



1F95EZ-0671



1F95-0671



1F95-0680



F145-1328
Indoor Remote Sensor



F145-1378
Outdoor Remote Sensor



BLUE 6" - UNIVERSAL COMMERCIAL AND EASY READER THERMOSTATS - 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 4³/₁₆" H x 6¹/₂" W x 1⁵/₈" D
(1⁷/₈" D – Commercial model)

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

- F145-1328 — Indoor Remote Sensor
- F145-1378 — Outdoor Remote Sensor
- F61-2600 — Wallplate 8¹/₈" W X 5³/₈" H
- F61-2634 — Wallplate 6¹/₂" 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 34–35 for quick selection options

UNIVERSAL STAGING/HEAT PUMP THERMOSTATS – 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, ∅	4, 2, ∅	1F95-0680 Universal Commercial	✓	✓	✓		B, H, PA	✓	✓	✓	O [‡]	T, P	✓	1 + 1	1▼	6.0	✓***	✓	P	RC, RH, C, W/E, W2, Y, Y2, O/B, G, L, 6, +, S, -, A1
1/1	2/2	4/2	7, 5+1+1, ∅	4, 2, ∅	1F95-0671 Universal	✓	✓	✓		B, H, PA	✓	✓	✓	O [‡]	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	∅, 7	4, 2, ∅	1F95EZ-0671 Easy Reader	✓	✓	✓		B, H, PA			✓	L	✓				6.0	✓***	✓	P	RC, RH, C, W/E, W2, Y, Y2, O/B, G, L, 6,

* 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

1F95EZ-0671..... Wiring Diagrams/Configuration..... See pages 139–140
 1F95-0671 Wiring Diagrams/Configuration..... See pages 141–143
 1F95-0680 Wiring Diagrams/Configuration..... See pages 144–146