



ELECTRIC AIR HEATERS, FUH RANGE

Descripción

The FUH range of flame proof electric unit air heaters offer a Hazardous Area, space heating solution, for large premises requiring high heating capacity. They are certified for use in Zone 1 and Zone 2 areas where the flammable atmosphere is a Group IIA, IIB or IIC Gas

Typical Applications

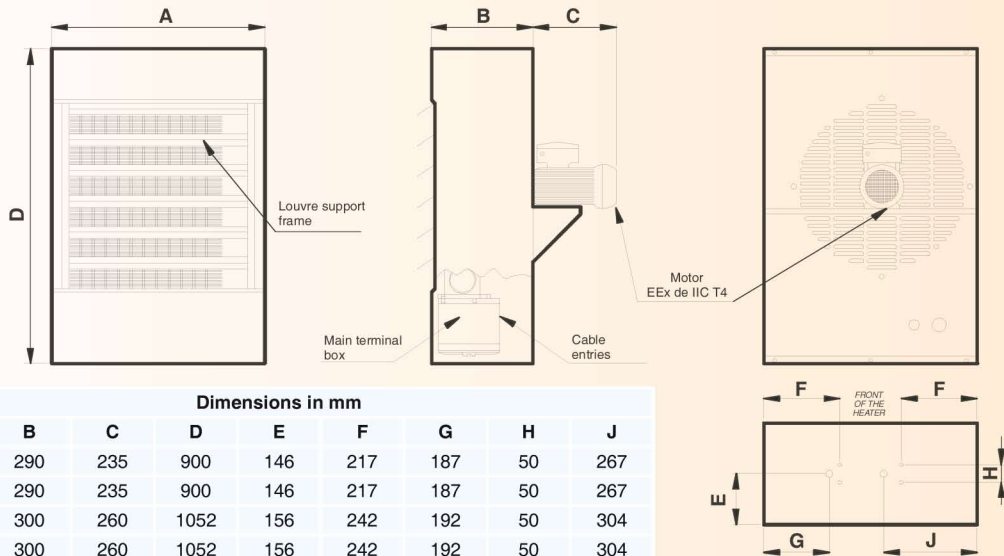
- Oil Refineries
- Petrochemical Plant
- Coal Mines
- Offshore Platforms
- Ammunition Stores
- Sewage Plants
- Paint Stores

General characteristics

- Efficient liquid to air heat exchanger
- Over-temperature protection
- Adjustable angle outlet louvers.
- Optional, integral room temperature control thermostat.
- **Certification:** Certificado ATEX EEx"d" IIC T3, según EN 50014 y EN 50018
- **Heating elements:** Rod type heating elements comprising 80/20 Nickel chrome resistance wire, compacted high purity Magnesium Oxide insulating powder and encased in Incoloy 825 metal sheath.
- **Controls:** Liquid temperature control thermostat. Liquid temperature, manual reset, safety thermostat. Optional: Return air temperature control thermostat
- **Voltage:** Heater and Motor - Standard 3 phase (4 wire) supplies, with possibility of connecting from 3N~380 V to 3N~480 V. In the attached picture the powers corresponding to the assigned voltages. Controls - Up to 240v single phase

Standard models

| Model | Heating power according to supply | | | | | Air flow (m³/h) | Weight in Kg |
|-------|-----------------------------------|----------|----------|----------|----------|-----------------|--------------|
| | 3N~380 V | 3N~400 V | 3N~415 V | 3N~440 V | 3N~480 V | | |
| FUH9 | 7 kW | 8,25 kW | 9 kW | 10 kW | 12 kW | 1188 | 120 |
| FUH12 | 10 kW | 11 kW | 12 kW | 13 kW | 16 kW | 2463 | 120 |
| FUH15 | 13 kW | 13,75 kW | 15 kW | 17 kW | 20 kW | 2463 | 145 |
| FUH20 | 17 kW | 18,4 kW | 20 kW | 23 kW | 27 kW | 5096 | 145 |
| FUH30 | 25 kW | 27,5 kW | 30 kW | -- | -- | 5096 | 145 |



| Model | Dimensions in mm | | | | | | | | |
|-------|------------------|-----|-----|------|-----|-----|-----|----|-----|
| | A | B | C | D | E | F | G | H | J |
| FUH9 | 610 | 290 | 235 | 900 | 146 | 217 | 187 | 50 | 267 |
| FUH12 | 610 | 290 | 235 | 900 | 146 | 217 | 187 | 50 | 267 |
| FUH15 | 760 | 300 | 260 | 1052 | 156 | 242 | 192 | 50 | 304 |
| FUH20 | 760 | 300 | 260 | 1052 | 156 | 242 | 192 | 50 | 304 |
| FUH30 | 760 | 300 | 260 | 1052 | 156 | 242 | 192 | 50 | 304 |

