

HL3 SERIES



PREMIER, TWO-STAGE LOW INTENSITY TUBE HEATER

Optimal Fuel and Comfort Benefits with Unsurpassed Features

The HL3 Series, packed with quality features, represents today's most energy efficient line of infrared tube heaters. Our patented two-stage technology, incorporated into the HL3 Series, provides more comfort while saving valuable energy dollars. In addition, the highest quality materials and construction features ensure years of reliable and efficient operation. No other infrared heater can match the performance and quality of the HL3 Series.



BENEFITS OF HEATING WITH INFRARED

- Superior Comfort
- Indoor Air Quality
- Reduced Energy Consumption
- Flexibility
- Durability
- Radiant Efficiency

PRODUCT FEATURES

- Patented two-stage operation
- Pre- and post-purge controls
- Self-diagnostic LED, microprocessor based circuitry
- Independent control-air-gas compartments with tool-free access
- Fitted ABS plastic air intake collar
- Reliable hot surface ignition
- Type 1 rubber flexible gas connector included
- 24 volt controls and power cord standard

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PRODUCT SPECIFICATIONS



Input Range:
65,000 to 200,000 BTU/h



Lengths:
20-ft. to 70-ft.



Gas Type:
Natural (3.5" W.C.) or Propane (10.0" W.C.)



Combustion Chamber:
4" Titanium Stabilized or Aluminized Steel



Radiant Tubes:
.95 Emissive Black Coated Aluminized Steel



Certification:
CSA, IAS, Indoor, Outdoor



Limited Warranty:
1 (Components) - 5 (Tubes) - 10 (Burner)



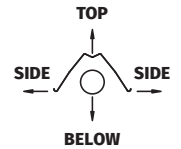
Electrical:
120V, 60 Hz. 24V Control
Amps: 4.8 Starting, 1.1 Running



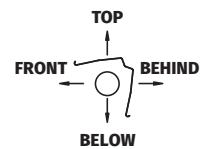
AVAILABLE HL3 MODELS & CLEARANCES

MODEL #	GAS ¹	BTU/h HIGH FIRE	BTU/h LOW FIRE	LENGTH	WEIGHT	MOUNTING HEIGHTS ²	CLEARANCES TO COMBUSTIBLES ³ (INCHES)	MOUNTING ANGLE	SIDE	TOP	BELOW
HL3-20-65	Nat or Prop	65,000	50,000	21'-9"	120 lbs	9' to 14'		0°	9	6	60
HL3-20-75 [^]	Nat or Prop	75,000	50,000	21'-9"	120 lbs	10' to 15'		0°	9	6	60
HL3-30-65	Nat or Prop	65,000	50,000	31'-5"	160 lbs	10' to 15'		0°	9	6	60
HL3-30-75 [^]	Nat or Prop	75,000	50,000	31'-5"	160 lbs	11' to 18'		0°	9	6	60
HL3-30-100 [^]	Nat or Prop	100,000	65,000	31'-5"	160 lbs	12' to 20'		0°	14	6	66
HL3-30-125	Nat or Prop	125,000	82,000	31'-5"	160 lbs	13' to 23'		0°	20	6	76
HL3-40-65	Nat or Prop	65,000	50,000	41'-1"	190 lbs	11' to 18'		0°	9	6	60
HL3-40-75 [^]	Nat or Prop	75,000	50,000	41'-1"	190 lbs	11' to 18'		0°	9	6	60
HL3-40-100 [^]	Nat or Prop	100,000	65,000	41'-1"	190 lbs	12' to 20'		0°	14	6	66
HL3-40-125 [^]	Nat or Prop	125,000	82,000	41'-1"	190 lbs	13' to 23'		0°	20	6	76
HL3-40-150 [^]	Nat or Prop	150,000	100,000	41'-1"	190 lbs	14' to 25'		0°	24	6	81
HL3-40-175	Nat or Prop	175,000	125,000	41'-1"	190 lbs	15' to 27'		0°	34	6	92
HL3-50-125 [^]	Nat or Prop	125,000	82,000	50'-9"	235 lbs	15' to 27'		0°	20	6	76
HL3-50-150 [^]	Nat or Prop	150,000	100,000	50'-9"	235 lbs	15' to 27'		0°	24	6	81
HL3-50-175 [^]	Nat or Prop	175,000	125,000	50'-9"	235 lbs	16' to 30'		0°	34	6	92
HL3-50-200	Nat or Prop	200,000	145,000	50'-9"	235 lbs	17' to 35'		0°	41	6	94
HL3-60-150 [^]	Nat or Prop	150,000	100,000	60'-5"	265 lbs	16' to 30'		0°	24	6	81
HL3-60-175 [^]	Nat or Prop	175,000	125,000	60'-5"	265 lbs	16' to 30'		0°	34	6	92
HL3-60-200 [^]	Nat or Prop	200,000	145,000	60'-5"	265 lbs	17' to 35'		0°	41	6	94
HL3-70-175	Nat or Prop	175,000	125,000	70'-1"	300 lbs	19' to 42'		0°	34	6	92
HL3-70-200	Nat or Prop	200,000	145,000	70'-1"	300 lbs	19' to 42'		0°	41	6	94

0° Mounting Angle



45° Mounting Angle³



³Refer to HL3 Manual for additional information about clearances for 45° Mounting Angle, 0° w/ 1 Side Shield, 0° w/ 2 Side Shields, and 20 ft. from burner.

¹ Specify natural (Nat) or propane (Prop) gas.

² Factory recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.

[^]Stainless steel tube upgrades available.

Always maintain the published clearances to combustibles. Not for residential use.

Clearances published in HL3 Series manual and on warning label supersede data shown on this brochure.



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