Emerson...Delivering Comfort & Innovation

Emerson® Blue™ 12 Square-Inch Touchscreens offer more features, delivering a new level of comfort to your customers.

Simple and logical installer menu set-up and programming and operation are enhanced with audio confirmation of touchscreen entries. Features like variable touchscreen security to prevent tampering, temporary and vacation overrides, and filter change reminders add convenience.

Blue touchscreen thermostats include humidity control, programmable fan and remote sensing, as well as the exclusive Cool Savings™ feature and heat pump dual fuel control, providing the ultimate in comfort control. Our +/- 1˚ temperature accuracy will keep your customers comfortable and protect their HVAC systems.

Emerson Blue is the result of smart, innovative thinking. Install Blue with confidence because it’s exclusively for the professional trade. See back for all the specifications.
BLUE™ Universal Touchscreen Thermostats

Choice of Single Stage, Staging or Staging with Humidity Control
7 Day, 5+1+1 Day Programmable or Non-Programmable
Hardwired or Battery Powered – or Power Stealing Assist (1F95-1291)

Exclusive Blue™ Features

Humidity control – 1F95-1291
Dual fuel capable with Smart Fuel™ Logic Program or outdoor temperature sensor – 1F95-1291
Dual fuel with outdoor temperature sensor – 1F97/1F95-1277
Large, 12 square-inch display with 10-second backlight
Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
Remote sensing indoor or outdoor and at the thermostat
Programmable fan
Automatic daylight savings option

Programming

Choice of 7 day, 5+1+1 day programmable or O (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%

Display

Large, 12 square-inch touchscreen display
Blue, high-contrast lighted display for easier low-light viewing
Larger, easy-to-read character size
Extra-large touch keys for easy operation

Performance

Universal Dual-Powered – choice of hardwired or battery back-up – or power stealing assist (1F95-1291)
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 set-up, programming and operation, with audio prompt to confirm touchscreen entries
Permanent program retention during power loss
Indefinite setpoint Hold or 4-hour 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
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 Connections

1F95-1291

1F95-1277

1F97-1277

Dimensions

4.6’H x 5.9’W x 1.2’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

Multi-Stage heat pump (1F95-1291, 1F95-1277)
Multi-Stage gas, oil, electric (1F95-1291, 1F95-1277)
Millivolt Systems

Selective 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

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1F97-1277

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

Accessories

Remote Sensors
Indoor – F145-1228
Outdoor – F145-1378
Thermostat Guards
Clear – F29-0198
Metal – F29-0220 (solid base) F29-0222 (ring base)
Wall Plates
F61-2600 (8.1”W x 5.4”H)
F61-2634 (6.5”W x 5”H)

Contractor Branding

Imprint thermostat with your contact information. See your wholesaler or visit white-rodgers.com.