

Universal 12" Touchscreen Thermostat

# BIG BLUE™ HUMIDITY 4/2

## Single Stage / Multi-Stage / Heat Pump

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

Hardwired or Battery Powered with Power Stealing Assist

12-Square-Inch Display



# 1F95-1291

Universal

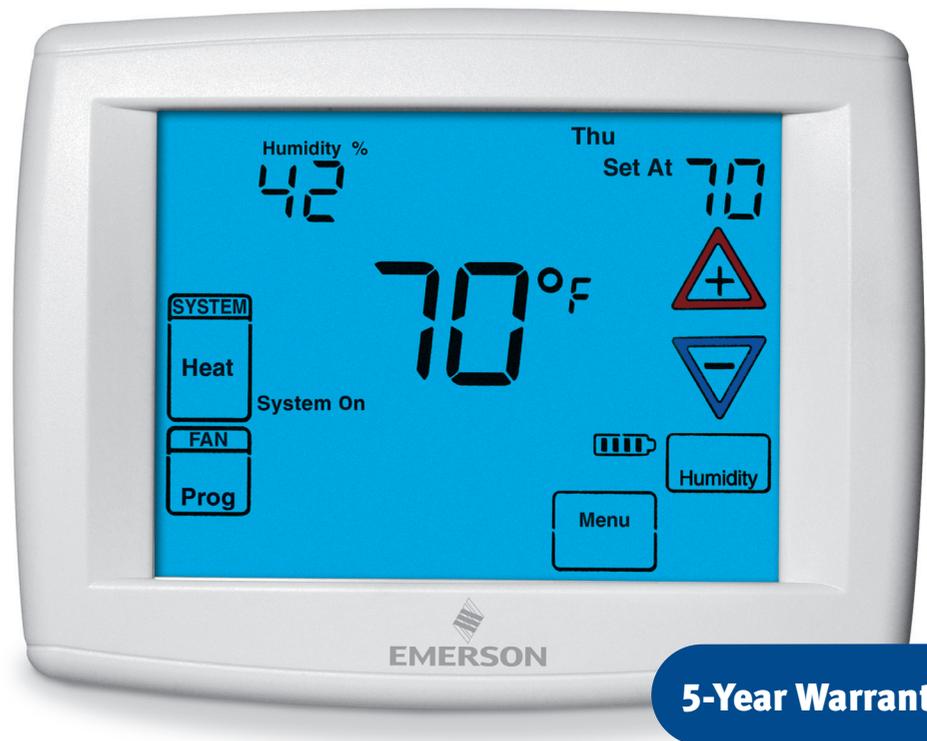
4 Heat / 2 Cool

Dehumidification and humidification control

Choice of dual fuel with logic or outdoor sensor (F145-1378)

Battery powered with power stealing assist

Available only through professional contractors



**5-Year Warranty**

## Ultimate Control. Ultimate Comfort.

White-Rodgers set an industry benchmark with its line of Big Blue™ Touchscreen Thermostats. Now, the new Big Blue™ Humidity Touchscreen offers dehumidification and humidification control, delivering a new level of comfort to your customers.

### Exclusive Big Blue™ Features

- Large, 12-square-inch display with 10-second backlight
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Dual fuel heat pump logic program requires no outdoor sensor
- Remote sensing indoor or outdoor and at the thermostat
- Programmable fan
- Enhanced dehumidification fan speed control
- Automatic daylight savings option
- Flow-through humidifier water-saving feature — up to 50%

White  
Rodgers™

EMERSON  
Climate Technologies

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Universal 12" Touchscreen 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, 12-square-inch touchscreen display – largest in the industry  
 Blue, lighted display for easier low-light viewing  
 Larger, easy-to-read character size  
 Extra-large touch keys for easy operation  
 Clean, uncluttered touchscreen display provides easier navigation

### Performance

Universal Dual Powered – choice of battery powered or hardwired with battery backup  
 Selectable Energy Management Recovery  
 Meets California Building Code, Title 24  
 Heat Pump auxiliary lockout  
 Fast (FA) or slow (SL) heating cycle anticipation  
 Exclusive “Call for Service” diagnostic indicator  
 Compressor lockout protection  
 Millivolt compatible  
 Electric heat option

### Comfort & Convenience

Humidification and dehumidification control  
 Dehumidification Rh range 40-90%  
 Humidification Rh range 5-50%  
 Intuitive menu-driven setup, programming and operation, with audio prompt to confirm touchscreen entries

Permanent program retention during power loss  
 Indefinite setpoint Hold or temporary temperature override  
 Temporary temperature override – can be set from 15 minutes for Temporary adjustments up to 7 days for Vacation override  
 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 (variable) touchscreen security prevents tampering  
 UV lamp change reminder  
 Furnace filter change reminder  
 Humidifier pad 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



\*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

### Thermal Specifications

Setpoint Temperature Range:  
 45° to 99° F (7° to 32° 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)  
 F29-0222 (ring 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			Power Source	Selectable Performance Features										Comfort and Convenience Features						
				Gas/Oil/Electric	3 Wire Zone	Millivolt		Auto Changeover	Programmable Fan	Energy Mgt. Recovery	Dual Fuel Option	Keypad Lockout	Indoor Remote Sensor <sup>▼</sup>	Outdoor Remote Sensor <sup>▼</sup>	Lighted Display <sup>***</sup>	Audible Feedback	Cool Savings™	Daylight Savings Adjustment	Ignition Module Reset	Permanent Memory				
1/1	2/2	4/2	7, 5+1+1, 0	✓	✓	✓	B,H,PA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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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