



BLUE™ COMMERCIAL 4/2

Single Stage / Multi-Stage / Heat Pump

Programmable (7 Day, 5/1/1 Day) or Non-Programmable

Economizer / Damper Control Output

Hardwired or Battery Powered with Optional Power Stealing Assist



1F95-1280

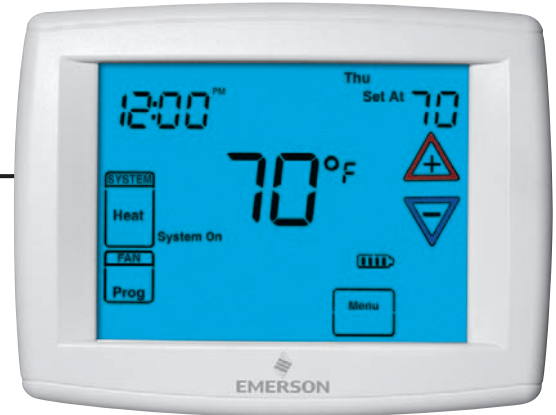
Universal Application

4 Heat / 2 Cool

12-square-inch touchscreen display

Keypad lockout – total or partial

Dual fuel with outdoor sensor (F145-1378) or by logic program



1F95-0680

Universal Application

4 Heat / 2 Cool

6-square-inch display

Lock feature secures thermostat to subbase, reduces tampering

Dual fuel with outdoor sensor (F145-1378)



5-Year Warranty

Commercial Control. Customer Comfort.

Emerson® Big Blue™ Commercial and Emerson® Blue™ Commercial Thermostats from White-Rodgers are designed specifically for commercial applications, delivering a new level of comfort, control and security to your customers.

Exclusive Blue™ Commercial Features

- Pre-occupancy purge and/or programmable fan
- Economizer/damper control output
- Remote sensing indoor and at the thermostat
- Keypad lockout – total or partial

Standard Blue™ Features

- Limited temperature range – energy-saving feature
- Large, 12-square-inch or 6-square-inch display with backlight
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Automatic daylight savings option

Universal Application

4 Heat / 2 Cool

Single Stage / Multi-Stage / Heat Pump

Programming

Universal – installer selectable system applications
 Choice of 7 day, 5/1/1 day programmable or non-programmable (installer selectable)
 2 time and 2 temperature settings (1 setback) – 1F95-1280
 Choice of 4 time and 4 temperature settings per program (2 setbacks) or 2 time and 2 temperature settings (1 setback) – 1F95-0680
 Energy savings up to 33%
 Patented pre-programmed schedule simplifies time and temperature programming

Display

Large, 12-square-inch touchscreen display – 1F95-1280
 Large, 6-square-inch display – 1F95-0680
 Blue, lighted display for easier low-light viewing
 Larger, easy-to-read character size
 Large keys for easy operation

Performance

Choice of battery-powered with optional power stealing assist or hardwired with battery backup
 Selectable Energy Management Recovery
 Meets California Building Code, Title 24
 Fast (FA) or slow (SL) heating cycle anticipation
 Exclusive “Call for Service” diagnostic indicator
 Compressor lockout protection
 Millivolt compatible
 Electric heat option

Comfort & Convenience

Intuitive menu-driven setup, programming and operation, with audio prompt to confirm entries
 Permanent program retention during power loss
 Indefinite setpoint Hold or temporary temperature override

Flexible temporary temperature override will override program for four (default) hours – 1F95-1280

Temporary temperature override will override program for two hours – 1F95-0680

Auto heat/cool changeover option – automatically switches between heating and cooling programs

Heating and cooling, heating only or cooling only configuration (installer selectable)

Setpoint temperature “limited range” capable

Enhanced locking security reduces tampering – 1F95-0680

Furnace filter change reminder

Maintains room temperature to within +/- 1°F

Room temperature display can be recalibrated up to +/- 4°F

Terminal Designations* Terminal Block Wire Connection – 1F95-1280



Terminal Block Wire Connection – 1F95-0680



*See installation instructions or www.white-roddgers.com for terminal descriptions

Dimensions

4.6"H x 5.9"W x 1.2"D – 1F95-1280
 4.2"H x 6.4"W x 1.7"D – 1F95-0680

Thermal Specifications

Setpoint Temperature Range:
 45° to 99°F (7° to 37°C)
 Rated Differential:
 Heat 0.6°F; Cool 1.2°F
 Operating Ambient Temperature:
 32° to 105°F (0° to 41°C)
 Operating Humidity Range:
 90% non-condensing maximum
 Shipping Temperature Range:
 -40° to 150°F (-40° to 65°C)

Electrical Specifications

Rating
 Battery Power: mV to 30 VAC, NEC Class II, 50/60 Hz or DC
 Input Hardwire: 20 to 30 VAC
 1.5 Amps (load per terminal)
 2.5 Amps maximum load (all terminals combined)
 Standard Systems
 Single Stage gas, oil, electric
 Single Stage heat pump
 Millivolt systems
 Multi-Stage gas, oil, electric
 Multi-Stage heat pump

Accessories

Indoor Remote Sensor[▼]
 F145-1328
 Outdoor Remote Sensor[▼]
 F145-1378
 Thermostat Guards
 Clear – F29-0198
 Metal – F29-0220 (solid base)
 Wallplates
 F61-2600 (8.1"W x 5.4"H)
 F61-2634 (6.5"W x 5"H)

For Additional Information

Visit www.white-roddgers.com

Single Stage	Multi-Stage	Heat Pump	Programs	Applications	Selectable Performance Features										Comfort and Convenience Features						
Stages Heat/Cool by System for 1F95-1280 and 1F95-0680	Program Options	Gas/Oil/Electric	3 Wire Zone	Millivolt	Power Source	Auto Changeover	Programmable Fan	Energy Mgt. Recovery	Dual Fuel Option*	Keypad Lockout	Indoor Remote Sensor [▼]	Outdoor Remote Sensor [▼]	Lighted Display***	Audible Feedback	Cool Savings™	Daylight Savings Adjustment	Ignition Module Reset	Permanent Memory			
1/1	2/2	4/2	7, 5+1+1, Ø	✓	✓	✓	H,B/PA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

B = Battery, H = Hardwired, PA = Power Stealing Assist *Outdoor Sensor F145-1378 Required for 1F95-0680 ***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