

**HOT SURFACE IGNITORS (HSI)**

**HSI – SILICON CARBIDE**



**625020 (41-409) Hot Surface Ignitor (HSI – Silicon Carbide)**

*Robertshaw.*

PART NO	VENDOR PART NO	ELEMENT MATERIAL	HEAT UP TIME (S)	IGNITION TEMP (°F)	WIRE LENGTH (IN)
625020	41-409 (271 NORTON)	Silicon Carbide	17	2150	4-1/2



**625024 (41-412) Hot Surface Ignitor (HSI – Silicon Carbide)**

*Robertshaw.*

PART NO	VENDOR PART NO	ELEMENT MATERIAL	HEAT UP TIME (S)	IGNITION TEMP (°F)	WIRE LENGTH (IN)
625024	41-412	Silicon Carbide	17	2150	5-1/4

**HSI – SILICON NITRIDE**



**62-24134-82 Hot Surface Ignitor (HSI – Silicon Nitride)**

*White  
Rodgers.*

Consists of 768A-844 with wiring harness adapter.

PART NO	VENDOR PART NO	ELEMENT MATERIAL	HEAT UP TIME (S)	IGNITION TEMP (°F)	WIRE LENGTH (IN)
62-24134-82	62-24134-82	Silicon Nitride	20	2174	12-1/4



**62-103541-01 Hot Surface Ignitor (HSI – Silicon Nitride)**

*White  
Rodgers.*

PART NO	VENDOR PART NO	ELEMENT MATERIAL	HEAT UP TIME (S)	IGNITION TEMP (°F)	WIRE LENGTH (IN)
62-103541-01	788A-101	Silicon Nitride	17	—	5-1/2



**DuraGlo Universal Hot Surface Ignitor Kit (HSI – Silicon Nitride)**

PART NO	VENDOR PART NO	ELEMENT MATERIAL	HEAT UP TIME (S)	IGNITION TEMP (°F)	WIRE LENGTH (IN)
421-181	S716.901	Silicon Nitride	8	1800	13

**HOT SURFACE IGNITORS (HSI) – SILICON NITRIDE UPGRADE KITS**



**21D64-1 – Silicon Nitride Hot Surface Ignitor (HSI) Upgrade Kit**

*White  
Rodgers.*

Designed to upgrade existing non-integrated HSI systems from a silicon carbide to a silicon nitride ignitor. The power module included with the kit connects the new nitride ignitor to the existing module. It steps down and regulates the voltage

to the ignitor to approximately 80 volts for proper operation.

- Robust ignitor design for longer life
- Universal bracket fits most furnaces
- 5-year limited warranty

PART NO	VENDOR PART NO	ELEMENT MATERIAL	HEAT UP TIME (S)	IGNITION TEMP (°F)	WIRE LENGTH (IN)
21D64-1	21D64-1	Silicon Nitride	20	2000	12



**21D64-2 – Silicon Nitride Hot Surface Ignitor (HSI) Upgrade Kit**

*White  
Rodgers.*

Designed to easily upgrade existing integrated or non-integrated HSI systems from a silicon carbide to a silicon nitride ignitor. No separate power module is required.

- Robust ignitor design for longer life and fewer callbacks
- Universal bracket fits most furnaces
- 5-year limited warranty

PART NO	VENDOR PART NO	ELEMENT MATERIAL	HEAT UP TIME (S)	IGNITION TEMP (°F)	WIRE LENGTH (IN)
21D64-2	21D64-2	Silicon Nitride	17	2101	14-1/2