

BOX RLF 450 T6 0,55kW (241470186)

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.

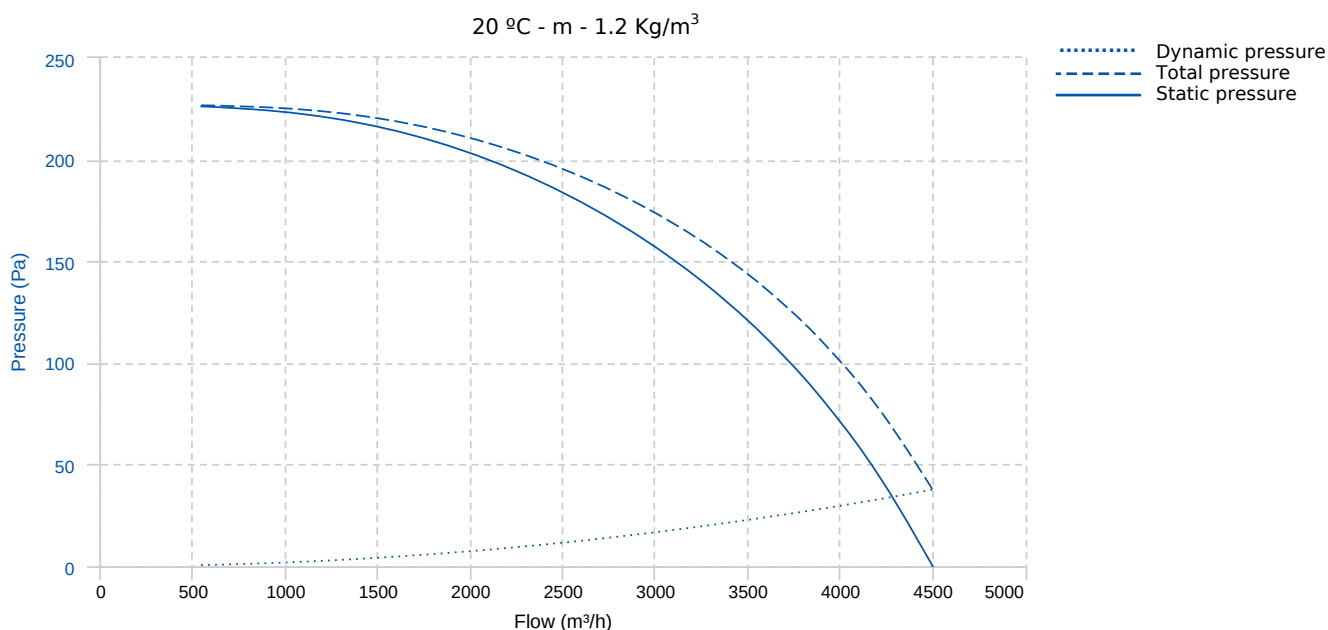
APPLICATIONS

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

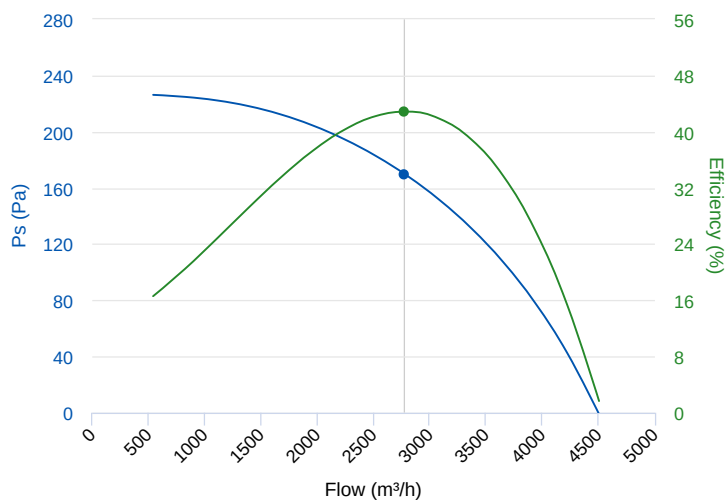


TECHNICAL DATA

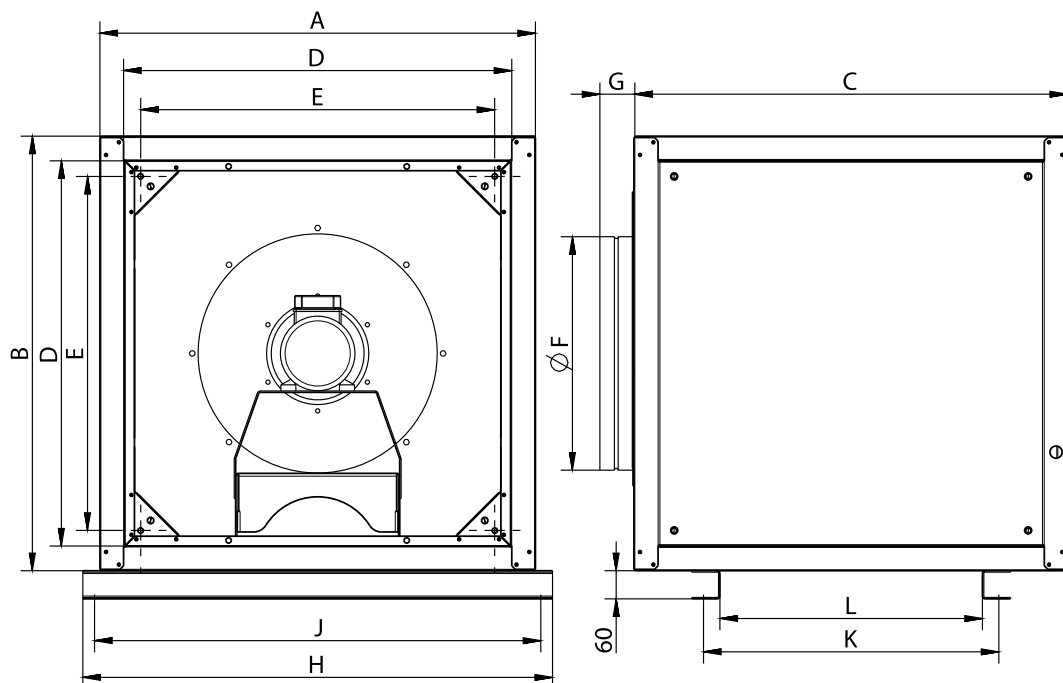
Fan							
RPM	910	Approx. weight	141 kg	Max. Flow	4510 m³/h		
Motor							
Power	0,55 kW	RPM	910	I max. (400V)	1,49 A	Size	80
Approx. weight	14 kg	Efficiency (%)	71 %	FP	0.75		

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)	0.55	
	Fan values	ERP Requirements 2018
Max. efficiency (%)	42.86	34.94
Effic. Heat recovery (%)	-	
Pabs (kW)	0.32	
Flow (m³/h)	2778.1	
Static pressure (Pa)	169.79	
Speed (m/s)	4.9	
SFP (W/m³/s)	414.86	



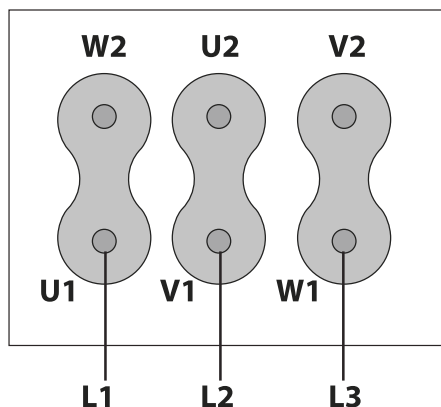
DIMENSIONS



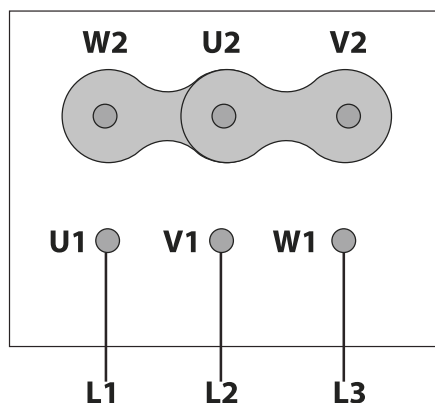
Dimensions (mm)									
A	800	B	800	C	800	D	696	E	628,5
G	74	H	1002	J	952	K	628,5	L	558,5
ØF	448								

WIRING DIAGRAM

230V 



400V 



ACCESSORIES



SAFETY SWITCH
INT 25 3P A
REF: INT253PA



ANTI-VIBRATION JOINT
JE 45
REF: A-300719201



CIRCULAR SILENCER
SIL-C 450/450
REF: 960045045



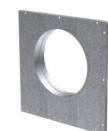
CIRCULAR SILENCER
SIL-C 450/900
REF: 960045090



CIRCULAR SILENCER
SIL-CN 450/ 675
REF: 961045675



ANTI-VIBRATING FLANGE 400°/2H
BA-400 45
REF: 960002055



INLET/OUTLET ROUND COVER
TIAC 45
REF: 960001945



CIRCULAR SILENCER
SIL-C 450/ 675
REF: 960045675



CIRCULAR SILENCER
SIL-CN 450/450
REF: 961045045

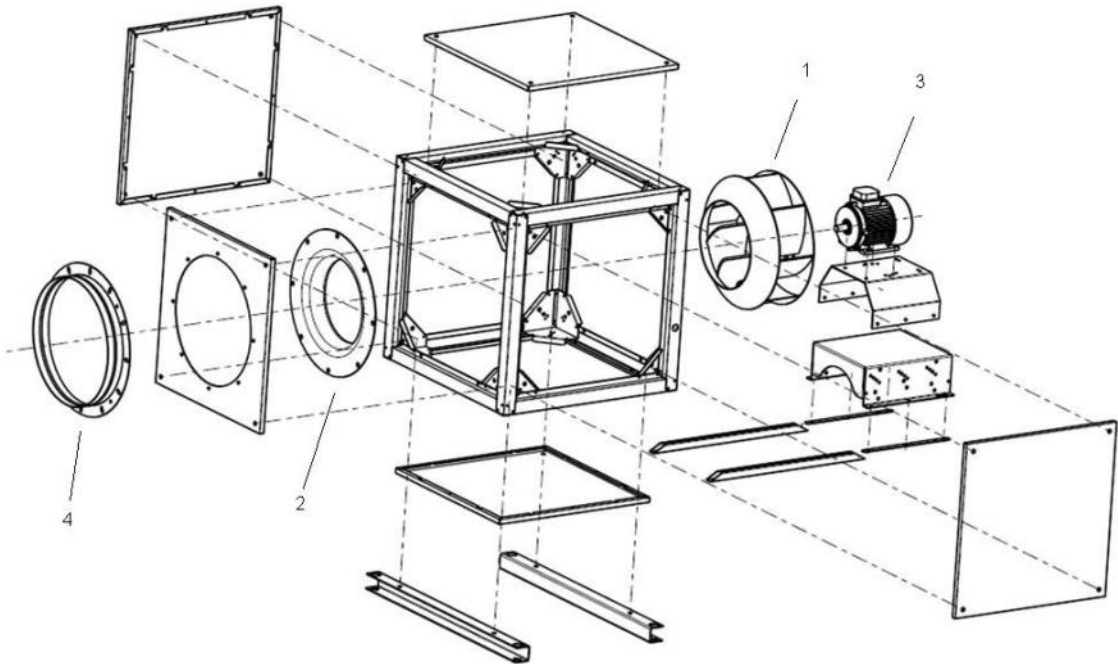


SAFETY SWITCH FOR 400°C/2h
INT 400 25A 3P
REF: 508902501



FREQUENCY SPEED CONTROLLER
SFC 400 III 2,2A *
REF: SFC400III2

SPARE PARTS



	Code	Model	Qty
3	721881237	MOTOR 0,55KW T6 B3 400G	x1
4	960003213	FLANGE AC-450	x1