

HAZARD INTENSITY LEVELS

- DANGER:** Failure to comply will result in severe personal injury or death and/or property damage.
- WARNING:** Failure to comply could result in severe personal injury or death and/or property damage.
- CAUTION:** Failure to comply could result in minor personal injury and/or property damage.

REZTOR *Thomas & Betts*

OPTION CD1 VERTICAL LOUVERS

INSTALLATION FORM RZ-NA 432/433-VL

APPLIES TO: **Models FT and SFT**

Description/Application

Vertical louvers are designed to direct the discharge air to provide a wider throw pattern. These vertical louver option packages apply to Reznor® Models FT and SFT as listed in the table below. If installing on an SFT 60 or 75, there are two possible kits. Follow the instructions in the note below the table to select the correct kit. The option packages include:

Model	FT and SFT		All FT and SFT mfgd beginning 10/00*		SFT mfgd prior to 10/00*		FT and SFT													
	Size	30 & 45	60 & 75	60 & 75	100	125	150	200	250	300	Option Package P/N	160850	160818	160819	160820	160821	160822	160823	160824	160825
Components:	Qty	P/N	Qty	P/N	Qty	P/N	Qty	P/N	Qty	P/N	Qty	P/N	Qty	P/N	Qty	P/N	Qty	P/N	Qty	P/N
Vertical Louver Top/Bottom Member	2	159443	2	159443	2	159443	2	159444	2	160889	2	160889	2	160889	2	160889	2	160890	2	160890
Vertical Louver #10-16 x 1/2" lg screw	4	160500	4	160504	4	160501	6	160501	6	160502	6	160503	6	160505	10	160503	10	160505	10	160505
	32	11813	32	11813	32	11813	32	11813	32	11813	32	11813	32	11813	32	11813	32	11813	32	11813

*To select the correct kit for Models SFT 60 and 75, measure the height of the discharge opening. The louvers in Package P/N 160819 fit a discharge opening height of 13-1/8" (333mm); the louvers in Package P/N 160818 fit a discharge opening height of 16-1/8" (410mm). This change occurred with heaters manufactured 10/00 (Serial No. Date Code AZJ).

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury or death. Read the installation, operation, and maintenance instructions thoroughly before installing or servicing this equipment.

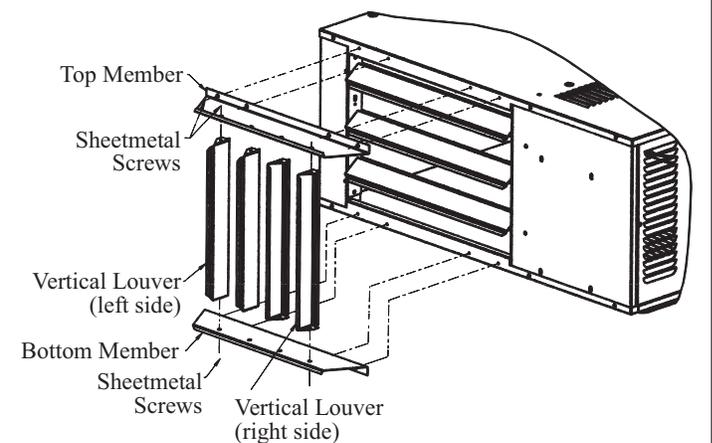
Installation Instructions

Installation should be done by a qualified agency in accordance with the instructions on this sheet and in compliance with all codes and requirements of authorities having jurisdiction.

Tools Required: All heaters - Flat Screwdriver or 5/16" Socket; Heaters manufactured prior to 2/98 - Drill with 1/8" Bit

- Assemble the Louvers** -- Assemble vertical louvers to the top and bottom members using the sheet metal screws provided (See Figure 1).
 - Vertical louver edges should extend beyond the front outer end of the louver top and bottom members.
 - Stops are designed so that the right half of the louvers turn right and the left half of the louvers turn left.
- If the heater is installed, for your safety, turn off the gas and the electrical power before installing the assembled vertical louvers.**
- Prepare Heater Front Panels (Top and Bottom)** -- Position the louver assembly on the front of the unit as illustrated.
 - If there are 1/8" holes in the front top and bottom panels, align the louver assembly with the holes.
 - If there are no holes in the front top and bottom panels, using the louver top and bottom as a template, mark and drill 1/8" holes (four to six depending on heater size) in both the top and bottom front panels.
- Install the Louver Assembly** -- Attach the top member of the vertical louver assembly to the top front panel of the heater and the bottom member of the vertical louver assembly to the bottom front panel.

Figure 1 - Installing Optional Vertical Louvers



NOTE: Depending on when the heater was manufactured, holes for the vertical louver assembly are either put in the front of the heater at the factory or must be drilled when the louver assembly is installed.

- Adjust the horizontal and vertical louvers to provide the desired air direction.

CAUTION: To avoid getting burned, adjust louvers while heater is not in operation. If louvers are adjusted while heater is in operation, wear protective gloves.

- Turn on the electric and the gas. Relight by following the lighting instructions on the heater. Check for proper operation.