



BLUE™ Universal Thermostats

4 square inch display

Single Stage / Multi-Stage / Heat Pump Applications

Non-Programmable, Programmable 5/1/1, 5/2 Day or 0 Programmable

Hardwired or Battery Powered

Includes Wall Plate F61-2634



PROGRAMMABLE MODELS

1F85-0471 3/2

1F85CA-0471 3/2

Comfort-Alert Model
with Active Protection for Systems with
ComfortAlert Compressor Diagnostics

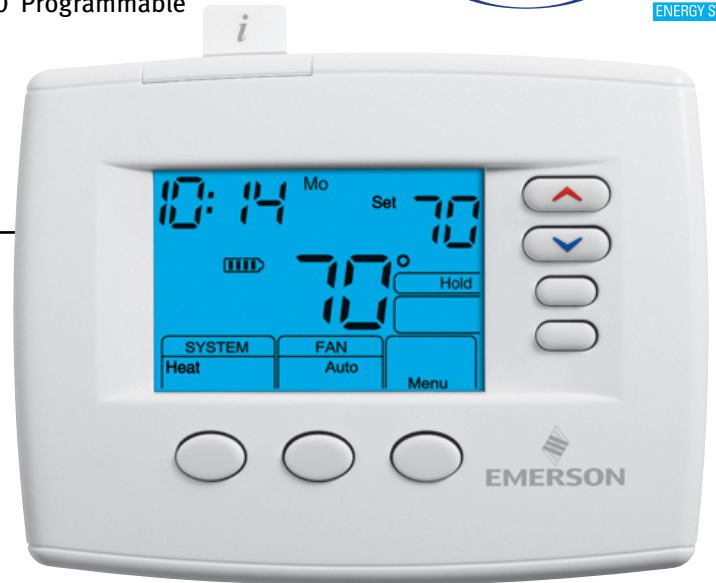
1F85-0422 2/2

NON-PROGRAMMABLE MODELS

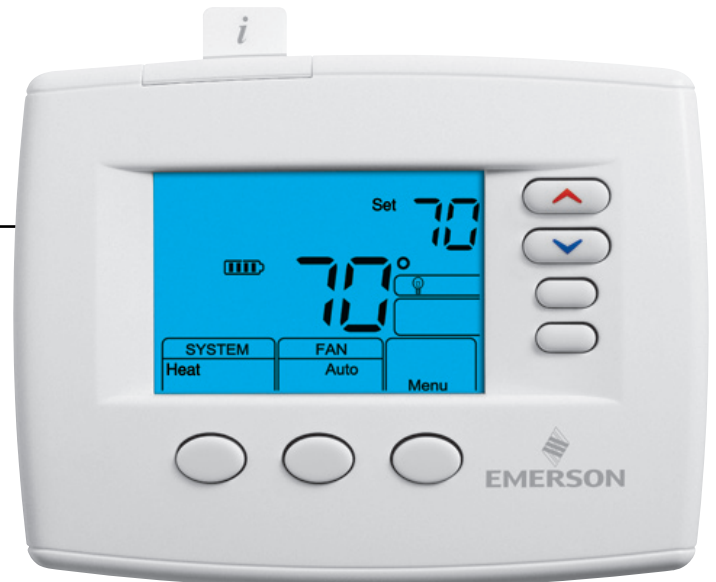
1F83-0471 3/2

1F83-0422 2/2

- Quick One-Button Programming
- Exclusive Cool Savings™
- Exclusive Battery Power Monitor
- Millivolt and Hydronic Zone Valve Compatible



Programmable



Non-Programmable

5-Year Warranty

White
Rodgers™



1F85-0471/1F85CA-0471/1F85-0422

5/1/1, 5/2 Day or 0 Programmable

1F83-0471/1F83-0422

Non-Programmable

BLUE™ Universal Thermostats

• For Single Stage, Multi-Stage and Heat Pump Systems • 5/1/1, 5/2 Day, 0 Programmable or Non-Programmable • Hardwired or Battery Powered

Exclusive 4" Blue Features

Large, 4-square-inch Blue display with easy-to-see characters
 Active protection for systems with ComfortAlert CA2 module compressor diagnostics (1F85CA-0471)
 Quick one-button programming (See Automatic Schedule section in installation instructions)
 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 zone valve applications
 Exclusive battery power monitor
 5-year warranty

Programming

Choice of 5/1/1 day programmable, 5/2 day or non-programmable (1F85-0471, 1F85CA-0471, 1F85-0422)
 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

Optional minimum and maximum temperature configurable
 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 (1F85-0471, 1F85CA-0471, 1F85-0422)
 Soft-touch keypad
 Display temperature recalibration (+/- 4°)

Performance

Dual-Powered...choice of battery-powered or hardwired, for all applications
 Selectable Energy Management Recovery (1F85-0471, 1F85CA-0471, 1F85-0422)
 Meets ENERGY STAR® specifications (1F85-0471, 1F85CA-0471, 1F85-0422)
 Meets California Building Code, Title 24 (1F85-0471, 1F85CA-0471, 1F85-0422)
 Fast (FA) or slow (SL) heating cycle anticipation
 Easy-to-wire terminal block
 Compressor lockout protection
 Millivolt compatible
 Electric heat option

Terminal Designations



Dimensions

5.1"W x 3.9"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/Heat Pump/Multi-Stage

Millivolt Systems

2 or 3 wire hydronic zone valve

Thermal Specifications

Setpoint Temperature Range: 45° to 90° F (7° to 32° C)

80 Series Blue 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: -4° to 150° F (-20° to 65° C)

Accessories

Wall Plate F61-2634 (6.5"W x 5"H) for 80 Series Blue
 (Included with 1F85-0471, 1F85CA-0471, 1F85-0422, 1F83-0471, 1F83-0422)

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	2/2	3/2	5+2,5+1+1,0	1F85-0471	✓	✓	✓	B,H	✓		✓	✓	✓			✓		✓	✓	✓	✓
1/1	2/2	3/2	5+2,5+1+1,0	1F85CA-0471	✓	✓	✓	B,H	✓		✓	✓	✓			✓		✓	✓	✓	✓
1/1	2/2	2/2	5+2,5+1+1,0	1F85-0422	✓	✓	✓	B,H	✓		✓	✓	✓			✓		✓	✓	✓	✓
1/1	2/2	3/2	0	1F83-0471	✓	✓	✓	B,H	✓				✓			✓		✓		✓	✓
1/1	2/2	2/2	0	1F83-0422	✓	✓	✓	B,H	✓				✓			✓		✓		✓	✓

B = Battery, H = Hardwired, PA = Power Stealing Assist *** Optional Continuous Display Light w/Hardwire Connection ▼ Only One (1) Remote Sensor May Be Used - Either Indoor or Outdoor; or Logic Program and Indoor Remote Sensor



St. Louis, Missouri Markham, Ontario
 314-553-3600 905-201-4701
www.white-roddgers.com

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WR-7255-2