

Technical Data Sheet

CODE 16039

CA 250 V0 E

In-line centrifugal fans in self-extinguishing plastic



Certifications

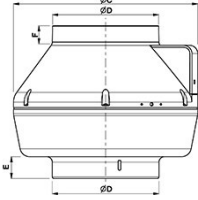
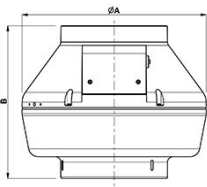


CB TEST CERTIFICATE

Technical and performance data

Frequency (Hz)	50-60	Max airflow at Mid speed at 60 Hz (m³/h)	600
Insulation class	II ^o	Max airflow at Min speed (l/s)	181,9
IP	44	Max airflow at Min speed at 60 Hz (l/s)	131,9
Max absorbed current at maMinx speed at 60 Hz (A)	0,43	Max airflow at Min speed at 60 Hz (m³/h)	475
Max absorbed current at Max speed (A)	0,45	Max pressure at 60 Hz (mmH2O)	46,7
Max absorbed current at Max speed at 60 Hz (A)	0,54	Max pressure at Max speed (mmH2O)	37,1
Max absorbed current at Mid speed (A)	0,41	Max pressure at Max speed (Pa)	363,8
Max absorbed current at Mid speed at 60 Hz (A)	0,48	Max pressure at Max speed at 60Hz (Pa)	458
Max absorbed current at Min speed (A)	0,38	Max pressure at Mid speed (mmH2O)	32,9
Max absorbed power at Max speed (W)	90	Max pressure at Mid speed (Pa)	322,6
Max absorbed power at Max speed at 60 Hz (W)	120	Max pressure at Mid speed at 60Hz (mmH2O)	26,3
Max absorbed power at Mid speed (W)	66	Max pressure at Mid speed at 60Hz (Pa)	257,9
Max absorbed power at Mid speed at 60 Hz (W)	77	Max pressure at Min speed at 60Hz (mmH2O)	18,1
Max absorbed power at Min speed at 60 Hz (W)	60	Max pressure at Min speed at 60Hz (Pa)	177,5
Max ambient temperature for continuous operation (°C)	45	Max RPM	2550
Nominal diameter (mm)	250	Max speed at 60 Hz (Rpm)	2790
Ø Discharge hole (mm)	245	Mid speed at 60 Hz (Rpm)	1870
Power absorbed at 1st speed (W)	50	Min RPM	1650
Voltage (V)	220-240	Min speed at 60 Hz (Rpm)	1630
Weight (Kg)	3,7	Potenza sonora at supply side at Min speed LWA [dB (A)]	58,5
Airflow at 1st speed (l/s)	129,2	Pressure at 1st speed (mmH2O)	19,8
Airflow at 1st speed (m³/h)	465	Pressure at 1st speed (Pa)	194,2
Breakout sound power LWA at Max speed [dB (A)]	60,5	RPM at Mid speed	1970
Breakout sound power LWA at Mid speed [dB (A)]	55,8	Sound power at extract side at Max speed LWA [dB (A)]	68,5
Breakout sound power LWA at Min speed [dB (A)]	49,1	Sound power at extract side at Mid speed LWA [dB (A)]	63,5
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	39,9	Sound power at extract side at Min speed LWA [dB (A)]	56,4
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	35,3	Sound power at supply side at Max speed LWA [dB (A)]	71,2
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	28,6	Sound power at supply side at Mid speed LWA [dB (A)]	66,1
Max airflow at Max speed (l/s)	223,6	Sound pressure at extract side at 3m at Max speed Lp [dB (A)]	51
Max airflow at Max speed (m³/h)	805	Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	45,9
Max airflow at Max speed at 60 Hz (l/s)	243,1	Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	38,9
Max airflow at Max speed at 60 Hz (m³/h)	875	Sound pressure at suply side at 3m at Max speed Lp [dB (A)]	53,7
Max airflow at Mid speed (m³/h)	655	Sound pressure at suply side at 3m at Mid speed Lp [dB (A)]	48,6
Max airflow at Mid speed at 60 Hz (l/s)	166,6	Sound pressure at suply side at 3m at Min speed Lp [dB (A)]	41

Dimensions



Size A (mm)	340
Size B (mm)	305
Size C (mm)	340
Size D (mm)	247
Size E (mm)	60
Size F (mm)	30
Size G (mm)	390

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

Technical Data Sheet

CODE 16039

CA 250 V0 E

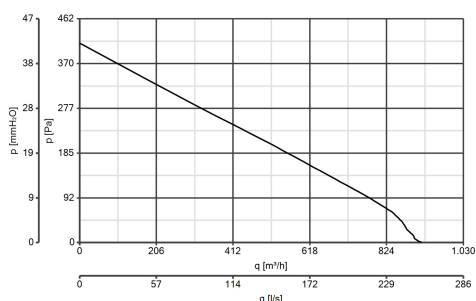
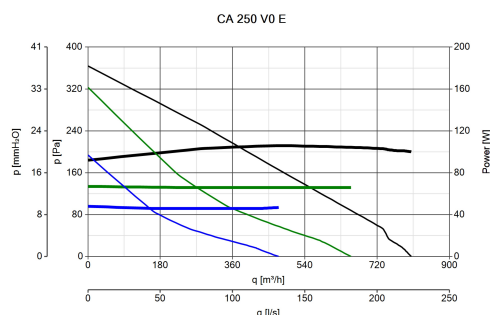
In-line centrifugal fans in self-extinguishing plastic



Description

- Material: self-extinguishing PP thermoplastic resin, rated V0.
- Nominal diameter 250 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



C 2.5 (COMANDO EL. 2.5 A)

Code 12967



KIT SCB (TRASF.E.C.)

Code 22481



CA-MU (STAFFE DI SOSTEGNO)

Code 22674



TRIO-CA

Code 12869



C 1.5 (COMANDO EL. 1.5 A)

Code 12966



CA-G 250 (GRIGLIA DI PROTEZIONE)

Code 22770



SCNRB I

Code 12971



C TEMP

Code 12992



C SMOKE

Code 12993



C HCS

Code 12994



C PIR

Code 12998

C TIMER



C TIMER

Code 12999

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