



SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS17ATEX101743X Issue 00

13. Description of Equipment or Protective System

The MFH Portable Fan Heater is to be used to raise the temperature within a room or local area, by operating at its rated voltage and duty when required (See Table 1 for operating ratings).

The MFH portable fan heater consists of a polymer outer housing, manufactured from either Durafide 2130A1 PPS 30% or Latishield 66-08A G/25-VOKB1, which protects a motor with impeller, flameproof enclosure, increased safety enclosure and electric heater elements. The overall dimensions of the fan casing are no greater than 550 x 500 x 500mm. The Impellers are built up with an epoxy coated cast aluminium hub with Latishield 66-08A G/25-VOKB1 PA66 blades.

Certified Finned tubular type heating elements are positioned in the air flow and are energised only when the motor is in operation.

The MFH portable fan heater is electrically rated up to 6000W, 690VAC, 4 Wire Poly-phase & 277VAC 2 Wire Single Phase and up to 32A max for the range. The equipment has a balance grade of BV3 and is designed to operate in an ambient temperature range of -40°C to +40°C.

MFH Portable Fan Heater Range				
The Heater Range	Temperature Classification			
	T4		T3	
	Voltage	Duty	Voltage	Duty
110	2.5kW	220	5.5kW	
220	2.75kW	240		
240		380		
380		415		
415		480		
480	3kW	230	6kW	
120		254		
230		277		
254		400		
277		440		
400	3.7kW	600		
440		690		
600	Performance Data	50 Hz		60 Hz
690		Air Flow	1050 m ² /hr	1260 m ² /hr
		Face Air Velocity	3.6 m/s	4.3 m/s
		Fan Speed	1380 rpm	1460 rpm
		Motor Rating	0.09 kW	0.09 kW

