

# Signal and Alarm: Exhaust Fan, EHF Series



**Flameproof  
Zone 1 & 2 - 21 & 22**

## Specification

Motor housing : Cast aluminium with polyester powder coated  
Fan's blade : Polished aluminium  
Frame, Guard, Bracket : Stainless steel



## Technical Data

Hazardous Area	Gas	Dust
Zones	<b>1 &amp; 2</b>	<b>21 &amp; 22</b>
Conforming to ATEX	<b>II 2G</b>	<b>II 2D</b>
Symbol of Protection ATEX	<b>Ex db IIC Gb</b>	<b>Ex tb IIIC Db</b>
Symbol of Protection IEC		
ATEX Certificate	EUM1 10 ATEX 0350 (ELPROM motor)	
T Rating	T5 (Ta 40 °C) T4 (Ta 50 °C)	NA
Surface Temp.	NA	T90°C (Ta 40 °C) T125°C (Ta 50 °C)
Standard	ATEX Directive 94/9/EC, std. EN 60079-0:2009, EN 60079-1:2007, EN 61241-1:2004	
Ambient Temperature	-20 °C to +50 °C	
Index of Protection	IP66	
Entries	2- M20x1.5	
Mounting	Wall type	

## Catalogue Number and Dimension

Cat. No.		Blade Diameter	CFM	Dimension in mm.				Approx. Weight (kgs.)
220V.AC. 50Hz.	380V.AC. 50Hz.			A	B	Ø C	D	
<b>EHF 112</b>	<b>EHF 312</b>	12 inches	900	410	410	Ø 315	203	23.0
<b>EHF 116</b>	<b>EHF 316</b>	16 inches	2100	510	510	Ø 400	203	25.0
<b>EHF 118</b>	<b>EHF 318</b>	18 inches	3000	560	560	Ø 460	203	26.0
<b>EHF 124</b>	<b>EHF 324</b>	24 inches	4500	710	710	Ø 615	203	36.0

