

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

BIG BLUE™ HUMIDITY_{4/2}

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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 auxilliary 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-rogers.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-rogers.com

Single Stage	Multi-Stage	Heat Pump	Programs	Applications	Selectable Performance Features								Comfort and Convenience Features								
					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, 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

White
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St. Louis, Missouri Markham, Ontario
 314-553-3600 905-948-3411
www.white-rogers.com
www.emerson.com

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