

MOTORISED ROOF EXHAUST FAN

Hot air , steam , gas, moisture, carbon dioxide, vaporized chemicals, dust, fungal spores and unpleasant odors generated is accumulated on the roof top area which leads to unhealthy and unpleasant working atmosphere inside working area. BLAZE ENGINEERS have come with Heavy Duty Motorized Roof Exhaust Fan capable of Installation on Roof Top that will forcefully pushing out all indoor air pollution by ejecting the unclean indoor air accumulated on the roof top area into the outside environment and creating a vacuum in the area which lets in clean air from bottom and outside to fill it and creating proper air cycle inside building. It will help crating better atmosphere for people and prevent damage to goods and property due to mildew, chemical etc.



ADVANTAGES

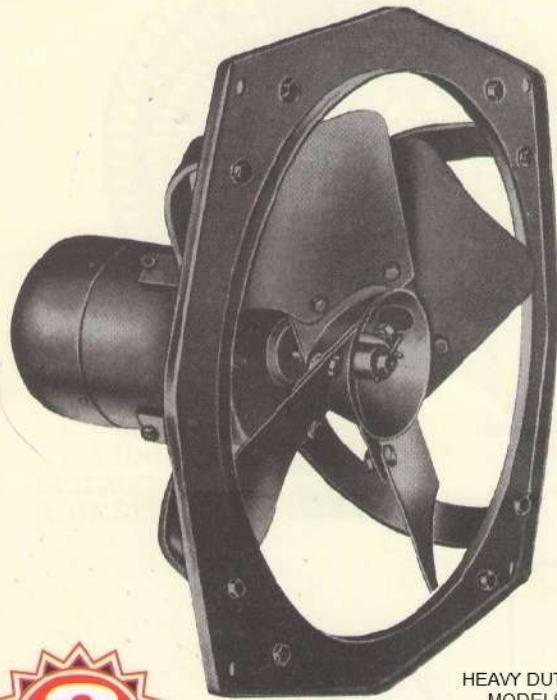
1. HEAVY DUTY EXHAUST FAN MAKE – ALMONARD
2. CAN BE INSTALLED ON ANY EXISTING ROOF SHEET PROFILE
3. SIZES AVAILABLE FROM 457MM (18 INCH) TO 900MM (36 INCH)
4. EXHAUST CAPACITY RANGE FROM 3600 CFM TO 16500 CFM
5. FARICATED IN 4 PICES ASSEMBLY FOR EASY FIXING AND EASY IN MAINTEANCE IN FUTURE.
6. PROVIDED WITH MS FALL PROECTION MESH FOR ABSOLUTE PROECTION

SIZES : 18 INCH (457MM) TO 36 INCH (900MM) AVAILABLE

WE ARE USING FOLLOWING PROVEN BRAND INDUSTRIAL EXHAUST FAN FOR HEAVY DUTY MAINTENANCE FREE OPERATION.

ALMONARD

HEAVY DUTY EXHAUST FANS



HEAVY DUTY MODELS

Totally enclosed, continuously rated motor

Every Almonard Exhaust Fan features a capacitor start and run type motor, continuously rated, totally enclosed and ruggedly built.

Designed specifically for the purpose, the motor has prelubricated double ball bearing and is provided with Class 'A' and 'E' insulation. The end result is a smooth, silent motor that lasts longer and delivers the maximum output at lower operating cost.

Dynamically balanced impeller

The impeller used in an Almonard Exhaust Fan is of the propeller type. And since both hub and impeller are dynamically balanced and frames and arms mounted on rubber bushings, vibrations are virtually eliminated.

Specifications

FAN DIA mm/INCHES	SPEED RPM	INPUT POWER WATTS	PHASE	CURRENT AMPS	MAX FREE AIR DEL. M ³ /HR CFM	SOUND LEVEL dB
300/12" H/D	1400	90	SINGLE	0.43	1710 1000	50-55
300/12" H/D	900	55	SINGLE	0.26	1145 675	35-40
380/15" H/D	1400	160	SINGLE	0.75	3250 1910	60-65
380/15" H/D	1400	160	THREE	0.31	3250 1910	60-65
380/15" H/D	900	100	SINGLE	0.48	2000 1175	50-55
380/15" H/D	900	100	THREE	0.20	2000 1175	50-55
450/18" H/D	1400	410	SINGLE	1.96	6120 3600	65-70
450/18" H/D	1400	360	THREE	0.70	6120 3600	65-70
450/18" H/D	900	145	SINGLE	0.70	3900 2290	55-60
450/18" H/D	900	145	THREE	0.29	3900 2290	55-60
600/24" H/D	700	250	SINGLE	1.20	7100 4175	55-60
600/24" H/D	700	240	THREE	0.48	7100 4175	55-60
600/24" H/D	900	500	SINGLE	2.40	9400 5530	60-65
600/24" H/D	900	500	THREE	0.95	9400 5530	60-65
750/30" H/D	900	900	SINGLE	4.20	12000 7000	70-75
750/30" H/D	900	900	THREE	1.80	12000 7000	70-75
900/36" H/D	700	1200	THREE	2.40	28100 16530	75-80



300, 380 & 450 mm only
Single Phase

NOTE - Design, Specifications and Technical Characteristics are subject to change without notice.

CUSTOMERS CAN SELECT SIZE AND DIA OF FAN AS PER THEIR REQUIREMENT ALL MODEL AVAILBLE IN SINGLE AND THREE PHASE.

ASSEMBLY PARTS

1. BASE PLATE IS MADE OF FRP (FIBRE GLASS REINFORCED PLASTIC) WITH THICKNESS OF 3 TO 4 MM AS PER CUSTOMER ROOF SHEET PROFILE CORRUGATION WITH MS FALL PROJECTION ANGLE ATTACHED FOR SAFETY AND WATER CHANNEL FOR WATER FLOW.



2. MOTOR ATTACHMENT - IT IS BOLTED WITH THE BASE PLATE. DESIGNED IN SUCH A WAY THAT IF ANY MAINTENANCE OR CLEANING OF EXHAUST FAN IN FUTURE REQUIRED YOU CAN EASY REMOVE AND BRING THE FAN DOWN WITHOUT REMOVING BASE PLATE.



3. M S FRAME – AIR FLOW AREA



3. TOP FRP COVER



OUR INSTALLATIONS



BLAZE ENGINEERS

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