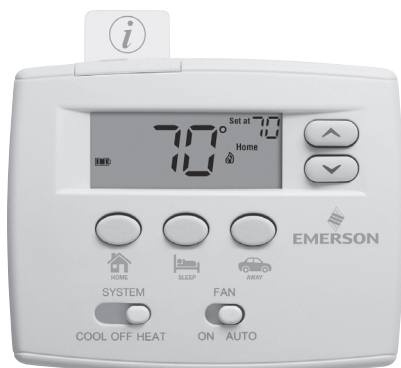
**1F82-0261****1F86-0244****1F86EZ-0251**

Easy Set Single Stage

## BLUE 2" HEAT PUMP AND SINGLE STAGE THERMOSTATS – 2 SQ. IN. DISPLAY

Heat Pump or Single Stage Models, Easy to See Display Characters Offering a Step Up from 70 Series

### FEATURES

- Heat Pump or Single Stage models.
- Easy set models feature simple **Home-Sleep-Away** preset buttons.
- Programmable, 5/1/1 Day, 24 Hour, 0-Day or Non-Programmable.
- Gas, Oil, Electric, mV.
- Cool Savings™ saves energy during peak A/C demand periods.
- Lighted display for easier low light viewing.
- Dual power – hardwired and/or battery powered.
- Fits horizontal junction box.
- Air filter change indicator option.

### SPECIFICATIONS

Electrical Rating:

Hardwire	20-30 VAC, NEC Class II 50/60Hz
Battery Power	mV to 30 VAC, NEC Class II, 50/60 Hz or DC
Terminal Load Staging Models	1.5 A per terminal, 2.5 A maximum all terminals combined
Terminal Load Single Stage Models	1.0A per terminal 1.5A maximum all terminals combined

Setpoint Range . . . . . 45 to 90°F (7 to 32°C)

Rated Differentials, Universal Models:	Fast	Med.	Slow
Heat (Single Stage)	0.8°F		1.2°F
Cool (Single Stage)	1.2°F		1.7°F
Heat Pump	1.2°F		1.7°F
Aux./Emer Heat	0.8°F		1.2°F

Rated Differentials, Single Stage Models:	Fast	Med.	Slow
Heat	0.6°F	0.8°F	1.2°F
Cool	1.2°F		1.7°F
Heat Pump	0.8°F		1.2°F

Operating Ambient . . . . . 32 to +105°F (0 to +41°C)

Operating Humidity . . . . . 90% non-condensing max.

Shipping Temperature Range . . . . . -4 to +150°F (-20 to +65°C)

Dimension . . . . . 3<sup>3</sup>/<sub>4</sub>"H x 4<sup>3</sup>/<sub>4</sub>"W x 1<sup>1</sup>/<sub>2</sub>"D

### PARTS AND ACCESSORIES

See end of thermostats section for additional parts and accessories

- F61-2634 — Wallplate 6<sup>1</sup>/<sub>2</sub>"W X 5"H, for use with or without horizontal junction box
- F61-2648 — Wallplate (6 pack of F61-2634 above)
- Thermostat Guards — see pages 34–35 for quick selection



HEAT PUMP THERMOSTATS – BLUE 2" THERMOSTATS

Single Stage	Multi-Stage	Heat Pump	Programs		Model	Applications				Thermostat Power Source*	Selectable Performance Features						Comfort and Convenience Features			Terminals
			Stages Heat/Cool by System	Program Options		Periods Per Day Options	Model Number	Gas / Oil / Electric	3 Wire Zone Valve		Millivolt Compatible	Humidity Control (H)-Humidity / (D)-Dehumidify	Auto Changeover	Programmable Fan	Energy Mgt. Recovery	Keypad Lockout (T)-Total / (P)-Partial	Set-Point Temperature Limits Adjustable Max/Min	Indoor Remote Sensors Max. Number + Thermostat Average and/or Weighted	Outdoor Remote Sensor	
		2/1	5+1+1	4	1F82-0261	✓	✓		B, H			✓				2.0	✓***	P	R, C, W2, Y, O/B, G, L	
		2/1	Easy Set Non-Programmable – Home-Sleep-Away		1F89EZ-0251	✓	✓		B, H							2.0	✓***	P	R, C, W2, Y, O/B, G, L	
		2/1	∅	∅	1F89-0211	✓	✓		B, H							2.0	✓***	P	R, C, W2, Y, O/B, G, L	

SINGLE STAGE THERMOSTATS – BLUE 2" THERMOSTATS

Single Stage	Multi-Stage	Heat Pump	Programs		Model	Applications				Thermostat Power Source*	Selectable Performance Features						Comfort and Convenience Features			Terminals
			Stages Heat/Cool by System	Program Options		Periods Per Day Options	Model Number	Gas / Oil / Electric	3 Wire Zone Valve		Millivolt Compatible	Humidity Control (H)-Humidity / (D)-Dehumidify	Auto Changeover	Programmable Fan	Energy Mgt. Recovery	Keypad Lockout (T)-Total / (P)-Partial	Set-Point Temperature Limits Adjustable Max/Min	Indoor Remote Sensors Max. Number + Thermostat Average and/or Weighted	Outdoor Remote Sensor	
1/1		1/1	5+1+1	4	1F80-0261	✓	✓		B, H			✓				2.0	✓***	P	R, C, W, Y, O/B, G	
1/1		1/1	24 Hours	4	1F80-0224	✓	✓		B, H			✓				2.0	✓***	P	R, C, W, Y, O/B, G	
1/1		1/1	Easy Set Non-Programmable – Home-Sleep-Away		1F86EZ-0251	✓	✓		B, H							2.0	✓***	P	R, C, W, Y, O/B, G	
1/1		1/1	∅	∅	1F86-0244	✓	✓		B, H							2.0	✓***	P	R, C, W, Y, O/B, G	

\* H = Hardwired (Requires Common)  
B, H = Battery Powered or Hardwired

B = Battery Powered  
\*\*\* Optional Continuous Display Light w/ Hardwire connection



TECHNICAL HELP

1F80-0224 / 1F80-0261 /  
1F86-0244 / 1F87-0261..... Wiring Diagrams/Configuration ..... See pages 155–156  
1F82-0261 / 1F89-0211 ..... Wiring Diagrams/Configuration ..... See pages 157–158