



Short casing



Long casing
(L version)



Range of adjustable pitch aerofoil blade, cased axial flow fans designed for smoke extract in fire conditions and certified F400-120, F300-120 and F200-120 (CE marked).

Casings formed from rolled sheet steel with a corrosion resistant hot dipped galvanised finish for all models. All models F400-120 except 2 poles incorporate separate high grade die-cast aluminium blades locked within an aluminium injected hub (diameters from 400 to 630) or a pressed sheet steel hub. (diameters from 710 to 1250).

F300-120 and F200-120 models incorporate an aluminium injected hub (diameters from 400 to 800) or a pressed sheet steel hub. (diameters from 900 to 1250).

2 POLES F400-120 model with aluminium impeller / hub formed from a one piece casting.

All models are available in both short and long casing versions except 2 poles F400-120 model only supplied with long casing.

Long casing versions (L) include an external terminal box.

Suitable for horizontal or vertical mounting installation.

Motors

Available, depending upon the model:

- with three phase motors in 2, 4 or 6 poles.
- with three phase two speed motors, 2/4, 4/8 or 6/12 poles.

F400-120 motors are IP55, class H insulation.

F300-120 motors are IP55, class H insulation.

F200-120 motors are IP55, class F insulation.

Electrical supplies:

Three phase 230/400V-50Hz up to 3 kW.

Three phase 400V-50Hz, for higher power motors and two speed motors.

(See characteristics chart).

Motors suitable for inverter control.

In emergency operation, direct protected power supply.

On demand: 4/6 poles 2-speed motors.

Specific applications



Officially approved to EN12101-3 standard. Certificate n° 0370-CPD-0348



ON REQUEST Officially approved to EN12101-3 standard. Certificate n° 0370-CPD-0742



ON REQUEST Officially approved to EN12101-3 standard. Certificate n° 0370-CPD-0349

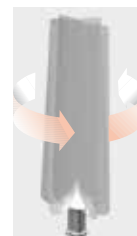


Car Parks
Industrial kitchens

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 installation requirements.





Cased axial fan rated F400-120 for smoke extract in fire condition. Long casing formed from rolled sheet steel with a corrosion resistant hot dipped galvanised finish. Aluminium Impeller / hub formed from a one piece casting, dynamically balanced.

Motors

Available, depending upon the model:

- with three phase motors in 2 poles.
- with three phase two speed motors in 2/4 poles.

F400-120 motors are IP55 - Class H insulation and external terminal box, situated out of the airflow.

Electrical supplies:

Three phase 230/400V-50 Hz up to 3 kW.

Three phase 400V-50Hz, for higher power motors and two speed motors.

Specific applications



Officially approved to EN12101-3 standard. Certificate n° 0370-CPD-0741



Car Parks



Industrial kitchens



Terminal box

External terminal box for ease of connection.



Impeller dynamically balanced

Aluminium impeller manufactured from one piece casting. Dynamically balanced, according to ISO 1940 standard, giving vibration free operation.



Motor approved S1 and S2
F400-120, F300-120 or F200-120 certified motors approved for running continuously (S1) or for emergency operation (S2).



Corrosion resistance
Casings formed from rolled sheet steel with a corrosion resistant hot dipped galvanised finish.



Motor support
Manufactured from electrowelded sheet steel. F400-120 models from 400 to 800. F300-120 and F200-120 models from 400 to 800.



Aerodynamic motor support
Aerodynamic design of the motor support to optimise airflow performances models from 900 to 1250.



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.
F400-120: Configuration 1: from 400 to 630 models.
Configuration 2: from 710 to 1250 models.
F200-120 / F300-120: Configuration 1: from 400 to 800 models.
Configuration 2: from 900 to 1250 models.



Terminal box
External terminal box for ease of connection (Long casing version).

REFERENCE

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1					2			3				4	5			6	7		8

- 1 - Product range.
- 2 - Number of poles.
- 3 - Diameters.
- 4 - Number of blades.
- 5 - Blade pitch angle.
- 6 - Airflow direction: B (Impeller-Motor) / A (Motor-Impeller).
- 7 - Blank: with short casing without external terminal box.
K: with short casing with external terminal box.
L: with external terminal box.
LP: without external terminal box and with inspection box.
- 8 - Motor power.