

Features/Benefits of the Vantage® Modulating

The Only Modulating Unitary Infrared Heater

Feature	Benefit
Operation:	
<ul style="list-style-type: none"> ▪ Modulating burner adjusts both fuel and combustion air 	<ul style="list-style-type: none"> ▪ Increased efficiency and optimum combustion throughout full range of burner inputs
<ul style="list-style-type: none"> ▪ Fully automatic or manual control of burner modulation 	<ul style="list-style-type: none"> ▪ Variety of control options for different applications
<ul style="list-style-type: none"> ▪ Pre-programmed burner controls 	<ul style="list-style-type: none"> ▪ Easy start-up, no onsite programming required
<ul style="list-style-type: none"> ▪ Operates with natural gas or LP gas (propane) 	<ul style="list-style-type: none"> ▪ Fuel efficient and environmentally friendly
<ul style="list-style-type: none"> ▪ Modulating gas valve and variable speed blower 	<ul style="list-style-type: none"> ▪ Allows heater to operate at any input between minimum and maximum rating
<ul style="list-style-type: none"> ▪ Hot surface electronic ignition control 	<ul style="list-style-type: none"> ▪ Reliable start-up
<ul style="list-style-type: none"> ▪ Prepurge, post purge and timed trial for ignition with four ignition trials 	<ul style="list-style-type: none"> ▪ Allows complete air purge of system before and after operation. Reduces nuisance lockouts
<ul style="list-style-type: none"> ▪ Auto reset from lockout 	<ul style="list-style-type: none"> ▪ Resets the system after one hour of lockout and begins another sequence for ignition
<ul style="list-style-type: none"> ▪ Low-intensity infrared heat 	<ul style="list-style-type: none"> ▪ Warms people and objects directly, not the air
<ul style="list-style-type: none"> ▪ Deep-dish, high efficiency aluminum reflectors with end caps 	<ul style="list-style-type: none"> ▪ Maximizes energy reflection; minimizes heat loss by convection
Layout & Installation:	
<ul style="list-style-type: none"> ▪ Design based on over 40 years of infrared heating experience 	<ul style="list-style-type: none"> ▪ Field-proven product performance
<ul style="list-style-type: none"> ▪ Broad range of burner input and tube lengths; straight, "U" or "L" configurations available 	<ul style="list-style-type: none"> ▪ Fits any building size or floor plan
<ul style="list-style-type: none"> ▪ Reflectors can be tilted or side reflectors can be added 	<ul style="list-style-type: none"> ▪ Concentrates heat where needed
<ul style="list-style-type: none"> ▪ Accommodates standard low voltage thermostats 	<ul style="list-style-type: none"> ▪ Reduces installation cost – no additional transformer required. 24V programmable thermostat compatible
<ul style="list-style-type: none"> ▪ Quick assembly stainless steel couplings 	<ul style="list-style-type: none"> ▪ Minimizes installation time
<ul style="list-style-type: none"> ▪ Standard flue connector 	<ul style="list-style-type: none"> ▪ Easy vent installation
<ul style="list-style-type: none"> ▪ Option of decorative grille for drop ceiling applications 	<ul style="list-style-type: none"> ▪ Aesthetically-appealing look in high visibility areas
Safety:	
<ul style="list-style-type: none"> ▪ CSA design certified 	<ul style="list-style-type: none"> ▪ Independent testing to industry standards
<ul style="list-style-type: none"> ▪ On board pressure transducer and pressure switch 	<ul style="list-style-type: none"> ▪ Maximizes safety, assures optimum combustion air delivery
<ul style="list-style-type: none"> ▪ Electrical and burner components separated by a partition 	<ul style="list-style-type: none"> ▪ Clean components will last longer
<ul style="list-style-type: none"> ▪ Door interlock switch 	<ul style="list-style-type: none"> ▪ Added safety feature
<ul style="list-style-type: none"> ▪ Detailed Installation, Operation and Service manual 	<ul style="list-style-type: none"> ▪ Reduces installation time and errors; easier to troubleshoot and repair
Maintenance:	
<ul style="list-style-type: none"> ▪ Comprehensive on-board diagnostics for fault and system status 	<ul style="list-style-type: none"> ▪ Reduces service time
<ul style="list-style-type: none"> ▪ Burner design with protective enclosure for controls 	<ul style="list-style-type: none"> ▪ Minimizes exposure to dirt and moisture from combustion air
<ul style="list-style-type: none"> ▪ Heat treated aluminized tubing with ALUMI-THERM® burner tube 	<ul style="list-style-type: none"> ▪ Long lasting, corrosion resistant heat exchanger
<ul style="list-style-type: none"> ▪ Durable, spot welded burner construction with Polyester epoxy paint 	<ul style="list-style-type: none"> ▪ Strong, corrosion resistant, long-lasting unit
<ul style="list-style-type: none"> ▪ Removable burner doors 	<ul style="list-style-type: none"> ▪ Easy access for service
<ul style="list-style-type: none"> ▪ Mica flame observation window 	<ul style="list-style-type: none"> ▪ Flame verification and burner operation easy to observe
<ul style="list-style-type: none"> ▪ Three-year limited warranty on all components 	<ul style="list-style-type: none"> ▪ No hidden short-term exceptions for electrical and gas components



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