

Category	NovaVENT™	Plastic Vent										
Safety Factors	<p>Over 30 years of proven reliability.</p> <p>Minimal thermal expansion. Superior structural integrity.</p> <p>Designed as a vent system for positive and negative pressure appliances.</p> <p>Designed for a wide range of temperature applications to 550°F.</p> <p>Non combustible, does not support a flame.</p> <p>Adapters for all major brands ensures proper fit at the flue collar.</p> <p>Wide range of terminations available.</p> <p>Designed to meet specific appliance specifications and regional considerations.</p>	<p>Susceptible to environmental stress cracking</p> <p>2-3 times the thermal expansion of stainless steel</p> <p>Glued joints susceptible to cracking and separation through cyclic expansion/contraction and vibration</p> <p>Not recommended by PVC pipe manufacturers for venting combustion gases.</p> <p><b>Temperature Limits for Plastic Pipe:</b></p> <table><tr><td>PVC Schedule 40</td><td>140° F</td></tr><tr><td>ABS Schedule 40</td><td>160° F</td></tr><tr><td>CPVC Copper Tube Size</td><td>180° F</td></tr><tr><td>CPVC Schedule 80</td><td>200° F</td></tr><tr><td>Polypropylene High Temp</td><td>230° F</td></tr></table> <p>When incinerated produces toxic by-products: dioxins, chlorocarbons and hydrochloric acid.</p>	PVC Schedule 40	140° F	ABS Schedule 40	160° F	CPVC Copper Tube Size	180° F	CPVC Schedule 80	200° F	Polypropylene High Temp	230° F
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Testing and Approvals	<p>UL listed 1738 for Category II,III, IV gas appliances. Meets all applicable national building and fire codes.</p>	<p>No testing or listings as a vent for combustion gases</p> <p>No fire rating</p>										
Construction	<p>Engineered factory built vent system with factory installed self sealing joint gaskets</p> <p>No field seal and applied. No cure time.</p> <p>Complete, UL approved installation instructions provided with Vent. Easy to install, no cutting required. Multiple adjustable lengths available.</p>	<p>Field assembled, no installation instructions. Pipes must be cut, cleaned primed, glued, then cured (up to 2 hours in temperatures below 40°F) before use.</p>										
Environmental Factors	<p>100 % recyclable</p>	<p>PVC contains lead and phthalates which have been linked to indoor air quality concerns.</p>										
Warranty	<p>Vent manufacturers factory warranty</p>	<p>No warranty</p>										