



TYPE GUX EXPLOSION PROOF UNIT HEATERS

APPLICATIONS

Explosion proof unit heaters are designed to heat areas classified as hazardous locations designated as Class I, Group C & D or Class II, Groups E, F, and G, Divisions 1 & 2, with a T3B ignition temperature code rating (329°F, 165°C) to provide primary or supplementary heating for comfort or freeze protection.

Typical applications involve oil refineries, sewage treatment plants, petrochemical plants,

oil rigs, unattended pumping stations, chemical storage and handling facilities, paint storage areas, and countless other hazardous areas covered by these classifications.

CONTROLS — Prewired, self-contained control center. Standard controls include automatic reset thermal limit, a magnetic contactor, and 24 volt control circuit transformer.

HEAT EXCHANGER — Advanced design

allows lower operating temperatures from the liquid to air heat exchanger with steel tubes, aluminum fins, a non-toxic heat transfer fluid, and a pressure relief plug.

OPTIONAL CONTROLS — Includes a factory built-in thermostat, disconnect switch, fan selector switch, 120V control circuit, and pilot light.

HIGH LIMIT CUTOUPS — An manual reset high limit cutout unit is standard. (An additional automatic reset high limit cutout is available as an option.)

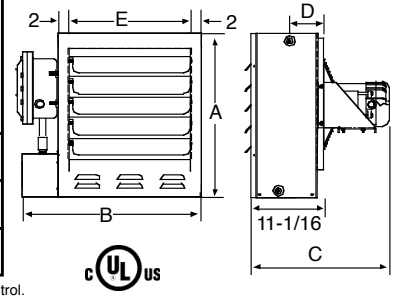
FAN & MOTOR — Ball bearing permanently lubricated explosion proof motor has built-in thermal overload protection.

CABINET — Powder coated heavy gauge steel cabinet surrounding a 14 gauge heavy-duty steel frame which supports internal components.

SELECTION CHART

| CATALOG NUMBER | HEATER VOLTS | WATTS (KW) | PHASE | CONTROL VOLTAGE* | OUTPUT BTU/HR. | TOTAL AMPS | VOLUME CFM | AIR TEMP RISE | THROW | WT. (Lb.) |
|----------------|--------------|------------|-------|------------------|----------------|------------|------------|---------------|--------|-----------|
| GUX300612 | 208 | 3 | 1 | 24 | 10,236 | 16.7 | 700 | 13°F | 28 ft. | 133 |
| GUX300632 | 208 | 3 | 3 | 24 | 10,236 | 9.7 | 700 | 13°F | 28 ft. | 133 |
| GUX300412 | 240 | 3 | 1 | 24 | 10,236 | 14.8 | 700 | 13°F | 28 ft. | 133 |
| GUX300432 | 240 | 3 | 3 | 24 | 10,236 | 8.6 | 700 | 13°F | 28 ft. | 133 |
| GUX3004832 | 480 | 3 | 3 | 24 | 10,236 | 4.3 | 700 | 13°F | 28 ft. | 133 |
| GUX300632 | 600 | 3 | 3 | 24 | 10,236 | 3.6 | 700 | 13°F | 28 ft. | 133 |
| GUX500612 | 208 | 5 | 1 | 24 | 17,060 | 26.3 | 700 | 22°F | 28 ft. | 133 |
| GUX500632 | 208 | 5 | 3 | 24 | 17,060 | 15.3 | 700 | 22°F | 28 ft. | 133 |
| GUX500412 | 240 | 5 | 1 | 24 | 17,060 | 33.6 | 700 | 22°F | 28 ft. | 133 |
| GUX500432 | 240 | 5 | 3 | 24 | 17,060 | 19.4 | 700 | 22°F | 28 ft. | 133 |
| GUX5004832 | 480 | 5 | 3 | 24 | 17,060 | 9.7 | 700 | 22°F | 28 ft. | 133 |
| GUX500632 | 600 | 5 | 3 | 24 | 17,060 | 8.1 | 700 | 22°F | 28 ft. | 133 |
| GUX750612 | 208 | 7.5 | 1 | 24 | 25,590 | 38.4 | 840 | 27°F | 28 ft. | 133 |
| GUX750632 | 208 | 7.5 | 3 | 24 | 25,590 | 22.2 | 840 | 27°F | 28 ft. | 133 |
| GUX750412 | 240 | 7.5 | 1 | 24 | 25,590 | 33.6 | 840 | 27°F | 28 ft. | 133 |
| GUX750432 | 240 | 7.5 | 3 | 24 | 25,590 | 19.4 | 840 | 27°F | 28 ft. | 133 |
| GUX7504832 | 480 | 7.5 | 3 | 24 | 25,590 | 9.7 | 840 | 27°F | 28 ft. | 133 |
| GUX750632 | 600 | 7.5 | 3 | 24 | 25,590 | 8.1 | 840 | 27°F | 28 ft. | 133 |
| GUX1000632 | 208 | 10 | 3 | 24 | 34,120 | 29.2 | 840 | 36°F | 32 ft. | 138 |
| GUX1000412 | 240 | 10 | 1 | 24 | 34,120 | 44.5 | 840 | 36°F | 32 ft. | 138 |
| GUX1000432 | 240 | 10 | 3 | 24 | 34,120 | 25.5 | 840 | 36°F | 32 ft. | 138 |
| GUX10004832 | 480 | 10 | 3 | 24 | 34,120 | 12.7 | 840 | 36°F | 32 ft. | 138 |
| GUX1000632 | 600 | 10 | 3 | 24 | 34,120 | 10.6 | 840 | 36°F | 32 ft. | 138 |
| GUX1500632 | 208 | 15 | 3 | 24 | 51,180 | 43.0 | 1450 | 31°F | 47 ft. | 158 |
| GUX1500432 | 240 | 15 | 3 | 24 | 51,180 | 37.5 | 1450 | 31°F | 47 ft. | 158 |
| GUX15004832 | 480 | 15 | 3 | 24 | 51,180 | 18.7 | 1450 | 31°F | 47 ft. | 158 |
| GUX1500632 | 600 | 15 | 3 | 24 | 51,180 | 15.7 | 1450 | 31°F | 47 ft. | 158 |
| GUX20004832 | 480 | 20 | 3 | 24 | 68,240 | 24.8 | 1400 | 43°F | 43 ft. | 169 |
| GUX2000632 | 600 | 20 | 3 | 24 | 68,240 | 20.7 | 1400 | 43°F | 43 ft. | 169 |
| GUX25004832 | 480 | 25 | 3 | 24 | 85,300 | 31.1 | 2330 | 32°F | 54 ft. | 214 |
| GUX2500632 | 600 | 25 | 3 | 24 | 85,300 | 25.8 | 2330 | 32°F | 54 ft. | 214 |
| GUX30004832 | 480 | 30 | 3 | 24 | 102,360 | 37.1 | 2330 | 39°F | 54 ft. | 214 |
| GUX3000632 | 600 | 30 | 3 | 24 | 102,360 | 30.2 | 2330 | 39°F | 54 ft. | 214 |

*Note: Above models have built-in 24 volt control. Optional 120 volt control is available. Replace the "2" suffix with "1" for 120 volt control.



DIMENSIONS

| UNIT SIZE | A | | B | | C | | D | | E | |
|-----------|--------|-----|--------|-----|--------|-----|---------|-----|--------|-----|
| | IN. | MM | IN. | MM | IN. | MM | IN. | MM | IN. | MM |
| 3-10KW | 19-1/8 | 486 | 23-7/8 | 606 | 21 | 533 | 3-1/5 | 89 | 13-5/8 | 346 |
| 15-20KW | 25 | 635 | 27-7/8 | 708 | 21 | 533 | 4-13/32 | 112 | 17-5/8 | 448 |
| 25-30KW | 32-1/8 | 816 | 31-7/8 | 810 | 21-3/4 | 552 | 5-1/2 | 140 | 21-5/8 | 549 |

ACCESSORIES

| CATALOG NUMBER | DESCRIPTION |
|----------------|---|
| GUXPM12 | Pole Mounting Bracket for units 3KW thru 10KW. |
| GUXPM16 | Pole Mounting Bracket for units 15KW thru 20KW. |
| GUXPM18 | Pole Mounting Bracket for units 25KW thru 30KW. |
| GUXWM12 | Wall Mounting Kit for units 3KW thru 10KW. |
| GUXWM16 | Wall Mounting Kit for units 15KW thru 20KW. |
| GUXWM18 | Wall Mounting Kit for units 25KW thru 30KW. |
| GUXCMO | Ceiling/Hang Mounting Kit for all Models. |

Specify type of mounting bracket required at time of order entry.