

REPLACEMENT PRESSURE SWITCH GTH SERIES HIGH EFFICIENCY (CONDENSING) GAS-FIRED FURNACE

Tridelta PPS10000 series pressure switch originally used on Ultramax III furnace has been phased out of production by the manufacturer. The Tridelta/Honeywell IS2 series pressure switch or Cleveland Controls NS2 series pressure switch replaces PPS 10000 series.

Part numbers for GTH series pressure switches have changed. The IS2/NS2 series footprint is smaller than PPS 10000 footprint.

A new screw location is necessary to properly fasten the replacement pressure switch to the inner front panel assembly.

Kit Contents					
Switch P/N	Setting	Unit	Old P/N's	New VPN	Application
Kit No. 29776					
29729	-1.30 in. w.c.	GTH085	Olsen 28680 VPN PPS 10124-2739	IS2 0130071F 5017	Induced Blower Sensing
Kit No. 29777					
29730	-1.40 in. w.c.	GTH050 GTH070 GTH100	Olsen 28681 VPN PPS 10124-2740	IS2 0130071F 5018	Induced Blower Sensing
Kit No. 29778					
29731	-0.50 in. w.c.	GTH050 GTH070 GTH085 GTH100	Olsen 28682 VPN PPS 10125-2741	IS2ATO2-6085/UA or NS2-1476-00	Recovery Coil Sensing
All kits include: 2 Part No. 2121040, No. 8 x 1/2" Sheet Metal Screws 1 Part No. 29779, Instruction Sheet					

WARNING

Fire, explosion, asphyxiation and electrical shock hazard. Improper installation could result in death or serious injury. Read this instruction and understand all requirements, including requirements of authority having jurisdiction, before beginning installation. Installation not complete until appliance operation is verified per Installation, Operation & Maintenance Manual provided with furnace.

KIT INSTRUCTIONS

1. Follow instructions to TURN OFF GAS TO APPLIANCE found on Operating Instructions label on furnace or in Installation, Operation & Maintenance Manual. Verify all electrical power to furnace is turned off.

⚠ WARNING

Electrical shock hazard. Turn OFF electrical power supply at service panel.

2. Shut off electric power to furnace.
3. Remove wire leads to switch.
4. Remove sensing tube to switch.
5. Remove mounting screws from old pressure switch.
6. Mark new screw location, 3-1/8" straight up from existing bottom screw hole. Drill new screw hole with 1/8" drill bit.

NOTICE

Do not drill beyond inner front panel. Recovery coil cover is approximately 1/2 inch behind inner front panel.

7. Pressure switch sensing tube connector will face left. Install bottom screw to new pressure switch in existing bottom screw hole. Screw top screw into new screw pilot hole.
8. Plug original pressure switch upper screw hole with 8 x 1/2 sheet metal screw provided.
9. Attach pressure sensing tube to pressure switch sensing tube connector.
10. Attach wire leads to pressure switch. Pressure switch is SPST; polarity is not critical.
11. Restore electric power to furnace.
12. Refer to Installation, Operation and Maintenance to test cycle furnace.

Figure 1 - Old Pressure Switches

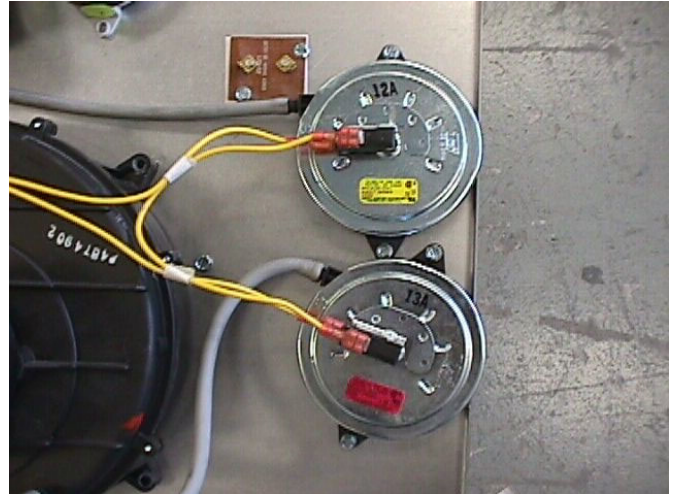


Figure 2 - New Pressure Switches

