



Axial flow cabinet fans CHGT Series

CHGT

Axial flow cabinet fans designed for smoke extraction in fire conditions and certified F400-120 and F300/F200-120 (CE marked).
Casing manufactured from heavy gauge galvanised sheet steel internally lined with 25mm thickness fireproof fibreglass acoustic insulation (M0).
Variable pitch angle impeller, dynamically balanced to ISO 14694: G6.3, made from high grade aluminum. Hubs made from aluminium or pressed sheet steel, depending on diameter and temperature requirements.
Standard air operation temperature range: -20°C to +40°C.
Check EasyVent to select the most suitable configurations for the installation, and obtain the corresponding datasheets.

MotorsSingle speed in 4 poles. Two speed in 4/8 poles. IE3

efficiency category from 0,75kW onwards, IE2 minimum for lower kW motors.
Not applicable to 8 pole or two speed motors.
F300-120 & F400-120 motors are IP55, class H insulation.
Electrical supplies:
Three phase 220-240/380-415-50/60Hz up to 3 kW.
Three phase 380-415V-50Hz, for higher power motors and two speed motors.
Suitable for inverter control.
In emergency operation, no need for DOL or de-rating, as long as the VFTM range of VSDs is used, and/or requirements defined in EN

12101-3 are followed. 60Hz versions available in EasyVent. Other

data

Standard air direction Motor-Impeller (Form A).

For horizontal airflow installation. On request Two speed in 2/4, 4/6 or 6/12

poles. Motors provided with PTC thermistor or space heaters.



Attributes



Highly versatile range due to different number of available blades and adjustable pitch angles

Impellers with 3, 5, 6, 7 or 9 blades with adjustable pitch angles, allowing the most optimum selection to achieve with every kind of instal



Motor approved S1 and S2

F400-120 or F300-120 certified motors approved for running continuously (S1) or for emergency operation (S2).



Corrosion resistance

Casings manufactured from galvanised sheet steel.
Design enables the casing side panels to be removed and the motor/impeller assembly accessed.



Easy to install

Robust base supports facilitate the installation.
(Models from 900 to 1250)



Impeller dynamically balanced

Impeller dynamically balanced, according to ISO 1940 standard, providing vibration free operation.



Wide blade design: higher pressure

Wide blade design to ensure the highest efficient airflow performances.
Configuration 1: models from 400 to 630 (F400) or 800/6 (F300).
Configuration 2: models from 710 (F400) or 800/9 (F300) to