

BLUE™ 4" Thermostats

4-square-inch display

Single Stage Applications

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



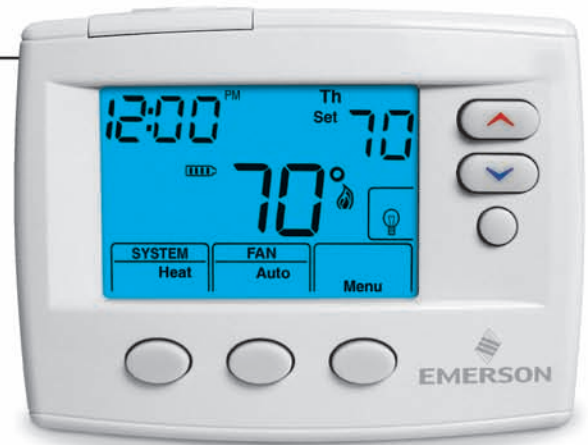
PROGRAMMABLE MODELS

1F80-0471 1/1 5+1+1, 5+2, \emptyset Day

1F80ST-0471 1/1 5+1+1, 5+2, \emptyset Day
Selecto – Spanish Language Model



1F80ST-0471
Spanish Language Display



Programmable

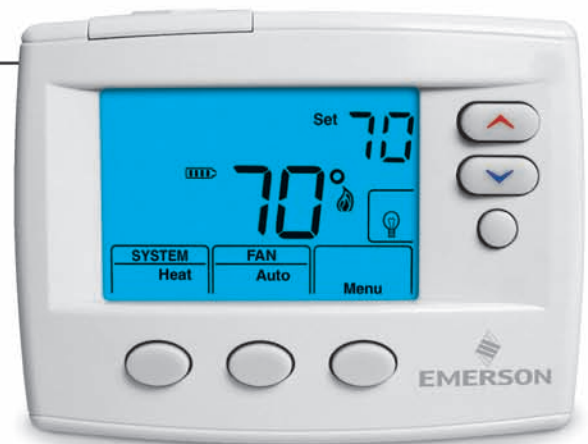
NON-PROGRAMMABLE MODELS

1F86-0471 1/1 \emptyset Day

1F86ST-0471 1/1 \emptyset Day
Selecto – Spanish Language Model



1F86ST-0471
Spanish Language Display



Non-Programmable

Emerson BLUE 4" Features:

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

5-Year Warranty

White
Rodgers™

EMERSON
Climate Technologies

BLUE™ 4" Thermostats

1F80-0471/1F80ST-0471

5/1/1, 5/2 or ∅ Day Programmable

1F86-0471/1F86ST-0471

Non-Programmable

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

Exclusive 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
- Three anticipation settings
- Exclusive battery power monitor
- Longer battery life
- Easy-access battery compartment
- 5-year warranty

Programming

- Choice of 5/1/1, 5/2 or ∅ day programmable (1F80-0471, 1F80ST-0471)
- 4 time and 4 temperature settings per program (heat & cool)
- Energy savings up to 33%
- Patented 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) 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)
- Standard Systems**
Gas, oil, electric
- Single Stage
- 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-rodgers.com)

For Additional Information

Visit www.white-rodgers.com

Single Stage	Multi-Stage	Heat Pump	Programs	Model	Applications				Power Source	Selectable Performance Features							Comfort and Convenience Features				
					Gas/Oil/Electric	Comfort Alert	3 Wire Zone	Millivolt		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
1/1		1/1	5+1+1,5+2,∅	1F80-0471	✓	✓	✓	B,H	✓		✓	✓	✓	✓			✓	✓	✓	✓	✓
1/1		1/1	5+1+1,5+2,∅	1F80ST-0471	✓	✓	✓	B,H	✓		✓	✓	✓	✓			✓	✓	✓	✓	✓
1/1		1/1	∅	1F86-0471	✓	✓	✓	B,H	✓					✓			✓	✓	✓	✓	✓
1/1		1/1	∅	1F86ST-0471	✓	✓	✓	B,H	✓					✓			✓	✓	✓	✓	✓

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

White
Rodgers™

St. Louis, Missouri Markham, Ontario
314-553-3600 905-948-3411
www.white-rodgers.com
www.emerson.com

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