

DETROIT RADIANT

RE-VERBER-RAY

RADIANT GAS HEATERS®

PRODUCTS COMPANY

INTERNATIONAL

SERIES



EHL



EDX

EHL SERIES (AU CERTIFIED)

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 79,1 to 158,3 MJ/h
- Available in Tube Lengths of 6710 mm to 18365 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
- 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	●	•	
Hot Surface Ignition	●	•	
Optional Ball Valve	●	•	
Two-stage Technology	●		
Interlocking Swaged Tubes	●	•	
Stainless Steel Upgrades Available	●	•	
Reflector End Caps Included	●	•	
Optional 'U' or 'L' Configurations Available	●	•	

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VISIT OUR WEBSITE FOR:

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

EHL SERIES

SPECIFICATIONS



PRODUCT SPECIFICATIONS

Input Range:	79,1 to 158,3 MJ/h
Lengths:	6100 - 18365 mm
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

- Optional brass ball valve

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

MODEL #	MJ/h (Low/High)	GAS*	LENGTH	WEIGHT	SUGGESTED MOUNTING HEIGHTS**
EHL-20-75	19,1/52,8	Nat or LP	6710 mm	54.5 kg	3050 - 4570 mm
EHL-30-75	19,1/52,8	Nat or LP	9525 mm	72.5 kg	3350 - 5490 mm
EHL-40-75	19,1/52,8	Nat or LP	12470 mm	86.0 kg	3350 - 5490 mm
EHL-30-100	25,5/68,5	Nat or LP	9525 mm	72.5 kg	3660 - 6100 mm
EHL-40-100	25,5/68,5	Nat or LP	12470 mm	86.0 kg	3660 - 6100 mm
EHL-50-100	25,5/68,5	Nat or LP	15420 mm	106.5 kg	4570 - 8230 mm
EHL-40-125	31,9/100,2	Nat or LP	12470 mm	86.0 kg	3960 - 7010 mm
EHL-50-125	31,9/100,2	Nat or LP	15420 mm	106.5 kg	4570 - 8230 mm
EHL-60-125	31,9/100,2	Nat or LP	18365 mm	120.0 kg	4875 - 9145 mm
EHL-40-150	58,3/105,5	Nat or LP	12470 mm	86.0 kg	4270 - 7620 mm
EHL-50-150	58,3/105,5	Nat or LP	15420 mm	106.5 kg	4570 - 8230 mm
EHL-60-150	58,3/105,5	Nat or LP	18365 mm	120.0 kg	4875 - 9145 mm

* Specify gas type.

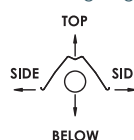
** Recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.

EHL CLEARANCES TO COMBUSTIBLES (mm)

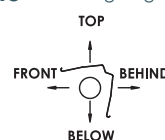
MODEL NO.	MOUNTING ANGLE	SIDE			
		FRONT	BEHIND	TOP	BELOW
EHL-75	0°	229	229	152	1524
	45°	991	203	254	1524
W/1 Side Shield	0°	737	203	152	1524
W/2 Side Shields	0°	229	229	152	1524
6096mm from Burner	0°	178	178	152	762
EHL-100	0°	356	356	152	1676
	45°	991	203	254	1676
W/1 Side Shield	0°	737	203	152	1676
W/2 Side Shields	0°	406	406	152	1676
6096mm from Burner	0°	178	178	152	762
EHL-125	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	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

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

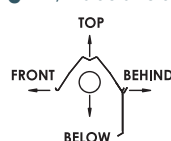
0° Mounting Angle



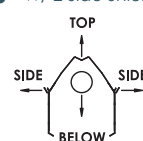
45° Mounting Angle



0° W/ 1 Side Shield



0° W/ 2 Side Shields



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