

'FLR' Flameproof Area Radiators

The EXHEAT 'FLR' range of liquid filled, electrically heated radiators has been specifically designed for providing heating in Zone 1 or 2 Hazardous Areas where airborne dust particles are of particular concern. Can be supplied complete with adjustable control thermostat.

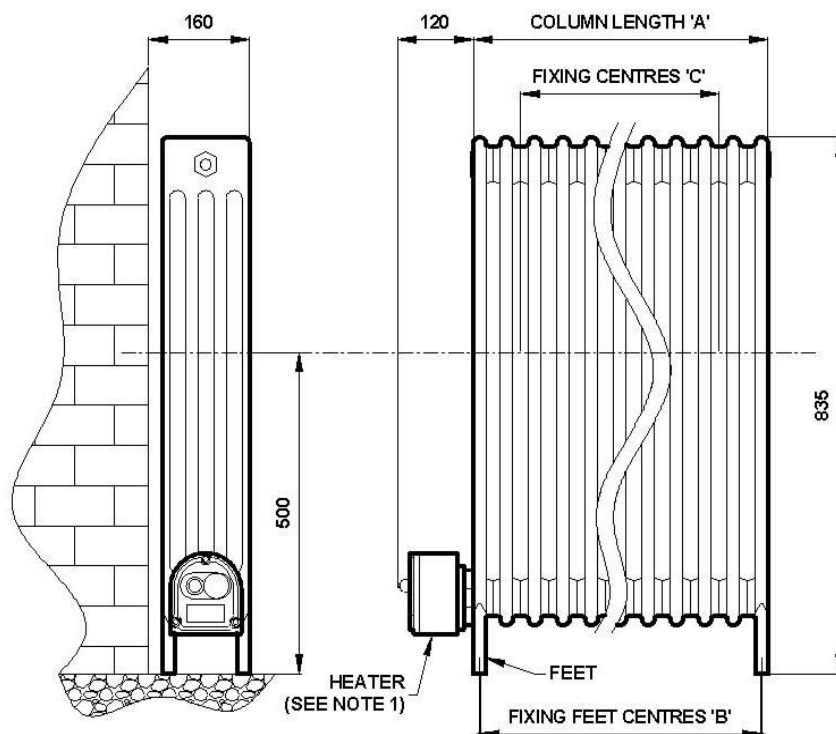
FEATURES

- Certified to meet the ATEX Directive 94/9/EC.
- Surface temperature limited to meet EN 563 safety requirements
- Integral preset surface temperature control thermostat
- Floor mounting
- Long life Incoloy 825 sheathed rod type element.
- Radiator filled with water/glycol mix
- Suitable for ambient temperatures between -20 °C to +40 °C.
- Robust construction.
- Certified weatherproof to IP66.
- Decorative, white powder coat finish.
- Manual reset over temperature cut-out fitted to ensure radiator surface temperature never exceeds 80 °C
- Optional externally adjustable control thermostat.

TYPICAL APPLICATIONS

- Ammunition depots
- Explosive stores
- Chemical plant warehouses
- Firework factories
- Sugar Refineries
- Laboratories





| Model | Rating KW | Dimensions (mm) | | | Weight (kg) |
|-------|-----------|-----------------|------|------|-------------|
| | | A | B | C | |
| FLR1 | 1 | 540 | 495 | 360 | 47 |
| FLR2 | 2 | 1080 | 1035 | 900 | 94 |
| FLR3 | 3 | 1620 | 1575 | 1440 | 140 |

- Certification** ATEX certified II 2 G /D Ex'd' IIC T6 Ex tD A21 IP6X T85°C EN60079-0, EN60079-1, EN61241-0 + EN61241-1
- Enclosure** Lightweight cast aluminum finished in orange.
- Radiator** Lightweight, pressed steel with white powder coated finish.
- Element** Rod type, comprising high quality 80/20 Nickel Chromium resistance wire, compacted in Magnesium Oxide insulating powder and encased in corrosion resistant Incoloy 825 metal sheath.
- Controls** Preset radiator surface temperature control thermostat and manual reset, safety, temperature limiter. Optional externally adjustable control thermostat.
- Mounting** Floor standing, with welded-on feet and wall retention brackets.
- Rating** Standard heater ratings 1kW, 2kW and 3kW.
- Voltage** Standard 240v single phase. Other single phase supplies