



Acoustic Cabinet Fans

CVAB-N / CVAT-N Series

CVAT-N

Range of direct drive backward curved centrifugal cabinet fans designed for ventilation of commercial kitchens and industrial applications.

Cabinet fan manufactured from aluminium profiles and double thickness side panels internally lined with 25 mm thickness of fireproof fiberglass acoustic insulation.

Circular duct connection flange on the inlet and outlet. CVAB-N/CVAT-N incorporates direct drive backward curved centrifugal impeller, manufactured from aluminium (CVAB-N) or steel (CVAT-N) sheet, with motor fitted inside the air stream.

Motors

CVAB-N

Single-phase external rotor motors 230V 50Hz, IP55, class F, with thermal protection, speed controllable by tension.

Working temperature from -40°C to 60°C.

CVAT-N

Three-phase 4 and 6 pole motors 230/400V 50Hz, IP55, class F, with thermal protection (PTC), speed controllable by inverter.

Working temperature from -20°C to 40°C.



ATEX

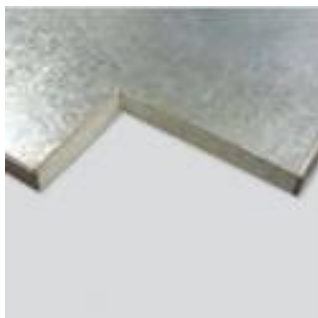
On request, explosion proof versions in accordance to ATEX Directive, for three phase models. Working temperature from -20°C to +40°C. ATEX Flameproof - Gas: In standard ATEX version flameproof motors are without thermal protection. If used with frequency inverter, flameproof motors with a PTC-type thermal protection must be specified at order. II 2G Exd IIB T4 II 2G Exd IIB+H2 T4 (with motor Exd IIC T4) ATEX Increased safety - Gas: II 2G Exe IIC T3 To select CVAT-N ATEX refer to performance curves, or Easyvent. Note electrical data may vary for ATEX motors.

Attributes



Backward curved centrifugal impellers

To prevent accumulation of dirtiness. Dynamically balanced.



Low noise level

On request, double thickness side panels lined with 25 thickness of fireproof fiberglass acoustic insulation.

**Robustness**

Quality finished aluminium profiles and plastic corners providing a great robustness.

**IP55 external terminal box**

To facilitate electric connection.

