



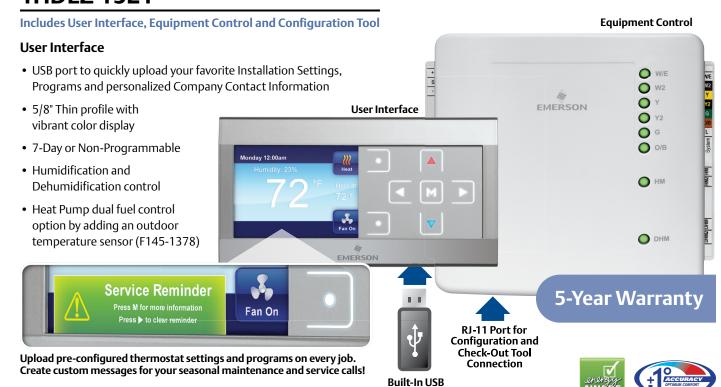
Up to 4H/2C with Dual Fuel Option Humidification/Dehumidification

Universal 4-Wire Color Thermostat System

Upgrade single stage applications to premium high-efficiency systems (staging, heat pump or heat pump with dual fuel) – using existing 4 wires

THIN PROFILE SHARP DISPLAY

1HDEZ-1521



Equipment Control

- Easy Install and Setup to upgrade any standard system without running new wires
- Color-coded system signal LED's for accurate installation, set-up confirmation and troubleshooting
- Quick Connect terminals for faster installation
- Reusable configuration and check-out tool connects user interface to equipment control at the furnace for fast configuration, troubleshooting and 100% correct installation assurance
- Eliminates multiple trips up and down the stairs

Programming Port (flash drive not included)

Simple to Setup — Re-Use Programming Tools On Every Job!





Inspire [™] Universal 4-Wire Color Thermostat System

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Contractor Favorite Features

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Quick Connect terminals for faster installation

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USB port to quickly upload your favorite Installation Settings, Programs and personalized Company **Contact Information**

Add an outdoor sensor for Heat Pump Dual Fuel control — to switch from Heat Pump to Furnace, based on selected outdoor temperature

Humidification and Dehumidification Control

Powered or dry contact humidifier / dehumidifier terminals for integrated or independent humidity components

Display

Sharp, color display

Lighted display for easier low-light viewing

Optional continuous display light

Large, easy-to-read character size

Energy Performance

Meets California Building Code, Title 24

Energy Aware compliant

Energy savings up to 33% using convenient heating and cooling program schedule

Comfort & Convenience

Choice of 7-Day or Non-Programmable

Easy temperature hold or temporary temperature override

Easy to adjust humidification and dehumidification settings

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

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

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

Maintains room temperature to within +/- 1° F

Setpoint temperature limits

Furnace filter change reminder

Humidifier pad change reminder

Permanent program retention during power loss

Compressor lockout protection

Equipment Control Terminal Designations*

Thermostat Terminal Designations*







Dimensions

5.8" W x 5.5" H x 1.4" D (control) 6.1" W x 3.3" H x 0.6" D (interface)

Thermal Specifications

Setpoint Temperature Range: 45° to 99°F (7° to 32°C)

Rated Differential:

Heat 0.6°F; Cool 1.2°F Heat 1.2° F; Cool 1.2° F (Heat Pump)

Operating Ambient Temperature: 32° to 105° F (0° to 41° C) – Interface -30° to 150°F (-34° to 66°C) - Control

Operating Humidity Range: 90% non-condensing maximum

Shipping Temperature Range: -40° to 150°F (-40° to 65°C)

Electrical Specifications

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)

Standard Systems

Single Stage gas, oil, electric Single Stage heat pump Multi-Stage gas, oil, electric Multi-Stage heat pump

Accessories

Outdoor Remote Sensor F145-1378

Thermostat Guards Clear - F29-0198 Metal – F29-0220 (solid base) F29-0222 (ring base)

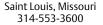
For Additional Information

Visit www.white-rodgers.com

Single Stage	Multi- Stage Pump					ıs		Selectable Performance Features						Comfort and Convenience Features				
Stages Heat/Cool by System		Program Options	Model Number	Gas/Oil/Electric 3 Wire Zone Millivolt Humidity Control (H) Humididy (D) Dehumidify			Power Source	Auto Changeover Programmable Fan Energy Mgt. Recovery Dual Fuel Control Keypad Lockout Outdoor Remote Sensor				Outdo emote S	Setpoint Temperature Limit	Setpoint mperature Li ghted Displ idible Feedb Permanent Memory				
1/1	2/2 4/2	7, Ø	1HDEZ-1521	1			H, D	Н	1		1	1		1	1	1	1	1

H = Hardwired





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