



## S8910U

### Universal Hot Surface Ignition Module

One universal ignition module covers the most common timing and flame sensing configurations. The Resideo S8910U Universal Hot Surface Ignition Module is the only model you need to replace more than 800 Resideo and competitive controls. LED status indicators and microammeter ports simplify troubleshooting. Field configurable DIP switches make it quick and simple to match the characteristics of the old control.

# S8910U Universal Hot Surface Ignition Module

The S8910U is a perfect replacement for Resideo controls and can also match the timing and sensing configurations of OEM & competitor controls.

## UNIVERSAL REPLACEMENT

Resideo's S8910U is the only hot surface ignition module you need. With a temperature range of -40°F to 175°F, field-selectable DIP switches, application options, and LED status indicator, you can't find a better option for replacing hundreds of hot surface ignition modules.

## "PERSONALITY" PLUG-INS

S8910U is equipped with field-selectable DIP switches that allows you to match the trial count, trial for ignition period and igniter warm up times of the replaced control.

## SINGLE-ROD AND DUAL-ROD CAPABILITIES

Working with hot surface ignition systems that use single-rod or dual-rod sensing to prove the flame. The S8910U works with both natural and LP gas systems, so no matter what system you're working on, the S8910U is the right choice.

## QUICK DIAGNOSTICS

LED status indicator makes troubleshooting a snap. The lighting sequences tell you if there is a problem with the gas supply, igniter, wiring, or flame sensor. Built-in microammeter ports allow you to check the quality of the igniter.

## S8910U3000 Cross Reference

| RESIDEO                                                                                                                                                                                                                                       | ROBERTSHAW                                                                                                                                                                                                                                                                                       | WHITE-RODGERS                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S89C1004, S89C1012, S89C1046, S89C1087, S89C1103, S89D1002, S89G1005, S89G1013, S89G1021, S89G1047, S89H1003, S89H1011, S89H1029, S89J1008, S89OC1007, S89OD1006, S89OG1003, S89OG1011, S89OG1029, S89OG1037, S89OH1002, S89OH1010, S89OH1028 | HS780-17NL-104A, HS780-17NL-108A, HS780-17NL-304A, HS780-17NL-308A, HS780-17NR-104A, HS780-17NR-306A, HS780-17NR-308A, HS780-34NL-108A, HS780-34NL-304A, HS780-34NL-306A, HS780-34NL-308A, HS780-34NL-312A, HS780-34NR-104A, HS780-34NR-306A, HS780-34NR-308A, HS780-34NR-312A, HS780-34PL-308A, | 50E47-1 thru 50E47-79, 50E47-101 thru 50E47-179, 50E47-201 thru 50E47-279, 50E47-301 thru 50E47-379, 50F47-1 thru 50F47-79, 50F47-101 thru 50F47-179, 50F47-201 thru 50F47-279, 50F47-301 thru 50F47-379 |



The S8910U replaces existing flame rectification type hot surface ignition modules with the following characteristics:

- 120 Vac (up to 5A) HSI elements
- Single rod (local sense) or dual rod (remote sense)
- One or three ignition trials per call for heat
- Four-second or seven-second ignition trials
- Prepurge of 32 seconds or less
- Up to 96 seconds between trial purge (three-trial mode only)
- Natural or LP gas
- Igniter warm up times of 7, 17, 34, or 46 seconds



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### For more information

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