to 140 F	21 C to 60 C	Indoor bulb temperature plus outdoor bulb temperature must not exceed 265 F (129 C).