



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

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

American Appliance 271B	DMO Industries 20834	LB White 120-07549	Norton 201, 201D, 201J, 201K, 201L	Superior Fireplace 94851	White Rodgers 737A-306	Williamson 9050
American Road Equip 201W	Dornback Furnace 271W	Majestic 75-92-104	201M, 201N, 201R, 201W	Tempstar 1096048	767A-310	York Intl 025-27766-000
Arcoaire 1096048	Ducane 20015201	75-92-105	271N, 271NM, 271P	1148245	767A-311	025-27774-000
1380680	Enerco Tech 10399	Mars 67930	271W, 271Y	Trane 340039P01, B138196P01	767A-350	025-29043-000
Armstrong Air 38322B001	Evcon 1474-051	67931	Perfection Schwank 108803-G1	B144676P01, B144676P02	767A-353	025-29050-000
Carlin 87197S	1474-052	67932	Raypak 600915	B340039P01, IGN21	767A-354	025-32625-000
Carrier Corp LH33ZS001A	Goodman 10401009	Metzger 201N	Rheem 62-22441-01	IGN23, IGN26, IGN30, IGN34	767A-357	025-32626-000
LH33ZS002	B1401018S	201W	62-22868-82	Viessman 9302-094	767A-361	025-33241-000
Claire Brothers C238	HB Smith 50018	Mor Flo 3200618	62-22868-93	Wayne Home Eq 62821-001	767A-364	373-05342-700
C242	Heil 1096048	3200618	Roberts Gordon 90434300	62821-002	767A-365	473-12509-001
Coleman 1474-051	Hupp Industries 9050	Mor Flo 3210401	90436600	Weil McInain 511-330-139	767A-366	
174-052	ICP 1009604	3200618	Robertshaw 41-402, 41-403, 41-404	511-330-190	767A-370	
Comfortmaker 1096048	1096048	3200618	41-405, 41-406, 41-407, 41-408	511-330-193	767A-371	
Comfort Zone 150114-04-01	Igniters Direct HSIURK120V	902661	41-409, 41-410, 41-411	White LB Co 120-07549	62821-002	
Detroit Radiator 201D		902694	41-412, 41-413, 41-414	White Rodgers 21D64-2	767A-372	
		903110		767A-301	767A-373	
		FC007		767A-303	767A-374	
					767A-375	
					767A-376	
					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™

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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