

# Features/Benefits of the Vantage® II

## Setting the Standard in Unitary Infrared Heating

Feature	Benefit
<b>Layout &amp; Installation:</b>	
<ul style="list-style-type: none"> <li>▪ Design based on over 30 years of infrared heating experience</li> <li>▪ Broad range of high BTUH input burners and tube lengths; straight, "U" or "L" configurations available</li> </ul>	<ul style="list-style-type: none"> <li>▪ Field-proven product performance</li> <li>▪ Fits any building size or floor plan</li> </ul>
<ul style="list-style-type: none"> <li>▪ Reflectors can be tilted or side reflectors can be added</li> <li>▪ Designed to readily accept low voltage thermostats</li> </ul>	<ul style="list-style-type: none"> <li>▪ Concentrates heat where needed</li> <li>▪ Reduces installation cost – no additional transformer required for single heater installation.</li> </ul>
<ul style="list-style-type: none"> <li>▪ Quick assembly stainless steel couplings</li> <li>▪ Standard flue connector</li> <li>▪ Option of decorative grille for drop ceiling applications</li> </ul>	<ul style="list-style-type: none"> <li>▪ Minimizes installation time</li> <li>▪ Easy vent installation</li> <li>▪ Aesthetically-appealing look in high visibility areas</li> </ul>
<b>Operation:</b>	
<ul style="list-style-type: none"> <li>▪ Operates with natural gas or LP gas (propane)</li> <li>▪ Honeywell® SmartValve® II control</li> </ul>	<ul style="list-style-type: none"> <li>▪ Fuel efficient and environmentally friendly</li> <li>▪ Combines the gas valve and electronic ignition control functions into one single unit</li> </ul>
<ul style="list-style-type: none"> <li>▪ Hot surface electronic ignition control</li> <li>▪ Prepurge and timed trial for ignition with multiple ignition trial</li> <li>▪ Auto reset from lockout</li> </ul>	<ul style="list-style-type: none"> <li>▪ Reliable start-up</li> <li>▪ Reduces nuisance lockouts</li> <li>▪ Resets the system after one hour of lockout and begins another sequence for ignition</li> </ul>
<ul style="list-style-type: none"> <li>▪ Low-intensity infrared heat</li> <li>▪ Deep-dish, high efficiency aluminum reflectors with end caps</li> </ul>	<ul style="list-style-type: none"> <li>▪ Warms people and objects directly, not the air</li> <li>▪ Maximizes energy reflection; minimizes heat loss by convection</li> </ul>
<b>Safety:</b>	
<ul style="list-style-type: none"> <li>▪ SmartValve® II control provides all gas ignition safety functions</li> <li>▪ CSA design certified</li> <li>▪ Electrical and burner components separated by a partition</li> <li>▪ Stainless steel flex gas connector included</li> <li>▪ Door interlock switch</li> <li>▪ Detailed Installation, Operation and Service manual</li> </ul>	<ul style="list-style-type: none"> <li>▪ Controls gas flow, ignition source and combustion air blower and monitors pressure switch</li> <li>▪ Independent testing to industry standards</li> <li>▪ Minimizes negative effects of contaminants and back draft</li> <li>▪ Reliable, durable gas piping</li> <li>▪ Halts burner operation for service</li> <li>▪ Reduces installation time and errors; easier to troubleshoot and repair</li> </ul>
<b>Maintenance:</b>	
<ul style="list-style-type: none"> <li>▪ Diagnostic capability incorporated in burner design</li> <li>▪ Separate burner compartment</li> </ul>	<ul style="list-style-type: none"> <li>▪ Reduces service time</li> <li>▪ Protects valuable electrical controls from heat exposure and extends life of componentry</li> </ul>
<ul style="list-style-type: none"> <li>▪ Durable, spot welded burner construction with electrostatically applied paint</li> <li>▪ Removable burner doors</li> <li>▪ Mica flame observation window</li> <li>▪ Three-year limited warranty on all components</li> </ul>	<ul style="list-style-type: none"> <li>▪ Strong, long-lasting unit</li> <li>▪ Easy access for service</li> <li>▪ Flame verification and burner operation easy to observe</li> <li>▪ No hidden short-term exceptions for electrical and gas components</li> </ul>



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