

Technical Data Sheet

CODE 16008

CA 100 V0 D

In-line centrifugal fans in self-extinguishing plastic



Certifications



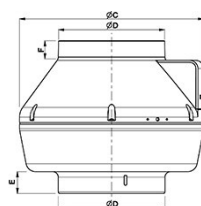
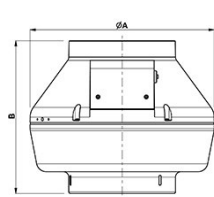
CB TEST CERTIFICATE

Technical and performance data

Frequency (Hz)	50-60	Max airflow at Min speed at 60 Hz (m³/h)	80
Insulation class	II°	Max pressure at 60 Hz (mmH2O)	43,7
IP	X4	Max pressure at Max speed (mmH2O)	35,6
Max absorbed current at maMinx speed at 60 Hz (A)	0,17	Max pressure at Max speed (Pa)	349
Max absorbed current at Max speed (A)	0,22	Max pressure at Max speed at 60Hz (Pa)	429
Max absorbed current at Max speed at 60 Hz (A)	0,26	Max pressure at Mid speed (mmH2O)	34,9
Max absorbed current at Mid speed (A)	0,21	Max pressure at Mid speed (Pa)	342
Max absorbed current at Mid speed at 60 Hz (A)	0,24	Max pressure at Mid speed at 60Hz (mmH2O)	36,7
Max absorbed current at Min speed (A)	0,14	Max pressure at Mid speed at 60Hz (Pa)	360
Max absorbed power at Max speed (W)	43	Max pressure at Min speed at 60Hz (mmH2O)	14
Max absorbed power at Max speed at 60 Hz (W)	46	Max pressure at Min speed at 60Hz (Pa)	137
Max absorbed power at Mid speed (W)	30	Max RPM	2250
Max absorbed power at Mid speed at 60 Hz (W)	35	Max speed at 60 Hz (Rpm)	2130
Max absorbed power at Min speed at 60 Hz (W)	16	Mid speed at 60 Hz (Rpm)	1820
Max ambient temperature for continuous operation (°C)	50	Min RPM	935
Nominal diameter (mm)	100	Min speed at 60 Hz (Rpm)	1060
Ø Discharge hole (mm)	97	Potenza sonora at supply side at Min speed LWA [dB (A)]	57,6
Power absorbed at 1st speed (W)	13	Pressure at 1st speed (mmH2O)	13,7
Voltage (V)	220-240	Pressure at 1st speed (Pa)	134
Weight (Kg)	2,4	RPM at Mid speed	1930
Airflow at 1st speed (l/s)	19	Sound power at extract side at Max speed LWA [dB (A)]	81,4
Airflow at 1st speed (m³/h)	70	Sound power at extract side at Mid speed LWA [dB (A)]	76,7
Breakout sound power at Max speed at 60 Hz LWA [dB (A)]	51,5	Sound power at extract side at Min speed LWA [dB (A)]	59
Breakout sound power at Mid speed at 60 Hz LWA [dB (A)]	48,4	Sound power at supply side at Max speed LWA [dB (A)]	80,7
Breakout sound power at Min speed at 60 Hz LWA [dB (A)]	40,7	Sound power at supply side at Mid speed LWA [dB (A)]	75,3
Breakout sound power LWA at Max speed [dB (A)]	53,3	Sound powerat at extraction side at Max speed at 60 Hz LWA [dB (A)]	79,4
Breakout sound power LWA at Mid speed [dB (A)]	50,3	Sound powerat at extraction side at Mid speed at 60 Hz LWA [dB (A)]	74,8
Breakout sound power LWA at Min speed [dB (A)]	39,1	Sound powerat at extraction side at Min speed at 60 Hz LWA [dB (A)]	61,2
breakout sound pressure at 3m at Max speed at 60 Hz Lp [dB (A)]	31,0	Sound powerat at supply side at Max speed at 60 Hz LWA [dB (A)]	78,6
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	32,7	Sound powerat at supply side at Mid speed at 60 Hz LWA [dB (A)]	73,4
breakout sound pressure at 3m at Mid speed at 60 Hz Lp [dB (A)]	27,9	Sound powerat at supply side at Min speed at 60 Hz LWA [dB (A)]	59,6
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	29,7	Sound pressure at extract side at 3m at Max speed at 60 HzLp [dB (A)]	61,9
		Sound pressure at extract side at 3m at	63,9

breakout sound pressure at 3m at Min speed at 60 Hz Lp [dB (A)]	20,2	Max speed Lp [dB (A)]	
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	18,6	Sound pressure at extract side at 3m at Mid speed at 60 HzLp [dB (A)]	55,9
Max airflow at Max speed (l/s)	56	Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	59,1
Max airflow at Max speed (m³/h)	200	Sound pressure at extract side at 3m at Min speed at 60 HzLp [dB (A)]	43,7
Max airflow at Max speed at 60 Hz (l/s)	51	Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	41,5
Max airflow at Max speed at 60 Hz (m³/h)	185	Sound pressure at suply side at 3m at Max speed Lp [dB (A)]	63,2
Max airflow at Mid speed (m³/h)	170	Sound pressure at suply side at 3m at Mid speed Lp [dB (A)]	57,7
Max airflow at Mid speed at 60 Hz (l/s)	43	Sound pressure at suply side at 3m at Min speed Lp [dB (A)]	40,1
Max airflow at Mid speed at 60 Hz (m³/h)	155	Sound pressure at supply side at 3m at Max speed at 60 HzLp [dB (A)]	61,1
Max airflow at Min speed (l/s)	47	Sound pressure at supply side at 3m at Mid speed at 60 HzLp [dB (A)]	57,2
Max airflow at Min speed at 60 Hz (l/s)	22	Sound pressure at supply side at 3m at Min speed at 60 HzLp [dB (A)]	42,0

Dimensions



Size A (mm)	250
Size B (mm)	250
Size C (mm)	250
Size D (mm)	97
Size E (mm)	30
Size F (mm)	30

PER INFORMAZIONI / FOR INFORMATION

ITALY

Pre Sales:
prevendita@vortice-italy.com
 After Sales:
postvendita@vortice-italy.com

UNITED KINGDOM & REP. OF

IRELAND

Sales Dept:
sales@vortice.ltd.uk
 Technical Dept:
technical@vortice.ltd.uk

OTHER COUNTRIES

Sales Dept:
export@vortice-italy.com
 After Sales:
after-sales@vortice-italy.com

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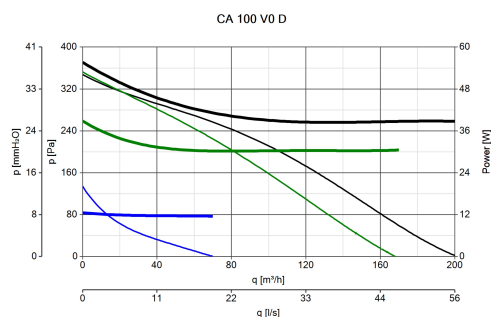
In-line centrifugal fans in self-extinguishing plastic



Description

- Material: self-extinguishing PP thermoplastic resin, rated V0.
- Nominal diameter 100 mm.
- 3 speed fan consisting of:
 - AC motor with thermal overload cutout and shaft turning in ball bearings,
 - backward curved impeller.
- Operation controllable by remote sensors monitoring: Temperature, Relative Humidity, Smoke and Presence.
- Zinc-coated steel brackets for wall mounting.

Curves



Accessories



CA-MU (STAFFE DI SOSTEGNO)

Code 22674



KIT SCB (TRASF.E.C.)

Code 22481



CA-FU 100 (FASCETTE)

Code 22667



CA-G 100 (GRIGLIA DI PROTEZIONE)

Code 22750



C TEMP

Code 12992



C SMOKE

Code 12993

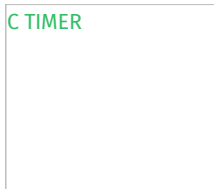


C HCS

Code 12994

**C PIR**

Code 12998

**C TIMER**

Code 12999

**TRIO D**

Code 12866

**TRIO-LINEO
503**

Code 12891

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Pre Sales:

prevendita@vortice-italy.com

After Sales:

postvendita@vortice-italy.com**UNITED KINGDOM & REP. OF****IRELAND**

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sales@vortice.ltd.uk

Technical Dept:

technical@vortice.ltd.uk**OTHER COUNTRIES**

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export@vortice-italy.com

After Sales:

after-sales@vortice-italy.com