

DETROIT RADIANT

RE-VERBER-RAY

RADIANT GAS HEATERS®

PRODUCTS COMPANY

INTERNATIONAL

SERIES

● EHL ○ EDX

EHL SERIES

GAS-FIRED, DUAL STAGE, INFRA-RED 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 dollars. In addition, the highest quality materials and construction features ensure years of reliable and efficient operation. No other infra-red heater can match the performance and quality of the EHL Series!



PRODUCT FEATURES

- Inputs of 19.0 to 44 kw
- Available in Tube Lengths of 6100 to 18300mm
- 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 '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	●	●	
Flex Connector (610mm Stainless Steel)	●	●	
Ball Valve with Pressure Tap Included	●	●	
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
- Dealer Locator
- Applications
- C.A.D. Library
- Design Guidelines
- Theory of Infra-red
- And More!

EHL SERIES

SPECIFICATIONS



PRODUCT SPECIFICATIONS

BTU Range:	19.0 - 44 kW
Lengths:	6100 - 18300mm
Gas Type:	G20, G25 and G31
Combustion Chamber:	Coated Aluminized or Titanium
Radiant Tubes:	Coated Aluminized or Hot-Rolled
Certification:	CE

OPTIONAL EQUIPMENT

"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
- 1.0A starting, 0.6A running

CONTROLS

- 230V thermostat control

TUBE CONSTRUCTION

- As shown at left
- 101.6mm x 3048mm; 16 gauge
- Labor saving, interlocking swaged tube design

REFLECTORS

- Highly polished aluminum
- End caps included
- 0° - 45° rotatable angle
- Tension springs.

IGNITION/SENSE

- Spark ignition
- Flame sense

VENTING

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

GAS CONNECTION

- Brass ball valve included

GAS PRESSURES

- See Instruction Manual

COMBUSTION AIR

- Equipped for ducted air intake from roof or sidewall

KIT CONTENTS

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

AVAILABLE EHL MODELS & CLEARANCES

MODEL #	GAS*	Kw (High/Low)	LENGTH	WEIGHT	RECOMMENDED MOUNTING HEIGHTS**
EHL-20-65	G20,25,31	19.0/14.7	6710 mm	54.5 kg	3355 - 5485mm
EHL-20-75	G20,25,31	22.0/14.7	6710 mm	54.5 kg	3960 - 6100mm
EHL-30-65	G20,25,31	19.0/14.7	9525 mm	72.5 kg	3355 - 4880mm
EHL-30-75	G20,25,31	22.0/14.7	9525 mm	72.5 kg	3660 - 5490mm
EHL-30-100	G20,25,31	29.3/22.0	9525 mm	72.5 kg	4570 - 7010mm
EHL-40-65	G20,25,31	19.0/14.7	12470 mm	86.0 kg	3355 - 4880mm
EHL-40-75	G20,25,31	22.0/14.7	12470 mm	86.0 kg	3660 - 5485mm
EHL-40-100	G20,25,31	29.3/22.0	12470 mm	86.0 kg	3960 - 6100mm
EHL-40-125	G20,25,31	36.6/27.8	12470 mm	86.0 kg	4570 - 7620mm
EHL-40-150	G20,25,31	44/29.3	12470 mm	86.0 kg	4880 - 9145mm
EHL-50-100	G20,25,31	29.3/22.0	15420 mm	106.5 kg	3960 - 6100mm
EHL-50-125	G20,25,31	36.6/27.8	15420 mm	106.5 kg	4570 - 7620mm
EHL-50-150	G20,25,31	44/29.3	15420 mm	106.5 kg	4880 - 9145mm
EHL-60-125	G20,25,31	36.6/27.8	18365 mm	120.0 kg	4570 - 7620mm
EHL-60-150	G20,25,31	44/29.3	18365 mm	120.0 kg	4880 - 9145mm

* Specify G20, G25 or G31 gas.

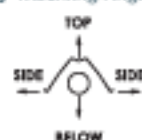
** Recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.

EHL CLEARANCES TO COMBUSTIBLES (mm)

MODEL NO.	MOUNTING ANGLE	SIDE		TOP	BELOW
		FRONT	BEHIND		
EHL (20,30,40) - 65, 75	0°	228.6	228.6	152.4	152.4
	45°	990.6	203.2	254	152.4
	0°	736.6	203.2	152.4	152.4
	0°	228.6	228.6	152.4	152.4
609.6mm from Burner					
EHL (30,40,50) - 100	0°	355.6	355.6	152.4	1676.4
	45°	990.6	203.2	254	1676.4
	0°	736.6	203.2	152.4	1676.4
	0°	406.4	406.4	152.4	1676.4
609.6mm from Burner					
EHL (40,50,60) - 125	0°	508	508	152.4	1930.4
	45°	1473.2	203.2	254	1930.4
	0°	1066.8	203.2	152.4	1930.4
	0°	508	508	152.4	1930.4
609.6mm from Burner					
EHL (40,50,60) - 150	0°	609.6	609.6	152.4	2057.4
	45°	1473.2	203.2	254	2057.4
	0°	1066.8	203.2	152.4	2057.4
	0°	584.2	584.2	152.4	2057.4
609.6mm from Burner					

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

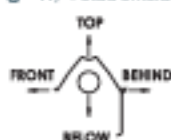
0° Mounting Angle



45° Mounting Angle



0° W/ 1 Side Shield



0° W/ 2 Side Shields



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