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IGN-2



TRUE START[®] Hot Surface Igniter



Includes
universal
electrical plug
connection kit



Includes
universal
bracket kit

Comparable to
Honeywell[®] Glowfly[™]



3 year warranty



Assembled in
U.S.A.



IGN-2



TRUE START[®] Hot Surface Igniter



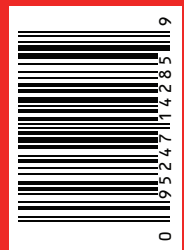
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800.995.2222
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L46-270



IGN-2 Installation Instructions

FAILURE TO READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR OPERATING THIS IGNITER COULD RESULT IN IMPROPER OPERATION OF THE APPLIANCE CAUSING PERSONAL INJURY OR PROPERTY DAMAGE.

PRECAUTIONS: Installation should be done by a qualified heating and air conditioning serviceman or licensed electrician. All wiring must comply with local and national electrical codes and ordinances. Following the installation or replacement of the igniter, follow the manufacturer's recommended installation/service instructions to check for proper operation.

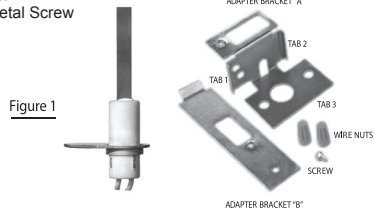
WARNING: failure to comply with the following warnings could result in personal injury or property damage.

DESCRIPTION: This igniter kit is designed to convert existing hot surface ignition (HSI) systems from silicon carbide (flat or spiral) to a silicon nitride igniter. This kit will not replace direct sense igniters or sealed combustion igniters such as Norton 271A or 271Y, Robertshaw® 41-401 or 41-406 or White Rogers® 767A-356.

The new silicon nitride igniter connects to the existing HSI module.

The kit contains:

- (1) Installation Instructions
- (1) 120VAC Silicon Nitride Igniter
- (2) Mounting Adapter Brackets
- (2) Wire Nuts
- (1) Sheet Metal Screw



INSTALLATION: Several different mounting arrangements are provided by the adapter brackets for compatibility with various gas appliances. Proper positioning of the silicon nitride igniter will be provided by using the correct adapter bracket. Table 1 shows the types of silicon carbide igniters that this igniter is compatible with and shows the tabs that must be removed to provide proper positioning for the silicon nitride igniter when installed.

1. Shut **OFF** electrical power and gas supply to the unit.
2. Remove the access door to the burner compartment.
3. Remove any additional covers in the burner compartment as required to access the igniter.
4. Locate the two hot surface igniter lead wires and disconnect either by unplugging the connectors or untwisting the wire nuts.
5. Remove the existing igniter and save the screws for use when reassembling.
6. Refer to Table 1 and carefully identify the correct igniter base.
7. Properly dispose of the old igniter.
8. Refer to Table 1 and select the correct adapter bracket. If adapter bracket "A" is to be used, be sure to break off the required tabs. Install the silicon nitride igniter on the adapter bracket, the silicon nitride igniter will be in the same position as the original igniter.
9. If there is a connector on the igniter lead wires coming from the ignition module, cut the lead wires near the connector and strip them.
10. Attach the igniter lead wires coming from the ignition module to the new silicon nitride igniter using the wire nuts provided and making sure no bare wires are exposed.

Validate Installation:

1. Turn **ON** the electrical power to the unit.
2. Set the room thermostat above room temperature.

3. Using an AC voltmeter, measure the voltage across the igniter during the igniter warm-up. The voltage should be 102 VAC to 132 VAC.
4. Verify that the igniter glows red during the warm-up period.
5. Turn **OFF** electrical power to the unit.
6. Reinstall the burner compartment door.
7. Turn **ON** both electrical power and gas supply to the unit.
8. Set the thermostat above room temperature.
9. Verify that the gas has ignited and a normal heating cycle has completed.
10. Reset thermostat to desired set point.

Table 1

IGNITER TO BE REPLACED	ADAPTER BRACKET SHOULD LOOK LIKE THIS*	ASSEMBLY OF SN IGNITER AND BRACKET SHOULD LOOK LIKE THIS
Base 1 	 Remove tabs 2 & 3	
Base 2 	 Remove tabs 1 & 3	
Base 3 	 Remove tabs 1 & 2	
Base 4 	 Remove tabs 2 & 3	
Base 5 	 Remove tabs 2 & 3	
Base 6 	 Use bracket as is	

* Refer to figure 1 for location of tabs to be removed.