

Features/Benefits of the Vantage® HE

The Infrared Heater Designed for Harsh Environments

Feature	Benefit
Layout & Installation:	
▪ Burner box enhancements	▪ Protects components from climatic conditions
▪ Aluminized tubing as well as stainless steel reflectors, end caps and leak-proof hardware	▪ Ideal for heating harsh or corrosive environments, indoor or outdoor
▪ Additional supports and reflectors	▪ Capable of withstanding winds up to 40 mph
▪ Type B vent cap at blower inlet and at flue end	▪ Protects from wind, rain and chemicals
▪ Broad range of high BTUH input burners and tube lengths; straight, "U" or "L" configurations available	▪ Fits any building size or floor plan
▪ Reflectors can be tilted or side reflectors can be added	▪ Concentrates heat where needed
▪ Quick assembly stainless steel couplings	▪ Minimizes installation time
▪ Standard flue connector	▪ Easy vent installation
Operation:	
▪ Operates with natural gas or LP gas (propane)	▪ Fuel efficient and environmentally friendly
▪ Honeywell® SmartValve® II control	▪ Combines the gas valve and electronic ignition control functions into one single unit
▪ Hot surface electronic ignition control	▪ Reliable start-up
▪ Prepurge and timed trial for ignition with multiple ignition trial	▪ Reduces nuisance lockouts
▪ Auto reset from lockout	▪ Resets the system after one hour of lockout and begins another sequence for ignition
▪ Low-intensity infrared heat	▪ Warms people and objects directly, not the air
▪ Deep-dish, high efficiency aluminum reflectors with end caps	▪ Maximizes energy reflection; minimizes heat loss by convection
Safety:	
▪ SmartValve® II control provides all gas ignition safety functions	▪ Controls gas flow, ignition source and combustion air blower and monitors pressure switch
▪ CSA design certified	▪ Independent testing to industry standards
▪ Electrical and burner components separated by a partition	▪ Minimizes negative effects of contaminants and back draft
▪ Vinyl coated stainless steel flex gas connector included	▪ Reliable, durable gas piping
▪ Door interlock switch	▪ Halts burner operation for service
▪ Detailed Installation, Operation and Service manual	▪ Reduces installation time and errors; easier to troubleshoot and repair
Maintenance:	
▪ Diagnostic capability incorporated in burner design	▪ Reduces service time
▪ Separate burner compartment	▪ Protects valuable electrical controls from heat exposure and extends life of componentry
▪ Durable, spot welded burner construction with electrostatically applied paint	▪ Strong, long-lasting unit
▪ Removable burner doors	▪ Easy access for service
▪ Mica flame observation window	▪ Flame verification and burner operation easy to observe
▪ Three-year limited warranty on all components	▪ No hidden short-term exceptions for electrical and gas components



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