

# Integrated Thermostat Sensor

F67-8535

Integrates with select ignition modules to maintain temperature without an external thermostat

The integrated thermostat sensor can be used as a temperature sensor for the 50D50U-843 All-Spark Intermittent Pilot/Direct Spark Ignition Module and the 50E47U-843 Hot Surface Ignition Module to create a call for heat without using an external thermostat in the system.

The integrated thermostat sensor should only be used in infrared and tube heater applications.

## Reduce applied cost

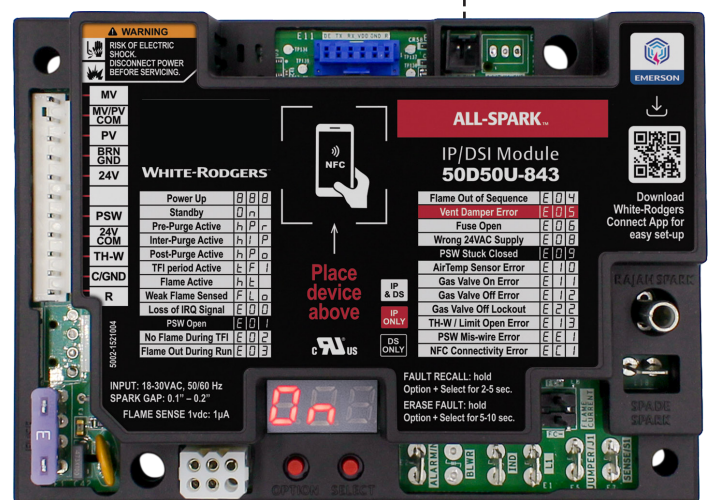
Maintain temperature without the need for an external thermostat

## Enable connected technology

Adjust temperature from mobile device with White-Rodgers Connect app

## Fast installation

Install plug-n-play sensor

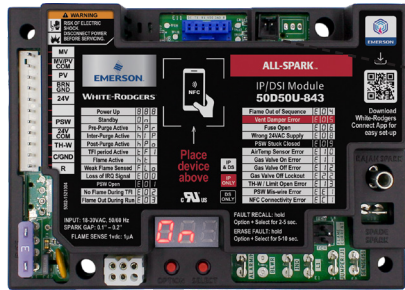


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## COMPATIBLE WITH:

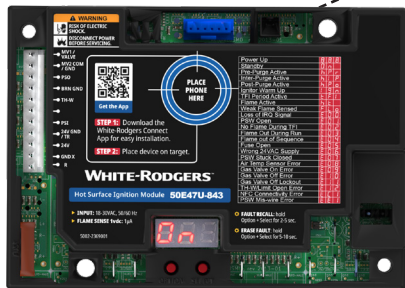
### ALL-SPARK | 50D50U-843 IP / DSI Ignition Module

Replaces over 1000 part numbers for both 24V intermittent pilot and direct spark ignition systems.



### 50E47U-843 Universal Hot Surface Ignition Module

Includes inducer/pressure switch functionality, and can operate with 24v, 120V, and 240V ignitors.



## SPECIFICATIONS:

Sensor Temp. Range: ..... -40° to 176° F (-40° to 80° C)  
 All-Spark™ Set Point Range: ..... 40° to 80°F (5° to 27°C)  
 All-Spark™ Offset Range: ..... +/-9°F (+/-5°C)  
 Temp. Accuracy: ..... +/- 5% at 77°F (25°C)  
 Wire Length: ..... 48 in.

## INTEGRATED THERMOSTAT OFFSET:

Offset allows sensor to conform to desired room temperature.

For a warmer sensor location, use a negative offset; for colder, use positive. E.g., set point = 65°F, desired temp = 63°F, sensor reading = 68°F; offset = -5°F.



# WHITE-RODGERS CONNECT APP

GET MORE DONE IN LESS TIME WITH THE **WHITE-RODGERS CONNECT APP**

The **50D50U-843** and **50E47U-843** are compatible with the White-Rodgers Connect app for simple configuration and accurate diagnostics.

- Configure without power before installation
- Select pre-loaded OEM settings with Auto-Set
- Diagnose with troubleshooting tips
- Connect without Wi-Fi, cell service, or login



Learn More

