



BELT DRIVEN CABINET FANS CVTT Series

CVTT

Range of forward curved belt drive cabinet fans manufactured from galvanised steel sheet, internally lined with melamine acoustic insulation (M1). All models incorporate a double inlet low pressure centrifugal fan mounted on anti-vibration mounts and flexible coupling at the discharge. Supplied as standard in horizontal discharge (code H) configuration with motor, pulley and belt assembly on the right hand side of the unit when viewed from the discharge end.

Motors

All motors are IP55, class F insulation. Electrical supply: Three phase 220-240/380-415-50/60* Hz up to 3 kW. (*Check Easyvent for 60Hz available models) Three phase 380-415V-50Hz, for higher power motors and two speed motors. (See characteristics chart)

Single phase 230V-50Hz, with a maximum of 1,5 kW (CVTB version). All motor up to 2,2 kW are mounted onto the fan casing scroll.

All motor above 3 kW are mounted onto an adjoining support frame.

All three phase motors are speed controllable by frequency inverter.

On request The belt-driven assembly can be supplied at the left hand side of the unit (TI version), Vertical discharge (code V) configuration.

Models fitted with circular inlet flanges.

Double thickness (double skin) panels with acoustic fireproof insulation (M0) of 17mm thickness fiberglass.

Two speed motors (4/8 and 4/6 poles).



ATEX

ATEX versions On request, explosion proof versions in accordance to ATEX Directive, for three phase models up to 11 kW:- 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 Ex d IIB T4 II 2G Ex d IIB+H2 T4 (with Ex d IIC T4 motor)- ATEX Increased safety-Gas: II 2G Ex e II T3 CVTT ATEX versions are supplied without melamine insulation. To select CVTT refer to performance curves, or Easyvent. The consumption data (A, W) of ATEX products may vary from the data shown in technical characteristic charts.

Attributes



Low noise level

Acoustic insulation of 7 mm thickness flame retardant (M1) melamine foam reducing the noise level significantly.



Flexible coupling at the discharge

To reduce vibration and noise transmissions to the installation.



Robustness

Quality finishing, with aluminium corners providing a high robustness.



Versatile outlet discharge

Vertical discharge models available under request.



Anti-vibration mounts

The fan is mounted on base frame with silent-blocks to reduce vibration and noise transmissions to the installation.