

Concentric Vent

Product

Concentric Vent

Purpose

The Concentric Vent allows both the intake for combustion air and the exhaust vent to pass through a standard roof or sidewall. This is an alternative to the standard two pipe intake/vent shown in the basic Category IV appliance installation instructions.

Features

Three Concentric Vent products are available: CVENT-2 is for use with 2" intake/vent systems, CVENT-3 is for use with 3" intake/vent systems and CVENT-4 is for use with 4" intake/vent systems. Refer to the Category IV appliance installation instructions for intake/vent pipe sizing information.

NOTE: The Concentric Vent reduces the allowable intake/vent piping length by 5 feet from that listed in the basic Category IV appliance installation instructions.

WARNING

Do not use the Concentric Vent kit for anything other than a Category IV heating appliance. Failure to follow this warning could result in fire, personal injury or death.

WARNING

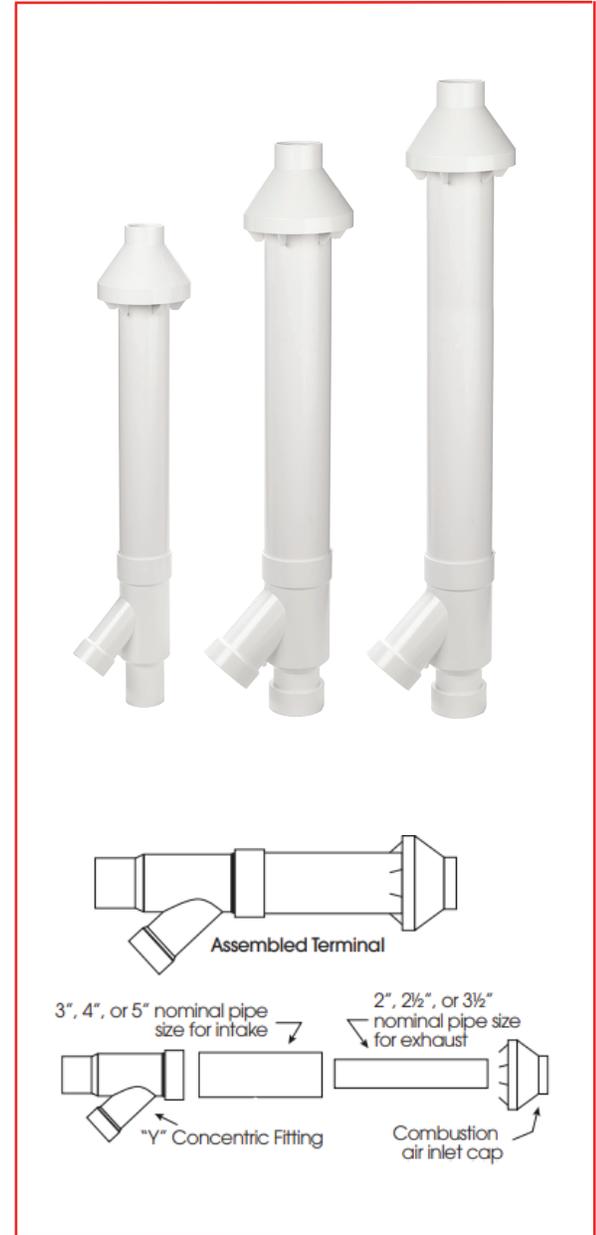
Do not operate the furnace until the installation and assembly of the Concentric Vent and all piping are completed. Failure to follow this warning could result in product damage or improper operation, personal injury or death.

General Specifications

Each concentric vent kit contains the following items:

- (1) Combustion Air Inlet Cap
- (1) Air Inlet Pipe
- (1) Vent Pipe
- (1) Intake/Vent Concentric "Y"
- (1) Installation Instructions on box

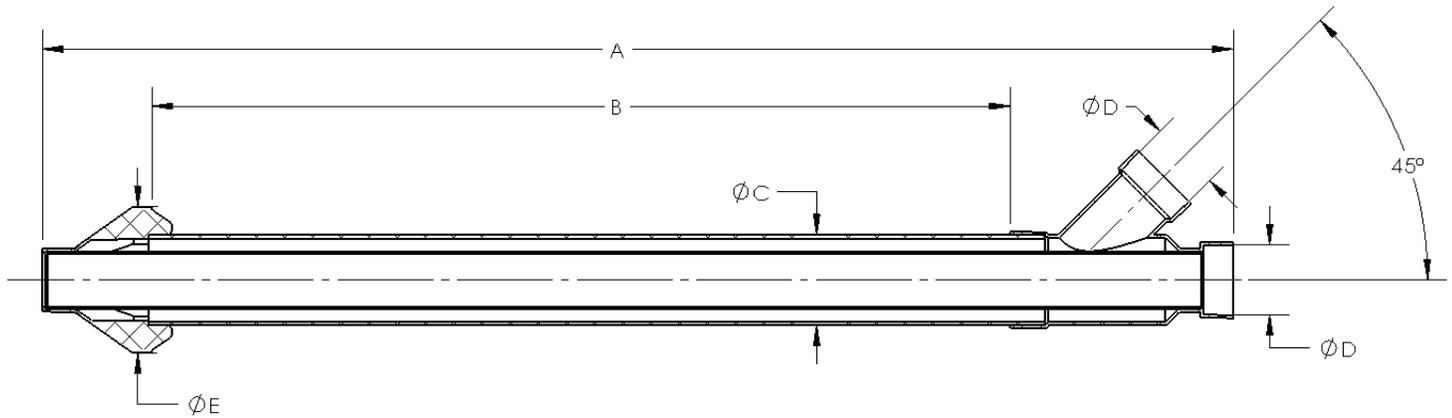
Pipe and fittings are required to complete installation (user supplied). The combustion air and vent pipe fittings must conform ANSI and ASTM standards D1785, F891, D2665, D2241, D2661, or F628. Pipe cement and primer must conform to ASTM standards D2564 or D2235. In Canada, construct all combustion air and vent pipes for this unit of CSA or ULC certified Schedule 40 PVC, PVC-DWV, or ABS-DWV pipe and pipe cement.



General Characteristics

Model	INTAKE/VENT NOM. PIPE SIZE	OVERALL ASSEM'D LENGTH 1	INTAKE PIPE OUTSIDE DIAMETER	AIR INLET PIPE LENGTH 2
CVENT-2	2"	34 3/4"	3 1/2"	19 1/2"
CVENT-3	3"	39 1/8"	4 1/2"	24"
CVENT-4	4"	57 1/4"	5 9/16"	41"

Concentric Vent Diagram



DT Item #	Material	Dimension (Inches)				
		A	B	C	Nominal Pipe Size	
					D	E
CVENT-2	SDR-26-PVC	34.8	18	3.5	2.0	6.4
CVENT-2-EXT	SDR-26-PVC	60	44	3.5	2.0	6.4
CVENT-3	SDR-26-PVC	39.1	22	4.5	3.0	7.3
CVENT-3-EXT	SDR-26-PVC	60	43	4.5	3.0	7.3
CVENT-4	SDR-26-PVC	57.3	39	5.6	4.0	8.1