

DETROIT RADIANT

**RE-VERBER-RAY**

RADIANT GAS HEATERS®

PRODUCTS COMPANY

INTERNATIONAL

SERIES

EHL

EDX

# EDX SERIES

**GAS-FIRED, SINGLE STAGE, INFRA-RED HEATERS**

Packed with quality features, the EDX Series represents the highest quality single stage low intensity tube heater available anywhere. Performance is enhanced through the use of a specially designed stainless steel burner and coated titanium and/or aluminized steel combustion and radiant emitter tubes. The EDX Series offers superior low intensity heat, performance and longevity.



## PRODUCT FEATURES

- Inputs of 14.7 to 60.0 kW
- Available in Tube Lengths of 6710 to 21335 mm
- Coated Titanium or Aluminized Combustion Chamber
- Coated Aluminized or Optional Economy Hot Rolled Steel Radiant Tubes
- 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	•	●	
Spark 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	•	●	

## DETROIT RADIANT PRODUCTS CO.

21400 Hoover Rd.  
Warren, MI 48089-3162

Phone: +1.586.756-0950  
Toll Free: +1.800.222.1100  
Fax: +1.586.756.2626  
Email: sales@drp-co.com  
Website: www.detroitradiant.com

## VISIT OUR WEBSITE FOR:

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

# EDX SERIES SPECIFICATIONS



## PRODUCT SPECIFICATIONS

<b>Input Range:</b>	19.0 - 60.0 kW
<b>Lengths:</b>	6710 - 21335mm
<b>Gas Type:</b>	G20 (I <sub>2</sub> H), G25 (I <sub>2</sub> L) and G31 (I <sub>3</sub> P)
<b>Radiant Tube Options:</b>	Commercial, Industrial, Poultry, Swine
<b>Certifications:</b>	CE, AU, RU, NZ

## OPTIONAL EQUIPMENT

<b>“U” or “L” Configurations:</b>	Available (RU, RE)
<b>Stainless Steel Upgrades:</b>	Available (SSRAO, SSFWAO, SSC, SSB)
<b>Indicator Lights:</b>	Standard
<b>Protective Guards:</b>	Available (PG)
<b>Side Shield Extensions:</b>	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 ga.
- 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

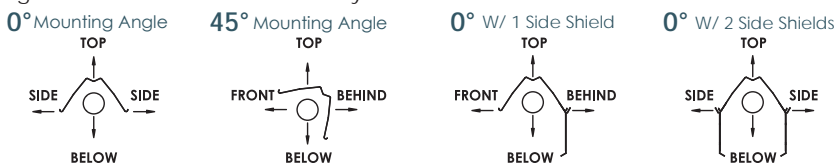
## KIT CONTENTS

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

## AVAILABLE EDX MODELS & CLEARANCES

MODEL #	GAS*	kW	LENGTH	WEIGHT	RECOMMENDED MOUNTING HEIGHTS**
EDX-20-50	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	14.7	6710 mm	54.5 kg	3050 - 4880 mm
EDX-20-75	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	22.0	6710 mm	54.5 kg	3355 - 5485 mm
EDX-20-100	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	29.3	6710 mm	54.5 kg	3960 - 6100 mm
EDX-30-50	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	14.7	9525 mm	72.5 kg	3050 - 4570 mm
EDX-30-75	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	22.0	9525 mm	72.5 kg	3355 - 4880 mm
EDX-30-100	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	29.3	9525 mm	72.5 kg	3660 - 5490 mm
EDX-30-125	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	36.6	9525 mm	72.5 kg	4570 - 7010 mm
EDX-40-50	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	14.7	12470 mm	86.0 kg	3050 - 4570 mm
EDX-40-75	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	22.0	12470 mm	86.0 kg	3355 - 4880 mm
EDX-40-100	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	29.3	12470 mm	86.0 kg	3660 - 5485 mm
EDX-40-125	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	36.6	12470 mm	86.0 kg	3960 - 6100 mm
EDX-40-150	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	44.0	12470 mm	86.0 kg	4570 - 7620 mm
EDX-40-170	I <sub>2</sub> H, I <sub>2</sub> L	50.0	12470 mm	86.0 kg	4880 - 8230 mm
EDX-50-100	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	29.3	15420 mm	106.5 kg	3960 - 6100 mm
EDX-50-125	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	36.6	15420 mm	106.5 kg	4570 - 7620 mm
EDX-50-150	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	44.0	15420 mm	106.5 kg	4570 - 8230 mm
EDX-50-170	I <sub>2</sub> H, I <sub>2</sub> L	50.0	15420 mm	106.5 kg	4880 - 9145 mm
EDX-50-188	I <sub>2</sub> H, I <sub>2</sub> L	55.0	15420 mm	106.5 kg	5180 - 10670 mm
EDX-50-204	I <sub>2</sub> H, I <sub>2</sub> L	60.0	15420 mm	106.5 kg	5180 - 10670 mm
EDX-60-125	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	36.6	18365 mm	120.0 kg	4570 - 8230 mm
EDX-60-150	I <sub>2</sub> H, I <sub>2</sub> L, I <sub>3</sub> P	44.0	18365 mm	120.0 kg	4880 - 9145 mm
EDX-60-170	I <sub>2</sub> H, I <sub>2</sub> L	50.0	18365 mm	120.0 kg	4880 - 9145 mm
EDX-60-188	I <sub>2</sub> H, I <sub>2</sub> L	55.0	18365 mm	120.0 kg	5180 - 10670 mm
EDX-60-204	I <sub>2</sub> H, I <sub>2</sub> L	60.0	18365 mm	120.0 kg	5180 - 10670 mm
EDX-70-170	I <sub>2</sub> H, I <sub>2</sub> L	50.0	21335 mm	136.0 kg	5790 - 12800 mm
EDX-70-188	I <sub>2</sub> H, I <sub>2</sub> L	55.0	21335 mm	136.0 kg	5790 - 12800 mm
EDX-70-204	I <sub>2</sub> H, I <sub>2</sub> L	60.0	21335 mm	136.0 kg	5790 - 12800 mm

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



DISTRIBUTED BY:



## EDX CLEARANCES TO COMBUSTIBLES (mm)

MODEL NO.	MOUNTING ANGLE	SIDE		TOP	BELOW	
		FRONT	BEHIND			
EDX (20,30,40) - 50	0°	230	230	150	1190	
	45°	990	200	250	1190	
	W/1 Side Shield	0°	740	200	150	1190
	W/2 Side Shields	0°	230	230	150	1190
6096mm from Burner		0°	180	180	150	760
EDX (20,30,40) - 75	0°	230	230	150	1520	
	45°	990	200	250	1520	
	W/1 Side Shield	0°	740	200	150	1520
	W/2 Side Shields	0°	230	230	150	1520
6096mm from Burner		0°	180	180	150	760
EDX (20,30,40,50) - 100	0°	360	360	150	1680	
	45°	990	200	200	1680	
	W/1 Side Shield	0°	740	200	150	1680
	W/2 Side Shields	0°	410	410	150	1680
6096mm from Burner		0°	180	180	150	760
EDX (30,40,50,60) - 125	0°	510	510	150	1930	
	45°	1470	200	200	1930	
	W/1 Side Shield	0°	1070	200	150	1930
	W/2 Side Shields	0°	510	510	150	1930
6096mm from Burner		0°	180	180	150	760
EDX (40,50,60) - 150	0°	610	610	150	2060	
	45°	1470	200	200	2060	
	W/1 Side Shield	0°	1070	200	150	2060
	W/2 Side Shields	0°	580	580	150	2060
6096mm from Burner		0°	280	280	150	1120
EDX (50,60,70) - 170, 175	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
EDX (50,60,70) - 188, 204	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

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