

# Features/Benefits of the BLACKHEAT™ NP1

## The Negative Pressure Unitary or Multiburner Infrared Heater

<u>Feature</u>	<u>Benefit</u>
<b>Layout:</b>	
<ul style="list-style-type: none"> <li>▪ Can be used as a single unitary heater or connected together to make a multiburner system.</li> <li>▪ More flexible layout options, including "L", "U" and custom engineered layouts</li> <li>▪ Economical fans for unitary models and single pump option for multiburner system</li> <li>▪ Ideal for installations at high mounting heights and in high heat loss environments</li> <li>▪ Multiburner systems available, up to 16 burners per system.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Fits any building size or floor plan</li> <li>▪ Enables customer to heat only where needed</li> <li>▪ Reduces building penetrations and installed cost</li> <li>▪ Fuel efficient, comfortable heat</li> <li>▪ Improved comfort with uniform, gentle heat; Reduces building penetration and installation costs</li> </ul>
<b>Operation:</b>	
<ul style="list-style-type: none"> <li>▪ Operates with natural gas or LP gas (propane)</li> <li>▪ Low-intensity infrared heat</li> <li>▪ High efficiency aluminum reflectors with end caps</li> <li>▪ Direct spark ignition; outside air compatibility</li> <li>▪ Three-try, self-diagnostic, ignition module</li> </ul>	<ul style="list-style-type: none"> <li>▪ Fuel efficient and environmentally friendly</li> <li>▪ Warms people and objects directly, not the air</li> <li>▪ Maximizes energy reflection; minimizes heat loss</li> <li>▪ Reliable operation in harsh environments</li> <li>▪ Avoids annoying lockouts of single-try modules</li> </ul>
<b>Safety:</b>	
<ul style="list-style-type: none"> <li>▪ Safety vacuum switch</li> <li>▪ Stainless steel flex gas connector included (<i>US Only</i>)</li> <li>▪ CSA design certified</li> <li>▪ Electrical and combustion burner components separated by a partition</li> <li>▪ Detailed installation, operation and service manual</li> </ul>	<ul style="list-style-type: none"> <li>▪ Prevents burner operation in event of motor failure</li> <li>▪ Reliable, durable gas piping</li> <li>▪ Independent testing to industry standards</li> <li>▪ Minimizes negative effects of contaminants and back draft</li> <li>▪ Reduces installation time and errors; easier to troubleshoot</li> </ul>
<b>Maintenance:</b>	
<ul style="list-style-type: none"> <li>▪ Separate burner assembly</li> <li>▪ Extensive use of corrosion resistant materials</li> <li>▪ Durable spot welded burner construction</li> <li>▪ Removable burner door allows easy access to electrical components for service</li> <li>▪ Three-year limited warranty on all components</li> </ul>	<ul style="list-style-type: none"> <li>▪ Aids ease of maintenance</li> <li>▪ Longer life in high-moisture environments</li> <li>▪ Results in a strong, long-lasting unit</li> <li>▪ Minimizes service time; no loose door to handle</li> <li>▪ No hidden short-term exceptions for electrical and gas components</li> </ul>



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