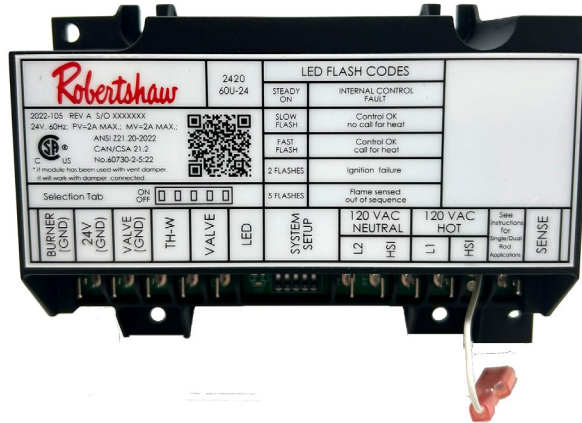


# 780U Universal Series

## 780U-HS30 Universal Hot Surface Ignition Module

Robertshaw



## Description

The Robertshaw 780U-HS30 Universal Hot Surface Ignition Module, part of the 780U Universal Series, is a highly adaptable 24V ignition module ideal for gas furnaces, boilers, water heaters, and unit heaters. It offers configurable settings for the number of trials, pre-purge, trial for ignition, inter-purge, and restart time. This module can replace over 100 models, including those from Honeywell and White-Rodgers. Designed for 120VAC timed warm up hot surface ignition elements (up to 5A), it supports both single rod (local sense) and two rod (remote sense) flame sensing and is compatible with both natural and LP gas. The module also features LED indicators that provide clear information on flame presence, strength, system status, and errors.

## Features and Benefits

- Configurable 24V ignition module
- Selectable number of trials, pre-purge, trial for ignition, inter-purge and restart time
- Replaces over 100 models including Honeywell, White-Rodgers, and others
- 120 VAC (up to 5A) timed warm up hot surface ignition elements
- Flame sensing supports both single rod (local sense) and two rod (remote sense)
- Compatible with both Natural and LP gas
- LED indicators provide troubleshooting and notifications for flame presence/strength and displays system status and errors

## Applications

- Gas Furnaces
- Boilers
- Water Heaters
- Commercial Cooking

**1** Year  
Limited  
Warranty



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## Specifications

- Control Voltage: 24VAC, 60 Hz
- Maximum Valve Contact Rating: 2A
- Current Draw: 0.25A plus valve load
- Hot Surface Ignitor Voltage: 120VAC, 60 Hz
- Contact Rating at 120VAC: 5A
- Ambient Operating Temperature: -40 to 175°F (-40 to 85°C)
- Relative Humidity: 0% to 95

## 780U-HS30 Replacement and Cross Reference

OEM	Manufacturer Series Part Number
Baso	BGH2UNCNTRLHT-01
ICM	ICM283
Resideo/Honeywell	S8910U3000/U
White-Rodgers	50E47-843

