

# Technical Data Sheet

CODE 16121

## CA 125 MD E W

Centrifugal duct fans for wall 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 (m <sup>3</sup> /h)	170
Insulation class	II°	Max pressure at 60 Hz (mmH2O)	36,9
IP	44	Max pressure at Max speed (mmH2O)	33,5
Max absorbed current at maMinx speed at 60 Hz (A)	0,16	Max pressure at Max speed (Pa)	329
Max absorbed current at Max speed (A)	0,22	Max pressure at Max speed at 60Hz (Pa)	362
Max absorbed current at Max speed at 60 Hz (A)	0,26	Max pressure at Mid speed (mmH2O)	31,7
Max absorbed current at Mid speed (A)	0,20	Max pressure at Mid speed (Pa)	311
Max absorbed current at Mid speed at 60 Hz (A)	0,24	Max pressure at Mid speed at 60Hz (mmH2O)	31,1
Max absorbed current at Min speed (A)	0,15	Max pressure at Mid speed at 60Hz (Pa)	305
Max absorbed power at Max speed (W)	42	Max pressure at Min speed at 60Hz (mmH2O)	10,1
Max absorbed power at Max speed at 60 Hz (W)	45	Max pressure at Min speed at 60Hz (Pa)	99
Max absorbed power at Mid speed (W)	30	Max RPM	2165
Max absorbed power at Mid speed at 60 Hz (W)	35	Max speed at 60 Hz (Rpm)	2030
Max absorbed power at Min speed at 60 Hz (W)	16	Mid speed at 60 Hz (Rpm)	1720
Max ambient temperature for continuous operation (°C)	50	Min RPM	950
Nominal diameter (mm)	125	Min speed at 60 Hz (Rpm)	1065
Power absorbed at 1st speed (W)	13	Potenza sonora at supply side at Min speed LWA [dB (A)]	51,8
Voltage (V)	220-240	Pressure at 1st speed (mmH2O)	8,7
Weight (Kg)	3,3	Pressure at 1st speed (Pa)	85
Airflow at 1st speed (l/s)	43	RPM at Mid speed	1820
Airflow at 1st speed (m <sup>3</sup> /h)	155	Sound power at extract side at Max speed LWA [dB (A)]	82,8
Breakout sound power at Max speed at 60 Hz LWA [dB (A)]	55,2	Sound power at extract side at Mid speed LWA [dB (A)]	77
Breakout sound power at Mid speed at 60 Hz LWA [dB (A)]	49,9	Sound power at extract side at Min speed LWA [dB (A)]	62,1
Breakout sound power at Min speed at 60 Hz LWA [dB (A)]	32,3	Sound power at supply side at Max speed LWA [dB (A)]	74
Breakout sound power LWA at Max speed [dB (A)]	57,4	Sound power at supply side at Mid speed LWA [dB (A)]	67,8
Breakout sound power LWA at Mid speed [dB (A)]	51	Sound powerat at extraction side at Max speed at 60 Hz LWA [dB (A)]	81
Breakout sound power LWA at Min speed [dB (A)]	40,7	Sound powerat at extraction side at Mid speed at 60 Hz LWA [dB (A)]	75,7
breakout sound pressure at 3m at Max speed at 60 Hz Lp [dB (A)]	37,6	Sound powerat at extraction side at Min speed at 60 Hz LWA [dB (A)]	64,2
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	39,8	Sound powerat at supply side at Max speed at 60 Hz LWA [dB (A)]	71,9
<b>PER INFORMAZIONI:</b>		Sound powerat at supply side at Mid speed at 60 Hz LWA [dB (A)]	66,5
<b>Servizio al Cliente:</b> tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)			53,5
<b>Pre &amp; Post Vendita:</b> fax +39 02 90699302			
<b>Email preventida:</b> preventida@vortice-italy.com			63,5

# Technical Data Sheet

CODE 16121

## CA 125 MD E W

Centrifugal duct fans for wall mounting

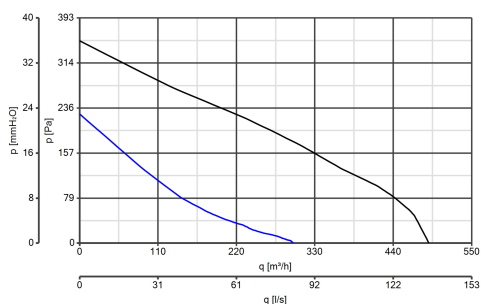
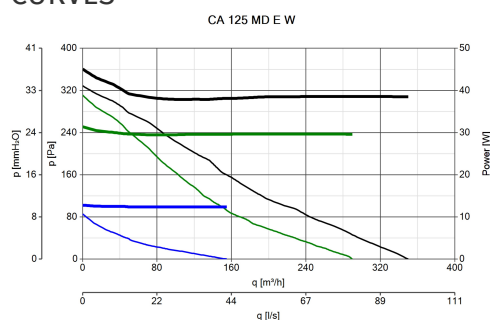


### DESCRIPTION

- Pickled and phosphated steel housing/wall mounting plate with polyester powder-coated finish, resistant to the aggressive action of atmospheric agents.
- Nominal diameter 125 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



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

Code 22755



#### C TEMP

Code 12992



#### C SMOKE

Code 12993



#### C HCS

Code 12994



#### C PIR

Code 12998



#### C TIMER

Code 12999



#### PER INFORMAZIONI:

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

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

IO-LINEO

**(PERSIANA  
GRAVITA')**

Code 50150

**(TELAIO CON  
RETE ANTINF.)**

Code 51150

Code 12866

**503**

Code 12891