



Plate mounted axial flow fans

COMPACT HCFB / HCFT Series - Plastic impellers

HCFB/HCFT

Range of low profile plate mounted axial fans fitted with plastic impellers with fiberglass, single phase motor (HCFB) or three phase motor (HCFT), IP65 (1), Class F insulation (2), equipped with thermal protection (3).

(1) 2 pole motor and Ø 800, 900 and 1000 models are IP55.

(2) Working temperatures from -40°C up to +70°C. Except models 4-710 suitable up to +55°C and models Ø 800 to 1000 suitable for usage in environments from -20°C to +40°C.

(3) Except models 800 to 1000.

Motors

Available, depending upon the model, with single or three phase motors in 2, 4 or 6 poles.

All motors are speed controllable by autotransformer except 2 pole and /4-630, 710, T/800, T/900 and T/1000.

Three phase models are speed controllable by inverter.

Electrical supplies: Single phase 220-240V-50Hz.

(Capacitor located inside the wiring terminal box).

Three phase 220-240/380-415V-50Hz or 380-415V-50Hz.

(See characteristic chart).

Additional Information

Standard air direction: form (A) configuration.

(Motor over Impeller).

On request

Inlet finger proof guard for models Ø 800 to 1000.



Attributes



Compact design

Compact design created by the combination of the motor with the factory matched direct drive wrap around impeller hub.



Corrosion resistance

Mounting plate, motor support and finger proof guard protected by cataforesis primer and black polyester paint finish. Stainless steel screws.

**Terminal box**

Wiring terminal box with cable gland PG-11.

**Impeller dynamically balanced**

Impellers are dynamically balanced, according to ISO 1940 standard, giving vibration free operation

**Manufacturing variations**

Multiple manufacturing variations, depending on the type of installation and use conditions.



Configuration for models Ø 800 to 1000 Special design of motor over impeller, which provides compactness and tightness IP55.