

KENTALROOF-A CONFORT 315 M4 0,25kW (27931471ALM)

GENERAL DATA



ROOF FAN WITH FOLDING SYSTEM AND ALUMINIUM COWL

MANUFACTURING FEATURES:

- Protection cowl made of anticorrosive treated aluminum easily removable for motor and impeller maintenance thanks to the integrated folding system.
- The design of the cowl with a **rounded shape** is specific to minimize the risk of water ingress due to rain.
- Equipped with a **hinged system** to open the motor-impeller set. This system allows easy maintenance and cleaning of the set without the need to disassemble the entire structure. The opening is possible in 2 inclinations: approximately 45° and 90°, as required by the intervention.
- Structure in anticorrosive galvanized steel and support frame for adaptation to the roof with anti-bird protection grid.
- High-performance, backward-curved blade (reaction) impellers designed to work without scroll. Self-cleaning system, built in galvanized steel treated with anti-corrosion.
- Standard asynchronous squirrel cage motor with IP-55 protection and Class F insulation. Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase motors up to 4kW & 400/690V 50Hz for higher powers and 400V 50Hz for 2 speed motors.

APPLICATIONS

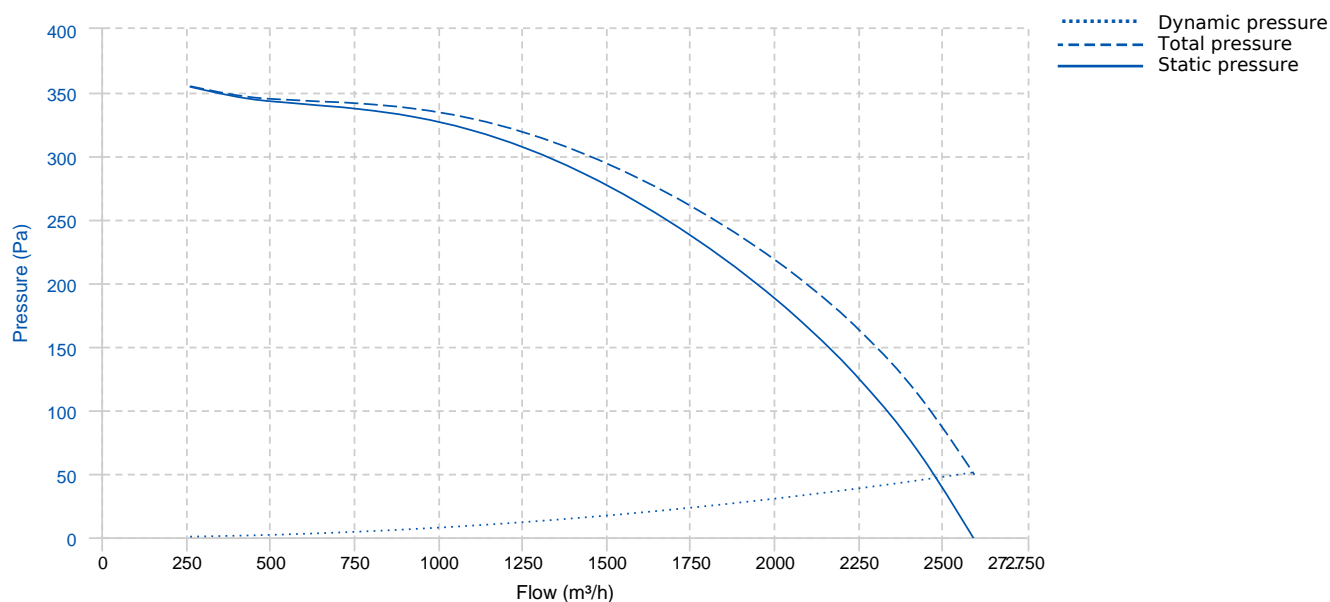
Designed for deck or roof mounting, they are indicated for:

- Smoke extraction.
- Air renewal in all types of buildings and industries.
- Maximum continuous working temperature: transported air 80°C, ambient 60°C to -25°C in three-phase motors.

UNDER REQUEST

- Special voltages.
- Special construction for moving air at 120°C. Serie:

PERFORMANCE CURVE

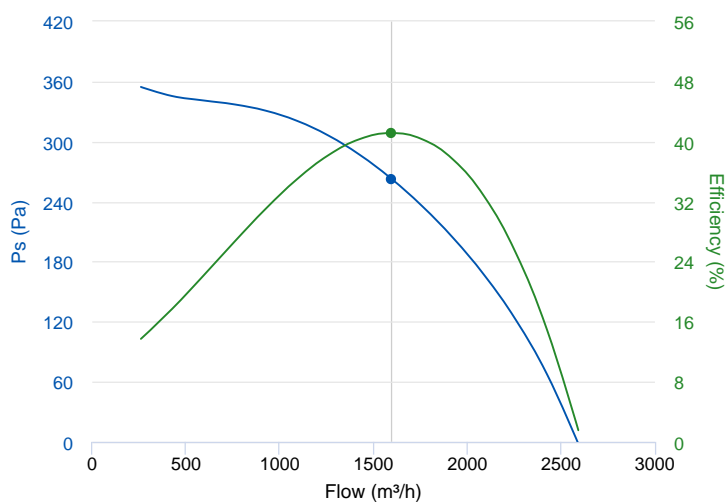


TECHNICAL DATA

Fan							
RPM	1410	Approx. weight	35.5 kg	Max. Flow	2590 m³/h		
Motor							
Power	0,25 kW	RPM	1410	Capacitor	12µF 450V	I max. (230V)	1,6 A
Size	71	Approx. weight	6.5 kg	Efficiency (%)	68,5 %	FP	0,99

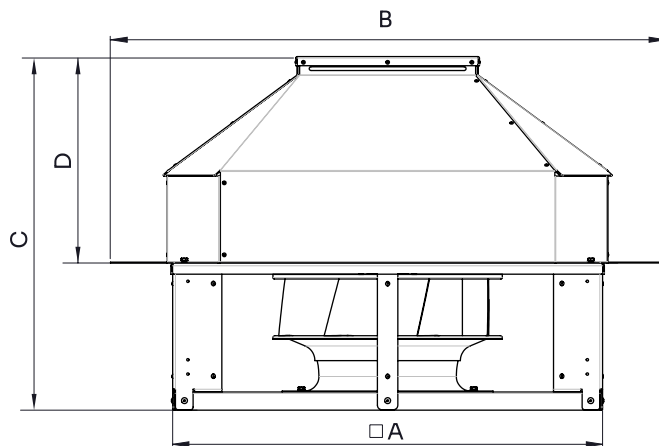
ERP DATA

Fan data sheet		
Fan type	Unit for non-residential ventilation (LOT 6)	
Typology	Unidirectional	
reports.other	None	
Type of driver	None	
Motor power (kW)	0.25	
	Fan values	ERP Requirements 2018
Max. efficiency (%)	41.13	34.46
Effic. Heat recovery (%)	-	
Pabs (kW)	0.296	
Flow (m³/h)	1596.3	
Static pressure (Pa)	262.7	
Speed (m/s)	5.69	



	Fan values	ERP Requirements 2018
SFP (W/m ³ /s)	668.29	

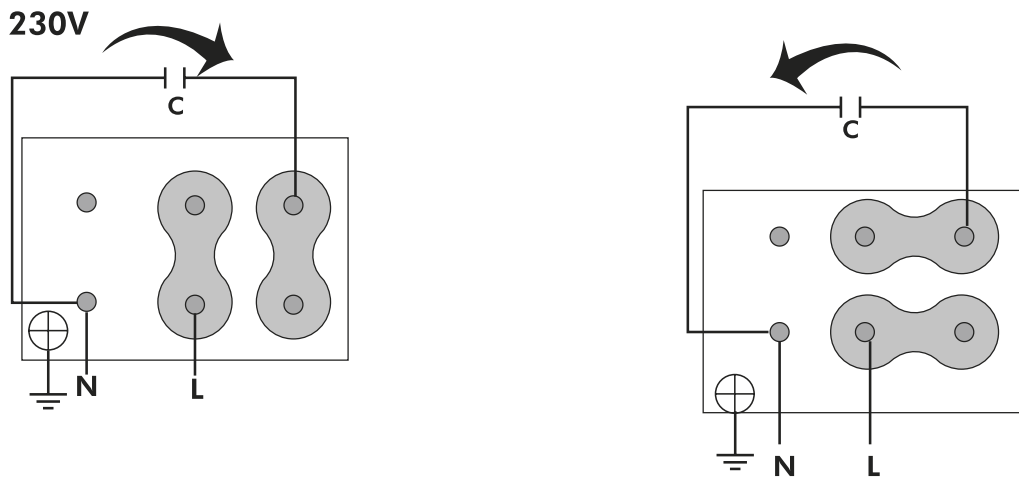
DIMENSIONS



Dimensions (mm)

A (int)	592	B	760	C	601	D	365
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WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 25 3P A
REF: INT253PA



CIRCULAR SILENCER
SIL-C 315/315
REF: 960315315



CIRCULAR SILENCER
SIL-C 315/472
REF: 960315472



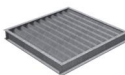
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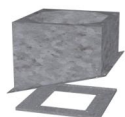
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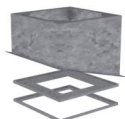
CONNECTION FLANGE
AC 300
REF: 960003209



DEPRESSION DAMPER (HORIZONTAL or VERTICAL PLACEMENT)
CMP-HUT 300x310
REF: CMPHUT3031



BTI + ACMP MOUNTED
BTI+ACMP 570
REF: BTIACMP570XX



BTI + ACMP+AMC MOUNTED
BTI+ACMP+AMC 570
REF: BTIACMPAMC570XX



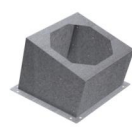
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SIL-C 315/ 630
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CIRCULAR SILENCER
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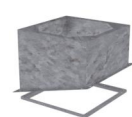
CIRCULAR-CIRCULAR ANTI-VIBRATION FLANGE
BAD 9 (Ø300)
REF: 960003459



INCLINED ROOF FAN SUPPORT
BTI 570
REF: A-50870570XX



KENTALROOF VERTICAL DISCHARGE
KV KENTALROOF 315
REF: KVKNTR315



BTI + AMC MOUNTED
BTI+AMC 570
REF: BTIAMC570XX