

## FLR Flameproof Liquid Filled Radiators

The FLR range of liquid filled electrically heated radiators comes complete with an externally adjustable control thermostat, and is certified for use in hazardous areas where the atmosphere is classified as a Zone 1 or 2 (IIA, IIB, IIC) gas group, or a Zone 21 or 22 (IIIA, IIIB, IIIC) dust group.

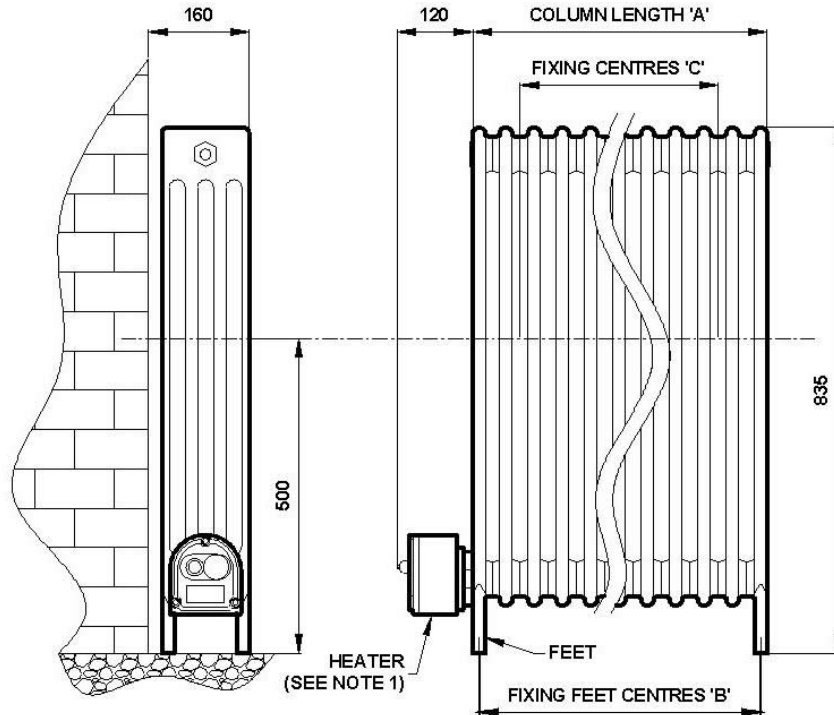
### FEATURES

- Certified to ATEX, CU TR (EAC)
- Low surface temperature
- Certified weatherproof protected to IP6X
- Integral preset surface temperature control thermostat
- Floor mounting
- Radiator filled with water/glycol mix
- Suitable for ambient temperatures from -20°C to +40°C
- Robust construction
- Manual reset over-temperature cut-out fitted to ensure radiator surface temperature never exceeds 80°C
- Optional externally adjustable control thermostat
- 2 × 25mm (plugged) cable entry provided as standard

### TYPICAL APPLICATIONS


- Ammunition depots
- Chemical plant warehouses
- Dusty environments
- Explosive stores
- Firework factories
- Laboratories
- Sugar refineries





Model	Stock Code	Rating kW	Dimensions			Weight (kg)
			A (w)	B (leg width)	C (h)	
FLR1	S63030001	1	580	510	835	47
FLR2	S63030002	2	1130	1060	835	94
FLR3	S63030003	3	1680	1610	835	140
Design includes an externally adjustable thermostat 0-40°C						
FLR1A	S63040001	1	580	510	835	47
FLR2A	S63040002	2	1130	1060	835	94
FLR3A	S63040003	3	1680	1610	835	140

**Certification**

**ATEX**  II 2 G/D  
 Ex d IIC T6 Gb (Gas) suitable for Zones 1 and 2  
 Ex t IIIC T85°C Db (Dust) suitable for Zones 21 and 22

**CU TR (EAC)**  
 1Ex db IIC T6 Gb X  
 Ex tb IIIC T85°C Db X

**Enclosure**

Cast aluminium finished in orange/grey

**Radiator**

Pressed steel with white powder coated finish to RAL 9016

**Element**

Long life 321 stainless steel rod-type, comprising high quality 80/20 nickel chrome resistance wire, compacted in magnesium oxide insulating powder

**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**

**1 phase:** 230 to 240V  
**Voltage tolerance:** +0/-10%