

# InnoFlue® Commercial Vent Systems

Single Wall (2" - 12") • Flex • Concentric • Common Venting • Kits

## UL-1738



Intertek

1.1 These requirements cover venting systems intended for venting **Category II, III, or IV** gas-burning appliances as defined by the Standard for Gas-Fired Central Furnaces (except Direct-Vent Central Furnaces), ANSI Z21.47 and the **National Fuel Gas Code, NFPA 54**. Venting systems covered by these requirements are intended to be used with Category II, III, and IV appliances that have been installed in accordance with NFPA 54, and with codes such as the **BOCA National Mechanical Code, Standard Mechanical Code, Uniform Mechanical Code**, and local codes.



Centrotherm

### PVC / CPVC

Standard Sch. 40 PVC / Sch. 80 CPVC does not meet UL-1738 requirements.

### Polypropylene

Specifically for temperatures up to and including 230°F. PP (polypropylene) used as flue gas venting is specifically covered by this classification.

### Stainless Steel

Specifically for temperatures up to and including 260°F, 330°F, 410°F, and 480°F.

Weight per Foot (lbs)				
Diameter	PVC (Sch. 40)	CPVC (Sch. 80)	InnoFlue®*	Savings over PVC
2"	.68	1.02	<b>.30</b>	56%
3"	1.41	2.09	<b>.32</b>	77%
4"	2.01	3.05	<b>.66</b>	67%
6"	3.53	5.82	<b>1.42</b>	60%
8"	5.39	8.83	<b>1.50</b>	72%
10"	7.55	13.09	<b>2.00</b>	73%
12"	10.01	18.00	<b>3.86</b>	61%

\*InnoFlue® also includes the weight of a socket. PVC/CPVC may require use of a coupler. Use of a coupler would increase PVC/CPVC weight per foot.

**Centrotherm Commercial Components**

Siphons

Drain Fittings & Condensate Management Componentry

Common Vent Kits & Components

InnoFlue® Polypropylene	PVC	CPVC	
Working Temp.	<b>32° - 230°F</b>	50° - 149°F	50°-194°F
Softening Temp.	<b>302°F</b>	176°F	200°F
Melting Temp.	<b>329°F</b>	194°F	414°F

UL-1738 Factors	
<ul style="list-style-type: none"> <li>Clearance to Combustibles</li> <li>Support Requirements</li> <li>Flammability</li> </ul>	<ul style="list-style-type: none"> <li>Cold Weather Impact Resistance</li> <li>Joint Requirements</li> <li>Aging</li> </ul>

Safety	Speed	Innovation
<ul style="list-style-type: none"> <li>Tested and Listed by Intertek to <b>UL-1738</b></li> <li>Zero clearance to combustibles in all applications</li> <li>Approved by your trusted appliance manufacturers</li> <li>All products are UV rated</li> <li>LEED friendly</li> <li>100% Recyclable</li> </ul>	<ul style="list-style-type: none"> <li>Gasketed push-fit connection system installs quickly / easily</li> <li>No glues, primers, or solvents</li> <li>Directional gasket and flow arrows ensure proper vent layout</li> <li>Longer effective lengths means less components per install</li> <li>Vents can be field cut to length to match venting requirements</li> <li>Extremely lightweight</li> </ul>	<ul style="list-style-type: none"> <li>Only polypropylene supplier offering 10" and 12" diameters</li> <li>Maximum positive pressure up to 20' of water column</li> <li>In-house engineering quickly designs/creates custom components</li> </ul>