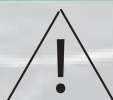


# N-Vent Installation & Maintenance Instructions



**warning**

Failure to follow the installation instructions could cause RISK OF BREAKAGE, RISK OF FIRE, RISK OF CARBON MONOXIDE POISONING, or DEATH.



**caution**

This is a special stainless steel vent system for gas-fired appliances listed as Category II, III, and IV or in Canada, Type BH Venting systems as noted in ULC-636, and this is for use only with special appliances.

Failure to follow the installation instructions could cause not only decreased performance of the appliance but also property damage and, or personal injury.

Always wear gloves and appropriate eye, foot, and other protection when handling these products.

Different manufacturers have different joint systems and adhesives. Do not mix pipe, fittings, or joining methods from different manufacturers.

Examine all components for possible shipping damage prior to installation.

Proper joint assembly is essential for a safe installation. Follow these instructions exactly as written. Check quality of joints upon completion of assembly.

The venting system must be free to expand and contract and must be supported in accordance with these instructions.

Check for unrestricted vent movement through walls, ceilings, and roof penetrations.



**Important  
notice**

All warranties stated or implied are void if this product and the appliances to which it is connected are not installed in accordance with their respective instructions and all national and local code requirements.

The warranty for this product is void if components other than those supplied as listed components by Noritz America and N-Vent are used.

After installation, check the entire system to make sure that all joints are secure and sealed correctly.



Thank you for purchasing N-Vent Category III, Stainless Steel Vent Pipe. Before using, please read this manual completely for correct installation and operation instructions. Keep this manual where it can be found whenever necessary.

Noritz America Corporation  
25172 Arctic Ocean Drive, Suite 102  
Lake Forest, CA 92630  
1-866-766-7489 (1-866-7NORITZ)  
[www.noritz.com](http://www.noritz.com)

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# General Precautions



- This installation manual is for the N-Vent system of vent pipe for tankless gas water heaters supplied by Noritz America Corporation. Refer to the appliance manufacturer's instruction for its installation.
- The vent system must be installed by an experienced professional familiar with the operation and maintenance of heating appliances & venting systems. These instructions are a guide to assist a professional installer.
- Before commencing installation, please read all installation instructions.
- The maximum flue gas temperature is 480 degrees F (249 degrees C), and the maximum positive pressure is 15" water column (100 Pa) for the vent system.
- Refer to the appliance manufacturer's instructions to determine requirements & limitations for the venting system with respect to installation and use, such as maximum horizontal length from the appliance, maximum height or the required installation clearances.
- Contact local building or fire officials about restrictions and installation inspections in your area.

## General Installation Requirements

- Proper operation of the venting system and appliance is dependent on the use of all parts specified by the manufacturer for use in the particular installation. Proper performance of the system may be affected if the proper assembly of all required parts is not accomplished.
- Except for installation in one and two family dwellings, a venting system that extends through any zone above that on which the connected appliance is located shall be provided with an enclosure having a fire resistance rating equal to or greater than that of the floor or roof assemblies through which it passes.
- The venting system shall not be routed into, through, or within any other vent, such as an existing masonry or factory-built chimney flue.
- Do not install insulation within any required clearance space around this venting system.
- Exterior mounted venting systems must be enclosed below the roof line to limit condensation and protect against mechanical damage.
- Any horizontally installed portion of a venting system shall have a slope (downwards for category III appliances) no less than 1/4" per foot to prevent collection of condensate at any location in the assembly.
- Due to ice build-up and blockage, it is required that the proper sloping be employed when the vent is installed in a horizontal installation. Refer to the appliance manufacturer's installation instructions for further details regarding the installation of condensate drain fittings.
- The horizontal & vertical vent length and the number of elbows from the appliance flue collar to the outside termination shall not be greater than which is specified in the appliance manufacturer's installation instructions.
- If the instructions of the appliance manufacturer or local regulations call for a condensate drain, locate the drain tee as close as possible to the appliance exhaust outlet. Follow the appliance manufacturer's instructions, or all local and national building codes for draining condensate. Do not use copper as a drain as it may corrode.

# Selecting an Installation Site

- A venting system that exits the structure through a sidewall shall terminate no less than 12 inches above ground.
- A termination of the venting system shall be located above the snow line in geographical areas where snow may accumulate.
- The termination of the venting system shall not be located in traffic areas such as walkways, unless the venting termination is at least 7 feet above the ground.

# Clearances

- Maintain clearances to combustible materials as follows in Table 1:

CLEARANCE TO COMBUSTIBLES					
Max. Flue Gas Temperature		Unenclosed		Enclosed	
		Horizontal	Vertical	Horizontal	Vertical
4"	480° F	3"	3"	Top: 15"/381mm	4"
	249° C	76.2mm	76.2mm	Sides: 10"/254mm	101.6 mm
5"	480° F	3"	3"	Bottom: 6"/152.4mm	6"
	249° C	76.2mm	76.2mm		152.4 mm

Table 1.

- Terminate the system 6 feet from the combustion intake of any appliance.
- Terminate the system at least 3 feet from any other building opening, utility meter, service regulator or the like.

# Joint Structure (Patent Pending)

- The female end of each N-Vent component incorporates a sealing O-ring and a mechanical locking joint. Examine the O-ring prior to installation.
- The joint is composed of a Push Lever, Pin, Plate Spring, and a Joint Stopper as shown in Figure 3-1.

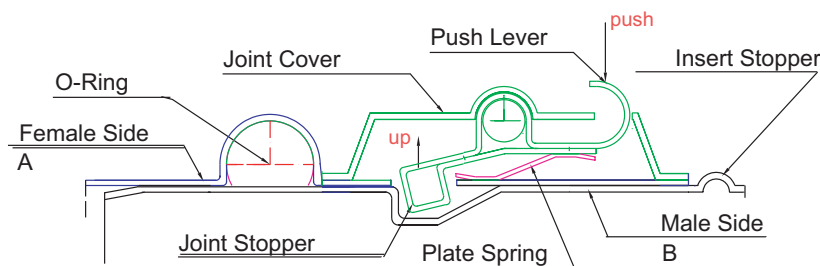


Figure 1.

# Joint Connection & Disconnection

- All vent lengths, elbows, rain caps, storm collar pipes, drain tees, and termination pieces are connected and detached by the following method.

## **Connection, Figure 2.**

1. Distinguish between female and male end of the vent piece. The female end has the O-ring and N-Vent joint.
2. Insert the male end fully into the female end until it is seated against the insert stopper on the female section.

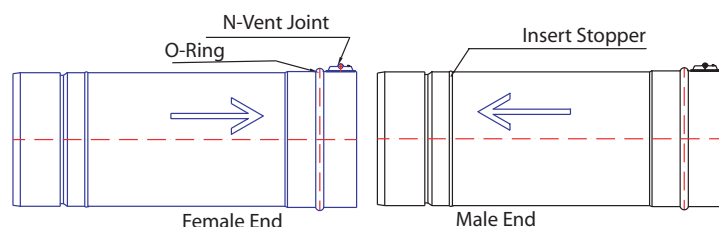


Figure 2.

## **Disconnection, Figure 3.**

3. Push the male end fully into the female end. Then pull out on the male end while holding the Push Lever.

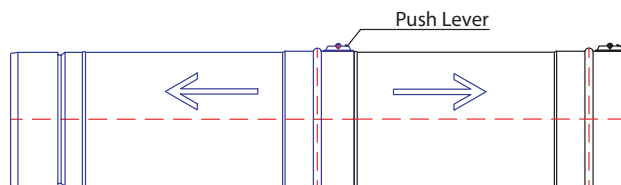


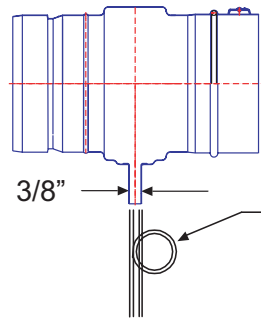
Figure 3.

# Appliance Connection

- Connect the N-Vent to the appliance flue collar as directed by the appliance manufacturer's instructions.

# Condensate Removal

- If appliance manufacturer's instructions or local regulations call for a condensate drain, use an N-Vent Drain Tee and 3/8" (OD) plastic tube of appropriate length to drain the condensate from the system.



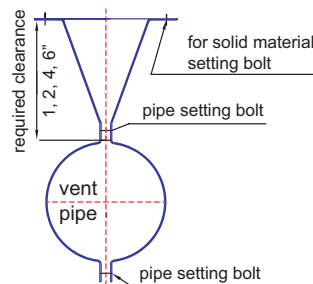
Dispose of condensate according to local building codes.

Be sure to include trap in drain line.

- Follow all local and national codes for draining acidic condensate. Do not use copper as it may corrode.

# Support Straps

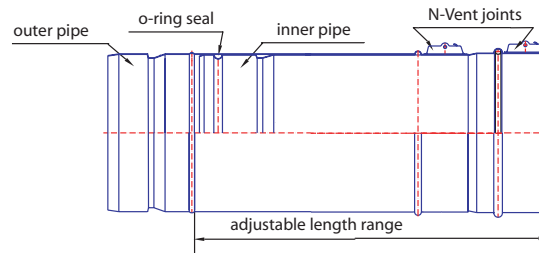
- Supports must be installed at intervals of no more than 6 feet.



- Vent pipe is inserted in the cylinder part of the support and lightly fixed with included screw. The supports must be secured to solid material using screws, then fasten the loose screw. Use supports that maintain proper clearances to combustible materials. Install according to required clearances, using one of four available Support Straps: 1, 2, 4, and 6" clearances.

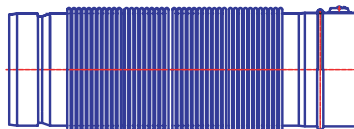
# Adjustable Vent Lengths

- Adjustable vent lengths are available for installations where fixed-length sections do not produce the desired dimensions.
- Adjustable lengths may also be used to compensate for linear thermal expansion between two fixed points.
- Adjustable pipe is available in the following lengths: 7-9.4", 9-13.4", and 13-21.4".

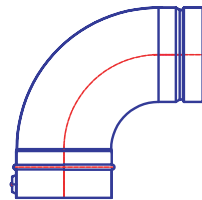


# Elbows & Flexible Vent Lengths

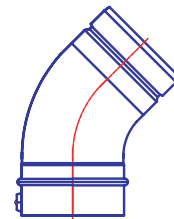
- 45 Degree Elbows, 90 Degree Elbows, and Flexible Vent Lengths are available for changing the direction of the vent system.



18" Flexible Vent Length



90 Degree Elbow



45 Degree Elbow

- The flexible section of vent can be manually adjusted to small angles. Do not bend repeatedly or to extreme angles. This may cause a gas leak.

# Horizontal Terminations

- The total horizontal vent length from the appliance flue collar to the outside termination shall not be greater than specified in the appliance manufacturer's instructions.
- A venting system that exits the structure through a sidewall shall terminate no less than 12" above the ground.
- A termination of the venting system shall be located above the snow line in geographical areas where snow accumulates.
- The termination of the venting system shall not be located in traffic areas such as public walkways, unless the venting system terminates at least 7 feet above the ground.
- Use steel hanger straps a minimum of every 6 feet to support the vent system from the ceiling joint or other solid structure.

## Horizontal Vent Termination Instructions

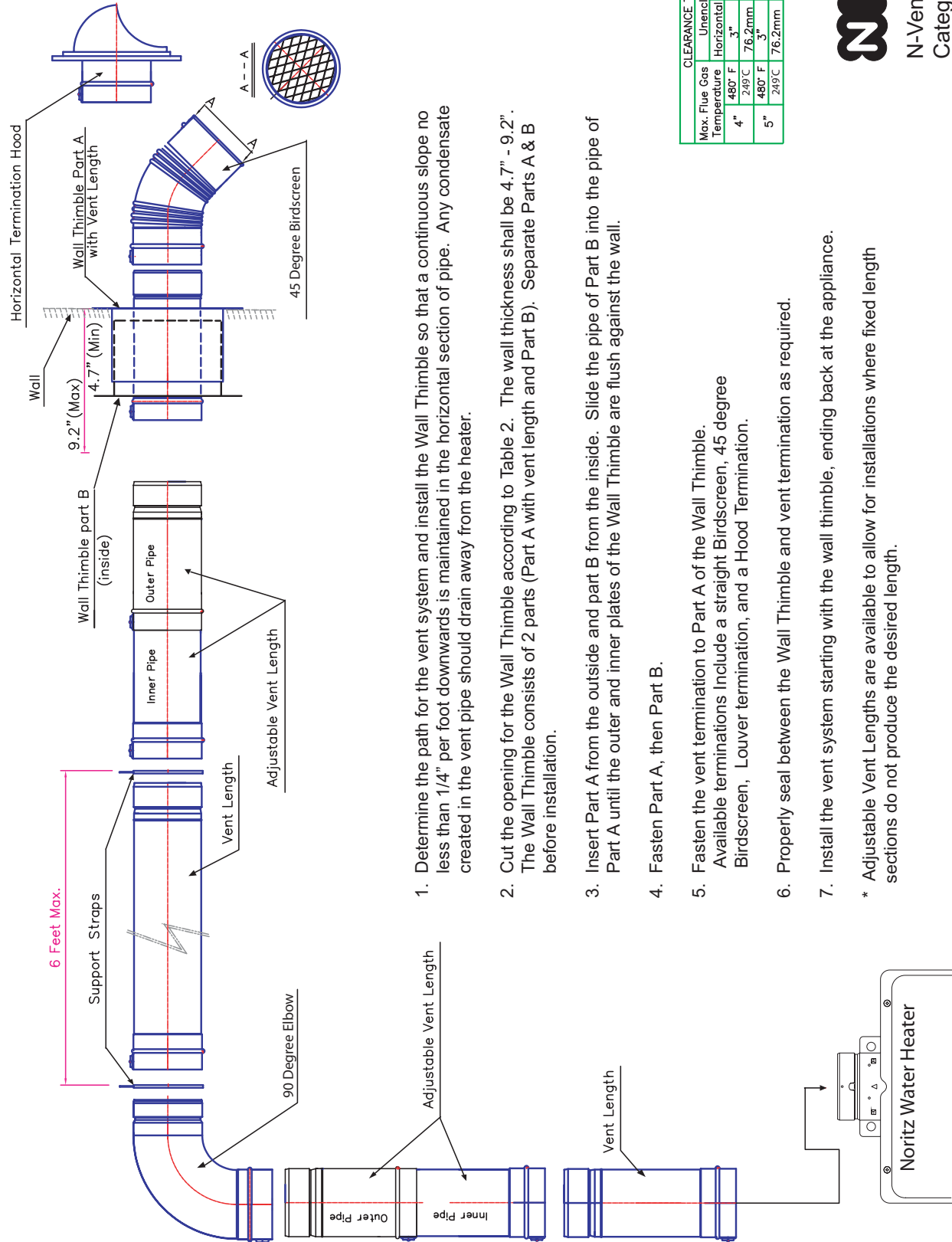


Table 2.

Vent Size	Wall Hole Diameter
4"	7"
5"	10.7"

Table 1.

CLEARANCE TO COMBUSTIBLES				
Max. Flue Gas Temperature	Unenclosed		Enclosed	
	Horizontal	Vertical	Horizontal	Vertical
4" 480° F 249°C	3"	3"	Top: 15"/381mm Sides: 10"/254mm	4" 101.6 mm
5" 480° F 249°C	76.2mm	76.2mm	Bottom: 6"/152.4mm	15.24mm



## N-Vent

Category III

### Stainless Steel Vent Pipe



# Vertical Vent Termination Instructions

- Determine the path for the vent system so that a continuous slope no less than 1/4" per foot (towards the drain tee) is maintained in the horizontal portion of the vent system.
- Cut openings in floors, ceiling, and roof to accommodate Firestops and Roof Jacks with the required clearances to combustibles.
- Fasten Firestops to the opening on floors, ceiling with screws. Fasten Roof Flashing to roof with screws.
- Install the Roof Jack/Storm Collar Pipe assembly into the Roof Flashing.
- Attach the Rain Cap. The distance between the Rain Cap and roof should be no more than 6 feet. Add the additional lengths between the Rain Cap and the Storm Collar Pipe as needed.
- Install the vent system from the Storm Collar Pipe to the appliance.
- Once the vent system reaches the floor or ceiling, slide the pipe through the Fire Stop. Then fasten the Support Clamp to the pipe with screws.

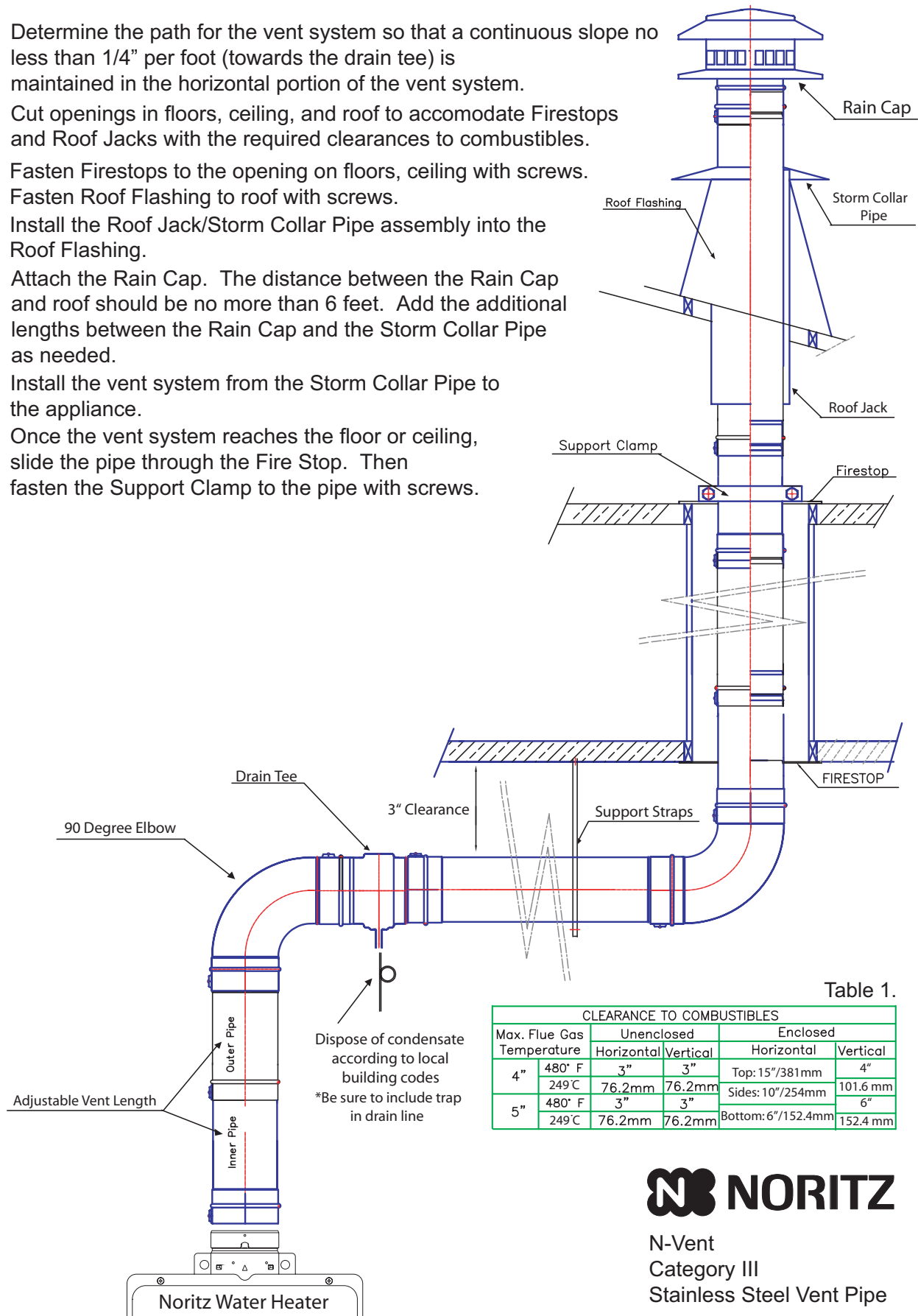


Table 1.

CLEARANCE TO COMBUSTIBLES					
Max. Flue Gas Temperature		Unenclosed		Enclosed	
		Horizontal	Vertical	Horizontal	Vertical
4"	480° F	3"	3"	Top: 15"/381mm	4"
	249°C	76.2mm	76.2mm	Sides: 10"/254mm	101.6 mm
5"	480° F	3"	3"	Bottom: 6"/152.4mm	6"
	249°C	76.2mm	76.2mm		152.4 mm



N-Vent  
Category III  
Stainless Steel Vent Pipe

**Table**

Max. Flue Gas Temperature	CLEARANCE TO COMBUSTIBLES		
	Unenclosed Horizontal	Unenclosed Vertical	Enclosed Vertical
480° F	3"	3"	4"
249° C	76.2mm	76.2mm	101.6mm
480° F	3"	3"	6"
249° C	76.2mm	76.2mm	152.4mm


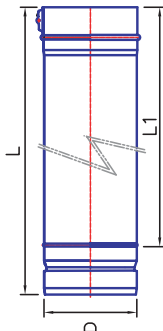
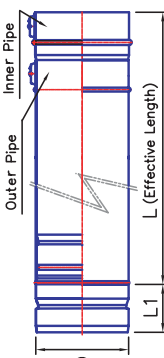

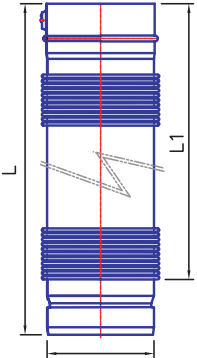

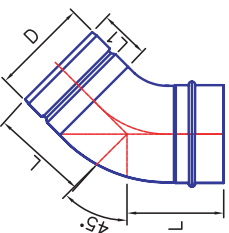
**\*\*Terminate the vent system:**  
 ~6 feet from the combustion air intake of any appliance.  
 ~at least 2 feet above the roofline and any vertical structure within 8 feet.  
 ~at least 3 feet from any other building opening, gas meter, service regulator, or the like.

CLEARANCE TO COMBUSTIBLES					
Max. Temperature °F	Gas Temp °F	Unenclosed		Enclosed	
		Horizontal	Vertical	Horizontal	Vertical
4"	249° F	3"	3"	Top: 15"/381mm	4"
	249° F	76.2mm	76.2mm	Sides: 10"/254mm	101.6mm
5"	480° F	3"	3"	Bottom: 6"/152.4mm	6"
	249° F	76.2mm	76.2mm		152.4mm


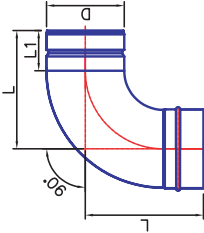

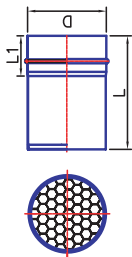

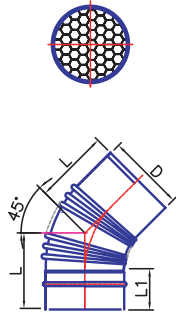
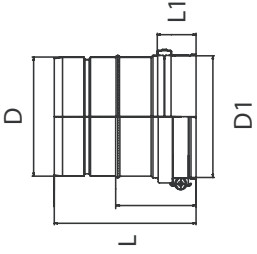
**NORITZ**  
N-Vent  
Category III  
Stainless Steel Vent Pipe

- ~at least 2 feet above the roofline and any vertical structure within 8 feet.
- ~at least 3 feet from any other building opening, gas meter, service regulator, or the like.


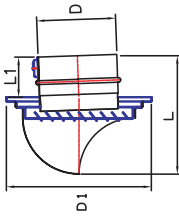

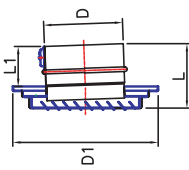

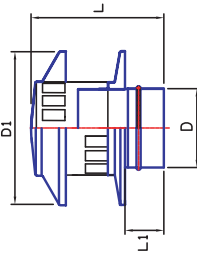

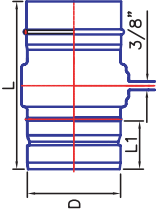
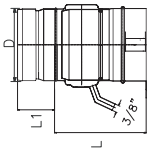
# N-Vent Pieces (1)

Category	Type	Photo	Description	Drawing	Dimensions (Inches)																											
Vent Pipe	Rigid		12" Straight 24" Straight 36" Straight		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>Part Number</th></tr><tr><td rowspan="3">4</td><td rowspan="3">4</td><td>11.8</td><td>13.86</td><td>VP4-12STR</td></tr><tr><td>23.6</td><td>25.67</td><td>VP4-24STR</td></tr><tr><td>35.5</td><td>37.48</td><td>VP4-36STR</td></tr><tr><td rowspan="3">5</td><td rowspan="3">5</td><td>11.8</td><td>14.49</td><td>VP5-12STR</td></tr><tr><td>23.6</td><td>26.3</td><td>VP5-24STR</td></tr><tr><td>35.5</td><td>38.1</td><td>VP5-36STR</td></tr></table>	SIZE	D	L1	L	Part Number	4	4	11.8	13.86	VP4-12STR	23.6	25.67	VP4-24STR	35.5	37.48	VP4-36STR	5	5	11.8	14.49	VP5-12STR	23.6	26.3	VP5-24STR	35.5	38.1	VP5-36STR
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Adjustable Vent Length (Telescoping)	Photo Currently Not Available	7"-9.4" Adjustable 9"-13.4" Adjustable 13"-21.4" Adjustable		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>Part Number</th></tr><tr><td rowspan="3">4</td><td rowspan="3">4</td><td rowspan="3">2.05</td><td>6.8 ~ 9.1</td><td>VP4- 9.4ADJ</td></tr><tr><td>9.5 ~ 14.65</td><td>VP4-13.4ADJ</td></tr><tr><td>15.4 ~ 26.5</td><td>VP4-21.4ADJ</td></tr><tr><td rowspan="3">5</td><td rowspan="3">5</td><td rowspan="3">2.68</td><td>6.8 ~ 9.1</td><td>VP5- 9.4ADJ</td></tr><tr><td>9.5 ~ 14.65</td><td>VP5-13.4ADJ</td></tr><tr><td>15.4 ~ 26.5</td><td>VP5-21.4ADJ</td></tr></table>	SIZE	D	L1	L	Part Number	4	4	2.05	6.8 ~ 9.1	VP4- 9.4ADJ	9.5 ~ 14.65	VP4-13.4ADJ	15.4 ~ 26.5	VP4-21.4ADJ	5	5	2.68	6.8 ~ 9.1	VP5- 9.4ADJ	9.5 ~ 14.65	VP5-13.4ADJ	15.4 ~ 26.5	VP5-21.4ADJ					
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Flexible		18" Flexible		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>17.7</td><td>19.76</td><td>VP4-18FLEX</td></tr><tr><td>5</td><td>5</td><td>17.7</td><td>20.4</td><td>VP5-18FLEX</td></tr></table>	SIZE	D	L1	L	Part Number	4	4	17.7	19.76	VP4-18FLEX	5	5	17.7	20.4	VP5-18FLEX													
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Elbow		45 Degree		<table><tr><th>SIZE</th><th>D</th><th>L</th><th>L1</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>4</td><td>2.05</td><td>VP4-45EL</td></tr><tr><td>5</td><td>5</td><td>5.36</td><td>2.68</td><td>VP5-45EL</td></tr></table>	SIZE	D	L	L1	Part Number	4	4	4	2.05	VP4-45EL	5	5	5.36	2.68	VP5-45EL													
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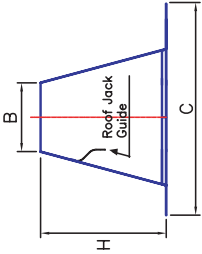

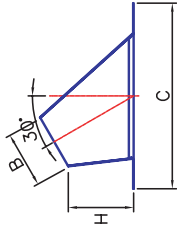

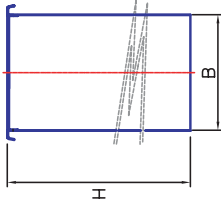

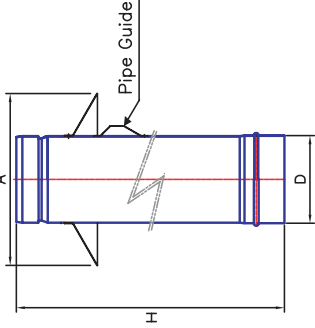
## N-Vent Pieces (2)

Category	Type	Photo	Description	Drawing	Dimensions (Inches)															
Vent Pipe	Elbow		90 Degree		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>2.05</td><td>6.15</td><td>VP4-90EL</td></tr><tr><td>5</td><td>5</td><td>2.68</td><td>7.9</td><td>VP5-90EL</td></tr></table>	SIZE	D	L1	L	Part Number	4	4	2.05	6.15	VP4-90EL	5	5	2.68	7.9	VP5-90EL
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4	4	2.05	6.15	VP4-90EL																
5	5	2.68	7.9	VP5-90EL																
Vent Termination	Horizontal		Straight Birdscreen		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>2.05</td><td>6.15</td><td>VT4-S</td></tr><tr><td>5</td><td>5</td><td>2.68</td><td>7.9</td><td>VT5-S</td></tr></table>	SIZE	D	L1	L	Part Number	4	4	2.05	6.15	VT4-S	5	5	2.68	7.9	VT5-S
		SIZE	D	L1	L	Part Number														
4	4	2.05	6.15	VT4-S																
5	5	2.68	7.9	VT5-S																
			45 Degree Birdscreen		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>2.05</td><td>4</td><td>VT4-45</td></tr><tr><td>5</td><td>5</td><td>2.68</td><td>5.36</td><td>VT5-45</td></tr></table>	SIZE	D	L1	L	Part Number	4	4	2.05	4	VT4-45	5	5	2.68	5.36	VT5-45
SIZE	D	L1	L	Part Number																
4	4	2.05	4	VT4-45																
5	5	2.68	5.36	VT5-45																
Vent Pipe	Adapter	Photo Currently Not Available	Appliance Adapter for other Tankless Heaters to use N-Vent		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>D1</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>1.17</td><td>4.92</td><td>4.03</td><td>VP4-ADAPT-1</td></tr></table>	SIZE	D	L1	L	D1	Part Number	4	4	1.17	4.92	4.03	VP4-ADAPT-1			
SIZE	D	L1	L	D1	Part Number															
4	4	1.17	4.92	4.03	VP4-ADAPT-1															


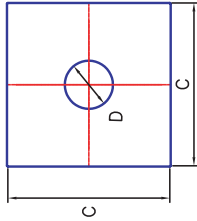

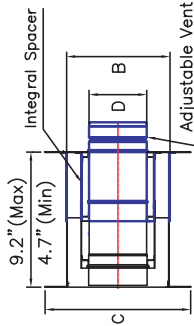

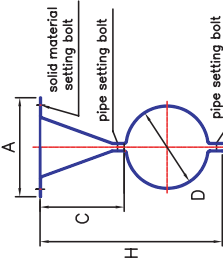
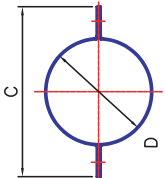
## N-Vent Pieces (3)

Category	Type	Photo	Description	Drawing	Dimensions (Inches)																		
Vent Termination	Horizontal		Hood		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>D1</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>2.13</td><td>6.06</td><td>7.4</td><td>VT4-SH</td></tr><tr><td>5</td><td>5</td><td>2.76</td><td>6.62</td><td>7.4</td><td>VT5-SH</td></tr></table>	SIZE	D	L1	L	D1	Part Number	4	4	2.13	6.06	7.4	VT4-SH	5	5	2.76	6.62	7.4	VT5-SH
		SIZE	D	L1	L	D1	Part Number																
	4	4	2.13	6.06	7.4	VT4-SH																	
	5	5	2.76	6.62	7.4	VT5-SH																	
	Louver		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>D1</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>2.13</td><td>3.15</td><td>7.4</td><td>VT4-SL</td></tr><tr><td>5</td><td>5</td><td>2.76</td><td>3.7</td><td>7.4</td><td>VT5-SL</td></tr></table>	SIZE	D	L1	L	D1	Part Number	4	4	2.13	3.15	7.4	VT4-SL	5	5	2.76	3.7	7.4	VT5-SL		
SIZE	D	L1	L	D1	Part Number																		
4	4	2.13	3.15	7.4	VT4-SL																		
5	5	2.76	3.7	7.4	VT5-SL																		
Condensation Drain	Vertical		Rain Cap		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>D1</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>2</td><td>6.6</td><td>7.8</td><td>RC 4</td></tr><tr><td>5</td><td>5</td><td>2</td><td>7.2</td><td>11</td><td>RC 5</td></tr></table>	SIZE	D	L1	L	D1	Part Number	4	4	2	6.6	7.8	RC 4	5	5	2	7.2	11	RC 5
	SIZE	D	L1	L	D1	Part Number																	
4	4	2	6.6	7.8	RC 4																		
5	5	2	7.2	11	RC 5																		
Condensation Drain	Horizontal		Horizontal Drain Tee		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>D1</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>7.2</td><td>2.05</td><td></td><td>DT4</td></tr><tr><td>5</td><td>5</td><td>8</td><td>2.7</td><td></td><td>DT5</td></tr></table>	SIZE	D	L1	L	D1	Part Number	4	4	7.2	2.05		DT4	5	5	8	2.7		DT5
	SIZE	D	L1	L	D1	Part Number																	
4	4	7.2	2.05		DT4																		
5	5	8	2.7		DT5																		
Condensation Drain	Vertical	Photo Currently Not Available	Vertical Drain Tee		<table><tr><th>SIZE</th><th>D</th><th>L1</th><th>L</th><th>D1</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>2.05</td><td>5.12</td><td></td><td>DT4-V</td></tr><tr><td>5</td><td>5</td><td>2.68</td><td>6.22</td><td></td><td>DT5-V</td></tr></table>	SIZE	D	L1	L	D1	Part Number	4	4	2.05	5.12		DT4-V	5	5	2.68	6.22		DT5-V
	SIZE	D	L1	L	D1	Part Number																	
4	4	2.05	5.12		DT4-V																		
5	5	2.68	6.22		DT5-V																		


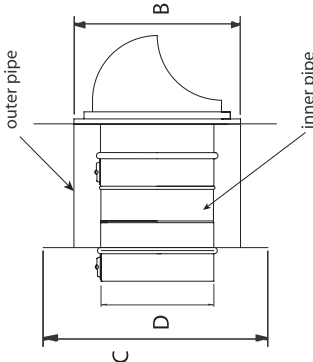

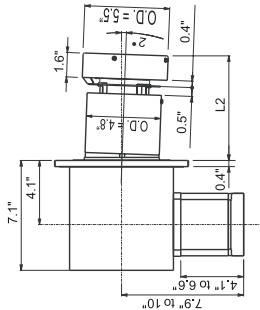

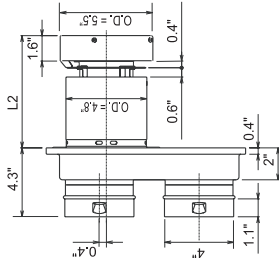
## N-Vent Pieces (4)

Category	Type	Photo	Description	Drawing	Dimensions (Inches)															
Roof Piece	Vertical	Photo Currently Not Available	Flat Roof Flashing		<table><tr><th>SIZE</th><th>B</th><th>H</th><th>C</th><th>Part Number</th></tr><tr><td>4</td><td>5.3</td><td>11.5</td><td>17</td><td>FRF4</td></tr><tr><td>5</td><td>6.3</td><td>11.5</td><td>18</td><td>FRF5</td></tr></table>	SIZE	B	H	C	Part Number	4	5.3	11.5	17	FRF4	5	6.3	11.5	18	FRF5
		SIZE	B	H	C	Part Number														
		4	5.3	11.5	17	FRF4														
		5	6.3	11.5	18	FRF5														
	Angled Roof Flashing		<table><tr><th>SIZE</th><th>B</th><th>H</th><th>C</th><th>Part Number</th></tr><tr><td>4</td><td>6.0</td><td>6.0</td><td>17</td><td>ARF4</td></tr><tr><td>5</td><td>7.0</td><td>6.0</td><td>18</td><td>ARF5</td></tr></table>	SIZE	B	H	C	Part Number	4	6.0	6.0	17	ARF4	5	7.0	6.0	18	ARF5		
SIZE	B	H	C	Part Number																
4	6.0	6.0	17	ARF4																
5	7.0	6.0	18	ARF5																
	Roof Jack		<table><tr><th>SIZE</th><th>B</th><th>H</th><th>Part Number</th></tr><tr><td>4</td><td>5.0</td><td>18</td><td>RJ4</td></tr><tr><td>5</td><td>6.0</td><td>18</td><td>RJ5</td></tr></table>	SIZE	B	H	Part Number	4	5.0	18	RJ4	5	6.0	18	RJ5					
SIZE	B	H	Part Number																	
4	5.0	18	RJ4																	
5	6.0	18	RJ5																	
			Storm Collar Pipe		<table><tr><th>SIZE</th><th>D</th><th>A</th><th>H</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>7.8</td><td>23.6</td><td>SCP4</td></tr><tr><td>5</td><td>5</td><td>8.9</td><td>25.2</td><td>SCP5</td></tr></table>	SIZE	D	A	H	Part Number	4	4	7.8	23.6	SCP4	5	5	8.9	25.2	SCP5
SIZE	D	A	H	Part Number																
4	4	7.8	23.6	SCP4																
5	5	8.9	25.2	SCP5																

## N-Vent Pieces (5)

Category	Type	Photo	Description	Drawing	Dimensions (Inches)																																							
Fire Stop	Vertical		Fire Stop		<table><tr><th>SIZE</th><th>D</th><th>C</th><th>Part Number</th></tr><tr><td>4</td><td>4.4</td><td>15</td><td>FS4</td></tr><tr><td>5</td><td>5.4</td><td>17</td><td>FS5</td></tr></table>	SIZE	D	C	Part Number	4	4.4	15	FS4	5	5.4	17	FS5																											
SIZE	D	C	Part Number																																									
4	4.4	15	FS4																																									
5	5.4	17	FS5																																									
Wall Penetration	Horizontal		Wall Thimble		<table><tr><th>SIZE</th><th>D</th><th>B</th><th>C</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>7</td><td>10</td><td>WT4</td></tr><tr><td>5</td><td>5</td><td>10.7</td><td>12.2</td><td>WT5</td></tr></table>	SIZE	D	B	C	Part Number	4	4	7	10	WT4	5	5	10.7	12.2	WT5																								
SIZE	D	B	C	Part Number																																								
4	4	7	10	WT4																																								
5	5	10.7	12.2	WT5																																								
Support	Strap		1" Clearance		<table><tr><th>SIZE</th><th>D</th><th>A</th><th>H</th><th>C</th><th>Part Number</th></tr><tr><td rowspan="4">4</td><td rowspan="4">4</td><td rowspan="4">4.73</td><td>5.7</td><td>1"</td><td>SS4-1</td></tr><tr><td>6.6</td><td>2"</td><td>SS4-2</td></tr><tr><td>8.7</td><td>4"</td><td>SS4-4</td></tr><tr><td>10.7</td><td>6"</td><td>SS4-6</td></tr><tr><td rowspan="3">5</td><td rowspan="3">5</td><td rowspan="3">6</td><td>6.8</td><td>1"</td><td>SS5-1</td></tr><tr><td>7.8</td><td>2"</td><td>SS5-2</td></tr><tr><td>9.8</td><td>4"</td><td>SS5-4</td></tr><tr><td></td><td></td><td></td><td>11.8</td><td>6"</td><td>SS5-6</td></tr></table>	SIZE	D	A	H	C	Part Number	4	4	4.73	5.7	1"	SS4-1	6.6	2"	SS4-2	8.7	4"	SS4-4	10.7	6"	SS4-6	5	5	6	6.8	1"	SS5-1	7.8	2"	SS5-2	9.8	4"	SS5-4				11.8	6"	SS5-6
			SIZE		D	A	H	C	Part Number																																			
			4		4	4.73	5.7	1"	SS4-1																																			
							6.6	2"	SS4-2																																			
							8.7	4"	SS4-4																																			
10.7	6"	SS4-6																																										
5	5	6	6.8	1"	SS5-1																																							
			7.8	2"	SS5-2																																							
			9.8	4"	SS5-4																																							
			11.8	6"	SS5-6																																							
2" Clearance																																												
4" Clearance																																												
6" Clearance																																												
Support	Clamp	Photo Currently Not Available	Support Clamp		<table><tr><th>SIZE</th><th>D</th><th>C</th><th>Part Number</th></tr><tr><td>4</td><td>4</td><td>6</td><td>SC4</td></tr><tr><td>5</td><td>5</td><td>7</td><td>SC5</td></tr></table>	SIZE	D	C	Part Number	4	4	6	SC4	5	5	7	SC5																											
	SIZE	D	C	Part Number																																								
4	4	6	SC4																																									
5	5	7	SC5																																									

## N-Vent Specialty Pieces (6)

Category	Photo	Description	Drawing	Dimensions (Inches)																																		
Wall Penetration		Wall Thimble w/Built-in Hood Termination		<table><tr><th>SIZE</th><th>D</th><th>B</th><th>C</th><th>Wall Thickness</th><th>Part Number</th></tr><tr><td rowspan="5">4</td><td rowspan="5">4</td><td rowspan="5">7.1</td><td rowspan="5">10</td><td>5-6"</td><td>WT4-H-5</td></tr><tr><td>6-7"</td><td>WT4-H-6</td></tr><tr><td>7-8"</td><td>WT4-H-7</td></tr><tr><td>8-10.3"</td><td>WT4-H-10</td></tr><tr><td>10.5-14.5"</td><td>WT4-H-14</td></tr><tr><td rowspan="5">5</td><td rowspan="5">5</td><td rowspan="5">10.7</td><td rowspan="5">12.2</td><td>5-6"</td><td>WT5-H-5</td></tr><tr><td>6-7"</td><td>WT5-H-6</td></tr><tr><td>7-8"</td><td>WT5-H-7</td></tr><tr><td>8-10.3"</td><td>WT5-H-10</td></tr><tr><td>10.5-14.5"</td><td>WT5-H-14</td></tr></table>	SIZE	D	B	C	Wall Thickness	Part Number	4	4	7.1	10	5-6"	WT4-H-5	6-7"	WT4-H-6	7-8"	WT4-H-7	8-10.3"	WT4-H-10	10.5-14.5"	WT4-H-14	5	5	10.7	12.2	5-6"	WT5-H-5	6-7"	WT5-H-6	7-8"	WT5-H-7	8-10.3"	WT5-H-10	10.5-14.5"	WT5-H-14
SIZE	D	B	C	Wall Thickness	Part Number																																	
4	4	7.1	10	5-6"	WT4-H-5																																	
				6-7"	WT4-H-6																																	
				7-8"	WT4-H-7																																	
				8-10.3"	WT4-H-10																																	
				10.5-14.5"	WT4-H-14																																	
5	5	10.7	12.2	5-6"	WT5-H-5																																	
				6-7"	WT5-H-6																																	
				7-8"	WT5-H-7																																	
				8-10.3"	WT5-H-10																																	
				10.5-14.5"	WT5-H-14																																	
Sealed Combustion Unit Terminations		"Short" Vent Termination to be mounted directly on top of -DV unit on an outside wall (not to be confused with outdoor installation)		<table><tr><th>Sleeve</th><th>L2</th><th>Wall Thickness</th><th>Part Number</th></tr><tr><td>3.5-5"</td><td>7-8.5"</td><td>3.5-5.1"</td><td>VT4-TS-5</td></tr><tr><td>5-8"</td><td>8.5-12"</td><td>5.1-8.3"</td><td>VT4-TS-8</td></tr><tr><td>8-15"</td><td>12-18"</td><td>8.3-14.6"</td><td>VT4-TS-14</td></tr><tr><td>15-27"</td><td>18-30.5"</td><td>14.6-27.2"</td><td>VT4-TS-27</td></tr></table>	Sleeve	L2	Wall Thickness	Part Number	3.5-5"	7-8.5"	3.5-5.1"	VT4-TS-5	5-8"	8.5-12"	5.1-8.3"	VT4-TS-8	8-15"	12-18"	8.3-14.6"	VT4-TS-14	15-27"	18-30.5"	14.6-27.2"	VT4-TS-27														
	Sleeve	L2	Wall Thickness	Part Number																																		
	3.5-5"	7-8.5"	3.5-5.1"	VT4-TS-5																																		
5-8"	8.5-12"	5.1-8.3"	VT4-TS-8																																			
8-15"	12-18"	8.3-14.6"	VT4-TS-14																																			
15-27"	18-30.5"	14.6-27.2"	VT4-TS-27																																			
		"Long" Vent Termination for use with -DV heaters mounted on an inside wall or away from the termination		<table><tr><th>Sleeve</th><th>L2</th><th>Wall Thickness</th><th>Part Number</th></tr><tr><td>3.5-5"</td><td>7-8.5"</td><td>3.5-5.1"</td><td>VT5-TS-5</td></tr><tr><td>5-8"</td><td>8.5-12"</td><td>5.1-8.3"</td><td>VT5-TS-8</td></tr><tr><td>8-15"</td><td>12-18"</td><td>8.3-14.6"</td><td>VT5-TS-14</td></tr><tr><td>15-27"</td><td>18-30.5"</td><td>14.6-27.2"</td><td>VT5-TS-27</td></tr></table>	Sleeve	L2	Wall Thickness	Part Number	3.5-5"	7-8.5"	3.5-5.1"	VT5-TS-5	5-8"	8.5-12"	5.1-8.3"	VT5-TS-8	8-15"	12-18"	8.3-14.6"	VT5-TS-14	15-27"	18-30.5"	14.6-27.2"	VT5-TS-27														
Sleeve	L2	Wall Thickness	Part Number																																			
3.5-5"	7-8.5"	3.5-5.1"	VT5-TS-5																																			
5-8"	8.5-12"	5.1-8.3"	VT5-TS-8																																			
8-15"	12-18"	8.3-14.6"	VT5-TS-14																																			
15-27"	18-30.5"	14.6-27.2"	VT5-TS-27																																			