

OTDFPKG-01 OUTDOOR THERMOSTAT FOR DUAL FUEL PACKAGE

INSTALLATION INSTRUCTIONS

ATTENTION INSTALLING PERSONNEL



As a professional installer, you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair, it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is **your** responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

 WARNING
<p>HIGH VOLTAGE! DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.</p> 

 CAUTION
<p>TO AVOID POSSIBLE PERSONAL INJURY, USE EXTREME CAUTION IF USING POWER TOOLS TO REMOVE THE SMALL BREAKER MOUNTING BRACKETS. THE BRACKETS MAY QUICKLY ROTATE AND CAUSE INJURY.</p>

INSTRUCTIONS

1. Remove all parts from the OTDFPKG-01 kit. Compare parts to Table 1 to insure all needed parts are present before proceeding.

Kit Components	
Part Description	Qty.
Webbed Grommet	1
Cutting Screws	2
Housing Assembly (contains parts below)	1
Door	1
Box	1
Top	1
Bottom Screen	1
Thermostat	1
Thermostat Harness	1
Screws	6
IO-771A Installation Instructions	1

Table 1

2. Remove the blower door in order to access the thermostat plug on the inside of the unit. The harness is labeled "OUTDOOR THERMOSTAT".
3. Remove the knockout from the duct panel located next to the blower door (see Figure 1).

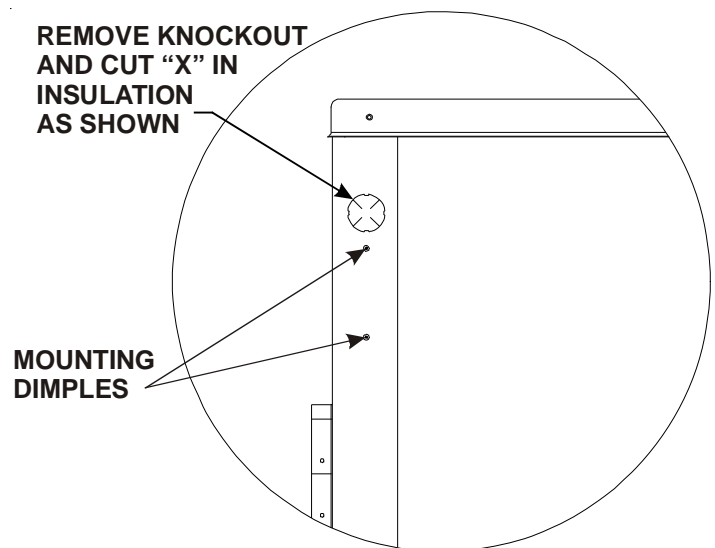


Figure 1



4. There will be insulation behind the knockout on the inside of the unit. Cut an "X" into the insulation as shown in Figure 1.
5. Snap in the webbed grommet into the resulting hole in the duct panel.
6. Remove the door from the housing assembly. Place the plug of the thermostat through the grommet and through the hole cut into the insulation into the inside of the unit.
7. With the cutting screws shipped with the kit, mount the housing to the duct panel using the locating dimples on the panels. When mounted, the large hole in the top right hand corner of the housing should surround the webbed grommet and the housing should be flush against the duct panel.
8. Locate the outdoor thermostat harness inside the blower compartment. Remove the jumper plug and connect the plug from the thermostat to the plug inside the blower compartment. Place the jumper plug with the literature of the unit and keep in case servicing is needed later.
9. Set the outdoor thermostat to the desired level using a flat head screw driver (see Figure 2). The setting will determine the temperature at which the unit will switch from mechanical heat with the heat pump to gas heat using the gas furnace. In most cases, it is recommended that the setting be in the range of 35°F – 40°F depending on the cost of local utilities.

Set the thermostat by lining the small tick mark on the dial with the desired temperature.

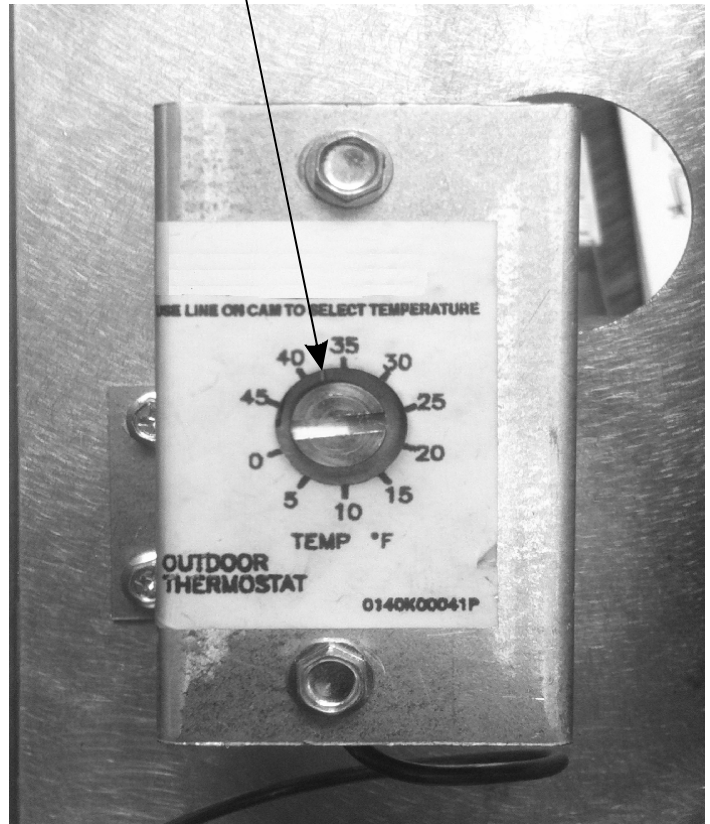


Figure 2

IMPORTANT NOTE: If the housing is in a location where it will be in direct sunlight, the temperature inside the housing could be 5°F - 10°F higher than the ambient outside of the box. Take this into consideration when setting the thermostat in these applications.

10. Once the thermostat is set, replace the door to the housing and to the blower compartment.

NOTE: SPECIFICATIONS AND PERFORMANCE DATA LISTED HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTICE

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All of our systems are designed and manufactured with the same high quality standards regardless of size or efficiency. We have designed these units to significantly reduce the most frequent causes of product failure. They are simple to service and forgiving to operate. We use quality materials and components. Finally, every unit is run tested before it leaves the factory. That's why we know. . . **There's No Better Quality.**

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