FAW Hazardous Area Air Warmers

The FAW range offers a versatile, lightweight air warming solution for small work and storage areas, and is suitable for use with 1 phase or 3 phase power supplies up to 660 volts. The range can also be configured for use with DC power supplies.

This range is certified for use in hazardous areas where the atmosphere is classified as a Zone 1 or 2 (IIA, IIB, IIC) gas group. When space is limited, we offer our FAW-C compact range as an option.

FEATURES

- Certified to ATEX, IECEx, CU TR (EAC), KGS and CSA standards
- Temperature classes T2, T3, and T4 available
- Lightweight enclosure certified weatherproof to IP67
- Suitable for 1 phase or 3 phase (3 or 4 wire) or DC power supplies
- Suitable for horizontal floor or wall mounting
- A 20mm cable entry is provided as standard, additional entries can be provided as required
- Powder coated finish on standard design / 316L Stainless Steel on compact design
- Optional range of flameproof room thermostats can also be provided
- T3 / T4 units suitable for ambient temperatures from -60°C to +40°C and T2 units to +60°C

TYPICAL APPLICATIONS

- Aircraft hangars
- Battery stores
- Chemical plants
- Container heating
- Crane / forklift cabins
- Deluge cabinet heating
- Enclosures / cabinets
- Frost protection
- Fuel servicing areas
- Gas installations
- Motor enclosures
- Offshore installations
- Paint / solvent stores
- Safety equipment enclosure
- Safety showers
- Spray booths

Rev 1.3
### Hazardous Area Electric Heaters & Controls

**Model** | **T Class** | **Watts** | **Rating** | **Supports** | **Dimensions** | **Weight** |
---|---|---|---|---|---|---|
**Compact Range** | | | | | | |
FAW-C-250 | T2/T3 | 250 | 240 or 110 | 2 | 350 | 161 | 282 | 186 | 5 |
FAW-C-500 | T2/T3 | 500 | 240 or 110 | 2 | 350 | 161 | 282 | 186 | 6 |
FAW-C-750 | T2/T3 | 750 | 240 or 110 | 2 | 615 | 161 | 545 | 186 | 6 |
FAW-C-1000 | T2/T3 | 1000 | 240 or 110 | 2 | 615 | 161 | 545 | 186 | 9 |

**Standard Range** | | | | | | |
FAW250 | T2/T3 | 250 | 240/254 or 110 | 2 | 971 | 161 | 860 | 8 |
FAW500 | T2/T3 | 500 | 240/254 or 110 | 2 | 971 | 161 | 860 | 10 |
FAW750 | T2/T3 | 750 | 240/254/415/440 or 110 | 2 | 1221 | 161 | 1145 | 14 |
FAW1000 | T2/T3 | 1000 | 240/254/415/440 or 110 | 2 | 1741 | 161 | 1670 | 20 |
FAW2000 | T2/T3 | 2000 | 240/254 or 110 | 4 | 1741 | 272 | 1670 | 32 |
FAW2000-SB | T2/T3 | 2000 | 240/254/415/440 or 110 | 3 | 1221 | 272 | 1145 | 34 |
FAW2500 | T2/T3 | 2500 | 240/254 | 4 | 1741 | 272 | 1670 | 38 |
FAW3000 | T2/T3 | 3000 | 240/254/415/440 | 4 | 1741 | 272 | 1670 | 42 |
FAW250 | T4 | 250 | 240/254 | 3 | 1886 | 161 | 1784 | 13 |
FAW500 | T4 | 500 | 240/254 | 3 | 1886 | 161 | 1784 | 17 |
FAW750 | T4 | 750 | 240/254/415/440 | 3 | 1886 | 161 | 1784 | 21 |
FAW1000 | T4 | 1000 | 240/254 | 4 | 1886 | 272 | 1784 | 33 |
FAW1250 | T4 | 1250 | 240/254 | 4 | 1886 | 272 | 1784 | 38 |
FAW1500 | T4 | 1500 | 240/254/415/440 | 4 | 1886 | 272 | 1784 | 42 |

**Certification**
- ATEX/IECEx: II 2 G
- CSA: Class I, Division 2. Groups A, B, C, D. T Class T4, T3 or T2
- CU TR (EAC): 1EX e II T4...T2 Gb
- KGS certification available

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

**Enclosure**
Lightweight 304/316 stainless steel or powder coated mild steel

**Mounting**
Support feet are pre-drilled and suitable for floor mounting supplied as standard (wall mounting brackets available on request). The FAW-C compact design does not require separate brackets and can be wall mounted utilising the existing support feet. The heaters should be mounted horizontally with unrestricted air flow around the unit.

**Rating**
250W to 3kW

**Voltage**
1 phase: 110V to 120V and 220V to 254V
3 phase: 380V to 440V (max voltage 660V standard units and 550V compact units, subject to design parameters)

**Voltage tolerance:** +0/-10%

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