

**Ultra-quiet low consumption circular duct fans
TD-SILENT ECOWATT CAV Series**

TDSILENT ECO-CAV

Low profile "Mixed-flow" fans with sound-absorbent insulation, extremely quiet, fan casing manufactured in plastic material, with a specially designed internal skin to direct the sound waves at the right angle for them to be captured by sound-absorbent material, fitted with flexible rubber seals on the inlet and outlet to absorb vibrations, with an external connection box, a body that can be removed without dismantling the adjacent ducting and therefore facilitating any installation or maintenance.

Brushless EC motor, high efficiency and low consumption, suitable for single phase supply 230V±15%/50-60Hz, IP44, thermal overload protection.

Equipped with a variable airflow sensor that allows the creation of a plug&play system of constant air volume (CAV).

Airflow set point adjustable in terminal box.

Analogue input to control the fan with an external signal 0-10V.

Prepared to work from -20 to +40°C.



Attributes



Low profile - compact

Low profile fans TD SILENT ECOWATT CAV are ideal for installations where space is very limited, especially in ceiling voids.



Low noise level

Sound waves produced inside the TD, are directed through the perforated inner skin (1) and absorbed by the layer of sound absorbent material (2).



Easy maintenance

Detachable fan unit for maintenance, or cleaning, without demounting duct connections.

Plastic clamping flanges make the operation easier.



Connection box rotated 360°

Connection box can be rotated 360°, to facilitate easy connection of the power cable.

**Rubber seals**

Bi-material inlet and outlet incorporating a rubber seal to facilitate installation and absorb vibrations.

**Support bracket**

Support bracket for installing on a wall or ceiling, incorporating twin-material support brackets for the motor section that absorbs vibration.

**Easy to mount**

Loosen and open clamps on both sides.

**Easy to mount**

Remove the fan body.

**Easy to mount**

Remove the terminal box lid.



Easy to mount
Connect electrical supply.



Easy to mount
Remount the fan body by tightening the clamps.