



# Acoustic cabinet fans **CVAB / CVAT Series**

**CVAB/4-700/200 \*230V 50\*  
VE**



Range of in-line cabinet fans, manufactured from galvanised steel sheet with double thickness side panels internally lined with 17 mm thickness of fireproof fibreglass acoustic insulation (M0). All models incorporate backward curved centrifugal impellers, dynamically balanced and are supplied with circular duct connection flanges and remote terminal box. Available, depending upon the model, with single phase or three phase motors in 4 or 6 poles.

## **Motors**

All the motors are IP55, Class F(1) insulation, with thermal protection (2).

Electrical supply:

Single phase 230V-50Hz.

Three phase 230/400V-50Hz.

(See characteristics chart).

Three phase motors are speed controllable by inverter.

(1)

Air stream temperature limits -40°C to +70°C.

Models /4-9000 and /6-6000 to /6-17000 suitable for usage in environments up to +40°C).

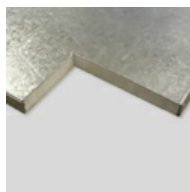
(2)

Except models 6000 to 17000.

## **+ Attributes**



**Backward curved centrifugal impellers** To prevent accumulation of dirtiness. Dynamically balanced.



**Low noise level**  
Double thickness side panels internally lined with 17 mm thickness of fireproof fibreglass acoustic insulation (M0), to reduce significantly the radiated noise.



**Cabinet air tightness**  
All models incorporate inlet and discharge circular duct connection flanges with integrated rubber air seal.



**Robustness**  
Quality finished aluminium duct corners providing a great robustness.



**Anti-vibration mounts**  
To reduce vibration and noise transmissions to the installation.

## + Acoustic characteristics

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## + Technical characteristics

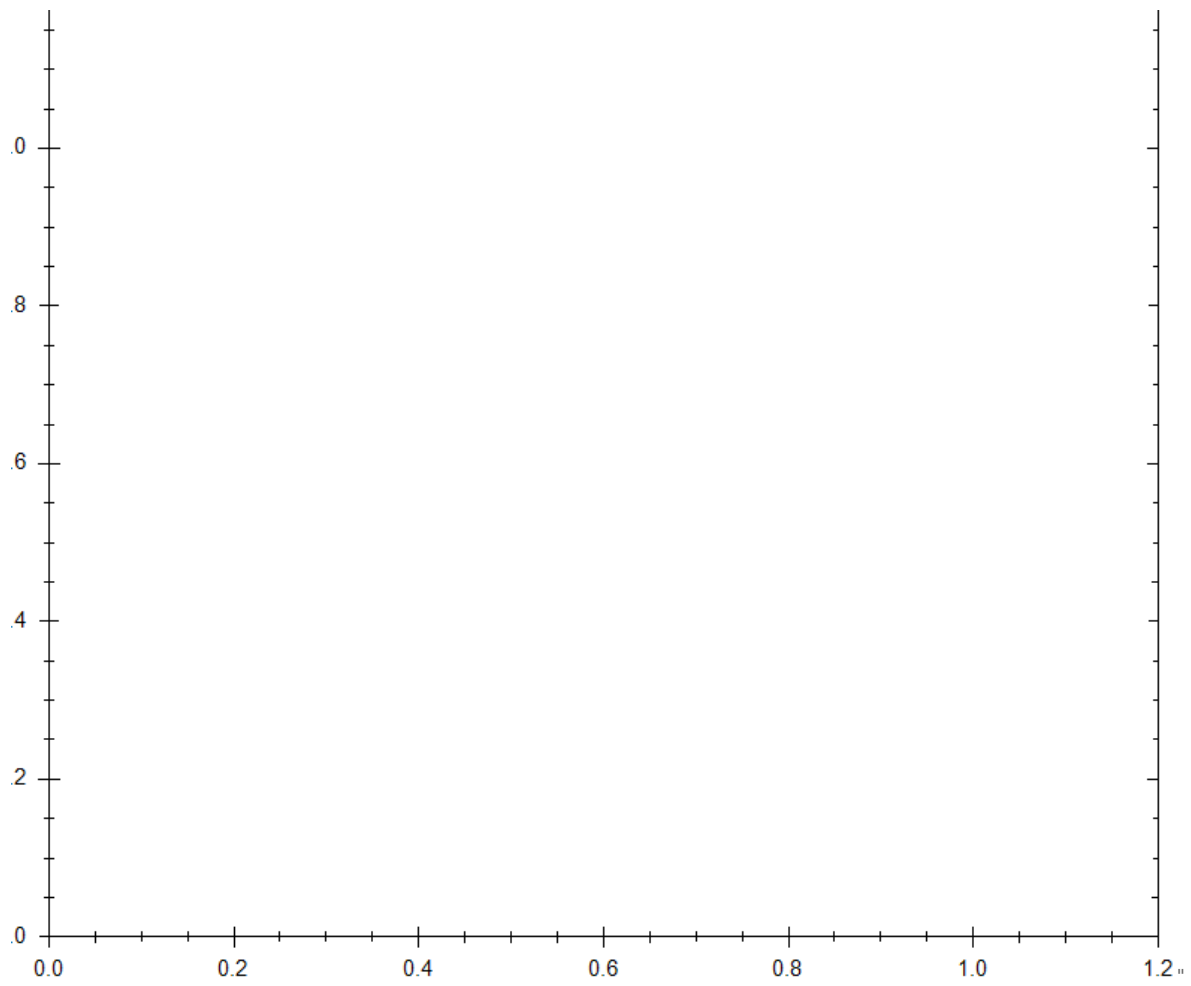
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## + Dimensions

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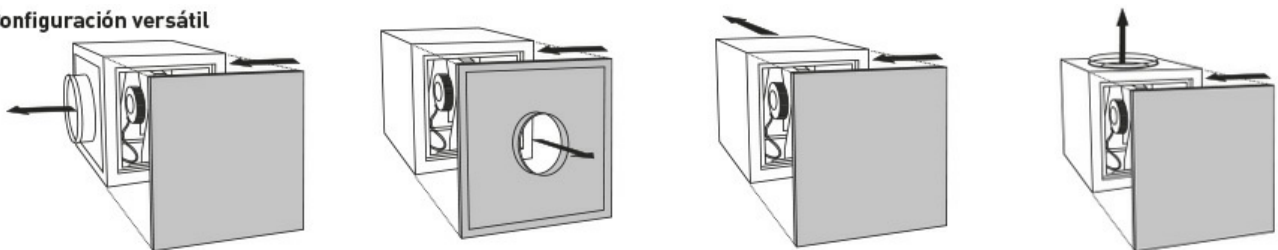
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## + Curves



## + Configuration

Configuración versátil



## + Mounting Accessories



**MBE**  
Electric heaters.



**MBW**  
Hot water coil.



**MFL-G4**  
Filtration boxes.



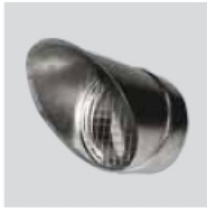
**SIL**  
Sound attenuators.



**ACOPEL F400 N**  
Circular flexible connector.



**CRC**  
Circular reducers.



**APC**  
Discharge protection guards for direct connection to the inlet-outlet flange (for more information see Mounting accessories).



**CTI CVA**  
**Outdoor cover**  
For outdoor installations.

## + Electrical Accessories



**REB**  
Single phase electronic speed controllers.



**REB-5**  
Single phase electronic speed controllers.



**RMB/RMT**  
Single and three phase auto transformer speed controllers.



**ON/OFF ELECTRICAL ISOLATION SWITCH**  
- Switch ON/OFF 5P  
- Switch ON/OFF 8P



**TG-K330**  
Duct temperature sensor.



**PULSER**  
Single phase/three phase electric heater controller.



**TTC-2000**  
**TTC-2000 + TTS-1**  
Three phase electric heater controller.  
The TTC-2000 needs an external temperature sensor to control the heater (TG-K300 or TG-R530).



**VFTM IP54**  
Adjustable frequency drives for three phase motors from 0,37 to 15 kW.



**VFKB IP65**  
Adjustable frequency drive for three phase motors from 0,37 to 4 kW.