



Options and Accessories (cont'd)

Apply to Unit Heater Models as Listed

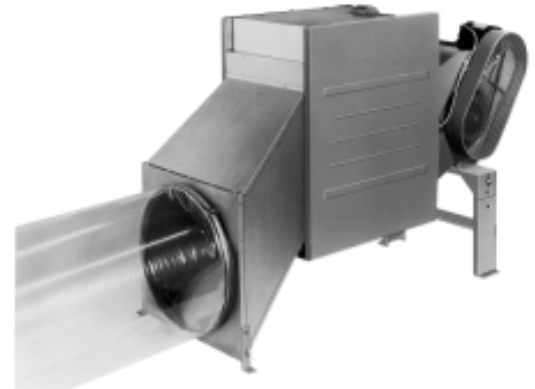
■ Optional Polytube Outlet Adapter - Apply to Models BE and B

Description

The optional outlet nozzle is designed to allow the attachment of polytube-type air distribution for use in greenhouse and industrial buildings. Outlet on suspended heater may be either above, below, or directly in line with the heater discharge. A kit is available to floor mount the heater with outlet below the heater discharge (see illustration). Standard blower and drive are designed to handle rated CFM at .25 w.c. ESP, and will inflate a 24" tube up to 150 ft long. See table for proper free area, minimum number of holes and sizes. Units may be used for greenhouse heating and ventilating or in industrial applications requiring high mounting heights or spot heating by means of polytube distribution.

The total open or free area of the polytube is important. Polytube suppliers have a great deal of flexibility in placement and sizing of holes. Too small of a free area will cause overheating. Excessive open area may not permit the tube to inflate. See the table below for a guide in hole size and location. Spacing and hole size may be varied, but free area must not be less than shown for the heater being installed.

Greenhouse Application - For greenhouse use, the number of units required is generally based on an airflow volume of 1-1/2 to 2 CFM per square foot of house floor area. Depending on the heat loss requirements of the house type, location, and desired temperature above ambient, the ventilation requirements determine the number of distribution systems required and the heat loss determines the BTUH heater size required. As a general rule, a single system will serve a maximum house width of 30 ft and a length of 150 ft.



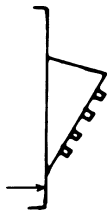
Photograph shows polytube outlet mounted on a BE unit. The outlet nozzle requires field assembly and installation on the standard unit in place of the top front panel and louvers. The heater manufacturer does not supply tubing. Tubing can be ordered from a local greenhouse supply distributor. Two such suppliers are FOF Products, Inc. P. O. Box E, 1505 Racine Street, Delevan, WI 53115 and ACME Engineering Co., P. O Box 978, Muskogee, OK 74402.

Size	CFM at .25" ESP	Polytube Diameter (inches)	Minimum Free Area (square Inches)	Suggested Hole Sizes and Locations					
				Holes	Length of Polytube				
					50 Ft	75 Ft	100 Ft	125 Ft	150 Ft
75	925	18	110	Number	37pairs	75 pairs	75 pairs		
				Diameter	1-1/2"	1"	1"		
				Spacing	16"	12"	16"		
100	1235	18	145	Number	50 pairs	50 pairs	100 pairs	94 pairs	
				Diameter	1-1/2"	1-1/2"	1"	1"	
				Spacing	12"	18"	12"	16"	
125	1540	18	185	Number	40 pairs	60 pairs	60 pairs	125 pairs	
				Diameter	1-7/8"	1-1/2"	1-1/2"	1"	
				Spacing	15"	15"	20"	12"	
130	1600	24	190	Number	40 pairs	60 pairs	60 pairs	125 pairs	
				Diameter	1-7/8"	1-1/2"	1-1/2"	1"	
				Spacing	15"	15"	20"	12"	
165	2035	24	240	Number	50 pairs	50 pairs	75 pairs	75 pairs	75 pairs
				Diameter	1-7/8"	1-7/8"	1-1/2"	1-1/2"	1-1/2"
				Spacing	12"	18"	16"	20"	24"
200	2465	24	300	Number	42 pairs	42 pairs	60 pairs	60 pairs	100 pairs
				Diameter	2-1/4"	2-1/4"	1-7/8"	1-7/8"	1-1/2"
				Spacing	14"	21"	20"	25"	18"
250	3085	24	360	Number	40 pairs	60 pairs	60 pairs	60 pairs	60 pairs
				Diameter	2-1/2"	2"	2"	2"	2"
				Spacing	15"	15"	20"	25"	30"
300	3700	24	425	Number	75 pairs	75 pairs	75 pairs	75 pairs	75 pairs
				Diameter	2"	2"	2"	2"	2"
				Spacing	9"	12"	16"	20"	24"
400	4935	24	550	Number	60 pairs	60 pairs	60 pairs	100 pairs	100 pairs
				Diameter	2-1/2"	2-1/2"	2-1/2"	1-7/8"	1-7/8"
				Spacing	10"	15"	20"	15"	18"

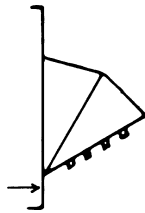
CAUTION: To prevent overheating of the blower unit heater and to ensure correct air distribution, the minimum hole area must be provided as shown in the table for each size. If more holes are used, do not exceed 1.25 times the minimum area shown to ensure proper tube inflation.

Diameter of the Hole (inches)	Area of the Hole (square inches)
2-1/2	4.91
2-1/4	3.98
2	3.14
1-7/8	2.76
1-1/2	1.76
1	0.785

■ **Optional Downturn Nozzles - Apply to Models FT, SFT, FE, BE, F, B, SCA and SCB**



Optional Downturn Nozzle with 25°-65° Range of Air Deflection



Optional Downturn Nozzle with 50°-90° Range of Air Deflection

IMPORTANT: On fan models (FT, SFT, F, FE, and SCA), *do not* use optional vertical louvers in combination with a nozzle with 50-90° range of air deflection.

- Shipped separately for field assembly and installation

■ **Model OT Oil Tank - Apply to Models OH and OB**

DESCRIPTION

The Model OT250 fuel tank is a 250-gallon, single-wall, indoor, UL-listed fuel oil tank. Oil tanks often eliminate needed work and storage space, but the Model OT-250 oil tank is designed with a work bench top that allows the tank itself to be used as a work area. The tank has a large (12-1/2 sq ft) work surface with 2" side and rear retainer lips and 3" legs for "toe space".

Tank construction is of 12-gauge carbon steel with all welded seams. The painted exterior coordinates with Reznor® oil-fired heaters.

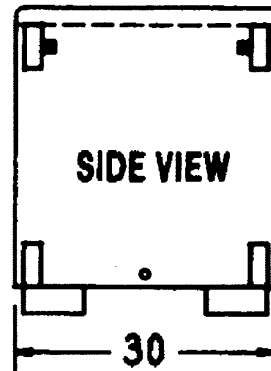
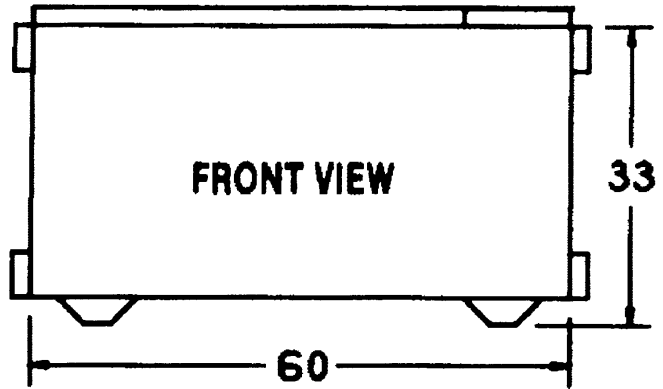
The Reznor® OT-250 fuel tank is also engineered to facilitate installation. The support legs provide convenient space for forklift handling. Each tank has the following connection ports -- 2" supply; 2" gauge; 2" vent; 4" emergency vent; and 1" drain. Each port has heavy duty forged threads.

Model OT-250 tank is UL listed to UL142 Standard.

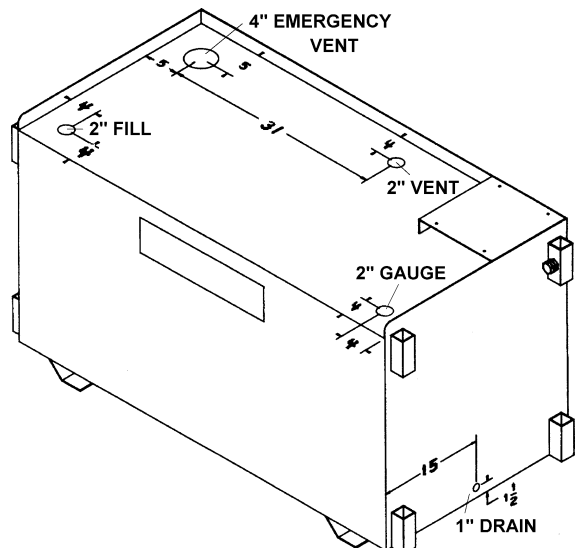
OPTIONS/ACCESSORIES - Field Installed

- Heater stand for Model OT tank used with Model OH heater only

DIMENSIONS - Model OT Fuel Tank



Port Locations



Model OH Oil Heater

Heater Stand (Option ST1)

Model OT-250 Oil Tank

