

# Technical Data Sheet

CODE 16200

CA 100 ES

Energy saving in-line centrifugal fans

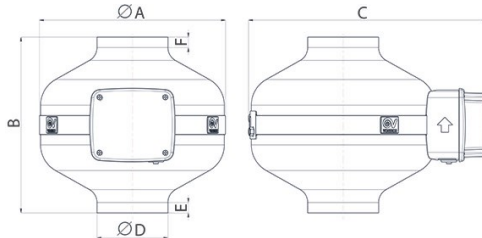


## Certifications

### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Delivery 1st speed (l/s)	9
Insulation Class	II°	Delivery 1st speed (m³/h)	33
IP	44	Max delivery at max speed (l/s)	107
Max ambient temperature for continuous operation (°C)	50	Max delivery at max speed (m³/h)	385
Nominal Current at max speed (A)	0,7	Pressure - 1st speed (mmH2O)	0,5
Nominal Current at min speed (A)	0,05	Pressure - 1st speed (Pa)	5
Nominal Diameter (mm)	100	Pressure max - max speed (mmH2O)	52
Nominal Power at max speed (W)	80	Pressure max - max speed (Pa)	510
Nominal Power at min speed (W)	3	RPM max	2720
Voltage (V)	220-240	RPM min	300
Weight (Kg)	3,5	Sound pressure level Lp in free field [dB(A)] 3 m max speed	46,9

### DIMENSIONS



Size A (mm)	∅ 255
Size B (mm)	239
Size C (mm)	330
Size D (mm)	∅ 97
Size E (mm)	15
Size F (mm)	15

#### PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

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

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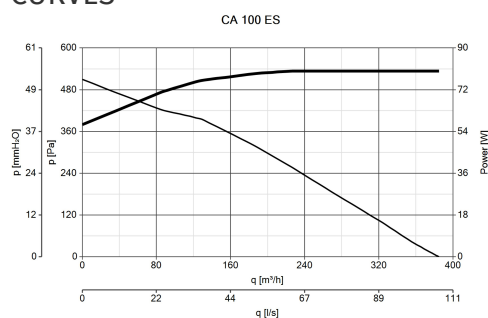
Energy saving in-line centrifugal fans



### DESCRIPTION

- Pickled and phosphated steel housing with polyester powder-coated finish, resistant against aggressive atmospheric agents.
  - Nominal diameter: 100 mm
  - High efficiency ES (brushless) motor coupled to a backward impeller.
  - Possibility of connection to remote sensors.
  - Zinc-coated steel brackets for wall mounting, supplied as standard.
- A dedicated dip-switch allows to choice:
    - o 2 speed product functioning, settable during the installation and adjustable through optional two-speed switch,
    - o 1 speed product functioning, adjustable through 0-10V signal potentiometer (supplied as optional).

### CURVES



### ACCESSORIES



**POT**  
Code 12828



**C PIR**  
Code 12998



**C TIMER**  
Code 12999



**CA-MU (STAFFE  
DI SOSTEGNO)**  
Code 22674

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