



1F89-211



1F87-361

# CLASSIC 80 SERIES™ THERMOSTATS

Our Classic 80 Series is available as universal, heat pump and single stage styles offering proven performance and reliability.

## FEATURES

- Choice of battery powered, dual power or hardwired models
- Fossil fuel or electric heat compatible
- Permanent program retention during power loss
- Configuration menu allows keypad selection of options
- Selectable energy management recovery (1F80-361 / 1F87-361 / 1F82-261)

## SPECIFICATIONS

Electrical Rating Hardwire ..... 20-30 VAC, NEC Class II 50/60Hz  
 Electrical Rating Battery Power ..... mV to 30 VAC  
 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 0.5°F, 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 Differential ..... Fast 0.5°F, Slow 1.9°F  
 Operating Humidity ..... 0%-90% RH non-condensing max.  
 Dimensions ..... 3.88"H X 6.00"W X 1.88"D  
 Storage Temperature Range ..... -40 to 150°F (-29 to 65°C)

## PARTS AND 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 Classic 1F80's 4.63"W X 7.63"H Includes adapter plate for mounting to horizontal or vertical junction box	F61-2500	F0061 250000S1

See Thermostat Guards for additional options.

## UNIVERSAL STAGING / HEAT PUMP THERMOSTATS – CLASSIC 80 SERIES THERMOSTATS

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	Millivolt 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+1+1	4	— — 2/1	Heat Pump	1F82-261	01F82 261S1	√	—	—	—	—	—	—	H	—	—	√	√	—	—	—	1.8" K,C	R, C, W2, E, Y, O/B, G, L
NP	∅	— — 2/1	Heat Pump	1F89-211	01F89 211S1	√	—	—	—	—	—	—	H	—	—	√	—	—	—	—	1.8" K,C	R, C, W2, E, Y, O/B, G, L
7-day	4	1/1 — 1/1	Single Stage	1F87-361	01F87 361	√	—	√	—	—	—	—	B, H	—	—	√	√	—	—	—	2.2" K	RC, RH, C, W, Y,O, B, G
5+1+1	4	1/1 — 1/1	Single Stage	1F80-361	01F80 361	√	—	√	—	—	—	—	B, H	—	—	√	√	—	—	—	2.2" K	RC,RH, C, W, Y,O, B, G
NP	∅	1/1 — 1/1	Single Stage	1F86-344	01F86 344	√	—	√	—	—	—	—	B, H	—	—	√	—	—	—	—	2.2" K	RC, RH, C, W, Y,O, B, G

<sup>1</sup> Universal thermostats provide the flexibility to control Single Stage, Multi-Stage, or Heat Pump systems.