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EXHAUST BLOWER UNITS

Double skin | Floor mounted | Low noise



Choose your air.

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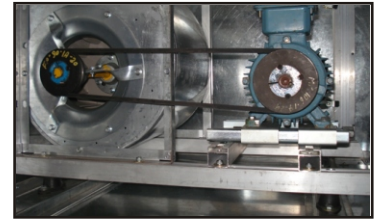
GENERAL DESCRIPTION

Exhaust blower units are equipped with AMCA certified centrifugal blowers to exhaust dusty, smoky, gritty air from the area to be ventilated. These units are designed to operate at the peak of their efficiencies while providing an essentially silent and vibration-free solution to the areas with limited provisions of natural exhaust. When used in conjunction with Fresh Air Units or Air Washers, these units provide an efficient way of ventilating areas such as commercial kitchens and production floors etc.

RANGE : 2000 CFM to 60000 CFM.

CONSTRUCTIONAL FEATURES

FRAME	:	Extruded Aluminum profile and 3D nylon corners etc.
BASE	:	Heavy gauge GSS base frame with cast Al corners
CASING	:	23 ± 2 mm thick, double skin panels made of 0.6 mm sheets with Poly Urethane Foam (PUF) of density 38 ± 2 kg/cu.m injected between the two skins
BLOWERS	:	AMCA certified DIDW type, centrifugal blowers, Common-rail base for blower-motor assembly on vibration isolation pads
MOTORS	:	TEFC type, Three phase motors of standard make
MOTOR STAND	:	Adjustable motor-mounting fixture
PULLEYS	:	Adjustable Taper-Bush type pulleys
CANVAS CONNECTION	:	Flexible connection to isolate blower from unit body



CHARACTERISTICS

DOUBLE SKIN CASING	:	Higher efficiency and low noise
VIBRATION ISOLATORS	:	The units are provided with blower-motor assembly mounted on vibration isolators to make the units vibration free.
PORTHOLE	:	Viewing glass is provided for easier inspection without opening the door.
GASKET SEALED PANELS	:	Low leakage and quiet operation is ensured by using high quality gasket to seal the panels, doors etc.
ADJUSTABLE MOTOR STAND	:	The belt tension can be easily adjusted by screwing or unscrewing the bolt provided on the motor stand.
FLEXIBLE CONNECTION	:	High quality canvas connections prevent vibrations to be carried over from the blower to the unit body.
ADJUSTABLE DRIVE SET	:	Taper lock system in pulleys impart easier fitment and maintenance capabilities to the them.

APPLICATIONS : Commercial kitchens, Warehouses, Generator rooms, Packing Halls, Chemical industries, Toilets, Printing presses, Pharmaceutical industries and other area with limited provision of natural exhaust

OPTIONAL : Limit Switch, Bird Screen



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