

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
- 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 | • | ● | |
| Optional Coated Aluminized Radiant Tubes | • | ● | |
| Spark Ignition | • | ● | |
| Flex Connector (610mm Stainless Steel) | • | ● | |
| Optional Ball Valve | • | ● | |
| Two-stage Technology | • | | |
| Enameled Control Box | • | ● | |
| Interlocking Swaged Tubes | • | ● | |
| Stainless Steel Upgrades Available | • | ● | |
| Operational Indicator Lights | • | ● | |
| 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
- Sales Brochures
- Installation Manuals
- C.A.D. Library
- Design Guidelines
- Theory of Infra-red
- And More!

EDX SERIES SPECIFICATIONS



PRODUCT SPECIFICATIONS

| | |
|------------------------------|---|
| Input Range: | 19.0 - 60.0 kW |
| Lengths: | 6710 - 21335mm |
| Gas Type: | Nat(G20-l2H), D-Nat(G25-l2L), LP(G31-l3P) |
| Radiant Tube Options: | Commercial, Industrial, Poultry, Swine |
| Certifications: | CE ^Δ , AU, RU, NZ, RS, IGA |

OPTIONAL EQUIPMENT (Part No.)

| | |
|-----------------------------------|------------------------------------|
| "U" or "L" Configurations: | Available (RU, RE) |
| Stainless Steel Upgrades: | Available (SSRAO, SSFAO, 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

FLUEING

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

GAS CONNECTION

- Brass ball valve (available)
- Flexible connector (available)

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

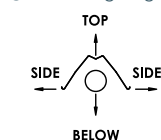
AVAILABLE EDX MODELS & CLEARANCES

| Model No. | Input kW | *Consumption M ³ | | | Length (mm) Straight/U-Tube | Weight (Kg) | **Rcmd. Mounting Heights (mm) |
|------------|----------|-----------------------------|------|------|--------------------------------|-------------|-------------------------------|
| | | G20 | G25 | G31 | | | |
| EDX-20-50 | 14.7 | 1.38 | 1.73 | 0.56 | 6710 / 3463 | 54.5 | 3050 - 4880 |
| EDX-30-50 | 14.7 | 1.38 | 1.73 | 0.56 | 9525 / 5385 | 72.5 | 3050 - 4570 |
| EDX-40-50 | 14.7 | 1.38 | 1.73 | 0.56 | 12470 / 6909 | 86.0 | 3050 - 4570 |
| EDX-20-75 | 22.0 | 2.07 | 2.59 | 0.83 | 6710 / 3963 | 54.5 | 3355 - 5485 |
| EDX-30-75 | 22.0 | 2.07 | 2.59 | 0.83 | 9525 / 5385 | 72.5 | 3355 - 4880 |
| EDX-40-75 | 22.0 | 2.07 | 2.59 | 0.83 | 12470 / 6909 | 86.0 | 3355 - 4880 |
| EDX-30-100 | 29.3 | 2.76 | 3.46 | 1.11 | 9525 / 5385 | 72.5 | 3660 - 5490 |
| EDX-40-100 | 29.3 | 2.76 | 3.46 | 1.11 | 12470 / 6909 | 86.0 | 3660 - 5485 |
| EDX-50-100 | 29.3 | 2.76 | 3.46 | 1.11 | 15420 / 8332 | 106.5 | 3960 - 6100 |
| EDX-40-125 | 36.6 | 3.44 | 4.32 | 1.38 | 12470 / 6909 | 86.0 | 3960 - 6100 |
| EDX-50-125 | 36.6 | 3.44 | 4.32 | 1.38 | 15420 / 8332 | 106.5 | 4570 - 7620 |
| EDX-60-125 | 36.6 | 3.44 | 4.32 | 1.38 | 18365 / 9856 | 120.0 | 4570 - 8230 |
| EDX-40-150 | 44.0 | 4.14 | 5.19 | 1.66 | 12470 / 6909 | 86.0 | 4570 - 7620 |
| EDX-50-150 | 44.0 | 4.14 | 5.19 | 1.66 | 15420 / 8332 | 106.5 | 4570 - 8230 |
| EDX-60-150 | 44.0 | 4.14 | 5.19 | 1.66 | 18365 / 9856 | 120.0 | 4880 - 9145 |
| EDX-40-170 | 50.0 | 4.71 | 5.90 | 1.89 | 12470 / 6909 | 86.0 | 4880 - 8230 |
| EDX-50-170 | 50.0 | 4.71 | 5.90 | 1.89 | 15420 / 8332 | 106.5 | 4880 - 9145 |
| EDX-60-170 | 50.0 | 4.71 | 5.90 | 1.89 | 18365 / 9856 | 120.0 | 4880 - 9145 |
| EDX-70-170 | 50.0 | 4.71 | 5.90 | 1.89 | 21335 / 11278 | 136.0 | 5790 - 12800 |
| EDX-50-188 | 55.0 | 5.18 | 6.49 | 2.08 | 15420 / 8332 | 106.5 | 5180 - 10670 |
| EDX-60-188 | 55.0 | 5.18 | 6.49 | 2.08 | 18365 / 9856 | 120.0 | 5180 - 10670 |
| EDX-70-188 | 55.0 | 5.18 | 6.49 | 2.08 | 21335 / 11278 | 136.0 | 5790 - 12800 |
| EDX-50-204 | 60.0 | 5.65 | 7.08 | 2.27 | 15420 / 8332 | 106.5 | 5180 - 10670 |
| EDX-60-204 | 60.0 | 5.65 | 7.08 | 2.27 | 18365 / 9856 | 120.0 | 5180 - 10670 |
| EDX-70-204 | 60.0 | 5.65 | 7.08 | 2.27 | 21335 / 11278 | 136.0 | 5790 - 12800 |

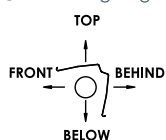
* Specify gas type. ** Recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.

Δ EDX 170-204 LP gas models are not CE approved for operation.

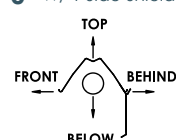
0° Mounting Angle



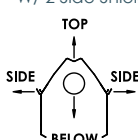
45° Mounting Angle



0° W/ 1 Side Shield



0° W/ 2 Side Shields



EDX CLEARANCES TO COMBUSTIBLES (mm)

| MODEL NO. | MOUNTING ANGLE | SIDE | | | |
|-------------------------------------|----------------|-------|--------|-----|-------|
| | | FRONT | BEHIND | TOP | BELOW |
| EDX-50 (14.7 kW) | 0° | 229 | 229 | 152 | 1194 |
| | 45° | 991 | 203 | 254 | 1194 |
| W/1 Side Shield | 0° | 737 | 203 | 152 | 1194 |
| W/2 Side Shields | 0° | 229 | 229 | 152 | 1194 |
| 6096mm from Burner | 0° | 178 | 178 | 152 | 762 |
| EDX-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 |
| EDX-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 |
| EDX-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 |
| EDX-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 |
| EDX-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 |
| EDX-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 |

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

DISTRIBUTED BY:

