



**MODEL HEM VANTAGE™**  
**PATIO HEATER**

**The Premier  
Outdoor Modulating  
Unitary Heater**

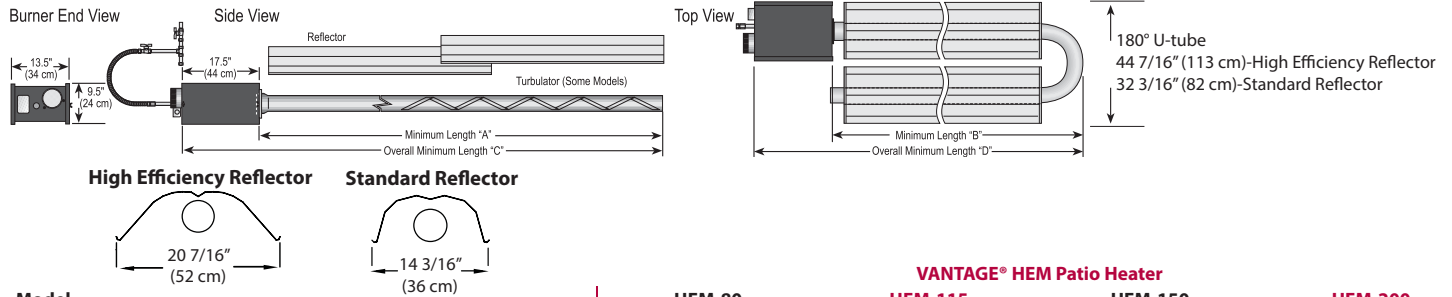
- An energy efficient comfort heating solution directly heats occupants, tables, chairs, and other objects to extend your patio season
- Fully automatic or manual control of burner modulation for increased comfort levels
- Sealed burner enclosure approved for indoor or outdoor use capable of withstanding extreme weather conditions
- Efficient and optimum combustion throughout full range of burner inputs ensured by pre-programmed burner controls that adjust both fuel and air
- Made in the USA

800.828.7450

[www.robertsgordon.com](http://www.robertsgordon.com)

**ROBERTS GORDON®**  
INFRARED HEATING

# ROBERTS GORDON® THE EXCLUSIVE PRODUCER OF CORAYMAC™



		<b>VANTAGE® HEM Patio Heater</b>			
Model		HEM-80	HEM-115	HEM-150	HEM-200
Minimum Length of Straight Tube*	[ft] A	20	30	40	50
Minimum Length of U-tube*	[ft, in] B	11, 7	16, 7	21, 7	26, 7
Overall Minimum Length of Straight Tube	[ft, in] C	21, 5.5	31, 5.5	41, 5.5	51, 5.5
Overall Minimum Length of U-tube	[ft, in] D	13, 0.5	18, 0.5	23, 0.5	28, 0.5

\*For additional lengths, please see the current Installation, Operation and Service Manual.

Minimum Input (Btu/h) x (1000)	(NG/LP)	52/55	75/78	100/105	130 (NG)
<b>Maximum Input (Btu/h) x (1000)</b>		<b>80</b>	<b>115</b>	<b>150</b>	<b>200 (NG)</b>
Inlet Pressure	[in wc] NG min.	5.5	5.5	5.5	6.0
	LPG Propane min.	12	12	12	12
	NG & LPG Propane max.	14	14	14	14
Gas Connection	NPT	½"	½"	¾"	¾"
Exhaust Flue	dia	4"	4"	4"	4"
Combustion Air Inlet	dia	4"	4"	5"	5"

<b>Weights</b>					
<b>Aluminized Tube and Accessory Packages</b>	[ft]	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>
High Efficiency Aluminum Reflector	[lb]	89	124	167	213
Standard Aluminum Reflector	[lb]	86	120	161	206
Standard Stainless Steel Reflector	[lb]	113	152	208	265
<b>Burner</b>	[lb]	41			

<b>U-tube Packages</b>					
Aluminized U-tube for High Efficiency Aluminum Reflector	[lb]	23			
Aluminized U-tube for Standard Aluminum Reflector	[lb]	19			
Aluminized U-tube for Standard Stainless Steel Reflector	[lb]	20			
Fuel		NG or LPG			
Electrical Supply		120 V, 60 Hz, 1.3 A (Run) 4.8 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, or Double Coated Porcelain Tubing)			
Reflector and End Caps		.024 Aluminum [Optional - .024 Stainless Steel Type 304]			
Control System		Modulating Gas Valve and Hot Surface Electronic Ignition Control Four-Try, 100% Shut-Off, Prepurge, Post-purge, Auto Reset, Tri-Color LED Status/ Fault Indicator			
Control Options		Zone Sensor, Thermostat, Modulating Thermostat, 10 K ohm Potentiometer, Remote 0-10 Vdc or 4-20 mA Signal			
Approved As		Indoor and Outdoor (Vented or Unvented)			
Certification		ANSI Z83.20/CSA 2.34			
Warranty		Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)			

## Clearances to Combustibles \*\*[in]

Model		HEM-80		HEM-115		HEM-150		HEM-200	
Horizontal	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°
	A	6	8	6	10	6	12	8	12
	B	38	8	46	8	50	8	52	10
	C	66	66	77	78	80	84	96	85
	D	38	60	46	69	50	74	52	79

\*\*Clearances B, C and D can be reduced by 50% for locations 25 ft (7 m) 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 Installation, Operation and Service Manual.

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