FWD Flameproof Air Warmers

The FWD range of air warmers is designed for use in small work or storage areas, and are 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.
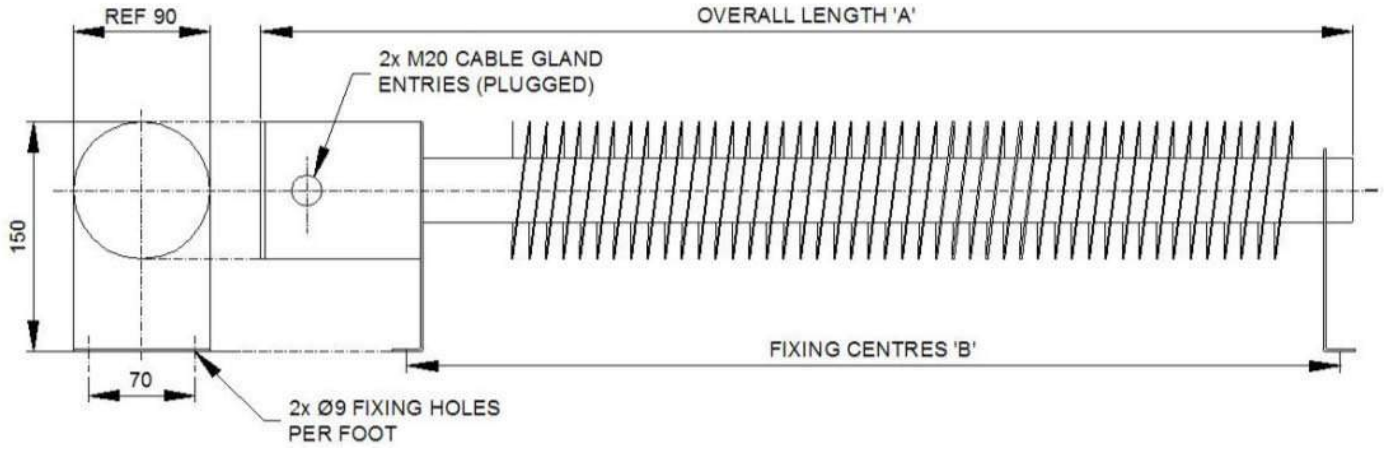
FEATURES

Certified to meet the ATEX Equipment Directive and IECEx

Fabricated carbon steel enclosure weatherproof to IP66

Temperature classes T2, T3 and T4 available

Suitable for floor or wall mounting

2 × 20mm (plugged) cable entries provided as standard

Corrosion resistant powder coated finish

Suitable for ambient temperatures from -60ºC to +60ºC (subject to conditions to be discussed with sales engineer)

Individually replaceable heating elements

TYPICAL APPLICATIONS

Aircraft hangar service bays

Fuel servicing areas

Chemical plants

Offshore installations

Battery stores

Gas installations

Containers

Explosive stores

Paint / solvent stores

Dusty environments

Sugar refineries

Firework factories

Ammunition depots

Model	T Class	Watts Rating	Dimensions		Weight (kg)
			A	B	
FWD-500-T3	3	500	800	670	9
FWD-1000-T3	3	1000	1300	1170	12
FWD-1500-T3	3	1500	1900	1770	17
FWD-2000-T3	3	2000	2450	2320	20
FWD-500-T4	4	500	1300	1170	12
FWD-750-T4	4	750	1900	1770	17
FWD-1000-T4	4	1000	2450	2320	20

Certification	ATEX / IECEx ⟨Ex⟩ II 2 G/D
	Ex d IIC T2 to T4 Gb suitable for Zones 1 and 2
	Ex t IIIC T300 to T135°C Db suitable for Zones 21 and 22
	CU TR (formerly GOST), KGS (Korea) certified
Rating	500W to 2kW
Enclosure	Mild steel powder coated orange / grey, stainless steel option available to special order
Controls	If required, the heaters can be controlled from the EXHEAT range of remote mounted thermostats available for use in hazardous areas
Mounting	Pre-drilled support feet supplied as standard; heaters should be mounted horizontally with unrestricted air flow around the unit
Voltage	1 phase: 110 to 120V and 230 to 254V
	3 phase: 380 to 440V, subject to design parameters