



# 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](http://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<sup>▼</sup>  
F145-1328  
Outdoor Remote Sensor<sup>▼</sup>  
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](http://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 <sup>▼</sup> | Outdoor Remote Sensor <sup>▼</sup> | Lighted Display*** | Audible Feedback | Cool Savings™                    | Daylight Savings Adjustment | Ignition Module Reset | Permanent Memory |   |   |   |
| 1/1  | 2/2             | 4/2              | 7, 5+1+1, ∅ | ✓            | ✓                               | ✓               | 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