

Technical Data Sheet

CODE 16091

CA 100 WE D

Centrifugal duct fans for external wall



Certifications

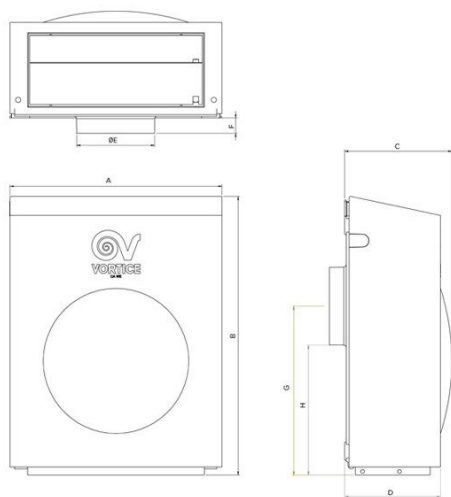


CB TEST CERTIFICATE

Technical and performance data

Frequency (Hz)	50	Breakout sound pressure at 3m at Min speed Lp [dB (A)]	26
Insulation class	I°	Max airflow at Max speed (l/s)	57
IP	X5	Max airflow at Max speed (m³/h)	205
Max absorbed current at Max speed (A)	0,24	Max airflow at Mid speed (m³/h)	140
Max absorbed current at Mid speed (A)	0,21	Max airflow at Min speed (l/s)	38,9
Max absorbed current at Min speed (A)	0,15	Max pressure at Max speed (mmH2O)	38,2
Max absorbed power at Max speed (W)	39	Max pressure at Max speed (Pa)	375
Max absorbed power at Mid speed (W)	25	Max pressure at Mid speed (mmH2O)	36,5
Max ambient temperature for continuous operation (°C)	60	Max pressure at Mid speed (Pa)	358
Nominal diameter (mm)	100	Max RPM	2390
Power absorbed at 1st speed (W)	11	Min RPM	925
Voltage (V)	220-240	Pressure at 1st speed (mmH2O)	10,5
Weight (Kg)	4,5	Pressure at 1st speed (Pa)	103
Airflow at 1st speed (l/s)	18,6	RPM at Mid speed	1600
Airflow at 1st speed (m³/h)	67	Sound power at extract side at Max speed LWA [dB (A)]	61,9
Breakout sound power LWA at Max speed [dB (A)]	64,4	Sound power at extract side at Mid speed LWA [dB (A)]	52
Breakout sound power LWA at Mid speed [dB (A)]	55	Sound power at extract side at Min speed LWA [dB (A)]	39,2
Breakout sound power LWA at Min speed [dB (A)]	43,5	Sound pressure at extract side at 3m at Max speed Lp [dB (A)]	44,4
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	46,9	Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	34,5
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	37,4	Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	21,7

Dimensions



Size A (mm)	262
Size B (mm)	345
Size C (mm)	127
Size D (mm)	113
Size E (mm)	97
Size F (mm)	20
Size G (mm)	142
Size H (mm)	93

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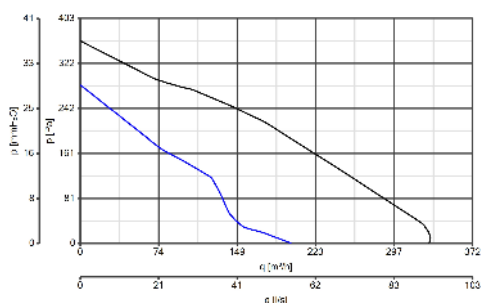
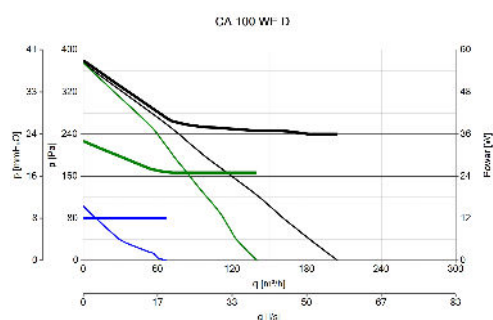
Centrifugal duct fans for external wall



Description

- P04 pressed steel outer enclosure with polyester paint finish, resistant to atmospheric agents.
- Nominal diameter 100 mm.
- 3 speed fan consisting of:
 - AC motor with thermal overload cutout and shaft turning in ball bearings,
 - backward curved centrifugal impeller.
- Operation controllable by remote sensors monitoring: Temperature, Relative Humidity, Smoke and Presence.

Curves



Accessories



C TEMP

Code 12992



C SMOKE

Code 12993



C HCS

Code 12994



C PIR

Code 12998



C TIMER

Code 12999



KIT SCB (TRASF.E.C.)

Code 22481



TRIO D

Code 12866



TRIO-LINEO

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