## Universal 6" Display Thermostat

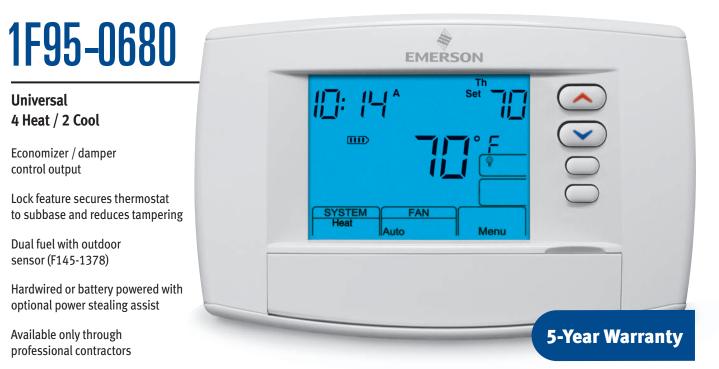


# **BLUE COMMERCIAL** 4/2

# Single Stage / Multi-Stage / Heat Pump



Programmable (7 Day, 5/1/1 Day) or Non-Programmable Hardwired or Battery Powered 6-Square-Inch Display



# **Commercial Control. Customer Comfort.**

Emerson<sup>®</sup> Blue<sup>™</sup> Commercial Thermostat from White-Rodgers is designed specifically for commercial applications, delivering a new level of comfort and control to your customers.

### **Exclusive Blue™ Commercial Features**

- Pre-occupancy purge and/or programmable fan
- Remote sensing indoor or outdoor and at the thermostat
- Prioritizing or averaging between indoor sensor and thermostat
- Keypad limited or total lockout

**Rodgers** 

White ,

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



# **BLUE<sup>™</sup> COMMERCIAL**<sub>4/2</sub>

#### Universal 6" Display Thermostat

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) 4 time and 4 temperature settings per program

(2 setbacks) heat and cool, or selectable – 2 time and 2 temperature settings (1 setback) Energy savings up to 33%

Patented pre-programmed schedule simplifies time and temperature programming

#### Display

Large, 6-square-inch touchscreen display Blue, lighted display for easier low-light viewing Larger, easy-to-read character size Large keys for easy operation

#### Performance

Universal Powered – 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 Temporary temperature override will override program for two hours

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 Furnace filter change reminder

Maintains room temperature to within +/-  $1^{\circ}F$ Room temperature display can be recalibrated up to +/-  $4^{\circ}F$ 

### Terminal Designations\* Terminal Block Wire Connection



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

#### Dimensions

4.2"H x 6.4"W x 1.7"D

#### **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 5.4H") F61-2634 (6.5"W x 5"H)

#### For Additional Information

Visit www.white-rodgers.com

Single Multi- Stage Stage Pump	Programs	Applic	ations		Selectable Performance Features							Comfort and Convenience Features					
Stages Heat/Cool by System	Program Options	s/0il/	3 wire 20ne 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 <sup>TM</sup>	Daylight Savings Adjustment	lgnition Module Reset	Permanent Memory
1/1 2/2 4/2	7, 5+1+1, Ø	<b>√</b> .	/ /	B,H,PA	1	$\checkmark$	$\checkmark$	1	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	1	$\checkmark$

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



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