



BLUE™ 4" Universal Thermostats

4-square-inch display

Single Stage / Multi-Stage / Heat Pump Applications

Programmable 7, 5/1/1, 5/2 or ∅ Day and Non-Programmable
Dual Powered – Hardwired or Battery Powered
Includes Wall Plate F61-2634



PROGRAMMABLE MODELS

1F85-0477 3H/2C 7, 5/1/1 or ∅ Day Option

1F85-0422 2H/1C 5/1/1, 5/2 or ∅ Day Option

1F85ST-0422 2H/1C 5/1/1, 5/2 or ∅ Day Option
Selecto – Spanish Language Model

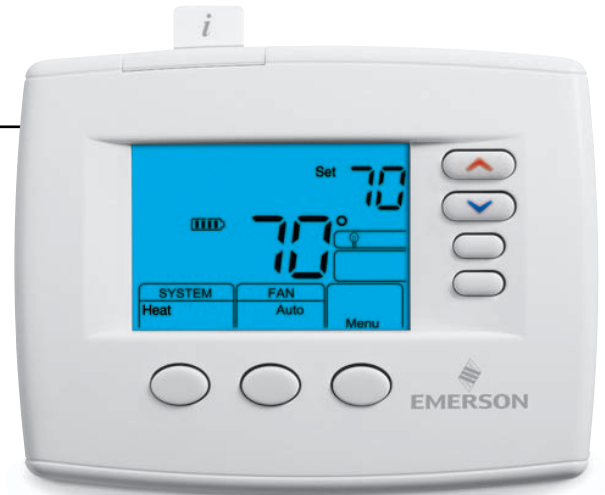


Programmable

NON-PROGRAMMABLE ONLY MODELS

1F83-0471 3H/2C

1F83-0422 2H/1C



Non-Programmable

Emerson BLUE 4" Universal Features:

- Easy-to-Read 4-Square-Inch Blue Display
- Active Comfort Alert™ Compressor Protection
- Keypad Lockout
- Adjustable Setpoint Temperature Limits
- Battery Power Monitor
- Millivolt and Hydronic Zone Valve Compatible
- Exclusive Cool Savings™

5-Year Warranty

BLUE™ 4" Universal Thermostats

1F85-0477/1F85-0422/1F85ST-0422

Programmable 7, 5/1/1, 5/2 or Ø Day Option

1F83-0471/1F83-0422

Non-Programmable Only

• For Single Stage, Multi-Stage and Heat Pump Systems • Programmable 7, 5/1/1, 5/2 or Ø Day and Non-Programmable • Hardwired or Battery Powered

Blue 4" Universal Features

Large, 4-square-inch blue display with easy-to-see characters

Active protection for systems with Comfort Alert™ CA2 module compressor diagnostics

Keypad lockout

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

Adjustable setpoint temperature limits

Hydronic 2 or 3 wire zone valve applications

Battery power monitor

5-year warranty

Programming

Choice of 7, 5/1/1, 5/2 or Ø day programmable (1F85-0477, 1F85-0422, 1F85ST-0422)

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, 4-square-inch 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 (1F85-0477, 1F85-0422, 1F85ST-0422)

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 (1F85-0477, 1F85-0422, 1F85ST-0422)

Meets California Building Code, Title 24 (1F85-0477, 1F85-0422, 1F85ST-0422)

Fast (FA), medium (ME) or slow (SL) heating and cooling 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)

Single Stage/Heat Pump/
Multi-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:
-4° to 150°F (-20° 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	Dual Fuel Option	Keypad Lockout	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	7, 5/1/1, Ø	1F85-0477	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1/1	2/2	2/1	5/1/1, 5/2, Ø	1F85-0422	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1/1	2/2	2/1	5/1/1, 5/2, Ø	1F85ST-0422	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1/1	2/2	3/2	Ø	1F83-0471	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1/1	2/2	2/1	Ø	1F83-0422	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

White
Rodgers™

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www.emerson.com

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