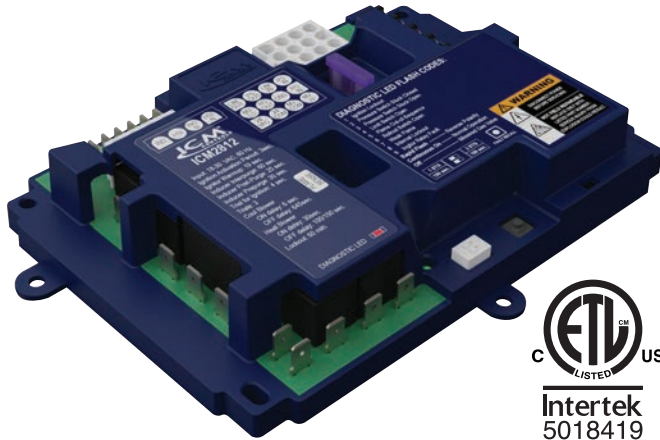




Scan to see a full specifications, installation and agency certification information.

### APPLICATIONS:

APPLIANCE | ELECTRICAL | HVAC/R | MARINE | POOL & SPA | RV



## FEATURES

- ✓ Furnace control module
- ✓ Hot Surface Ignition (HSI) control board
- ✓ Microprocessor-based
- ✓ Monitors timing, trial for ignition, system switches, flame sensing and lockout and 100% lockout safety feature
- ✓ Compatible with LP or Natural gas
- ✓ LED indication for status and fault codes to aid in troubleshooting
- ✓ ICM2812-Kit includes cable harnesses

## SPECIFICATIONS

- Voltage: 24 VAC (18-30 VAC)
- Line voltage: 120 VAC
- Operating temperature: -40° to 175°F (-40° to 80°C)
- HSI Hot Surface Ignitor: 6 amp @ 120 VAC
- Gas Valve: 1.5 amp @ 24 VAC
- Inducer draft motor: 2.2 FLA @120 VAC
- Blower motor: 9.5 FLA @ 120 VAC
- Operating Temp Range: -40° to 176°F (-40°C to 80°C)
- Humidity range: 5 to 95% relative humidity (non-condensing)
- Dimensions: 5.75" x 8.25" x 1.50"

## BUILT TO THE HIGHEST STANDARDS

- ETL Listed – Intertek 5018419
- Certified to CSA STD E60730-1 and CSA STD C22.2#60730-2-5
- Conforms to UL STDs 60730-1 and 60730-2-5
- Manufactured in a state of the art vertically integrated ISO9001:2015 facility
- Redundant gas valve design conforms to ANSI Z21.20

## OVERVIEW

The **ICM2812** is a universal board only replacement for the White-Rodgers 50M56U-843 and more than 150 competitive part numbers. Download the ICM Controls app for full cross reference information.

The **ICM2812-KIT** includes cable harnesses.

## REPLACES

The **ICM2812** is a universal board only replacement for the White-Rodgers 50M56U-843.

The **ICM2812-KIT** includes cable harnesses that make it a replacement for more than 150 competitive part numbers.

Download the **ICM Controls** app for full cross reference information.

Please visit [www.icmcontrols.com/ICM2812/replacements](http://www.icmcontrols.com/ICM2812/replacements).

## ORDERING INFORMATION

Board only: ICM2812

Kit with harness: ICM2812-Kit