

Silicon Nitride Universal Furnace Igniters - 120 Volt

Silicon Nitride (SiNi) igniters offer the ultimate in durability and cycle life. Choose from three (3) Universal 120 V SiNi igniters to upgrade your ignition control system.



Features/Benefits

- Silicon Nitride technology for strong, durable operation and performance
- Easy installation: kits include igniter, mounting brackets, hardware, instructions & cross reference
- Universal replacements, reduces SKU's
- Replaces hundreds of OEM & competitors igniters
- Longer igniter life (non porous construction)
- Low energy consumption uses half the power
- Low energy consumption uses half the power of Silicon Carbide igniters
- Superior gas lighting ability, faster time to temperature response than Silicon Carbide igniters
- 120 volt full line voltage igniters no power supply module required

Applications

(Various types of gas fired equipment)

- Furnaces
- Boilers
- Unit Heaters
- Water Heaters

Note: Silicon Nitride HSI igniters CANNOT be used in Direct Sense Applications!



SSN4000

SSN4000 Ultimate Mini Universal Silicon Nitride Igniter-120 Volt

- Miniature design
- Life rated to 200,000 cycles
- 3 year warranty

Specifications

Operating Voltage	115 VAC Min 102-132 VAC
Time To Temperature	1800°F (982°C) <10 Seconds @ 115 VAC & 75°F ±10°F Ambient
Steady Temperature	2366°F (1297°C)
Cold Resistance	46 Ohms @ 75°F ±10°F
Steady Current	.53Amps @ 115 VAC
High Temperature Wire Leads	6" 20 AWG 572°F (300C) UL1332
Life Cycles	>200,000



SSN3000

SSN3000 Heavy Duty Universal Silicon Nitride Igniter - 120 Volt

- Robust design
- Life rated to 50,000 cycles
- 2 year warranty

Specifications for SSN3000/SSN3016

Operating Voltage	115 VAC Min 102-132 VAC
Time To Temperature	1800°F (982°C) <17 Seconds @ 102 VAC & 75°F ±10°F Ambient
Steady Temperature	2366°F (1297°C)
Cold Resistance	10 Ohms @ 75°F ±10°F
Steady Current	<4.25 Amps @ 132 VAC
High Temperature Wire Leads	24" 18 AWG 842°F (450C) UL512B
Life Cycles	>50,000



SSN2000

SSN2000 Universal Silicon Nitride Igniter - 120 Volt

- Economic design
- Life rated to 50,000 cycles
- 1 year warranty
- CSA Approved

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 482°F
Life cycles	>50,000

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



SSN3016

SSN3016 Direct Replacement Silicon Nitride Igniter - 120 Volt

- Robust Design
- Stronger Physical Durability
- <17 sec Time to Temp
- Replaces **Goodman** Igniters- B140105, B1401009
- >50,000 cycles
- 2 year warranty