



1F72-151

70 SERIES™ THERMOSTATS

The perfect upgrade from mechanical thermostats available in Heat Pump or Single Stage that offer economy and value with proven reliability.

FEATURES

- Horizontal and vertical models
- Programmable and non-programmable models
- Selectable Celsius or Fahrenheit temperature display
- Fossil fuel or electric heat compatible
- Electronic accuracy
- Temperature accuracy for customers on a budget

SPECIFICATIONS

Electrical Rating Hardwire (Heat Pump)..... 20 to 30 VAC, NEC Class II 50/60 Hz
 Electrical Rating Battery Power (Single Stage)..... mV to 30 VAC, NEC Class II 50/60 Hz or DC
 Terminal Load..... 1.5 Amps per terminal, 2.5 Amps maximum (all terminals combined)
 Set-point Range.....45 to 99°F (7 to 37°C)
 Heat Differential (Conventional / Gas / Oil / Elec)..... Fast 0.75°, Slow 1.9°F
 Cool Differential (Central Air)..... 1.2°F
 Heat Pump Differential (Heat and Cool).....Fast 0.9°F, Slow 1.7°F
 Aux. Heat DifferentialFast 0.5°F, Slow 1.9°F
 Operating Humidity0%-90% RH non-condensing max.
 Dimensions 3.19"H X 5.13"W X 1.13"D
 Storage Temperature Range -40 to 150°F (-29 to 65°C)

PARTS & ACCESSORIES

DESCRIPTION	MODEL NUMBER	ITEM NUMBER
Thermostat Guard - Clear Plastic	F29-0198	F29-0198
Locking Thermostat Guard - Metal, Solid Base	F29-0220	F29-0220
Wallplate for all Emerson 70 Series thermostats, 6.50"W x 4.50"H, Includes adapter plate for mounting to horizontal or vertical junction box	F61-2510	F0061 251000S1
Wallplate for 1d70, 1E70 models with adapter for horizontal Or vertical junction box 4.5"W x 6.59"H	F61-2593	F0061 255000S1

See Thermostat Guards for additional options.

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PROGRAMS	STAGES BY SYSTEM	SYSTEM TYPE	MODEL NUMBER	ITEM NUMBER	APPLICATIONS								POWER SOURCE	SELECTABLE PERFORMANCE FEATURES						AVAILABLE CONNECTIONS	
					Gas / Oil / Electric	3 Wire Zone Valve	Milivolt Compatible	Economizer	Humidity Control	Dual Fuel Heat Pump Control Logic (L) Outdoor Sensor (O)	Remote Sensor Options Indoor (I) Outdoor (O)	Battery (B) Hardwire / Common (H) Power Sharing (PS)		Auto Changeover	Programmable Fan (PF) Comfort Circulating Fan (CC)	Filter Change Reminder	Energy Mgt. Recovery / Early Start	Total Keypad Lockout (T)	Partial Keypad Lockout (P)		Set-Point Temperature Limits Adjustable Max/Min
5+2	4	— — 2/1	Heat Pump	1F72-151	01F72 151S1	√	—	—	—	—	—	—	H	—	—	—	√	—	—	1.2" K, C	R, C, W2, E, Y, O/B, G, L
NP	∅	— — 2/1	Heat Pump	1F79-111	01F79 111S1	√	—	—	—	—	—	—	H	—	—	—	—	—	—	1.2" K, C	R, C, W2, E, Y, O/B, G, L
5+2	4	1/1 — 1/1	Single Stage	1F78-151	01F78 151S1	√	—	√	—	—	—	—	B	—	—	—	√	—	—	1.2" K	RC, RH, W, Y, O, B, G
5+2	4	1/1 — 1/1	Single Stage Vertical	1E78-151	01E78 151	√	—	√	—	—	—	—	B	—	—	—	√	—	—	1.2" K	RC, RH, W, Y, O, B, G
NP	∅	1/1 — 1/1	Single Stage	1F78-144	01F78 144S1	√	—	√	—	—	—	—	B	—	—	—	—	—	—	1.2" K	RC, RH, W, Y, O, B, G
NP	∅	1/1 — 1/1	Single Stage Vertical	1E78-144	01E78 144	√	—	√	—	—	—	—	B	—	—	—	—	—	—	1.2" K	RC, RH, W, Y, O, B, G
NP	∅	1/0 — —	Single Stage	1E78-140	01E78 140	√	—	√	—	—	—	—	B	—	—	—	—	—	—	1.2" K	RH, W

¹ Universal thermostats provide the flexibility to control Single Stage, Multi-Stage, or Heat Pump Systems. * Does not control fan on a call for heat.