

# Technical Data Sheet

CODE 16041

## CA 315 VO E

In-line centrifugal fans in self-extinguishing plastic



### Certifications

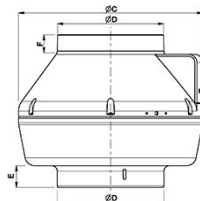
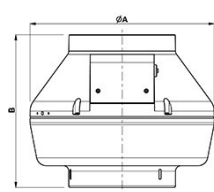


CB TEST CERTIFICATE

## Technical and performance data

|                                                       |         |                                               |       |
|-------------------------------------------------------|---------|-----------------------------------------------|-------|
| Frequency (Hz)                                        | 50-60   | Weight (Kg)                                   | 5,5   |
| Insulation class                                      | II°     | Airflow at 1st speed (l/s)                    | 146.3 |
| IP                                                    | 44      | Airflow at 1st speed (m³/h)                   | 527   |
| Max absorbed current (A)                              | 0,54    | Max airflow at Max speed (l/s)                | 305.5 |
| Max absorbed current at Min speed (A)                 | 0.48    | Max airflow at Max speed (m³/h)               | 1100  |
| Max absorbed power (W)                                | 120     | Max pressure at Max speed (mmH2O)             | 56.6  |
| Max absorbed Power at 60 Hz (W)                       | 185     | Max pressure at Max speed (Pa)                | 554.7 |
| Max ambient temperature for continuous operation (°C) | 55      | Max RPM                                       | 2640  |
| Nominal diameter (mm)                                 | 315     | Min RPM                                       | 1280  |
| Power absorbed at 1st speed (W)                       | 48      | Pressure at 1st speed (mmH2O)                 | 27.5  |
| Voltage (V)                                           | 220-240 | Pressure at 1st speed (Pa)                    | 270   |
|                                                       |         | Sound pressure at 3m at Max speed Lp [dB (A)] | 54    |

## Dimensions



|             |     |
|-------------|-----|
| Size A (mm) | 400 |
| Size B (mm) | 340 |
| Size C (mm) | 400 |
| Size D (mm) | 312 |
| Size E (mm) | 75  |
| Size F (mm) | 40  |
| Size G (mm) | 438 |

### 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 16041

## CA 315 VO E

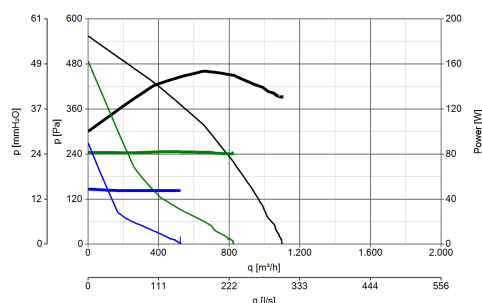
In-line centrifugal fans in self-extinguishing plastic



## Description

- Material: self-extinguishing PP thermoplastic resin, rated V0.
- Nominal diameter 315 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



### KIT SCB (TRASF.E.C.)

Code 22481



### C 1.5 (COMANDO EL. 1.5 A)

Code 12966



### CA-MU (STAFFE DI SOSTEGNO)

Code 22674



### TRIO-CA

Code 12869



### C 2.5 (COMANDO EL. 2.5 A)

Code 12967



### CA-G 125 (GRIGLIA DI PROTEZIONE)

Code 22755



### 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](mailto:prevendita@vortice-italy.com)

After Sales:

[postvendita@vortice-italy.com](mailto:postvendita@vortice-italy.com)

##### **UNITED KINGDOM & REP. OF**

##### **IRELAND**

Sales Dept:

[sales@vortice.ltd.uk](mailto:sales@vortice.ltd.uk)

Technical Dept:

[technical@vortice.ltd.uk](mailto:technical@vortice.ltd.uk)

##### **OTHER COUNTRIES**

Sales Dept:

[export@vortice-italy.com](mailto:export@vortice-italy.com)

After Sales:

[after-sales@vortice-italy.com](mailto:after-sales@vortice-italy.com)