

## FEATURES

Robust stainless steel housing suitable for onshore and offshore usage, including offshore marine installations, gas installations, aircraft hangars, munition stores, spray shops, battery stores, fuel servicing areas, portable washdown heaters and many more.

Up to 20kW (40kW with EXHEAT Advanced Controls) of thermal power can be directed to heat areas within a larger room, or warm a mid-sized room to a comfortable operating temperature.

Suitable for ambient temperatures as low as -40°C and up to +40°C.

Available in T3 and T4 temperature classes.

# LFH Fixed Fan Heater



EXHEAT Industrial's LFH Fixed Fan Heater combines superior efficiency with simple functionality to provide a next-generation heating solution for use in hazardous environments where the atmosphere is classified as Zone 1/2 (IIB+H2).

Certified to the new EN 80079-36 and EN 80079-37 standards for constructional safety, the LFH comes ready to 'plug and play', with the option of fitting a plug, or hard wiring to an isolator unit.

Incorporating a stainless steel casing for added toughness and durability, the LFH is designed to operate in ambient temperatures of -40°C to +40°C, and uses a framework allowing for multiple mounting options on floors, walls, and even ceilings.

### Certification

#### ATEX

⊕ II 2 G/D Ex h  
Ex db eb IIB+H2 T3 to T4 Gb  
Ex tb IIIC T200 to T135°C Db

#### IECEx

Ex db eb h IIB+H2 T3 to T4 Gb  
Ex tb IIIC T200 to T135°C Db

### Main Materials

**Casing:** Stainless steel  
**Impeller:** PA66  
**Element:** Finned stainless steel tubular elements  
**Ex e Enclosure:** Stainless steel  
**Ex d Enclosure:** Anodised extruded aluminium

### Dimensions

**LFH:** Length 540mm, Width 600mm, Height 600mm  
**XLFH:** Length 690mm, Width 720mm, Height 680mm

### Mounting

Floor, wall, or ceiling mounting options available as standard

### Voltage

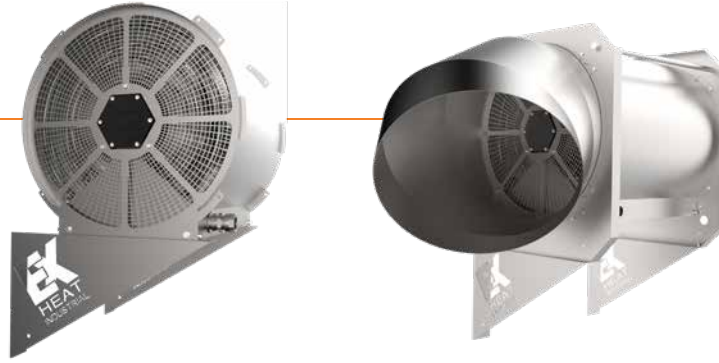
Three Phase, 380V to 690V, 50 / 60Hz

## CONTACT US

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Threxton House  
Threxton Road Industrial Estate  
Watton, Norfolk, IP25 6NG, UK

Performance Data	At 50Hz		At 60Hz	
	LFH	XLFH	LFH	XLFH
Air Velocity m/s (average)	5.5	6	6.6	7.2
Volumetric Flow Rate (m³/hr)	1950	3050	2340	3660
Fan Speed (min⁻¹)	1380	1380	1460	1460
Motor Rating (kW)	0.55	1.1	0.55	1.1
Sound Pressure (dBA)	78	83	80	85



Model	Voltage (V)	Duty (kW)	Maximum Current (A) <sup>2</sup>	Air Delta T (°C/°F) <sup>3</sup>
<b>LFH - T4</b>	440	9	13	26 / 47
	415	8	12	23 / 41
	400	7.5	12	22 / 40
	380	6.5	10	19 / 34
	230 (3Ph)	7.5	12	22 / 40
	Up to 690 <sup>1</sup>	Up to 9	Based on Voltage	Up to 26 / 47
<b>LFH - T3</b>	440	15	21	38 / 68
	415	13.5	20	34 / 61
	400	12.5	19	32 / 58
	380	11	18	28 / 50
	230 (3Ph)	12.5	33	32 / 58
	Up to 690 <sup>1</sup>	Up to 15	Based on Voltage	Up to 38 / 68
<b>LFH - T2</b>	Up to 690	24	Up to 38	TBC
<b>LFH-C</b> with Advanced Controls	Up to 690	24	38	TBC

Model	Voltage (V)	Duty (kW)	Maximum Current (A) <sup>2</sup>	Air Delta T (°C/°F) <sup>3</sup>
<b>XLFH-T4</b>	440	14.5	20	32 / 58
	415	13	19	29 / 52
	400	12	18	26 / 47
	380	11	17	24 / 43
	230 (3Ph)	12	32	26 / 47
	Up to 690 <sup>1</sup>	Up to 14.5	Based on Voltage	Up to 37 / 64
<b>XLFH-T3</b>	440	24	32	46 / 82
	415	21.5	31	41 / 74
	400	20	30	38 / 68
	380	18	28	34 / 61
	230 (3Ph)	20	55	38 / 68
	Up to 690 <sup>1</sup>	Up to 24	Based on Voltage	Up to 46 / 82
<b>XLFH-T2</b>	Up to 690	40	Up to 63	TBC
<b>XLFH-C</b> with Advanced Controls	Up to 690	40	63	TBC

1. LFH and XLFH fan heaters are also available in 480V, 600V and 690V options.
2. Maximum currents include motor inrush.
3. Air Delta T values taken at outlet.