BLUE™ 4" Thermostats

4-square-inch display

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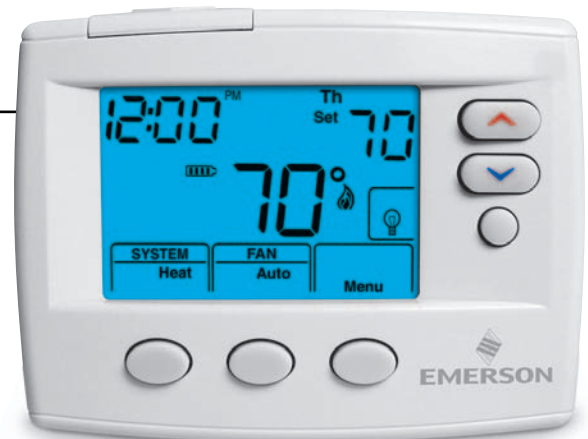
Programmable 5/1/1, 5/2 or Ø Day and Non-Programmable
Dual Powered – Hardwired or Battery Powered
Includes Wall Plate F61-2634

±1° ACCURACY OPTIMUM COMFORT AND PERFORMANCE ™

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
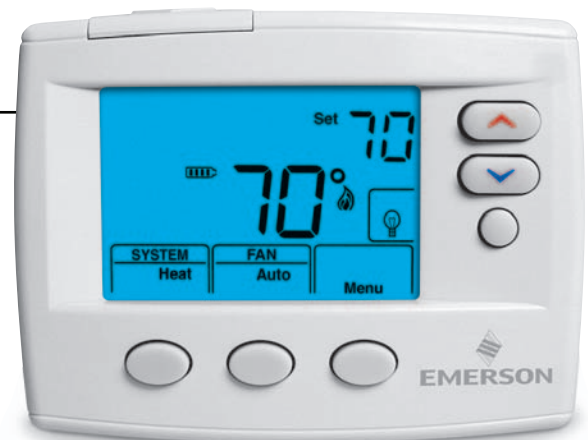Selecto™ – Spanish Language Model

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

White Rodgers™

EMERSON
Climate Technologies

BLUE™ 4" Thermostats

• 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 (+/- 4º)

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 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

(RC) (RH) (C) (W) (Y) (G) (O/B)

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: 45º to 90ºF (7º to 32ºC)

Rated Differential: 0.4º to 1.7ºF with adjustable anticipation

Operating Ambient Temperature: 32º to 105ºF (0º to 40ºC)

Operating Humidity Range: 90% non-condensing maximum

Shipping Temperature Range: -40º to 150ºF (-40º to 65ºC)

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					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	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