

CTH3-A 400 M6 0,37KW

GENERAL DATA



ROOF FAN, AL COWL 400°C/2h

MANUFACTURING FEATURES

- Roof cowl made of aluminium
- 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 60Hz in single phase motors, 230/400V 60Hz in three phase motors

APPLICATIONS

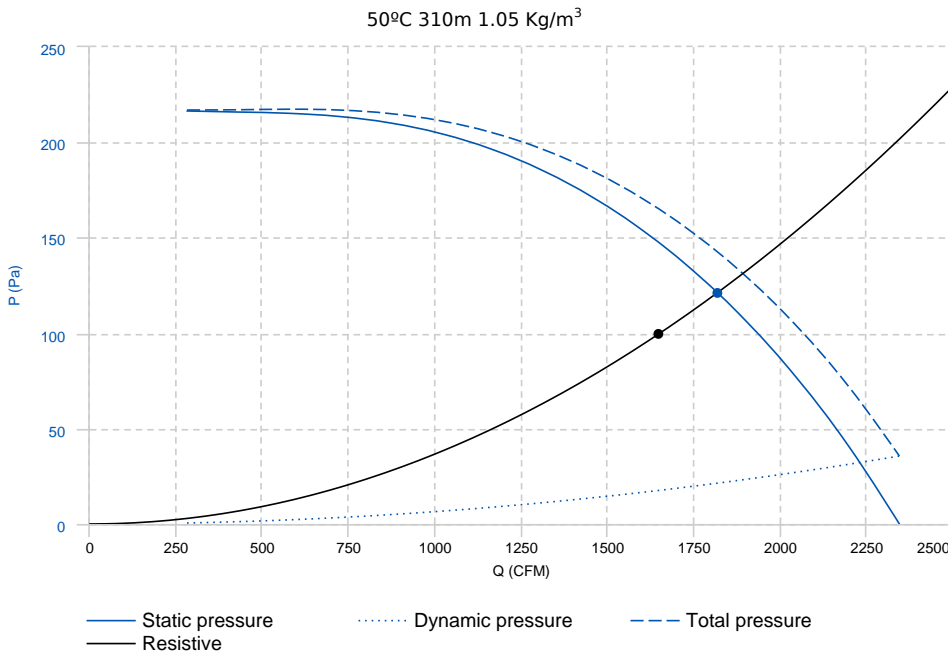
Specially designed for roof installation, they are suitable for:

- 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 110°C, environment 60°C for three phase and 50°C for single phase motors.

UNDER REQUEST

- Sparking proof fan with EEx_d certified motor.

PERFORMANCE CURVE



Design point	
Flow (CFM)	1650
Pressure (Pa)	100
Service point	
T.max (°C)	80
Q (CFM)	1816.9
Ps (Pa)	121.25
Pd (Pa)	24.44
Pt (Pa)	145.7
Speed (m/s)	6.82
Security coefficient	1.83
Mechanical total efficiency	70.07
Pwmech (kW) 1.05 Kg/m ³	0.18
Pwmech (kW) 1.2 Kg/m ³	0.2

TECHNICAL DATA

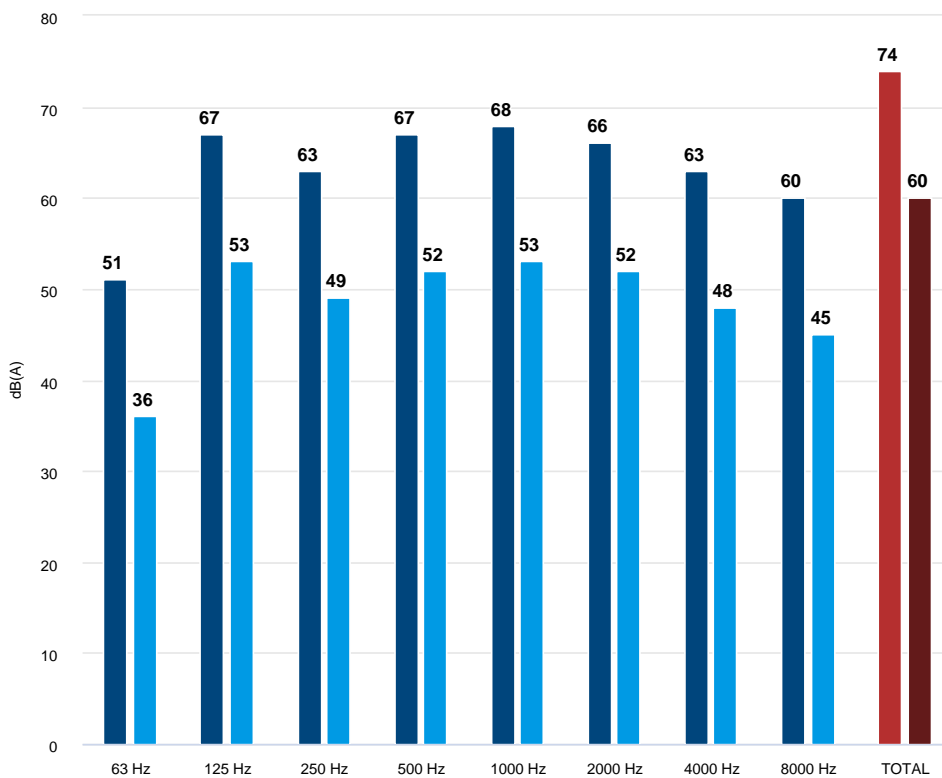
Fan

RPM	1070	Approx. weight	21 kg	Max. Flow	2348.43 CFM
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Motor

Power	0,37 kW	RPM	1068	I max. (230V)	2.9 A	FP	0.95
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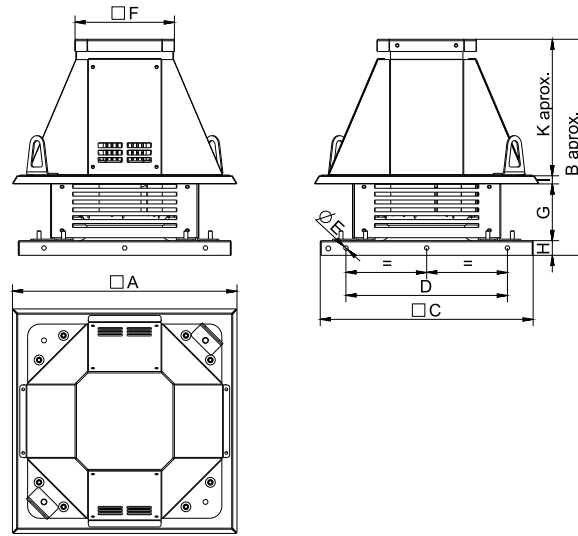
ACOUSTIC DATA



Sound power	
63 Hz	51
125 Hz	67
250 Hz	63
500 Hz	67
1000 Hz	68
2000 Hz	66
4000 Hz	63
8000 Hz	60
TOTAL	74

Sound pressure 1.5m (in)	
63 Hz	36
125 Hz	53
250 Hz	49
500 Hz	52
1000 Hz	53
2000 Hz	52
4000 Hz	48
8000 Hz	45
TOTAL	60

DIMENSIONS



Dimensions (mm)

A	664,4	B aprox	702,75	C	665	D	520	E	9
F	253	G	268,75	H	40	I	30,75	K aprox	363,25

WIRING DIAGRAM

