



## Externally Mounted Ventilators – Install Quick Specs VEN150E

### Installation Type & Discharge Direction

Mounted outside of house on exterior roof or wall.

### CFM Rating

1500 CFM

### Minimum Duct Size

10" round

### Maximum Equivalent Straight 10" Diameter Duct Length

50 feet

### Equivalent Straight Lengths

- 1 foot of 8" duct = 2 foot
- 1 foot of 10" duct = 1 foot
- 1 foot of 3 1/4" x 14" rectangular = 3 foot
- 8" round 90 degree Elbow = 10 feet
- 10" round 90 degree Elbow = 3 feet
- Wall or Roof Cap = 2 feet

### Standard Features

- Adaptable to all Wind Crest "X" series hoods
- Weather-resistant galvanized steel construction
- Thermally protected, permanently lubricated motor
- Dynamically balanced 12" diameter blower wheel
- Neoprene resilient anti-vibration mounted
- Built-in Flashing plate for roof or wall mount
- Easily removed blower cover for periodic cleaning

### Ventilator Motor Ratings\*

*Hoods without Heat Lamps:*

12.0 Amps @ 120 V AC, 60 Hz

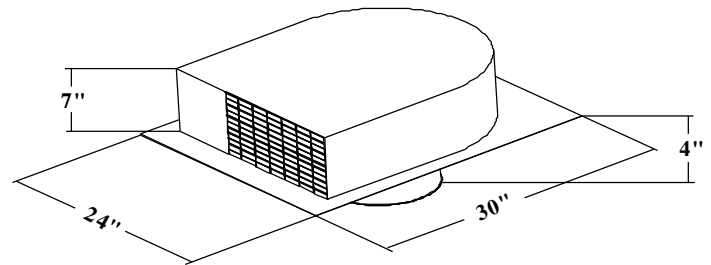
*Hoods with Heat Lamps:*

16.4 Amps @ 120 V AC, 60 Hz

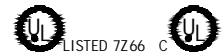
**\*20 Amps @ 120 V AC, 60 Hz required when using VEN150E ventilator.**

### Ventilator Carton Weight:

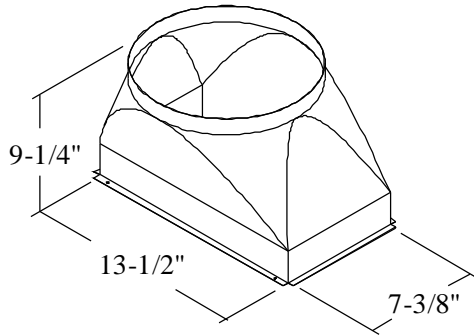
VEN150E = 80 lbs.



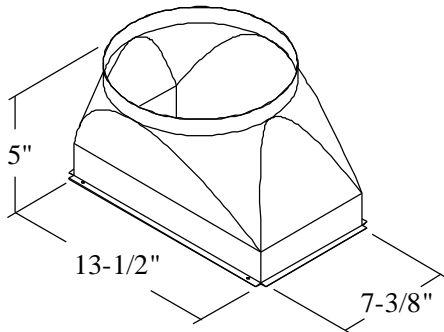
VEN150E



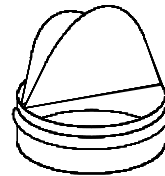
**Hood Transitions Available for the VEN150E – Install Quick Specs**



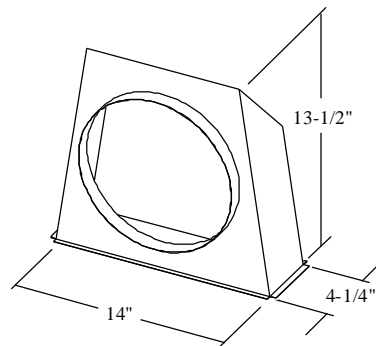
**#11257** = Rectangular to 10" Round use with VEN120I, VEN120L, VEN100E or VEN150E blowers. *Starting transition.*



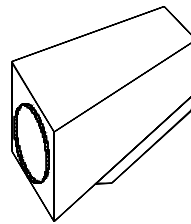
**#11254** = Rectangular to 10" Round for rear exhaust/thin walls



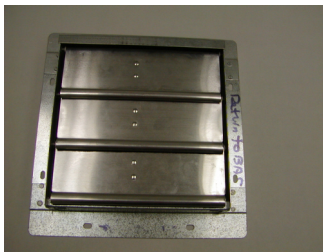
**#10289** = 10" Round Backdraft Damper



**#10377** = 10" Round Rear Discharge



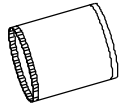
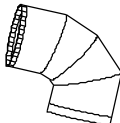
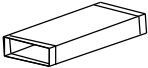
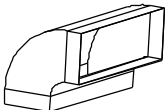
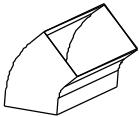
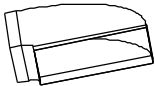
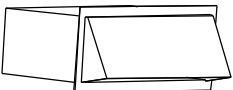
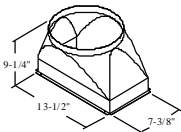
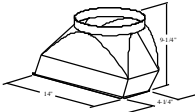
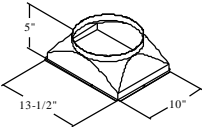
11 1/2" h x 16" w x 4 1/2" d



**#11259** = 13" x 13" x 2 1/4" deep Gravity Damper to 10" Round Collar with Bird Screen (Steel w/Aluminum Louvers) – *for wall exhaust*

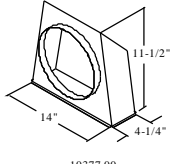
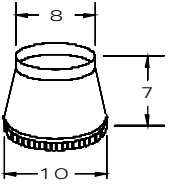
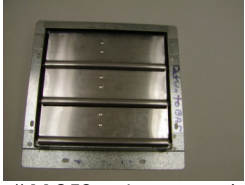

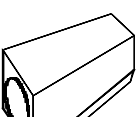
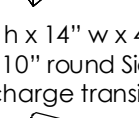



**#10566** = 10" Round Left Side Discharge (shown)  
**#10378** = 10" Round Right Side Discharge

## Wind Crest™ by CNP Industries, Inc. – Equivalent Duct Length Work Sheet

Transition	Size	Equivalent Length (EA)	Quantity Used	Sub-total Equivalent Length
 Round Duct	10" round	1 FT per foot		
	8" round	1 FT per foot		
	6" round	1 FT per foot		
 90° Elbow	10" round	3 feet		
	8" round	5 feet		
	6" round	5 feet		
 Rectangular Duct	3 1/4" x 10" rect	2 FT per foot		
	4 1/4" x 14" rect	2 FT per foot		
 90° Rectangular Elbow	3 1/4" x 10" rect	8 feet		
	4 1/4" x 14" rect	5 feet		
 45° Rectangular Elbow	3 1/4" x 10" rect	3 feet		
	4 1/4" x 14" rect	2 feet		
 Curved Flat Elbow	3 1/4" x 10" rect	10 feet		
	4 1/4" x 14" rect	8 feet		
 Rectangular Wall Cap	3 1/4" x 10" rect	15 feet		
	4 1/4" x 14" rect	10 feet		
 # 11257 – Starting Trans.	13 1/2" w x 7 3/8" d x 9 1/4" h rectangular to 10" round	0 feet*		
 # 10100 – Starting Trans.	14" w x 4 1/4" d x 9 1/4" h rectangular to 8" round	0 feet*		
 # 11254 – Starting Trans	13 1/2" w x 10" dx <b>5" h</b> rectangular to 10" round – <i>Thin wall rear exhaust</i>	5 feet		

\*Both #11257 & 10100 starting transitions are factored into the zero static CFM calculation for Wind Crest hoods.

## Wind Crest™ by CNP Industries, Inc. – Equivalent Duct Length Work Sheet

Transition	Size	Equivalent Length (EA)	Quantity Used	Sub-total Equivalent Length
 <p style="text-align: center; font-size: small;">10377.00</p> <p>#10377 – rear exhaust transition</p>	14" w x 4 1/4" d x 11 1/2" h rectangular to 10" round – rear exhaust off top of hood	5 feet		
 <p>#10173 – Adapter</p>	10" round to 8" round	10 feet		
 <p>#11259 – Louvered Gravity Damper</p>	13" x 13" x 2 1/2" deep Louvered Gravity Damper to 10" Rd Collar. Steel w/Aluminum louvers & bird screen (2 pieces)	10 feet		
 <p>Backdraft Damper</p>	#10288 8" round	5 feet		
 <p>Backdraft Damper</p>	#10289 10" round	5 feet		
 <p>11 1/2" h x 14" w x 4 1/4" d to 10" round Side Discharge transition</p>	#10566 – left discharge	10 feet		
 <p>#10378 – right discharge</p>	10" round	10 feet		
 <p>Round Wall Cap with Damper</p>	8" round	3 feet		
 <p>Round Roof Cap</p>	10" round	5 feet		
	8" round	10 feet		
	8" round	15 feet		
			Sub-total page 1:	
			Sub-total page 2:	
			Total Equivalent Duct work:	

**Maximum Duct Length:** For satisfactory air movement, the total duct length should not exceed **50** equivalent feet. NOTE: Do not use smaller duct than specified in the installation instructions. See [www.windcrestcnp.com](http://www.windcrestcnp.com)  
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