



# SSN2000

## Silicon Nitride Universal 120 -VOLT Hot Surface Igniter Kit

A universal replacement igniter kit that replaces over 100 igniters and incorporates the durable and energy saving Silicon Nitride (Si3N4) technology.

### FEATURES

- Silicon Nitride design for strong, durable operation and performance.
- Easy installation, kit includes igniter, universal breakaway mounting bracket, hardware & instructions.
- Compact design
- CSA approved

### BENEFITS

- Universal replacement reduces SKU's.
- Replaces over 100 OEM part numbers.
- Longer igniter life (non porous construction).
- Low energy consumption uses half the power of Silicon Carbide igniters.
- Superior gas lighting ability, faster time to temperature response than Silicon Carbide igniters.
- No need for power supply module.

### APPLICATIONS

(Various types of gas fired equipment)

- Furnaces
- Boilers
- Unit Heaters
- Water Heaters



### SPECIFICATIONS

Operating voltage	120 VAC (+/-10-15%)
Time to 2102°F (1150°C)	<17 seconds @ 120 VAC
Steady temperature	2156°F-2426°F (1180°C-1330°C) @ 120 VAC
Cold resistance	15-30 Ohms @ 77°F (25°C)
Steady current	1.3 Amps (+/-0.3 Amps @ 120 VAC)
High temperature wire leads	20 AWG UL10362 482F°
Life cycles	>100,000

### SSN2000 Cross Reference

<b>American Appliance</b> 271B	<b>DMO Industries</b> 20834	<b>LB White</b> 120-07549	<b>Norton</b> 201,201D,201J,201K,201L	<b>Superior Fireplace</b> 94851	<b>White Rodgers</b> 737A-306	<b>Williamson</b> 9050
<b>American Road Equip</b> 201W	<b>Dornback Furnace</b> 271W	<b>Majestic</b> 75-92-104	201M,201N,201R,201W	<b>Tempstar</b> 1096048	767A-310	<b>York Intl</b> 025-27766-000
<b>Arcoaire</b> 1096048	<b>Ducane</b> 20015201	75-92-105	201Y,271,271D,271M	1148245	767A-311	025-27774-000
1380680	<b>Enerco Tech</b> 10399	<b>Mars</b> 67930	271N,271NM,271P	<b>Trane</b> 340039P01,B138196P01	767A-350	025-29043-000
<b>Armstrong Air</b> 38322B001	<b>Evcon</b> 1474-051	67931	271W,271Y	B144676P01,B144676P02	767A-353	025-29050-000
<b>Carlin</b> 87197S	<b>Goodman</b> 1474-052	67932	<b>Perfection Schwank</b> 108803-G1	B340039P01,IGN21	767A-354	025-32625-000
<b>Carrier Corp</b> LH33ZS001A	<b>HB Smith</b> 50018	<b>Metzger</b> 201N	<b>Raypak</b> 600915	IGN23,IGN26,IGN30,IGN34	767A-357	025-32626-000
LH33ZS002	<b>Heil</b> 1096048	201W	<b>Rheem</b> 62-22441-01	<b>Viessman</b> 9302-094	767A-361	025-33241-000
<b>Claire Brothers</b> C238	<b>Hupp Industries</b> 9050	<b>Mor Flo</b> 3200618	62-22868-82	<b>Wayne Home Eq</b> 62821-001	767A-365	373-05342-700
C242	<b>ICP</b> 1009604	3200618	62-22868-93	62821-002	767A-366	473-12509-001
<b>Coleman</b> 1474-051	<b>Igniters Direct</b> 902694	<b>Nordyne</b> 105141000	<b>Roberts Gordon</b> 90434300	<b>Weil McInain</b> 511-330-139	767A-370	
174-052	<b>HSIURK120V</b> 903110	632-0770	<b>Robertshaw</b> 41-402,41-403,41-404	511-330-190	767A-371	
<b>Comfortmaker</b> 1096048		632-0880	41-405,41-406,41-407,41-408	511-330-193	767A-372	
<b>Comfort Zone</b> 150114-04-01		902661	41-409,41-410,41-411	<b>White LB Co</b> 120-07549	767A-373	
<b>Detroit Radiator</b> 201D		902694	41-412,41-413,41-414	<b>White Rodgers</b> 21D64-2	767A-374	
		903110	<b>Snyder General</b> 1380654	767A-301	767A-375	
		FC007	1380672	767A-303	767A-376	
			1380680		767A-377	
					767A-382	
					767A-383	
					767A-384	
					F767A-357	
					F767-A361	
					F767-A365	
					F767-A366	



# SSN24

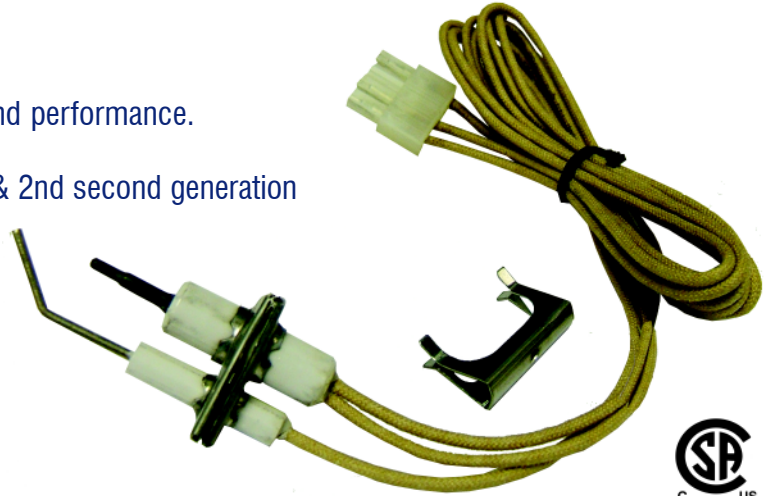
## Universal 24-VOLT Silicon Nitride (Si3N4) Igniter & Flame Rod Assembly Kit

### Features & Benefits

- Silicon Nitride design for strong, durable operation and performance.
- Low energy consumption.
- Backward compatible with all 24 Volt Honeywell 1st & 2nd second generation Smart Valves.
- Specifically used with the Honeywell Smart Valve™
- CSA approved

### Applications

- Furnaces, boilers, unit heaters, hot water heaters, fireplaces, pool heaters and spas that utilize the Honeywell Smart Valve.



### Uses & Replacements

Used In Honeywell Smart Valves™	Replaces Flame Rod Assemblies
SV9500	1009524
SV9500M2603	1149856
SV9500M2674	42640001
SV9500M2682	Q3400A
SV9501M2528	Q3400A1016
SV9600	Q3400A1024
SV9600H	Q3400A1040
SV9401	Q3450
SV9402	Q3480
SV9403	Q3620
SV9501	
SV9502	
SV9503	
SV9601	
SV9602	

### Kit Includes

Pre-assembled SiNi igniter & Ni Chrome flame rod, mounting clip, instructions and cross – reference.

### Replaces

Igniters Direct “SMART LITE”, Surface Igniter p/n AFN643, certain Honeywell and OEM p/n’s.

### Specifications

Operating Voltage	24 VAC + / - 10 – 15 %
Time To Reach 1800 F (982 C)	< 3 Seconds @ 24 VAC
Cold Resistance	4 – 6 Ohms @ 75 F (24 C)
Steady Current	0.8 – 1.2 Amps
Life Cycles	200,000

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