



Centrifugal roof mounted fans

MAX-TEMP CTVB / CTVT Series - Vertical discharge

MAX-TEMP CTVB/CTVT

<p>Range of centrifugal roof mounted fans in vertical discharge format, designed for smoke extraction in fire conditions and certified F400-120 (1). Suitable for air stream temperature up to 120°C.
- Base manufactured from galvanised sheet steel.
- High efficiency centrifugal backward curved impeller manufactured from galvanized sheet steel.
- Cowl manufactured from spun aluminium.
- All models incorporate bird-proof guard
- Available, depending on the model, in 4, 6 or 4/8 poles.
(1) Except 180 and 200 models

Motors Models from 180N to 400N -

Single-phase, single-speed motor 220- 240V50Hz, IP55, class F, with safety thermal overload protection*. Speed controllable by voltage**.
- Three-phase single-speed motor 220-240/400-415V-50Hz, IP55, class F, with safety thermal overload protection*. Speed controllable by frequency inverter and by voltage**.
- Three-phase 2-speed motor 380- 4150V50Hz, 4/8 poles, IP55, class F, with safety thermal overload protection*.

Models from 450N to 630N - Three-phase single-speed motor

220-240/400-415V-50Hz, IP55, class F. Speed controllable by frequency inverter*.
- Three-phase 2-speed motor 380- 4150V50Hz, 4/8 poles (only 450N), IP55, class F.

Model 630H, 710N and 710H - Three-phase single-speed motor

400-415V-50Hz, IP55, class F. Speed controllable by frequency inverter*.

* When thermal protection are connected, the electrical installation must be equipped with a security system that, in case of fire, allows the maximum speed of the fans whatever the current state of the thermal protection.
** When using a speed controller, the electrical installation must be equipped with a security system that allows, in case of fire, the maximum speed of

the fans. Additional information 180N, 200N and 225N models

are specially designed for extracting smokes from fireplaces.
Three-phase 2-speed motor 380-450V 50Hz, 6/12 poles (from 450N to 710H) on demand.</p>



Attributes



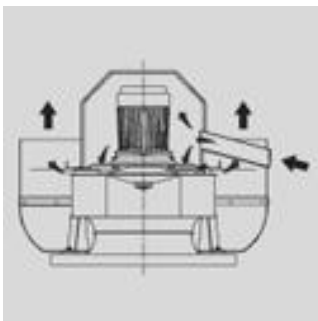
Cooling duct

Enables the motor cooling when the fan is extracting air at an extremely high temperature.



Easy to install

Supports easing the installation on the roof.



Self cooling system

Special design in order to cool the motor and to extend the life of the assembly.



Backward curved centrifugal impellers

To prevent accumulation of dirt. Models up to 400 are manufactured from galvanised steel sheet. Models from 450 to 630 in sheet steel protected against corrosion by cataforesis primer and black polyester paint finish.



Bird-proof guard