

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

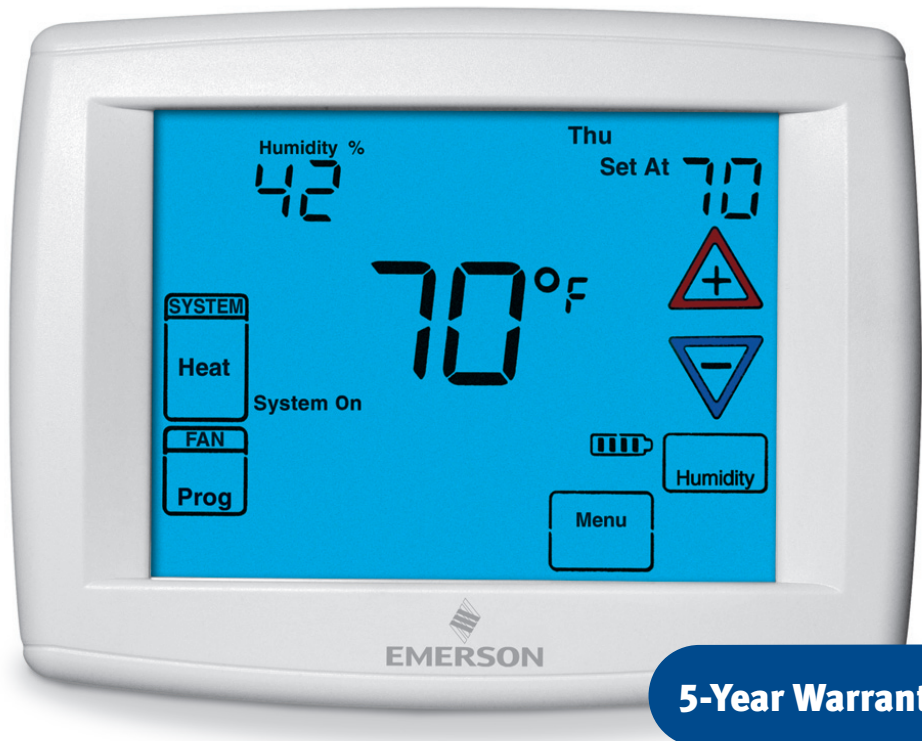
Universal
4 Heat / 2 Cool

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 with comfort circulator fan option
- Enhanced dehumidification fan speed control
- Automatic daylight savings option
- Flow-through humidifier water-saving feature — up to 50%

White
Rodgers™


EMERSON
Climate Technologies

BIG BLUE™ HUMIDITY_{4/2}

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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 ENERGY STAR® specifications

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 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▼
F145-1328

Outdoor Remote Sensor▼
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

| Single Stage | Multi-Stage | Heat Pump | Programs | Applications | Selectable Performance Features | | | | | | | | | | Comfort and Convenience Features | | | | | |
|--------------|-------------|-----------|-------------|--|---------------------------------|-----------------|------------------|----------------------|-------------|------------------|----------------|-----------------------|------------------------|--------------------|----------------------------------|---------------|-----------------------------|-----------------------|------------------|---|
| 1/1 | 2/2 | 4/2 | 7, 5+1+1, ∅ | Gas/Oil/Electric 3 Wire Zone Millivolt | Power Source | Auto Changeover | Programmable Fan | Energy Mgt. Recovery | Energy Star | 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, ∅ | ✓ | ✓ | ✓ | 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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www.white-roddgers.com

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