

REPLACEMENT PART INSTALLATION INSTRUCTIONS

Replacement Ignition Control S1-32542681000

This Kit Replaces The S1-02529012000, -700, -001, -002, -702, -003, -004, -704

GENERAL

This kit is intended to replace the G775RJD-10D, -12D, -13, JCI ignition controls that were found on YORK, Coleman, Luxaire, & F/J packaged rooftop units. 3-25 tons

Installation Procedure

⚠ WARNING

Disconnect electrical power to the unit before installing these controls. Failure to remove power could result in electrical shock, equipment damage, or death.

NOTE: All wiring must be in accordance with the national electrical code, latest edition, and all local codes.

Kit contains the following items:

- 1-UT ignition control S1-02542681000
- 1-Green ground wire S1-501582
- 1-Installation Instructions S1-03521650000

The G775 control mounted with 2 screws at opposite ends of the control. Spacing was 4.25 X 2.75 inches.

The new UTEC1003-600 series ignition control can mount with 2 or 4 screws. Spacing 3.375 X 3.50. (See Pictures)

1. Disconnect power from the unit.
2. Open Control box. With a known good meter, verify the power is off.
3. Remove the gas section cover panel.
4. Locate the "blue" JCI G775 ignition control box.
5. Tag each wire on the old control for terminal ID.
6. Disconnect wiring.
7. Remove screws securing control to panel and remove the old control.
8. Reinstall one screw back into the upper left hole, leaving screw loose enough to slide the mounting foot of the new control under it. Holding the new control in place, mark opening in opposite corner mounting foot.
9. Drill pilot hole and mount new control using the 2 screws, removed in Step 7.
10. Wire new control. Markings will be same as on old G775.

11. Drill pilot hole in panel to mount new ground wire.
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13. Using sand paper or steel wool, clean panel area around pilot hole to assure a good ground connection.
14. Connect the green ground wire to the panel with a self tapping screw. Connect the other end to terminal marked GND (Burner).

NOTE: The terminals marked GND (Burner) and 24V (Grd) are interconnected. Both can be used to ground the control circuit, the burner and the Ignition Control. Some units may require installing a ground wire directly to the burner manifold to get a good ground for the spark igniter to operate.

15. Check all connections and wiring.
16. Turn power back on.
17. Give the unit a call for heat to make sure the new control is operational.
18. Replace all panels.

⚠ CAUTION

If the outside panels use retaining screws, the screws will be seal type and need to be replaced with seal type screws. Failure to use seal screws may allow water to be drawn into the unit.



