

Integrated Hot Surface Ignition Control Board Replacement Kit

INSTALLATION INSTRUCTIONS

Large Package 20 SEER - 2 Stage/2 Speed - Gas Electric Models

⚠ WARNING:

ELECTRICAL SHOCK, FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury or property damage.

Improper servicing could result in dangerous operation, serious injury, death or property damage.

- Before servicing, disconnect all electrical power to the unit.
- When servicing controls, label all wires prior to disconnecting. Reconnect wires correctly.
- Verify proper operation after servicing.

⚠ CAUTION:

- Installation of this kit must be performed by a qualified installer, service agency or the gas supplier. Improper installation, alteration, service, or maintenance may cause property damage or personal injury.
- To avoid damage to components on this electronic ignition module, proper steps should be taken to avoid the chance of electrostatic discharge. A wrist strap or other means of grounding yourself to the unit should be observed to prevent static discharge to the board.

BEFORE YOU INSTALL THIS KIT

- ✓ Read these installation instructions thoroughly before proceeding with the ignition control board replacement.
- ✓ Check your kit and make sure all necessary items are enclosed in the kit. This includes:
 - Replacement Hot surface Ignition Control Board
 - Installation Instructions

INSTALLATION OF REPLACEMENT KIT

1. Set Indoor thermostat system switch to the "OFF" position.
2. Turn off all electrical power to the appliance before removing the control compartment louvered access panel.
3. Locate control board and remove the 5, 6, and 12 pin plug connectors from the board.
4. Remove the remaining wires from the old board one at a time and connect them to the new control board as they are removed to prevent possible mis-wiring. If wires are too short to reach due to factory routing, mark each one individually to prevent mis-wiring.
5. Remove the old board by cutting off the four(4) mounting standoffs. Install the new board in the same location by snapping the feet into the mounting holes. **NOTE:** Use care to apply pressure only at the mounting studs.
6. Reconnect the wiring and check final connections per the wiring diagram affixed to the inside of the control access panel or installation instructions provided with the unit.
7. Turn power back on to the unit and check the furnace for proper operation per the installation instructions provided with the unit.

