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WORK SMART.

WORK FAST. WORK CONFIDENTLY.

WHITE-RODGERS CONNECT

WHITE-RODGERS™

COPELAND



EXPERTISE AT YOUR FINGERTIPS

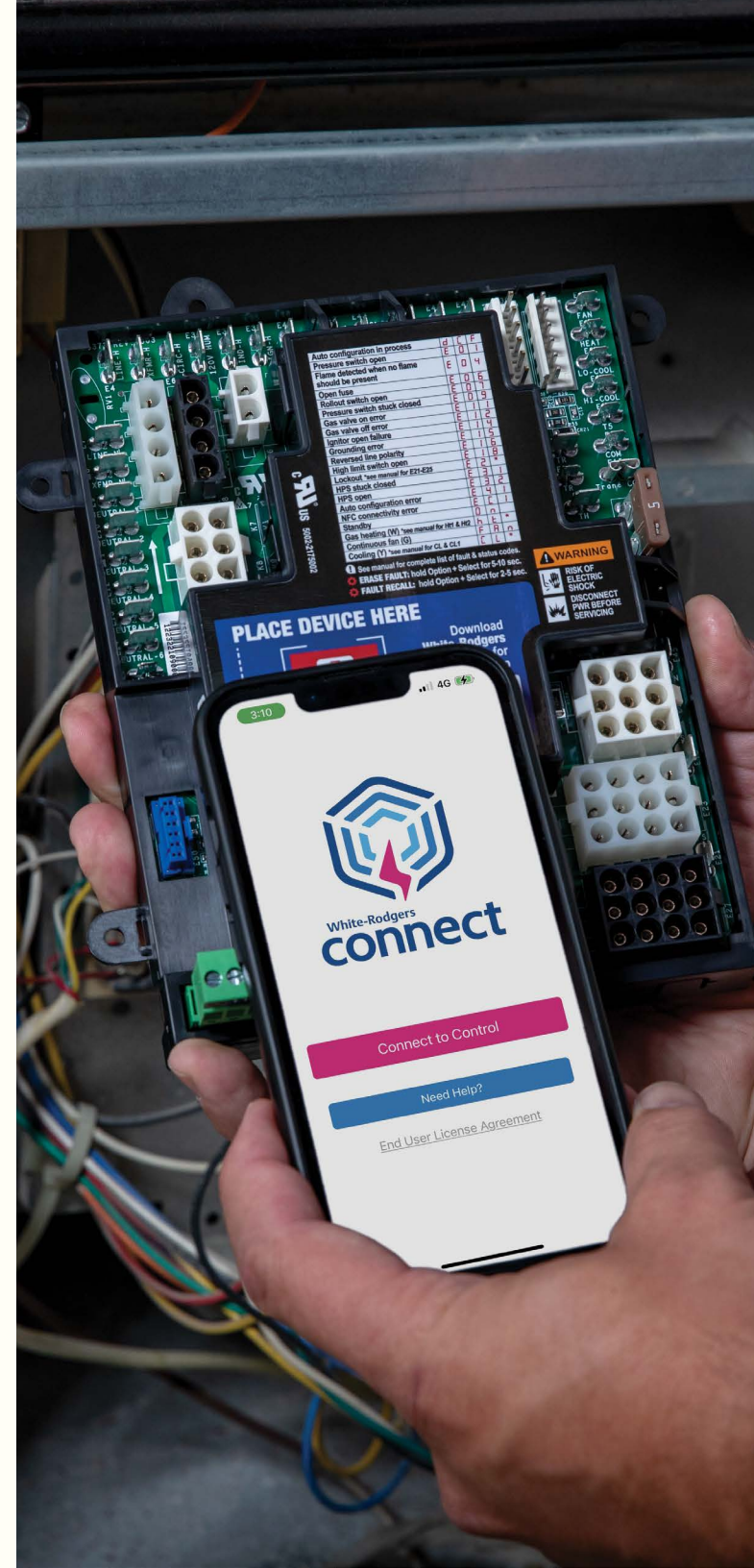
Get more done in less time.

How much time do you think you and your techs waste looking through installation guides for dipswitch settings or deciphering error codes? What if you could configure and diagnose heating controls by simply tapping a few buttons on a phone? No power, Wi-Fi or login needed!

The White-Rodgers Connect app enables simple configuration and diagnostics from your mobile phone. No more fiddling with furnace control dipswitches or counting flashing LEDs to identify error codes. With White-Rodgers Connect, you can complete service calls quickly with the confidence that you got it right the first time.

Replace more, carry less.

The app is compatible with the latest White-Rodgers universal heating controls that can seamlessly replace 1,800+ parts from major OEM manufacturers as well as Honeywell, Fenwal, UTEC, ICM, Robertshaw and more. No more overloaded trucks or running back to the warehouse or distributor to get the right part.



CONFIGURE ANYWHERE

NFC innovation



First app to configure & diagnose universal residential HVAC replacement controls



Mobile phone “talks” to compatible furnace controls via White-Rodgers Connect app



Configure prior to installation without power applied to the control



Upgrade and future-proof older units with modern, cutting-edge technology

No power, Wi-Fi or login needed.

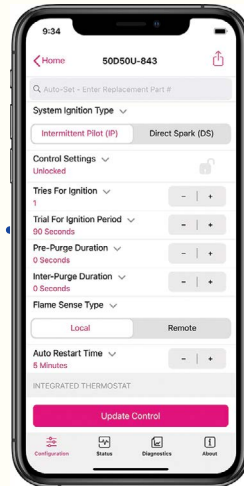
Near-field communication (NFC) technology allows the control to communicate with your mobile phone through the award-winning White-Rodgers Connect app for hassle-free configuration and diagnostics. In fact, configuration can be completed through NFC without power applied to the control, so it can be done anywhere, including from the comfort of your service truck. In just a few simple steps, the control is configured and ready to be installed.



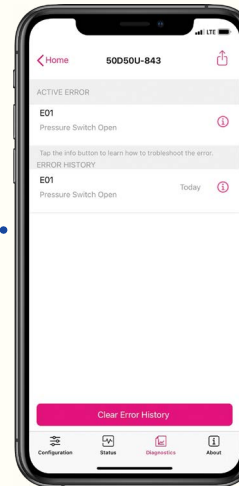
SIMPLIFY SERVICE CALLS



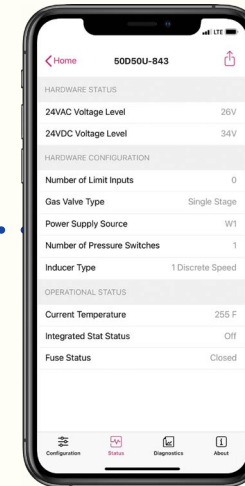
Configuration



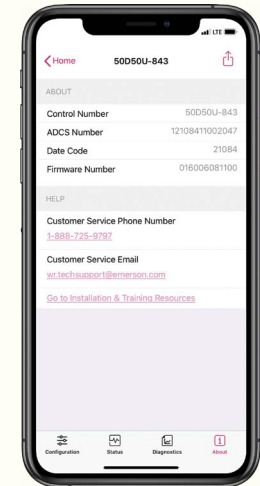
Diagnostics



Status

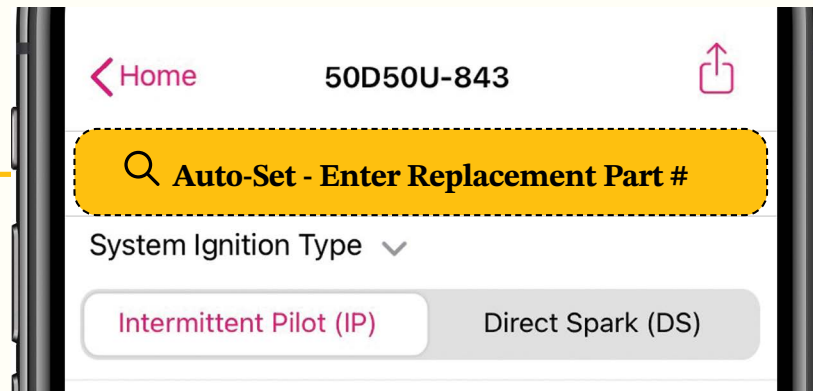
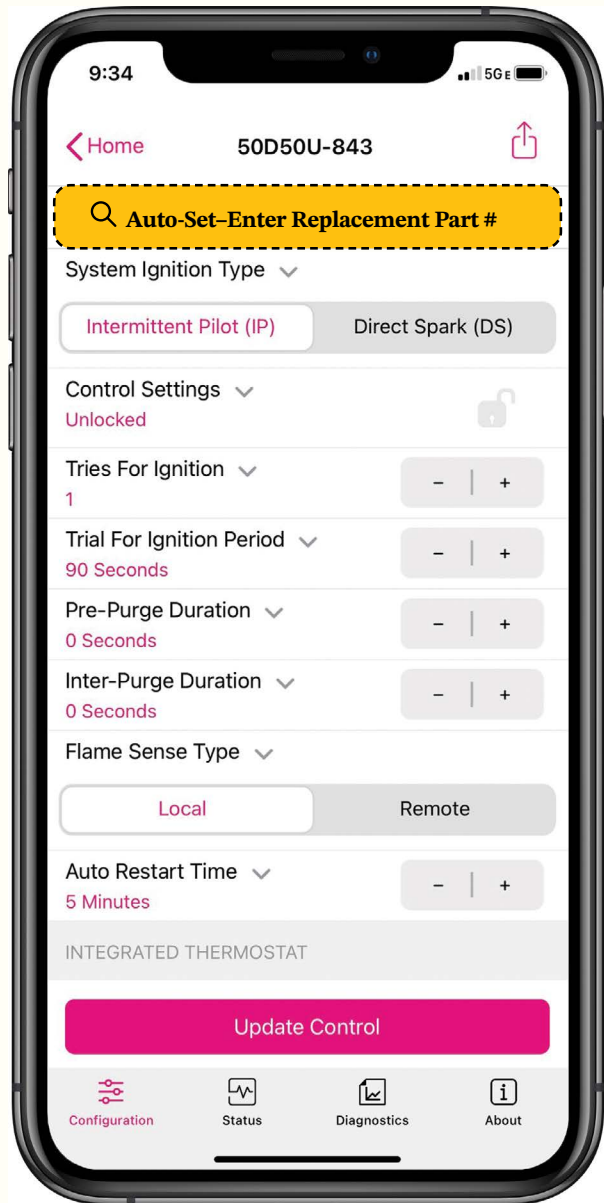


About



Configure 1,800+ part numbers and counting.

- **Configuration:** Quick, easy configuration from anywhere, even prior to install; no Wi-Fi needed
- **Diagnostics:** Troubleshoot & diagnose fault codes confidently from the app
- **Status:** View system status with the tap of a finger
- **About:** Access resources like installation guides, product literature and quick links



Instant Expertise with Auto-Set Feature

Setup has never been faster.

The auto-set feature in the White-Rodgers Connect app takes the guesswork out of configuration.

Simply enter the replacement part number to automatically configure the White-Rodgers universal control to the replacement part's original default settings. This can be done prior to installation and without power to the control. The White-Rodgers Connect app is preloaded with hundreds of OEM control settings.

Turn the page to see compatible White-Rodgers controls.

NOTE: AUTO-SET FIELD IS NOT YELLOW IN THE APP.

UNIVERSAL SINGLE STAGE HSI INTEGRATED FURNACE CONTROL

50M56X-843

Replaces 550+ part numbers.

The 50M56X-843 White-Rodgers universal single stage HSI integrated furnace control replaces more than 550 part numbers for furnaces with PSC and ECMx blower motors. OEM harness detection allows for plug-and-play functionality, eliminating the need for complex adapter harnesses.

Easy installation.

- OEM harness detection, no additional harnesses required
- Configurable for either PSC or ECMx blower motors
- 120V nitride ignitor included
- No rollout accessory or wire required
- Thermostat connector block for simple wiring
- On-board digital display for alternate configuration, diagnostics & real-time flame current



Competitive comparison



Product Feature	Resideo/Honeywell S9200U1000	ICM ICM2812-KIT	White-Rodgers 50M56X-843
Stages/Blower Types	1-PSC Only	1-PSC Only	1-PSC & ECMx
Mobile App	No	No	Yes - WR Connect
Harnesses	8	11	None - OEM harness detected
Cross-References	200+	150+	550+
Ignitor Voltage Serviced	120V Only	120V Only	80V & 120V
Includes Universal Ignitor	No	No	Yes
Configuration Options	Limited-4 Dipswitches	Limited-2 Dipswitches	Unlimited App or Push Buttons
LED Displays	Tri-color LED	Red LED Only	Digital LED Display
Rollout Accessory	Difficult Wire Jumper	Difficult Wire Jumper	Not Required
Flame Current Test	No	No	Digital Readout or Test Pins
Full Cover w/ Fault Code Label	No - Tray Only	Yes	Yes
Fault Recall & Clearing	Jump R & D Terminals	Push Button	WR App/Push Buttons
Status & Diagnostics	Count LED Flashes	Count LED Flashes	Read on Display or App
Humidifier Output	120V only	120V only	24V or 120V
2nd Stage Cooling & Dehumidification	No	No	Yes

UNIVERSAL HOT SURFACE IGNITION MODULE

50E47U-843

Replaces 325+ part numbers.

The 50E47U-843 White-Rodgers Hot Surface Ignition Module can be used in multiple applications that use 24V, 120V or 240V ignitors.

Versatile & easy to install.

- Universal replacement part for Fenwal, Honeywell, UTEC, ICM & Robertshaw
- Multiple voltage for 24V, 120V and 240V ignitors
- Controls an inducer motor and monitors pressure switch
- Easy install harness converts old board wiring
- On-board digital display for alternate configuration, diagnostics & real-time flame current
- Use with an integrated thermostat sensor to maintain temperature in infrared and tube heaters



Common applications include:

- Pool heaters
- Water heaters
- Unit heaters
- Gas furnaces
- Boilers
- Cooking equipment
- Laundry equipment
- Infrared heaters

Competitive comparison



Product Feature	Fenwal 35-65, 66	Robertshaw 780-787	ICM 283	Honeywell /Resideo S8910U	(Current) White-Rodgers 50E47-843	(New) White-Rodgers 50E47U-843
Flame Sense Type	Either/Or	Remote	Both	Both	Both	Both
Gas Valve Contact Rating	2A	1.5	1.5	2A	1.5A	2A
Control Voltage	24V 50/60Hz	24V 60Hz	24V 60Hz	24V 60Hz	24V 60Hz	24V 50/60Hz
Ignitor Voltage	24/120/240V	120V	120V	120V	120V	24/120/240V
Inducer/PSW	Yes	No	No	No	No	Yes
Mobile App	No	No	No	No	No	WR Connect
Configuration	None	None	Dipswitches	Dipswitches	Keys	App or Push Buttons
Display	Single LED Bulb	None	Single LED Bulb	Single LED Bulb	Single LED Bulb	3-Digit 7-Segment
Diagnostics	Count LED Flashes	None	Count LED Flashes	Count LED Flashes	Count LED Flashes	Read on Display or App
Flame Current Test	No	No	No	Test pads	No	Digital Readout or Test Pins
Integrated Thermostat	No	No	No	No	No	Yes

ALL-SPARK INTERMITTENT PILOT/ DIRECT SPARK IGNITION MODULE

50D50U-843

Replaces 1,000+ part numbers
for both IP & DSI controls.

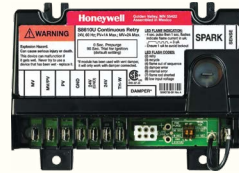
- Configurable for both 24V intermittent pilot and direct spark ignition systems
- Easy-install harness converts old board wiring to fit All-Spark
- Rajah and spade spark terminals on-board eliminate need for external adapter
- On-board digital display for alternate configuration and diagnostics
- Use with an integrated thermostat sensor to maintain temperature in infrared and tube heaters



Common applications include:

- Water heaters
- Unit heaters
- Gas furnaces
- Packaged units
- Boilers
- Cooking equipment
- Laundry equipment
- Infrared heaters

Competitive comparison



Product Feature	Fenwal 35-60, -61	Honeywell/Resideo S8610U	White-Rodgers 50D50U-843
Cross Ref. #s	1 (Individual SKUs)	425	1,000+
Ignition Type	DSI	IP	IP/DSI
User Configuration	None	Dispswitch	App or Push Buttons
NFC + App	No	No	Yes
Inducer/PSW	Yes	No	Yes
Alarm Output	Yes	No	Yes
On-Board Spark Output	Rajah or Spade	Spade	Rajah and Spade
Integrated Thermostat	No	No	Added in 2022



Scan the QR code
to learn more.

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