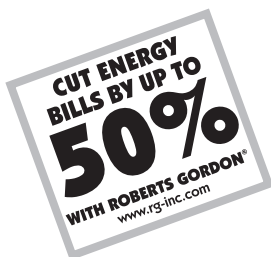


- Effective in high moisture environments due to durable components
- Burner box design with protective enclosure for controls minimizes exposure to dirt and moisture from combustion air
- Approved for indoor and outdoor installations
- Design flexibility achieved with broad range of burner inputs and tube lengths
- Diagnostic capability incorporated in burner design

Vantage[®] HE

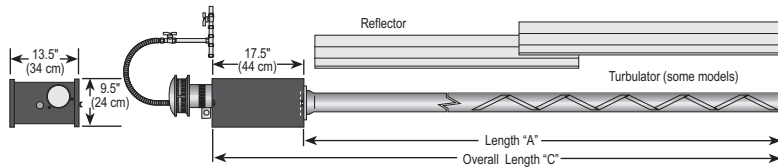
The Infrared Heater Designed for Harsh Environments



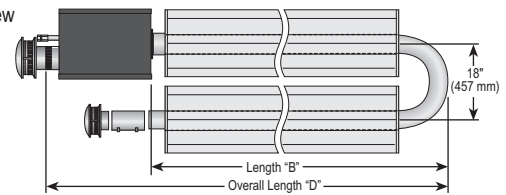
Quality in Any Language™



Burner End View



Top View



VANTAGE® HE

Model		HE-40	HE-60	HE-80	HE-100	HE-125	HE-150	HE-175
Length of Straight Tube	(ft, in) A	10	20	20	30	40	50	60
Length of U-Tube	(ft, in) B	N/A	11,7	11,7	16,7	21,7	26,7	31,7
Overall Length of Straight Tube	(ft, in) C	11,5,5	21,5,5	21,5,5	31,5,5	41,5,5	51,5,5	61,5,5
Overall Length of U-Tube	(ft, in) D	N/A	13,0,5	13,0,5	18,0,5	23,0,5	28,0,5	33,0,5
Input (Btu/h) x (1000)		40	60	80	100	125	150	175
Fuel		Natural Gas (NG) or Propane Gas (LP)						
Inlet Pressure	(in wc) NG min. LP min.	4.6 11	4.6 11	4.6 11	4.6 11	4.6 11	4.6 11	5 11
		14 maximum for NG & LP						
Gas Connection	NPT	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical Supply		120 V, 60 Hz, 1 A (Run) 5 A (Start)						
Heat Exchanger Tubing		10 ft Sections, 4" dia, 16 Gauge, First 10 ft ALUMI-THERM® Steel Tubing (Remaining Heat Treated Aluminized Steel Tubing)						
Exhaust Flue		4" dia						
Reflector and End Caps		.024 Stainless Steel Type 304 (Optional - .024 Aluminum)						
Control System		Honeywell® SmartValve® II Combines Gas Valve and Hot Surface Electronic Ignition Control Fully Automatic, Four-Try, 100% Shut-Off, Prepurge, Auto Reset, LED Indicator Status						
Approved As		Indoor and Outdoor (Vented or Unvented)						
Certification		ANSI Z83.20/CSA 2.34, 2.17, 2.20						
Warranty		Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)						
Weights								
Burner	(lb)	40						
Vent Cap Package Included	(lb)	4						
Overall Length of Tube and Accessory Packages (ft)		10	20	30	40	50	60	
Aluminized Tube with Aluminum Reflector	(lb)	52	86	120	161	206	240	
Aluminized Tube with Stainless Steel Reflector	(lb)	66	113	152	208	265	304	
U-Tube Packages (lb)								
Aluminized Tube with Aluminum End Caps					19			
Aluminized Tube with Stainless Steel End Caps					20			

Clearances to Combustibles* (in)

Model		HE-40	HE-60	HE-80	HE-100	HE-125	HE-150	HE-175
	Horizontal							
	45°							
	A	6 8	6 8	6 8	6 10	6 10	6 12	8 12
	B	27 8	35 8	38 8	40 8	46 8	50 8	52 8
C	53 51	63 60	66 66	71 74	77 78	80 84	82 85	
D	27 46	35 54	38 60	40 64	46 69	50 74	52 79	

*Clearances B, C, D can be reduced by 50% for locations 25 ft (7m) or more downstream of the burner. For other mounting options and associated clearances, complete installation, operation and service criteria, please see the current issue of the VANTAGE® HE Installation, Operation and Service Manual.

Installation Code: ROBERTS GORDON® products are to be installed only in accordance with local laws, codes and regulations, and only by a contractor qualified in the installation and service of gas-fired heating equipment. **This product is not for residential use.**

Further Information: Applications, engineering and detailed guidance on systems design, installation and product performance is available through ROBERTS GORDON® North American independent distributors. Please contact us for any further information you may require, including the VANTAGE® HE Installation, Operation and Service Manual.

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