

# Technical Data Sheet

CODE 16141

## CA 125 MD E RF

Centrifugal duct fans for roof mounting



### Certifications



IMQ



CE



IMQ Performance



EAC



G-Mark

### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50-60	Max airflow at Min speed at 60 Hz (m³/h)	125
Insulation class	II°	Max pressure at 60 Hz (mmH2O)	38,8
IP	45	Max pressure at Max speed (mmH2O)	36
Max absorbed current at maMinx speed at 60 Hz (A)	0,17	Max pressure at Max speed (Pa)	353
Max absorbed current at Max speed (A)	0,22	Max pressure at Max speed at 60Hz (Pa)	381
Max absorbed current at Max speed at 60 Hz (A)	0,26	Max pressure at Mid speed (mmH2O)	34,1
Max absorbed current at Mid speed (A)	0,20	Max pressure at Mid speed (Pa)	335
Max absorbed current at Mid speed at 60 Hz (A)	0,23	Max pressure at Mid speed at 60Hz (mmH2O)	32,7
Max absorbed current at Min speed (A)	0,15	Max pressure at Mid speed at 60Hz (Pa)	321
Max absorbed power at Max speed (W)	41	Max pressure at Min speed at 60Hz (mmH2O)	11,3
Max absorbed power at Max speed at 60 Hz (W)	45	Max pressure at Min speed at 60Hz (Pa)	111
Max absorbed power at Mid speed (W)	30	Max RPM	2140
Max absorbed power at Mid speed at 60 Hz (W)	35	Max speed at 60 Hz (Rpm)	2000
Max absorbed power at Min speed at 60 Hz (W)	16	Mid speed at 60 Hz (Rpm)	1655
Max ambient temperature for continuous operation (°C)	50	Min RPM	1020
Nominal diameter (mm)	125	Min speed at 60 Hz (Rpm)	895
Power absorbed at 1st speed (W)	13	Potenza sonora at supply side at Min speed LWA [dB (A)]	40
Voltage (V)	220-240	Pressure at 1st speed (mmH2O)	10,2
Weight (Kg)	4,6	Pressure at 1st speed (Pa)	100
Airflow at 1st speed (l/s)	32	RPM at Mid speed	1765
Airflow at 1st speed (m³/h)	115	Sound power at extract side at Max speed LWA [dB (A)]	85,4
Breakout sound power at Max speed at 60 Hz LWA [dB (A)]	62,9	Sound power at extract side at Mid speed LWA [dB (A)]	78,5
Breakout sound power at Mid speed at 60 Hz LWA [dB (A)]	57,3	Sound power at extract side at Min speed LWA [dB (A)]	59,9
Breakout sound power at Min speed at 60 Hz LWA [dB (A)]	42,7	Sound power at supply side at Max speed LWA [dB (A)]	65,1
Breakout sound power LWA at Max speed [dB (A)]	65,1	Sound power at supply side at Mid speed LWA [dB (A)]	58,1
Breakout sound power LWA at Mid speed [dB (A)]	58,1	Sound power at extraction side at Max speed at 60 Hz LWA [dB (A)]	83
PER INFORMAZIONI / FOR INFORMATION		Sound power at extraction side at Mid speed at 60 Hz LWA [dB (A)]	77,1

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 16141

## CA 125 MD E RF

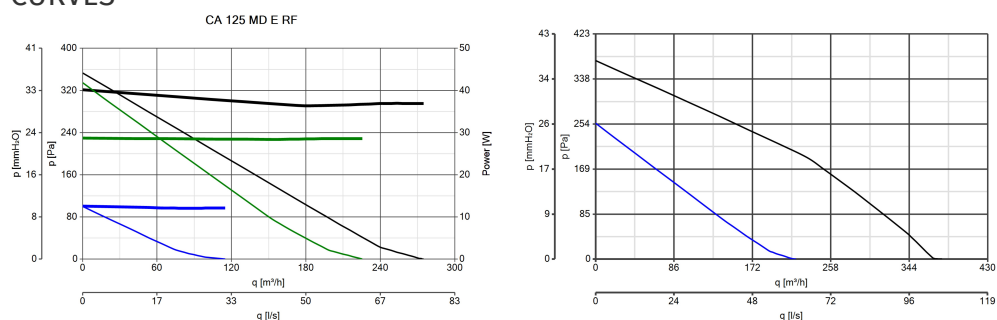
Centrifugal duct fans for roof mounting



### DESCRIPTION

- Pickled and phosphated steel housing/roof mounting plate with polyester powder-coated finish, resistant to the aggressive action of atmospheric agents.
- Nominal diameter 125 mm.
- 3 speed fan through TRIO-CA optional control (cod. 12869), 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 fixing brackets.

### CURVES



### ACCESSORIES



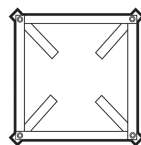
#### KIT SCB (TRASF.E.C.)

Code 22481



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

Code 22755



#### CARF-C 125 (CONTROTELAIO DI BASE)

Code 22543



#### C TEMP

Code 12992



#### C SMOKE

Code 12993



#### C HCS

Code 12994



#### C PIR

Code 12998

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

Code 12999

Code 12866

**503**

Code 12891