BLUE™ WIRELESS EASY INSTALL™ 4H/2C

Wireless Thermostat System

Universal – compatible with single and multi-stage, heat pump and heat pump with dual fuel applications

Reduce Hot and Cold Spots

Premium Humidity Control

Easy-to-Read 6" Display

Option to Add 4 Wireless Sensors

1F98EZ-1621

Comfort Interface

System/ Stages Covered	Single Stage	Multi- Stage	Heat Pump
	1H/1C	2H/2C	4H/2C

Includes Wireless Comfort Interface, Equipment Control and Return-Air Sensor

F145RF-1600

Wireless Sensor (Indoor/Outdoor) Sold Separately

Wireless Sensor

Equipment Control

Return-Air Sensor

MORE APPLICATIONS. FASTER INSTALLATION.
WIRELESS
EVERY JOB JUST GOT EASIER

Provides Wireless Temperature and Comfort Control for HVAC Systems
Ideal where pulling wires is difficult and additional temperature sensing is desired.
Color-coded LEDs on Equipment Control validates system wiring.

Simplifies Installation
Comfort Interface and Equipment Control are paired at the factory – nothing to configure.
Wireless Sensor (F145RF-1600) is configurable for indoor or outdoor use.
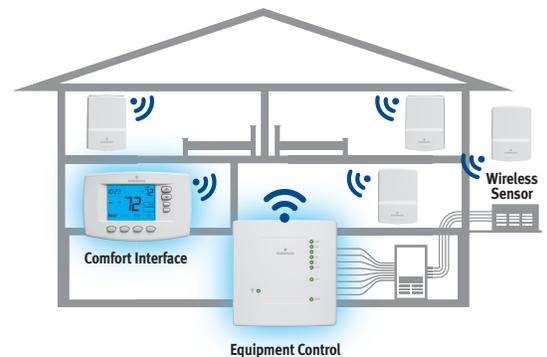
Easily Reduces Hot and Cold Spots in the Home
Comfort Interface and up to 3 wireless temperature sensors can be located in optimum control locations.

Maximizes Comfort with Premium Humidity Control
Set and control humidification and dehumidification with the Comfort Interface.

Optimizes Efficiency on Heat Pump Systems with Dual Fuel Control
Choice of dual fuel control with wireless temperature sensor or by Dual Fuel Logic Program in Comfort Interface.

Wireless Sensor

Comfort Interface

Equipment Control

5-Year Warranty

White Rodgers™

EMERSON
Climate Technologies

BLUE™ WIRELESS EASY INSTALL™ 4H/2C

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Wireless Comfort Interface, Equipment Control and Return-Air Sensor

Wireless Thermostat System

F145RF-1600

Wireless Sensor

Installation

Universal System Application – installer selectable

Color-coded LEDs on Equipment Control validates system wiring

Wireless Comfort Interface mounts in ideal sensing location

Comfort Interface and Equipment Control are "paired" out of the box – no button to press

Programming

Choice of 7 day or Ø day/non-programmable (installer selectable)

Choice of 4 or 2 program periods per day

Occupancy fan option with selectable pre-purge (1-3 hours)

Energy savings up to 33%

Dual Fuel Heat Pump Control

Choice of dual fuel control with wireless temperature sensor or by Dual Fuel Logic Program in Comfort Interface

Humidification and Dehumidification Control

Flexibility for system integrated control and/or independent humidification and dehumidification

Performance

Reliable Wireless Connection

Selectable Energy Management Recovery

Meets California Building Code, Title 24

Fast (FA), medium (ME) or slow (SL) heating cycle anticipation

Exclusive "Call for Service" diagnostic indicator

Compressor lockout protection

Display

Large, 6-square-inch display

Large, easy-to-read character size

Clean, uncluttered display provides simple user operation

Bright, lighted display

Comfort & Convenience

Reduces hot and cold spots – add up to 4 wireless sensors (3 indoor and 1 outdoor)

Humidification and dehumidification control

Intuitive menu-driven setup, programming and operation, with audio prompt

Permanent program retention during power loss

Indefinite setpoint Hold or temporary temperature override

Auto heat/cool changeover option – automatically switches between heating and cooling programs

Heating and cooling, heating only or cooling only configuration

Setpoint temperature limits

Furnace filter change reminder

Humidifier pad change reminder

Maintains room temperature to within +/- 1˚F

Room temperature display can be recalibrated up to +/- 5˚F

Equipment Control Terminal Designations*

(R) (RC) (RH) (C) (W/E) (W2) (Y) (Y2) (G) (O/B) (L) (HM) (HM2) (DHM) (DHM2)

* See installation instructions for terminal descriptions by scanning QR Code on front or at www.white-rodgers.com

Dimensions

1F98EZ-1621
6.5"W x 4.3"H x 1.2"D – comfort interface
6.5"W x 6.4"H x 1.4"D – equipment control

F145RF-1600
3.3"W x 4.6"H x 1.5"D – wireless sensor

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:
1F98EZ-1621
14˚ to 131˚F (-10˚ to 55˚C) – comfort interface
-13˚ to 158˚F (-25˚ to 70˚C) – equipment control
F145RF-1600
-4˚ to 129˚F (-20˚ to 54˚C) – wireless sensor

Operating Humidity Range:
5–90% non-condensing maximum

Shipping Temperature Range:
-4˚ to 150˚F (-20˚ to 65˚C)

Electrical Specifications

Rating
Input Hardwire: 20 to 30 VAC, NEC Class II, 50/60 Hz or DC

1.5 Amps (load per terminal)

2.5 Amps maximum load (all terminals combined)

Applications

Single Stage gas, oil, electric

Single Stage heat pump

Multi-Stage gas, oil, electric

Multi-Stage heat pump

Dual Fuel systems

Accessories

Wireless Sensor
F145RF-1600

Thermostat Guards
Clear – F29-0198

Wallplates
F61-2600 (8.1"W x 5.4H")
F61-2634 (6.5"W x 5"H)

For Additional Information

Scan QR Code on front

Visit www.white-rodgers.com

Single Stage	Multi-Stage	Heat Pump	Programs	Model	Applications				Selectable Performance Features								Comfort and Convenience Features			
Stages Heat/Cool by System			Program Options	Model Number	Gas/Oil/Electric	3 Wire Zone	Millivolt	Power Source	Auto Changeover	Programmable Fan	Energy Mgt. Recovery	Dual Fuel Control	Humidity Control	Keypad Lockout	Wireless Comfort Interface	Wireless Remote Sensor‡	Lighted Display	Audible Feedback	Ignition Module Reset	Permanent Memory
1/1	2/2	4/2	7, Ø	1F98EZ-1621	✓			B	✓	*	✓	✓	H, D	✓	✓	✓	✓	✓	✓	✓

B = Battery Powered, H = Humidify, D = Dehumidify

* Occupancy Fan Option with selectable pre-purge (1-3 hours)

‡ Up to 3 indoor sensors and 1 outdoor sensor can be added – F145RF-1600 sold separately

±1˚ ACCURACY OPTIMUM COMFORT AND PERFORMANCE