

BOX RLF 630 T4 4kW (241670186)

GENERAL DATA



BACKWARD CURVED CENTRIFUGAL FAN IN SOUNDPROOF CABINET 400°C/2H

MANUFACTURING FEATURES

- Box manufactured in galvanised steel sheet.
- Circular inlet flange.
- Backward impeller with self-cleaning system, direct coupling motor.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class H insulation type 400°C/2h .
- Manufactured with standard voltages: 400V(Y) 50Hz in three phase motors up to 3kW and 400V(D) 50Hz for higher powers and 400V for 2 speed motors.
- Exchangeable pannels
- Open drive.

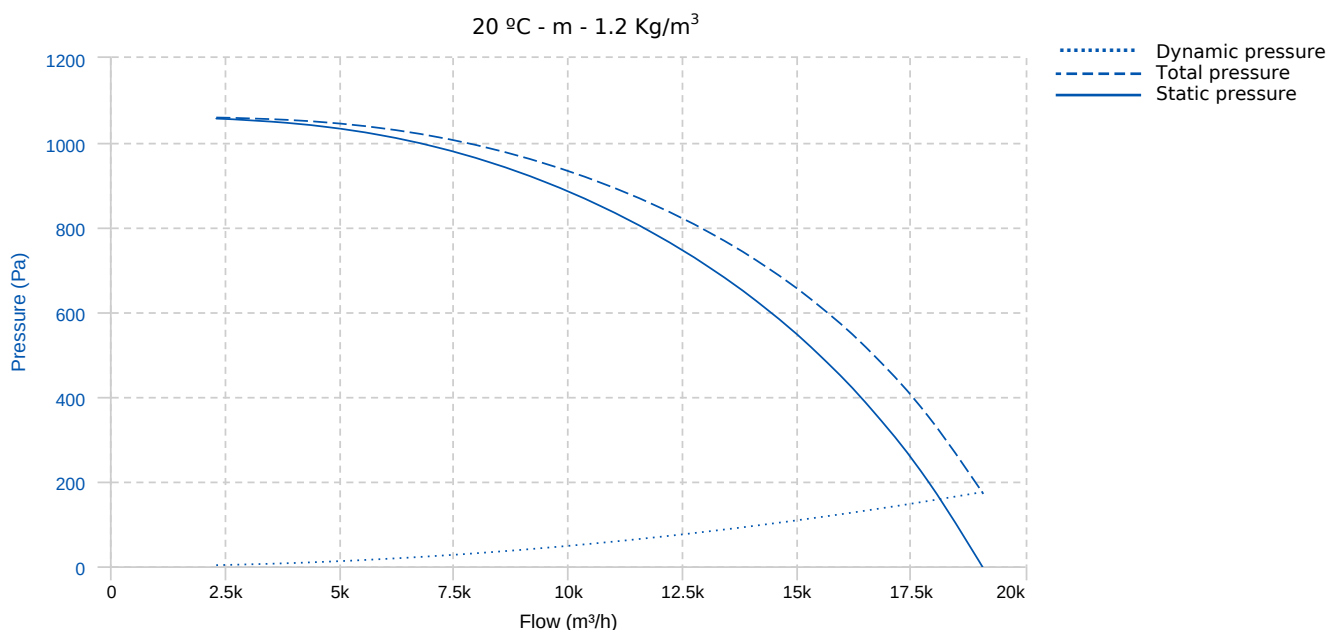
APPLICATIONS

Designed for inline installation, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: 60°C.
- Removing smoke in case of fire. The motor inside the hazardous area (400 ° C / 2 h)

Official homologation by the European laboratory APPLUS according to EN 12101-3:2015
Certification Nr: 0370-CPR-0582

PERFORMANCE CURVE

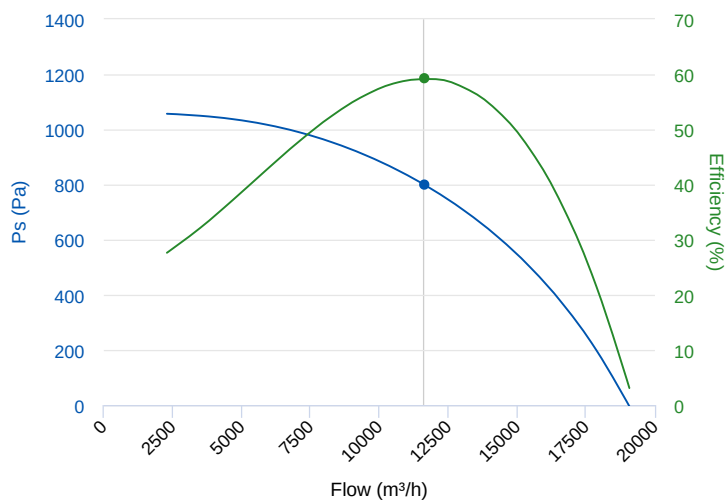


TECHNICAL DATA

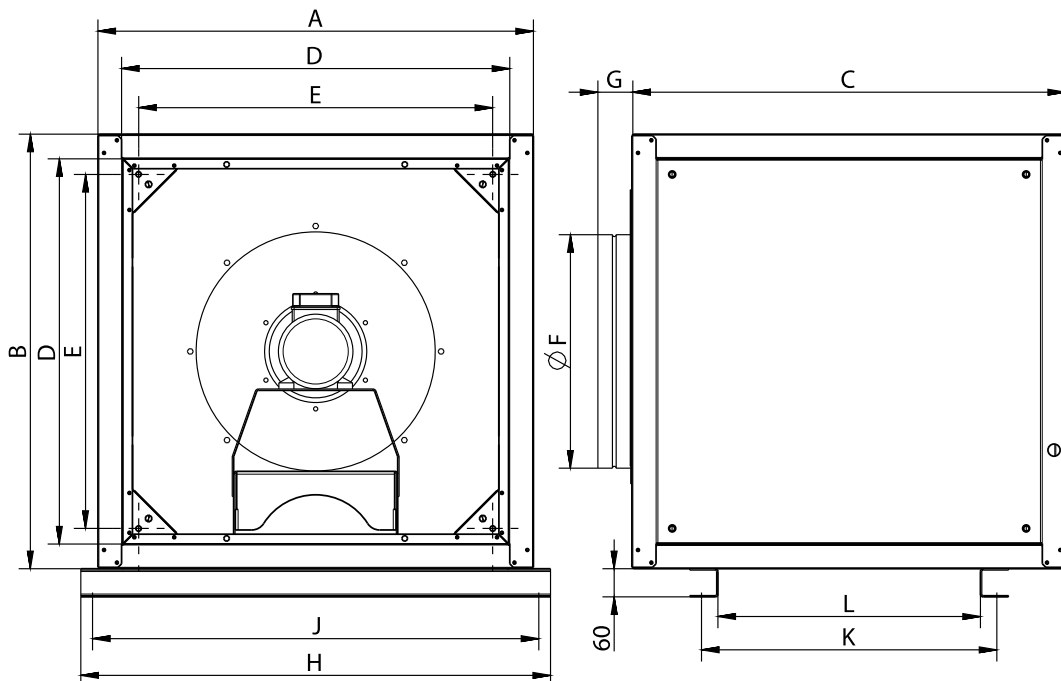
Fan							
RPM	1460	Approx. weight	198 kg	Max. Flow	19080 m³/h		
Motor							
Power	4 kW	RPM	1460	I max. (400V)	'8,1 A	Size	112
Approx. weight	56 kg	Efficiency (%)	88.6 %	FP	0.82		

ERP DATA

Fan data sheet		
Fan type	Unit for non-residential ventilation (LOT 6)	
Typology	Unidirectional	
reports.other	None	
Type of driver	None	
Motor power (kW)	4	
	Fan values	ERP Requirements 2018
Max. efficiency (%)	59.19	51.49
Effic. Heat recovery (%)	-	
Pabs (kW)	4.624	
Flow (m³/h)	11637.73	
Static pressure (Pa)	799.29	
Speed (m/s)	10.44	
SFP (W/m³/s)	1430.29	

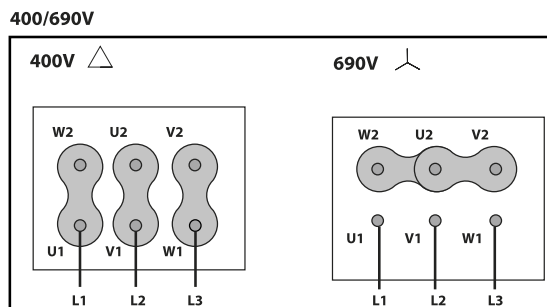


DIMENSIONS



Dimensions (mm)									
A	1000	B	1000	C	1000	D	892	E	828
G	74	H	1203	J	1153	K	828	L	758
ØF	628								

WIRING DIAGRAM



ACCESSORIES



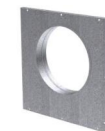
SAFETY SWITCH
INT 25 3P A
REF: INT253PA



ANTI-VIBRATING FLANGE 400°/2H
BA-400 63
REF: 960002057



ANTI-VIBRATION JOINT
JE 45
REF: A-300719201



INLET/OUTLET ROUND COVER
TIAC 63
REF: 960001963



CIRCULAR SILENCER
SIL-C 630/630
REF: 960063063



CIRCULAR SILENCER
SIL-C 630/945
REF: 960063945



CIRCULAR SILENCER
SIL-C 630/1260
REF: 960063126



CIRCULAR SILENCER
SIL-CN 630/630
REF: 961063063



CIRCULAR SILENCER
SIL-CN 630/945
REF: 961063945



CIRCULAR SILENCER
SIL-CN 630/1260
REF: 961063126

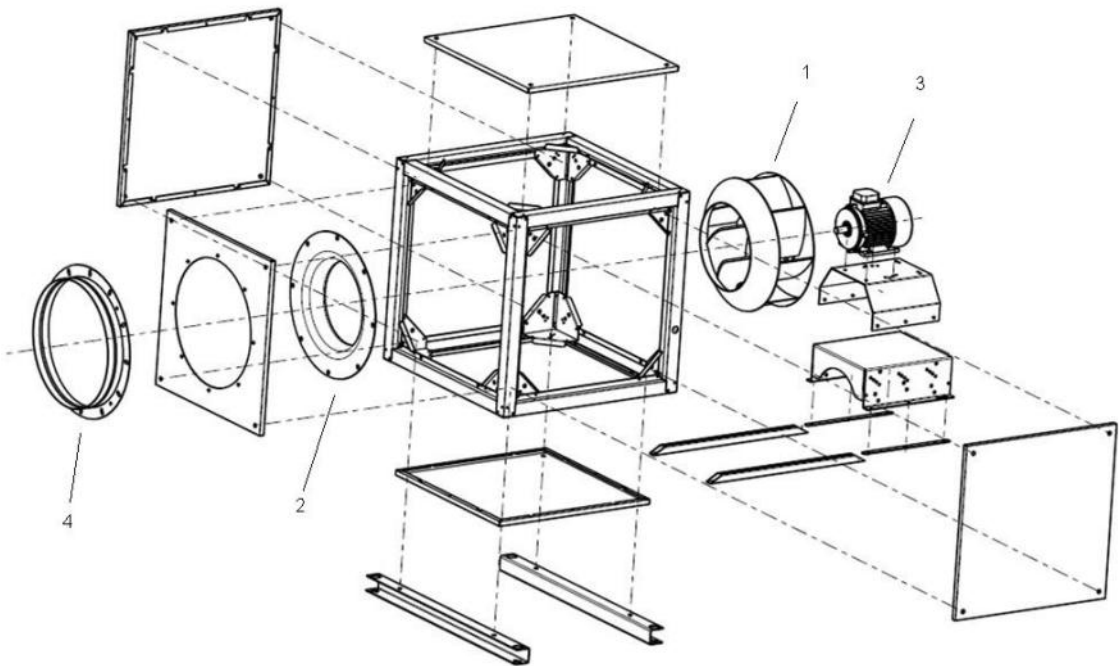


SAFETY SWITCH FOR 400°C/2h
INT 400 25A 3P
REF: 508902501



FREQUENCY SPEED CONTROLLER
SFC 400 III 12A *
REF: SFC400III12

SPARE PARTS



	Code	Model	Qty
3	721881174	MOTOR 4KW T4 B3 400G	x1
4	960003216	FLANGE AC-630	x1