

FCR Hazardous Area Convactor Heaters

Heavy duty folded steel construction and finned stainless steel elements give the FCR range an exceptionally long life. The FCR range is certified for use in hazardous areas where the atmosphere is classified as a Zone 1 or 2 (IIA, IIB, IIC) gas group.

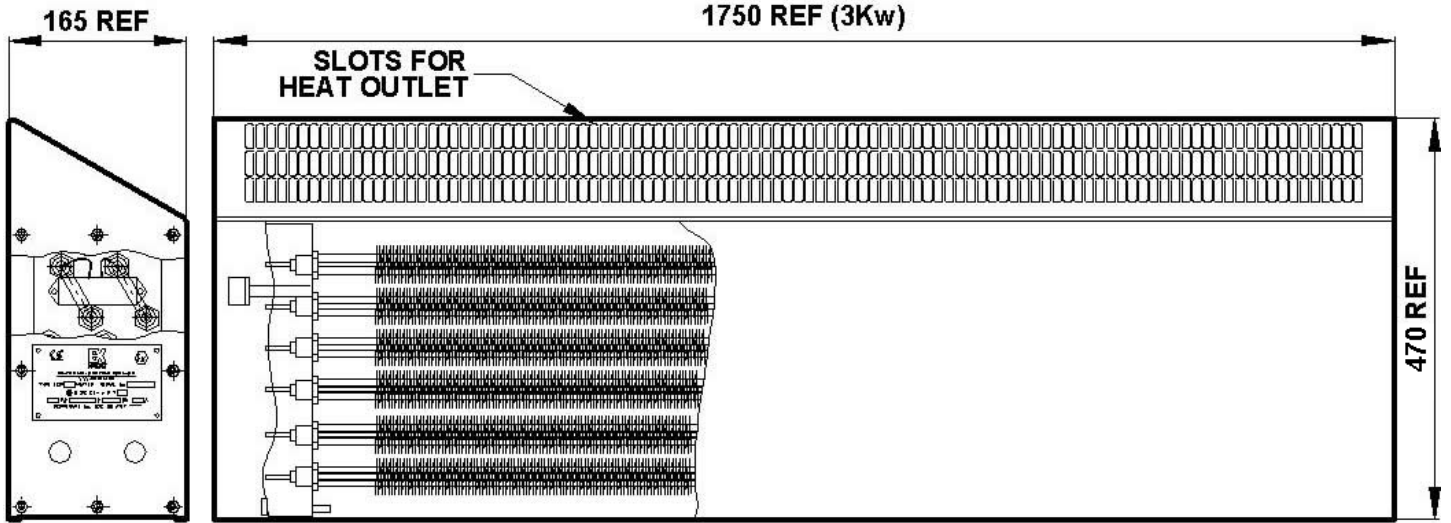


FEATURES

- Certified to meet the ATEX Equipment Directive and IECEx
- Certified weatherproof protected to IP67
- Small footprint, occupying less floor space
- Sloped top, preventing objects being placed on the grill
- Floor or wall mounting
- Integral terminal enclosure
- Suitable for ambient temperatures from -60°C to +40°C
- Incoloy 800 finned elements for long life
- Grey gloss, powder coated, sheet steel construction
- Optional built-in room temperature control thermostat
- 2 × M20 (temporary plugged) cable entry provided as standard

TYPICAL APPLICATIONS

- Aircraft hangars
- Fuel servicing areas
- Chemical plants
- Offshore installations
- Battery stores
- Gas installations
- Container heating
- Storage areas
- Frost protection



Certification

ATEX / IECEx Ex II 2 G
 Ex e IIC T2 to T3 Gb Zone 1 and 2
 CU TR (formerly GOST)

Enclosure

Heavy duty powder coated mild steel

Elements

Finned heating elements, comprising high quality 80/20 nickel chrome resistance wire, compacted in magnesium oxide insulating powder and encased in an Incoloy 800 sheath

Controls

If required, the heaters can be controlled from the EXHEAT range of remote mounted thermostats available for use in hazardous areas

Mounting

Wall or floor mounting via brackets / feet supplied

Voltage

1 phase: 110 to 120V and 230 to 254V
 3 phase: 380 to 440V, subject to design parameters

Rating

Standard heating ratings 1kW, 2kW and 3kW