

CTH3 560 T4 3kW F400 (279560106)

GENERAL DATA



ROOF FAN, ABS COWL 400°C/2h

MANUFACTURING FEATURES

- Roof cowl made of ABS
 - Structure, roof base support and bird protection guard made of galvanised steel.
 - High efficiency backward impeller with self-cleaning system of steel.
 - Standard asynchronous motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors, 230/400V 50Hz in three phase motors and 400V 50Hz in 2 speed motors.

APPLICATIONS

Specially designed for roof installation, they are suitable for:

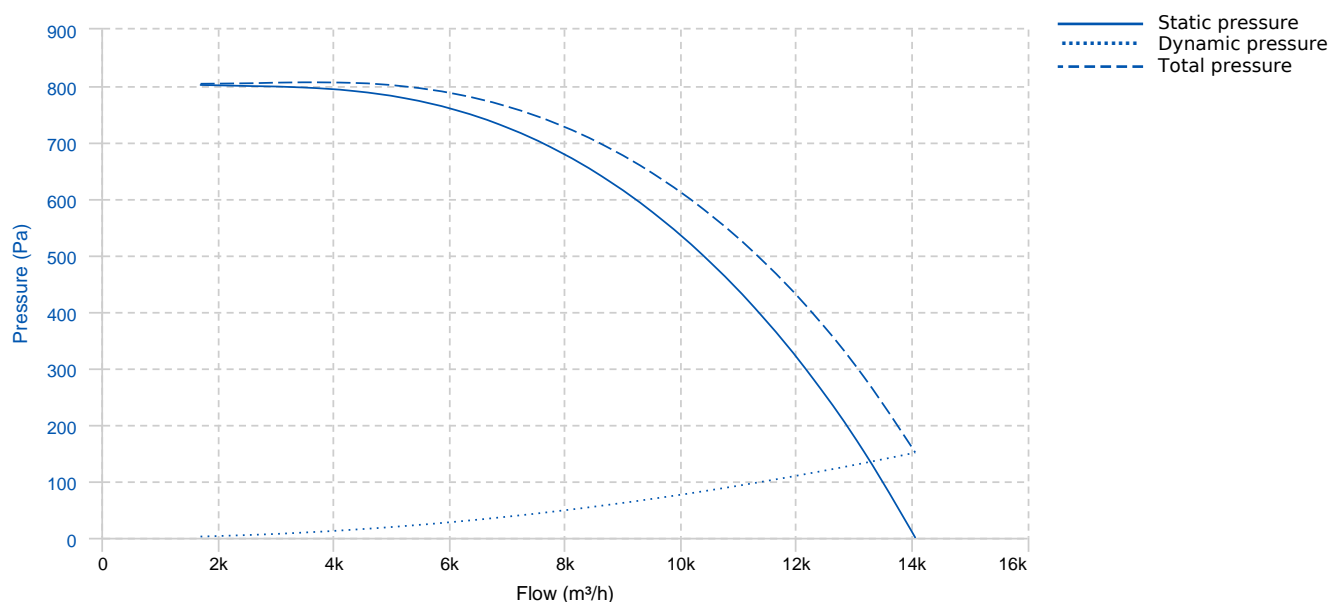
- Smoke extraction.
- Smoke emergency exhaust with motor outside the hazardous area.
- Air renewal in buildings and industries.
- Industrial and professional kitchen hoods.
- Maximum continuous working temperature: carried air 80°C, environment 60°C for three phase and 50°C for single phase motors.

UNDER REQUEST

- 60Hz and special voltages.
- Sparking proof fan with EEx_d certified motor.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2015
Certification Nr: 0370-CPR-2656

PERFORMANCE CURVE

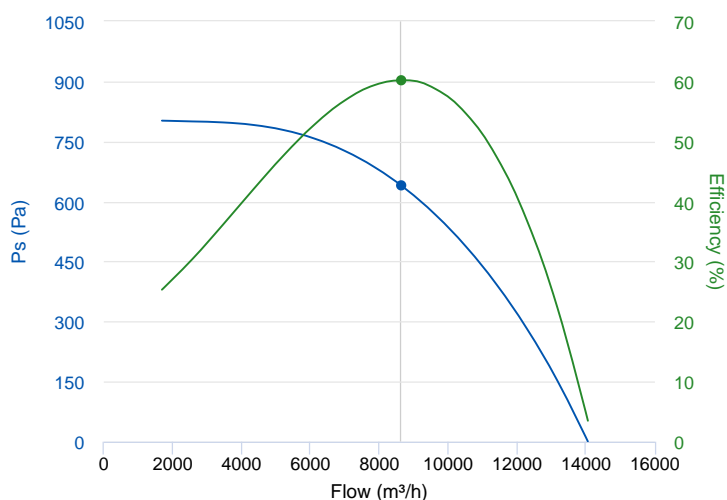


TECHNICAL DATA

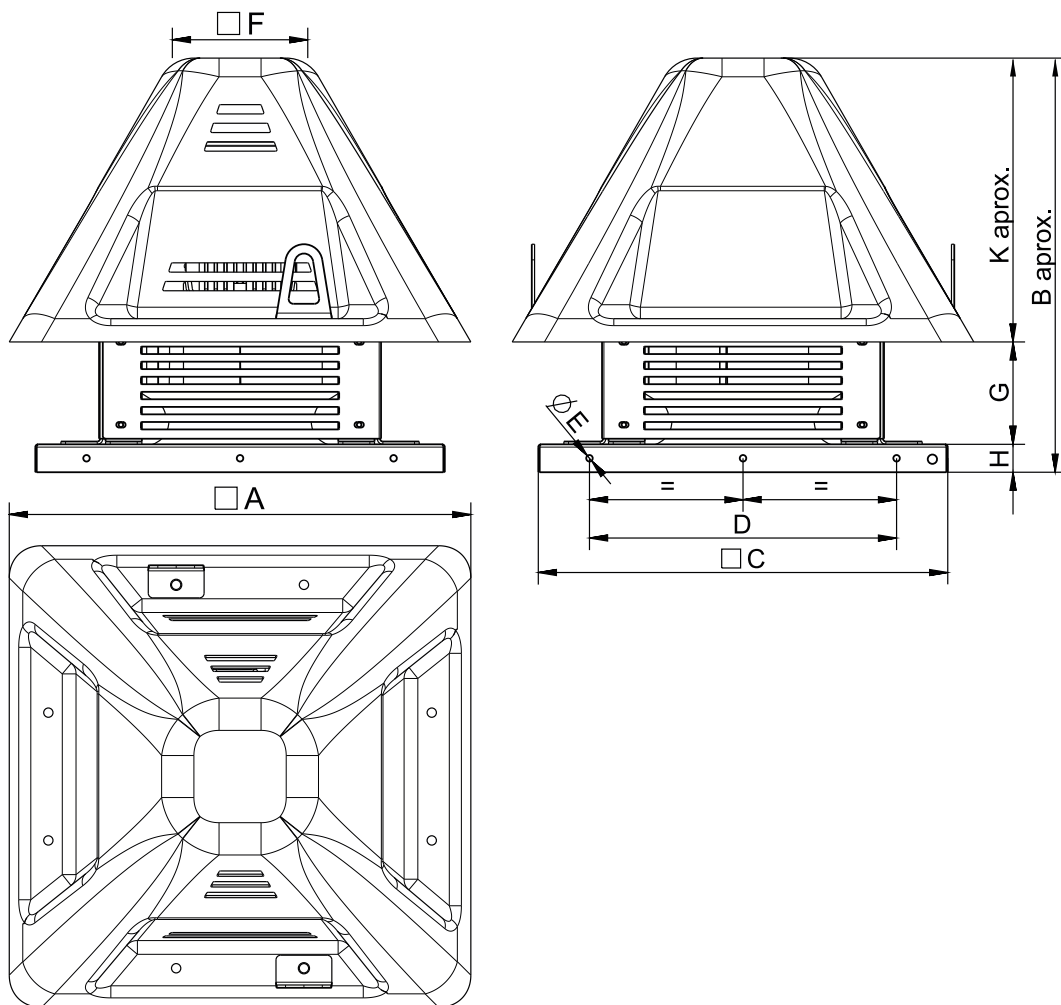
Fan							
RPM	1420	Approx. weight	55 kg	Max. Flow	14060 m ³ /h		
Motor							
Power	3 kW	RPM	1420	I max. (230V)	10,7 A	I max. (400V)	6,17 A
Size	100L	Approx. weight	34 kg	Efficiency (%)	87.7 %	FP	0.82

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)	3	
	Fan values	ERP Requirements 2018
Max. efficiency (%)	60.19	48.11
Effic. Heat recovery (%)	-	
Pabs (kW)	2.678	
Flow (m ³ /h)	8643.34	
Static pressure (Pa)	639.43	
Speed (m/s)	9.75	
SFP (W/m ³ /s)	1115.2	



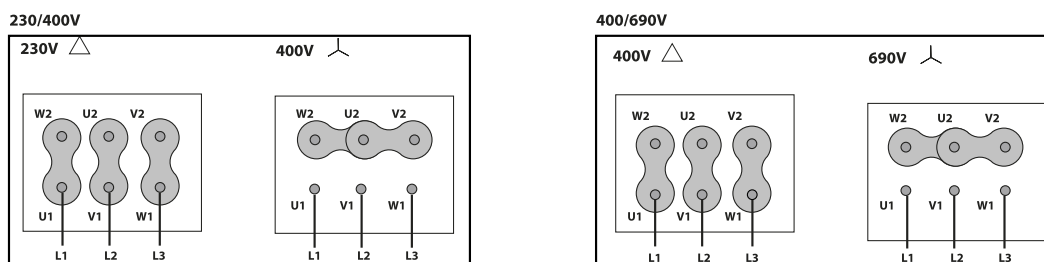
DIMENSIONS



Dimensions (mm)

A	972,75	B aprox	882,5	C	939	D	710	E	9
F	388	G	334,5	H	50	K aprox	498		

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 25 3P A
REF: INT253PA



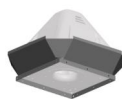
SAFETY SWITCH FOR 400°C/2h
INT 400 25A 3P
REF: 508902501



FIXING KIT FOR CTH3
KF 500-560-630
REF: 960004650



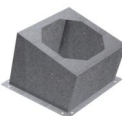
CTH3 TILTING KIT
KB 500-560-630
REF: 960004550



CTH3 VERTICAL DISCHARGE
KV CTH-3 500-560-630
REF: 960004750



FREQUENCY SPEED CONTROLLER
SFC 400 III 8A *
REF: SFC400III8



INCLINED ROOF FAN SUPPORT
BTI 915
REF: 50870915XX