Forced Air Heaters Heavy Duty - GX

Application

Caloritech™ GX Forced Air Heater has been designed specifically for heavy duty use in industrial environments. This heater will reduce the downtime and maintenance costs normally experienced with heaters of standard design.

Specifically Designed for Application in Non-Hazardous Environments:
- Mine shafts
- Pulp and paper mills
- Hoist houses
- Welding shops
- Maintenance shops
- Sewage treatment plants
- Chemical plants
- Repair shops
- Wash down areas
- Weigh scale pits
- Elevator shafts
- High humidity areas
- Crane cabs

Standard GX Product Features

- CSA approved for horizontal and vertical air flow
- Automatic reset high-limit
- 15, 20, 25, 30, 40, 50 kW units
- 40 and 50 kW units incorporate split loads (50%) for remotely controlled energy management systems
- Factory-installed transformers, contactors, and thermostats where specified
- Individually adjustable louvres
- Factory-balanced aluminum fan blade
- Fan delay in “ON” and “OFF” cycles
- Full sized control panel with hinged removable door, constructed to EEMAC 12 standards
- “FAN ONLY” terminals for connection to remote switch
- 14-gauge steel cabinet
- Epoxy painted (ASA61 Grey) for superior resistance to corrosion
- 1/3 HP motor with sealed ball bearings and totally enclosed construction
- Ceiling mounting bracket supplied
- Motor mounted outside of the element bundle eliminating premature failure due to overheating and providing easy access for motor maintenance
- Elements are robust Caloritech™ type KX finned tubular sheathed type with epoxy sealed terminals to eliminate contamination from moisture and airborne impurities
Mounting Configurations

Figure 35 – Horizontal air flow wall mount

Figure 36 – Horizontal air flow ceiling mount

Figure 37 – Vertical air flow
### Table 23 – Specifications

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<th>kW</th>
<th>Btu/hr</th>
<th>Voltage</th>
<th>Phase</th>
<th>CFM</th>
<th>m³/min</th>
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**Note:**

1. Motor voltage and phase is same as heater supply.
2. Standard control voltage is 240V. A control transformer is included where required. Other control voltages are available (check factory).
3. 15, 20, 25, 30 kW units are pre-wired as one circuit. The split load feature (50%) is available as an option.
4. 40 and 50 kW units are pre-wired for split load (50%) control by customer unless specified otherwise.
5. All motors are 1/3 HP, totally enclosed ball bearing type, permanently lubricated, thermally protected.

### Optional Factory Installed Features

- Built-in thermostat 41°F to 100°F (5°C to 38°C)
- Disconnect switch with door interlock
- HRC main load fuses
- Fused control circuit
- Manual reset high limit
- “FAN ONLY” switch
- Low voltage relay for remote 24V thermostat
- Epoxy painted fan blade and motor
- Special wattages and voltages
- Special control voltages (standard is 240V)
- Available in special finishes
- Split load feature: 15, 20, 25, 30 kW units
- Nickel plated elements
- Alloy elements with brazed alloy fins
- EEMAC 4 construction
- Stainless steel cabinet

### Accessories For Field Installation

- FAT8A thermostat kit 41°F to 100°F (5°C to 38°C)
- WB1540 wall mount bracket (horizontal air flow)
- Air diffuser (vertical air flow)
- “FAN ONLY” switch and cover plate
- Remote thermostat available

### To Order Specify

- Quantity
- Catalog number
- Voltage
- Phase
- kW
- Optional features
- Accessories