

DETROIT RADIANT

RE-VERBER-RAY

RADIANT GAS HEATERS®

PRODUCTS COMPANY

INTERNATIONAL

SERIES

EHL EDX

EHL SERIES

GAS-FIRED, DUAL STAGE, INFRARED HEATERS

The EHL Series, packed with many quality features, is the most energy efficient infra-red tube heater available anywhere! Our patented two stage technology, incorporated into the EHL Series, provides more comfort while saving valuable energy capital. 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 EHL Series!



PRODUCT FEATURES

- Inputs of 19.0 to 60.0 kw
- Available in Tube Lengths of 6710 mm to 21335 mm
- Coated Titanium or Aluminized Combustion Chamber
- Coated Aluminized or Optional Economy Hot Rolled Steel Radiant Tubes
- Patented Two-Stage Technology
- Highly Polished Aluminum Reflectors
- Stainless Steel Burner
- Spark Ignition System
- Enameled Control Box
- Operational Indicator Lights
- Optional #3 Brushed Stainless Steel Control Box
- Optional 'U' or 'L' Configuration

PRODUCT FEATURES COMPARISON CHART

	EHL	EDX	OTHER
Highly Polished Aluminum Reflectors	●	●	
Coated Titanium or Aluminum Combustion Chamber	●	●	
Coated Aluminized Radiant Tubes	●	●	
Spark Ignition	●	●	
Flex Connector (610mm Stainless Steel)	●	●	
Ball Valve with Pressure Tap Included	●	●	
Enameled Control Box	●	●	
Two-stage Technology	●		
Interlocking Swaged Tubes	●	●	
Stainless Steel Upgrades Available	●	●	
Operational Indicator Lights	●	●	
Optional 'U' or 'L' Configurations Available	●	●	

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VISIT OUR WEBSITE FOR:

- Product Specs
- Parts Support
- Dealer Locator
- Applications
- Sales Brochures
- Installation Manuals
- C.A.D. Library
- Design Guidelines
- Theory of Infra-red
- And More!

EHL SERIES

SPECIFICATIONS



PRODUCT SPECIFICATIONS

Input Range:	19.0 - 60.0 kW
Lengths:	6100 - 21335mm
Gas Type:	Nat(G20-l2H), D-Nat(G25-l2L), LP(G31-l3P)
Radiant Tube Options:	Commercial, Industrial, Poultry, Swine
Certifications:	CE [^] , AU, RU, NZ, RS

OPTIONAL EQUIPMENT (Part No.)

"U" or "L" Configurations:	Available (RU, RE)
Stainless Steel Upgrades:	Available (SSRAO, SSFWAO, SSC, SSB)
Indicator Lights:	Standard
Protective Guards:	Available (PG)
Side Shield Extensions:	Available (SSE)

ELECTRICAL

- 230V, 50Hz, 60Hz
- 1.0A starting, 0.6A running

CONTROLS

- 230V thermostat control
- 24V optional control

TUBE CONSTRUCTION

- 101.6mm x 3048mm; 16 ga.
- Labor saving, interlocking swaged tube design

IGNITION/SENSE

- Spark ignition
- Single or dual sense

KIT CONTENTS

- All hangers & couplers
- Reflector end caps
- Turbulator baffle(s)
- Installation manual

VENTING

- 100mm single
- Optional 150mm common (with single thermostat)

GAS CONNECTION

- Brass ball valve
- Flexible connector

GAS PRESSURES

- See Instruction Manual

COMBUSTION AIR

- Equipped for ducted air intake from roof or sidewall

REFLECTORS

- Highly polished aluminum
- Optional stainless steel
- End caps included
- 0° - 45° rotatable angle
- Tension springs

AVAILABLE EHL MODELS & CLEARANCES

EHL CLEARANCES TO COMBUSTIBLES (mm)

Model No.	Input kW (High/Low)	*Consumption M ³			Length (mm) Straight/U-Tube	Weight (Kg)	**Rcmd. Mounting Heights (mm)
		G20	G25	G31			Mounting Heights (mm)
EHL-20-75	22.0/14.7	2.07	2.59	0.83	6710/3963	54.5	3050 - 4570
EHL-30-75	22.0/14.7	2.07	2.59	0.83	9525/5385	72.5	3350 - 5490
EHL-40-75	22.0/14.7	2.07	2.59	0.83	12470/6909	86.0	3350 - 5490
EHL-30-100	29.3/19.0	2.76	3.46	1.11	9525/5385	72.5	3660 - 6100
EHL-40-100	29.3/19.0	2.76	3.46	1.11	12470/6909	86.0	3660 - 6100
EHL-50-100	29.3/19.0	2.76	3.46	1.11	15420/8332	106.5	4570 - 8230
EHL-40-125	36.6/27.8	3.44	4.32	1.38	12470/6909	86.0	3960 - 7010
EHL-50-125	36.6/27.8	3.44	4.32	1.38	15420/8332	106.5	4570 - 8230
EHL-60-125	36.6/27.8	3.44	4.32	1.38	18365/9856	120.0	4875 - 9145
EHL-40-150	44.0/29.3	4.14	5.19	1.66	12470/6909	86.0	4270 - 7620
EHL-50-150	44.0/29.3	4.14	5.19	1.66	15420/8332	106.5	4570 - 8230
EHL-60-150	44.0/29.3	4.14	5.19	1.66	18365/9856	120.0	4875 - 9145
EHL-40-170	50.0/35.0	4.71	5.90	1.89	12470/6909	86.0	4270 - 8230
EHL-50-170	50.0/35.0	4.71	5.90	1.89	15420/8332	106.5	4875 - 9145
EHL-60-170	50.0/35.0	4.71	5.90	1.89	18365/9856	120.0	4875 - 9145
EHL-70-170	50.0/35.0	4.71	5.90	1.89	21335/11278	136.0	5790 - 12800
EHL-50-188	55.0/40.0	5.18	6.49	2.08	15420/8332	106.5	5180 - 10670
EHL-60-188	55.0/40.0	5.18	6.49	2.08	18365/9856	120.0	5180 - 10670
EHL-70-188	55.0/40.0	5.18	6.49	2.08	21335/11278	136.0	5790 - 12800
EHL-50-204	60.0/40.0	5.65	7.08	2.27	15420/8332	106.5	5180 - 10670
EHL-60-204	60.0/40.0	5.65	7.08	2.27	18365/9856	120.0	5180 - 10670
EHL-70-204	60.0/40.0	5.65	7.08	2.27	21335/11278	136.0	5790 - 12800

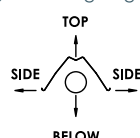
MODEL NO.	MOUNTING ANGLE	SIDE			
		FRONT	BEHIND	TOP	BELOW
EHL-75 (22.0 kW)	0°	229	229	152	1524
	45°	991	203	254	1524
W/1 Side Shield	0°	737	203	152	1524
W/2 Side Shields	0°	229	229	152	1524
6096mm from Burner	0°	178	178	152	762
EHL-100 (29.3 kW)	0°	356	356	152	1676
	45°	991	203	254	1676
W/1 Side Shield	0°	737	203	152	1676
W/2 Side Shields	0°	406	406	152	1676
6096mm from Burner	0°	178	178	152	762
EHL-125 (36.6 kW)	0°	508	508	152	1930
	45°	1473	203	254	1930
W/1 Side Shield	0°	1067	203	152	1930
W/2 Side Shields	0°	508	508	152	1930
6096mm from Burner	0°	178	178	152	762
EHL-150 (43.9 kW)	0°	610	610	152	2057
	45°	1473	203	254	2057
W/1 Side Shield	0°	1067	203	152	2057
W/2 Side Shields	0°	584	584	152	2057
6096mm from Burner	0°	279	279	152	1118
EHL-170 (50.0 kW)	0°	864	864	152	2337
	45°	1600	203	254	2337
W/1 Side Shield	0°	1270	203	152	2337
W/2 Side Shields	0°	762	762	152	2337
6096mm from Burner	0°	279	279	152	1118
EHL-188, 204 (55.0, 60.0 kW)	0°	1041	1041	152	2388
	45°	1600	203	254	2388
W/1 Side Shield	0°	1372	203	152	2388
W/2 Side Shields	0°	762	762	152	2388
6096mm from Burner	0°	279	279	152	1118

* Specify gas type.

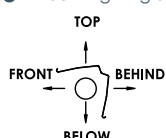
** Recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.

^ EHL 170-204 LP gas models are not CE approved for operation.

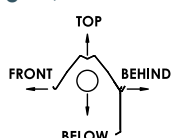
0° Mounting Angle



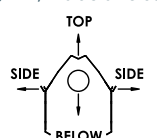
45° Mounting Angle



0° W/ 1 Side Shield



0° W/ 2 Side Shields



Always maintain the published clearances to combustibles. Clearances published in EHL Series manual and on warning label supersede data shown on this brochure.

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