

BLUE™ 4" Thermostats

4-square-inch display

Single Stage Applications

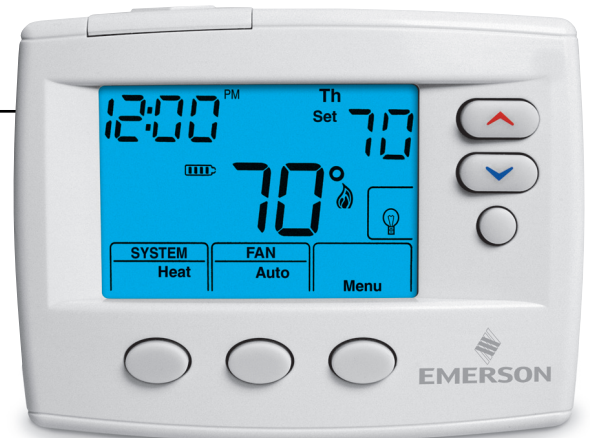
Programmable 5/1/1, 5/2 or Ø Day and Non-Programmable
Dual Powered – Hardwired or Battery Powered
Includes Wall Plate F61-2634



PROGRAMMABLE MODELS

1F80-0471 1H/1C 5/1/1, 5/2 or Ø Day Option

1F80ST-0471 1H/1C 5/1/1, 5/2 or Ø Day Option
Selecto – Spanish Language Model

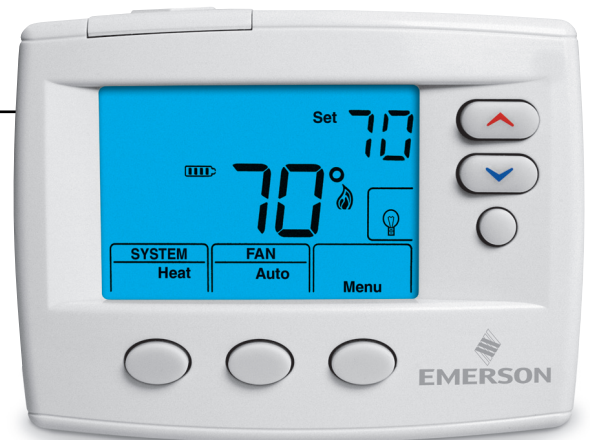


Programmable

NON-PROGRAMMABLE ONLY MODELS

1F86-0471 1H/1C

1F86ST-0471 1H/1C
Selecto – Spanish Language Model



Non-Programmable

Emerson BLUE 4" Features:

- Easy-to-Read 4-Square-Inch Blue Display
- Battery Power Monitor
- Millivolt and Hydronic Zone Valve Compatible
- Exclusive Cool Savings™

5-Year Warranty

BLUE™ 4" Thermostats

1F80-0471/1F80ST-0471
 Programmable 5/1/1, 5/2 or Ø Day Option
 1F86-0471/1F86ST-0471
 Non-Programmable Only

- For Single Stage Applications
- Programmable 5/1/1, 5/2 or Ø Day and Non-Programmable
- Hardwired or Battery Powered

Blue 4" Features

Large, 4-square-inch blue display with easy-to-see characters
 Configures as manual heat/cool, auto changeover, heat only or cool only
 Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
 Hydronic 2 or 3 wire applications
 Battery power monitor
 Easy-access battery compartment
 5-year warranty

Programming

Choice of 5/1/1, 5/2 or Ø day programmable (1F80-0471, 1F80ST-0471)
 4 time and 4 temperature settings per program (heat & cool)
 Energy savings up to 33%
 Pre-programmed software simplifies time and temperature programming

Display

Large LCD with improved contrast for easier reading
 Lighted display for easier low-light viewing

Comfort & Convenience

Permanent program retention during power loss
 Indefinite setpoint Hold
 Air filter change indicator (optional)
 Simple "set-up" menu to activate optional features
 Temporary temperature override two-hour minimum or until next program period (1F80-0471, 1F80ST-0471)
 Soft-touch keypad
 Display temperature recalibration (+/- 4°)

Performance

Dual-Powered...choice of battery-powered or hardwired, for all applications – 2 AA batteries included
 Selectable Energy Management Recovery (1F80-0471, 1F80ST-0471)
 Meets ENERGY STAR® specifications (1F80-0471, 1F80ST-0471)
 Meets California Building Code, Title 24 (1F80-0471, 1F80ST-0471)
 Fast (FA), medium (ME) or slow (SL) heating cycle anticipation
 Easy-to-wire terminal block
 Compressor lockout protection
 Millivolt compatible
 Electric heat option

Terminal Designations



Dimensions

4.4"W x 3.4"H x 1.2"D

Electrical Specifications

Rating
 0 to 30 VAC, 50/60 Hz or DC
 0.05 to 1.5 Amps (load per terminal)
 2.5 Amps maximum load (all terminals combined)
Single Stage Systems
 Gas, Oil, Electric
Millivolt Systems
 2 or 3 Wire Hydronic Zone Valve

Thermal Specifications

Setpoint Temperature Range:
 45° to 90°F (7° to 32°C)
Rated Differential: 0.4° to 1.7°F with adjustable anticipation
Operating Ambient Temperature:
 32° to 105°F (0° to 40°C)
Operating Humidity Range:
 90% non-condensing maximum
Shipping Temperature Range:
 -40° to 150°F (-40° to 65°C)

Accessories

Wall Plate F61-2634 (6.5"W x 5"H) (Included with all models)
 Thermostat Guard F29-0231
 (For additional guard options refer to White-Rodgers catalog at www.white-roddgers.com)

For Additional Information

Visit www.white-roddgers.com

Single Stage	Multi-Stage	Heat Pump	Programs	Model	Applications	Selectable Performance Features										Comfort and Convenience Features					
Stages Heat/Cool by System	Program Options	Model Number	Gas/Oil/Electric	Comfort Alert	3 Wire Zone	Millivolt	Power Source	Auto Changeover	Programmable Fan	Energy Mgt. Recovery	Energy Star	Dual Fuel Option	Temperature Limits	Indoor Remote Sensor	Outdoor Remote Sensor	Lighted Display***	Audible Feedback	Cool Savings™	Daylight Savings Adjustment	Ignition Module Reset	Permanent Memory
1/1		1/1	5/1/1, 5/2, Ø	1F80-0471	✓	✓	✓	B,H	✓		✓	✓				✓	✓			✓	✓
1/1		1/1	5/1/1, 5/2, Ø	1F80ST-0471	✓	✓	✓	B,H	✓		✓	✓				✓	✓			✓	✓
1/1		1/1	Ø	1F86-0471	✓	✓	✓	B,H	✓							✓	✓			✓	✓
1/1		1/1	Ø	1F86ST-0471	✓	✓	✓	B,H	✓							✓	✓			✓	✓

B=Battery, H=Hardwired *** Optional Continuous Display Light w/Hardwire Connection



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www.white-roddgers.com
www.emersonclimate.com

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WR-3000-2