



Portable Cooling Fans

COMPACT PBB / PBT Series

COMPACT PBB/PBT

Range of industrial cooling fans designed to provide high volumes of air.

The fan casing is formed from heavy gauge rolled sheet steel with the motor support manufactured from steel rod and electro-welded for increased strength. The fan assembly is supported by a robust cold formed tubular steel stand. The whole assembly is protected by cataforesis primer and black polyester paint finish.

Plastic impellers dynamically balanced manufactured in a UV stabilised injection moulded plastic with reinforced fibreglass resistant to many chemical and abrasive airstreams. All models are fitted with robust steel wire finger guards on both the inlet and outlet sides of the fan.

All wiring connections are made via an IP65 rated terminal box fixed to the exterior of the casing and provided with 2 poles On/Off switch.

Motors

All the motors are IP65, Class F insulation (1), equipped with thermal protection.

Three phase motors are speed controllable by inverter.

All motors are speed controllable except /4-630 model.

Electrical supplies:

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

-Three phase 230/400V-50Hz.

(1) Class F insulation: working temperatures from -40°C up to 70°C.

Additional Information

Standard air direction: form (B) configuration (Impeller over Motor).



IP65

IP65

Attributes



Inlet bellmouth

Aerodynamic design of the inlet bellmouth to optimise airflow performance and minimise noise level



Flame retardant terminal box

Wiring terminal box in flame retardant plastic V0 fixed to the exterior of the casing and provided with a two-pole On/ Off switch. Cable gland PG-11



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

