

# EMERSON BLUE 6" THERMOSTATS

White  
Rodgers.



**1F95EZ-0671**



**1F95-0671**



**1F95-0680**



**F145-1328**  
Indoor Remote Sensor



**F145-1378**  
Outdoor Remote Sensor



## BLUE 6" - UNIVERSAL AND SINGLE STAGE MODELS - 6 SQ. IN. DISPLAY

Blue 6" Models Offer More Premium Features than Higher Priced Competitive Touchscreen Models.

### FEATURES

- Universal models quickly configure for single stage, multi-stage or heat pump and heat pump dual fuel systems - programmable or non-programmable
- **Easy Reader model is easy to read and easy to use.**
- **Commercial** offers occupied damper or economizer control and locking cover and subbase
- **Staging** control for nearly all conventional and heat pump systems
- **Single stage** model compatible with all single stage systems low voltage, 750 mV and 3-wire zone systems. 1F97-0671 not pictured.
- Heat Pump dual fuel option eliminates the need for a fossil fuel kit.
- Automatic changeover option.
- Program fan options.
- Keypad lockout and setpoint temperature limit options.
- Indoor remote sensor for averaging option.
- Outdoor remote sensor option on select Universal models for outdoor temperature reading and dual fuel balance point or outdoor thermostat function (select models)
- Dual power - hardwire and/or battery or Tripower - hardwire and/or battery with system assist.

### 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 . . . . .	1.5 A per terminal, 2.5 A maximum all terminals combined

Setpoint Range . . . . . 45 to 99°F (7 to 37°C)

Rated Differentials, Universal Models: Fast Slow

Heat(Single Stage/Multi-Stage) . . . . . 0.6°F 1.2°F

Cool (Single Stage/Multi-Stage) . . . . . 1.2°F 1.7°F

Pump . . . . . 1.2°F 1.7°F

Emer. Heat . . . . . 1.2°F 1.7°F

Rated Differentials - Single Stage Models: Fast Slow

Heat . . . . . 0.6°F 1.2°F

Cool . . . . . 1.2°F 1.7°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 . . . . . 4<sup>3</sup>/<sub>16</sub>" H x 6<sup>1</sup>/<sub>2</sub>" W x 1<sup>5</sup>/<sub>8</sub>" D  
(1<sup>7</sup>/<sub>8</sub>" D - Commercial model )

### PARTS AND ACCESSORIES See end of this section for additional parts and accessories

- F145-1328 — Indoor Remote Sensor
- F145-1378 — Outdoor Remote Sensor
- F61-2600 — Wallplate 8<sup>1</sup>/<sub>8</sub>" W X 5<sup>3</sup>/<sub>8</sub>" H
- F61-2634 — Wallplate 6<sup>1</sup>/<sub>2</sub>" W x 5" H (or order F61-2648 – 6 pack of F61-2634)
- F29-0198 — Locking Thermostat Guard - Clear Plastic
- F29-0220 — Locking Thermostat Guard - Metal, Solid Base
- Additional Thermostat Guards — see pages 24-25 for quick selection options

**UNIVERSAL STAGING/HEAT PUMP THERMOSTATS – EMERSON BLUE 6" 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	Dual Fuel Heat Pump Control (L)-Logic / (O)-Outdoor Sensor	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		Display Size Square inches	Lighted Display
1/1	2/2	4/2	7, 5+1+1, Ø	4, 2, Ø	1F95-0680 Universal Commercial	✓	✓	✓		B, H, PA	✓	✓	✓	O <sup>†</sup>	T, P	✓	1 + 1	1▼	6.0	✓***	✓	P	RC, RH, C, G, Y, Y2, W/E, W2, O/B, L, +, S, -, 6, A1
1/1	2/2	4/2	7, 5+1+1, Ø	4, 2, Ø	1F95-0671 Universal	✓	✓	✓		B, H, PA	✓	✓	✓	O <sup>†</sup>	T, P	✓	1 + 1	1▼	6.0	✓***	✓	P	RC, RH, C, G, Y, Y2, W/E, W2, O/B, L, 6, +, S, -
1/1	2/2	4/2	Ø, 7	2, 4	1F95EZ-0671 Easy Reader	✓	✓	✓		B, H, PA	✓	✓	✓	L		✓			6.0	✓***	✓	P	RC, RH, C, G, Y, Y2, W/E, W2, O/B, L

**SINGLE STAGE THERMOSTAT – EMERSON BLUE 6" THERMOSTAT**

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	Dual Fuel Heat Pump Control (L)-Logic / (O)-Outdoor Sensor	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		Display Size Square inches	Lighted Display
1/1		1/1	7, 5+1+1, Ø	4, 2, Ø	1F97-0671	✓	✓	✓		B, H, PA	✓	✓	✓		T, P	✓	1 + 1	1▼	6.0	✓***	✓	P	RC, RH, C, W, Y, G, O, B, L, 6, +, S, -

\* H = Hardwired (Requires Common)  
 B, H = Battery Powered or Hardwired  
 B = Battery Powered  
 PA = Power Saving Battery Assist

† If F145-1378 outdoor remote sensor is not used, install manufacturers fossil fuel kit for Dual Fuel applications  
 \*\*\* Optional Continuous Display Light w/ Hardwire connection  
 ▼ Only one (1) remote sensor may be used – either Indoor or Outdoor



**TECHNICAL HELP**

1F97-0671 .....	Wiring Diagrams/Configuration .....	See pages 134-135
1F95EZ-0671 .....	Wiring Diagrams/Configuration .....	See pages 136-137
1F95-0671 .....	Wiring Diagrams/Configuration .....	See pages 138-140
1F95-0680 .....	Wiring Diagrams/Configuration .....	See pages 141-143