



## Roof Mounted Axial Flow Fans HCTB / HCTT Series

### HCTB/HCTT

Range of axial roof fans with horizontal air discharge configuration available in 2 version:

-“B” models for air extract.

-“A” models for air supply.

Base manufactured from galvanized sheet steel.

Cowl manufactured from spun aluminium. The impellers for models 315 to 400 are manufactured from one piece injection moulded plastic, reinforced with chemical anchored fibreglass for additional strength. Models 450 to 1000 incorporate separate plastic blades locked within a die cast aluminium hub.

Available, depending upon the model, with single or three phase motors in 4, 6, 8 or 4/8 poles.

#### Motors

All motors are IP65 (1) Class F (2) with thermal protection (3) and ball bearings greased for life.

Electrical supply:

-Single phase 230V-50Hz (Capacitor located inside the wiring terminal box).

-Three phase 400V-50Hz.

(See characteristics chart).

All single phase models are speed controllable by voltage except HCTB/4- 560, HCTB/4-630.

All three phase models are speed controllable by autotransformer, except models HCTT/4-560, HCTT/4-630, Ø 710 to 1000.

Three phase models, 1 speed motor, are speed controllable by inverter.

(1) 800 to 1000 models are IP55.

(2) Air stream temperature limits -40°C to +70°C (except models 800 to 1000 suitable for usage in environments from -20°C to 40°C).

(3) 800 to 1000 models are not equipped with thermal protection.

#### Applications

Industrial process ventilation, agricultural facilities, swimming pools and data centers.



### ATEX

HCTT ATEXATEX versions available for 3 phase models. For ambient working temperatures from -20°C to +40°C. Motors IP55, class F.- 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. Only available for 800 to 1000 models II 2G Ex d IIB T4

### Attributes



#### Easy to install

Supports to facilitate installation in the roof.



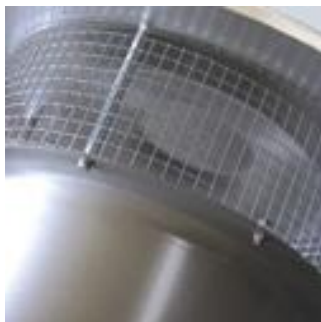
**High quality steel sleeve**  
Ensuring the long life of the fan.

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

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**Bird-proof guard.**