



ALMONARO



- Air Circulator
- Man Cooler
- Exhaust Fans
- Air Curtain
- Axial Flow Fan
- Centrifugal Fan

Authorised Dealer for
Industrial range of products

SPARES ™

 **ARUNA**



TEMPEST 450mm (18") PEDESTAL AIR CIRCULATOR

- Adjustable Height
- Strong Streamlined pedestal for greater stability
- Three Speed Control mounted on the column within easy reach of hand



TEMPEST 450 MM (18") WALL MOUNTING AIR CIRCULATOR

- Push button three speed control mounted within easy reach of hand
- Vertical angle adjustment from 22 deg to 45 deg



600mm (24") & 750mm (30") HEAVY DUTY PEDESTAL AIR CIRCULATOR

- Adjustable Height
- Strong streamlined pedestal for greater stability



600MM (24") & 750MM (30") HEAVY DUTY WALL MOUNTING AIR CIRCULATOR

- Vertical angle adjustment from 22 deg to 45 deg

SPECIFICATIONS

Sweep	Volts	AC Cycles	Power Consumption	Speed RPM	Phase	Air Delivery M ³ /Min	No of Blades	No of Speeds
450MM (18")	230	50	100 W	1440	1	150	3	3
600MM (24")	230	50	180 W	1440	1	270	3	1
750MM (30")	230	50	250 W	1440	1	400	3	1



Pedestal Fan



Wall Mounting Tyre

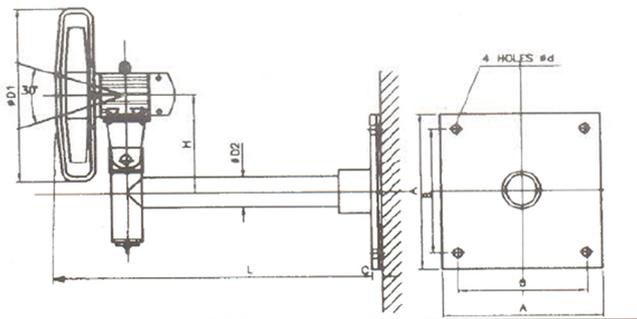


Tubular Type

TECHNICAL SPECIFICATION FOR INDUSTRIAL HEAVY DUTY TYPE MAN COOLER

Sweep MM/ Inches	HP	RPM	Total air delivery 10 times blade sweep (M ³ /Hr)	Minimum Peak air velocity at a distance of 10 times blade sweep (M.min.)	
				10 times blade sweep (M.min.)	10 times blade sweep (M.min.)
450 (18")	0.5	1440	12000	200	150
450 (18")	2.0	2880	24000	250	200
600 (24")	0.75	1440	28000	250	150
750 (30")	2.0	1440	37500	250	150
900 (36")	2.0	960	56000	250	150
900 (36")	3.0	1440	65000	275	175
1200 (48")	7.5	950	74500	250	150

- Motors are generally available for 415V, 3 Phase, 50Hz, AC supply
- Performance figures conform to IS 6272 with tolerances mentioned therein
- Specifications are subject to change without notice due to continuous development and innovation



Type	Size MM/Inch	A	B	C	$\phi D1$	$\phi D2$	L	H	ϕd
WMC - 45	450/18"	250	200	16	500	48	600	250	15
WMC - 60	600/24"	250	200	16	650	48	600	250	15
WMC - 75	750/30"	265	200	16	800	76	560	260	15
WMC - 90	900/36"	265	200	16	950	76	560	272	15



Pedestal Fan



Wall Mounting Tyre

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

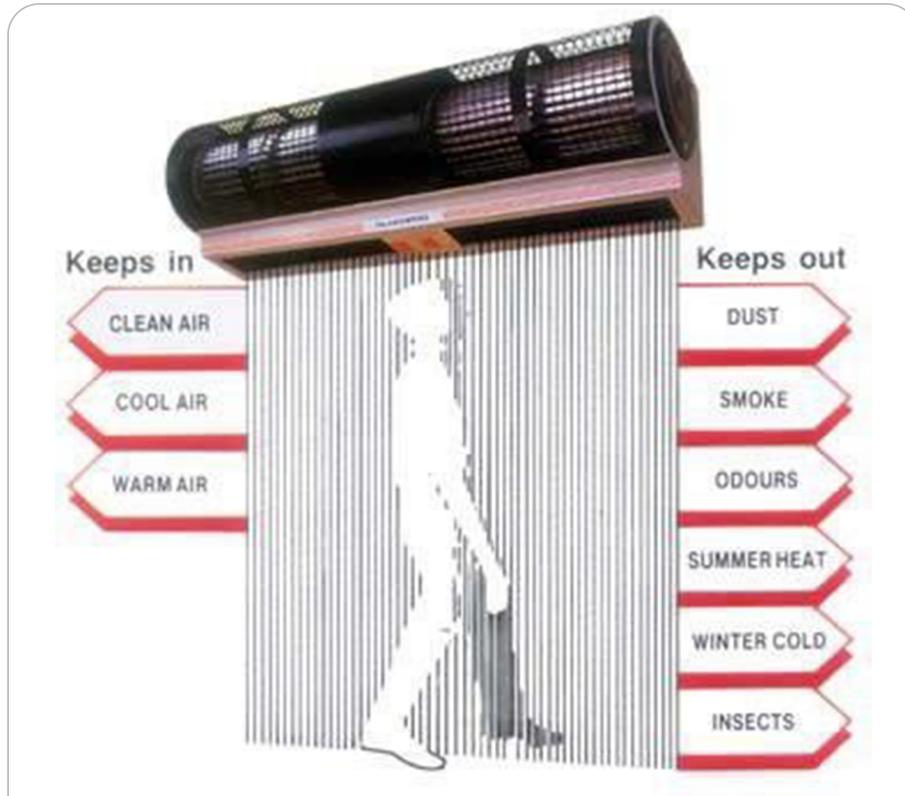
The impeller used in an Almonard Exhaust Fan is of the propeller type. And since both hub and impeller are dynamically balanced and frames and arms mounted on rubber bushings, vibrations are virtually eliminated.

SPECIFICATIONS

Fan Dia MM/Inches	Speed RPM	Input Power Watts	Phase	Current AMPS	Max Free Air Del M ³ /HR	Air Del CFM	Sound Level dB
305/12" H/D	1400	90	Single	0.40	1710	1000	50-55
305/12" H/D	900	50	Single	0.21	1145	675	35-40
380/15" H/D	1400	160	Single	0.75	3250	1910	60-65
380/15" H/D	1400	150	Three	0.45	3250	1910	60-65
380/15" H/D	900	90	Single	0.40	2000	1175	50-55
380/15" H/D	900	100	Three	0.29	2000	1175	50-55
457/18" H/D	1400	410	Single	1.70	6120	3600	65-70
457/18" H/D	1400	410	Three	0.65	6120	3600	65-70
457/18" H/D	900	150	Single	0.65	3900	2290	55-60
457/18" H/D	900	150	Three	0.30	3900	2290	55-60
610/24" H/D	700	240	Single	1.40	7100	4175	55-60
610/24" H/D	700	240	Three	0.50	7100	4175	55-60
610/24" H/D	900	500	Single	2.60	9400	5530	60-65
610/24" H/D	900	500	Three	0.85	9400	5530	60-65
900/36" H/D	900	1200	Three	2.40	28100	165530	75-85

AIR VENT EXHAUST FAN

230/9" H/D	1400	45	Single	0.25	850	500	25-30
305/12" H/D	1350	75	Single	0.31	1400	835	40-45



Salient Features Of 'Almonard Air curtain'

'ALMONARD' Air curtains are designed depending on the air velocities at the nozzle as given below:

- AHV - Single Phase / Three Phase High Velocity Model can be used for industrial purpose where the door height is about 7 feet.
- AEHV - Single Phase/Three Phase Extra high velocity model can be used where higher nozzle velocity is needed & in dusty areas door height is up to 8 feet.
- AIB - Three Phase: (Insect Barrier) To arrest the insect into the room & door height is up to 8 feet.
- Silent Model Very silent operation with 960 RPM motor is ideal for air conditioned shops & malls.
- Smart/Deluxe Silent operation with 1400 RPM motor with smart aesthetic looks. For HITECH Turbo & Blower Air curtain Models refer to us. Velocity range 25-40 m/sec.

1. The casing (shell) of Air curtain is of robust construction
2. The impeller is of aluminium construction with forward curved blades to minimise the air cutting noise. The impellers can be made out of S.S. & with special coating on specific request
3. Easy mounting arrangement with a flat frame which can be fixed on the wall by suitable coach screws
4. Adjustable louvers to streamline air delivery
5. ALMONARD' Air curtains are coupled with sturdy motors for the Continuous duty application
6. VIBRATION FREE-Operation
7. Pre-lubricated both side sealed Bush Bearing/Double ball Bearing to take any load and also for smooth running of Air curtain
8. Elegant look and with superior quality powder-coated finish



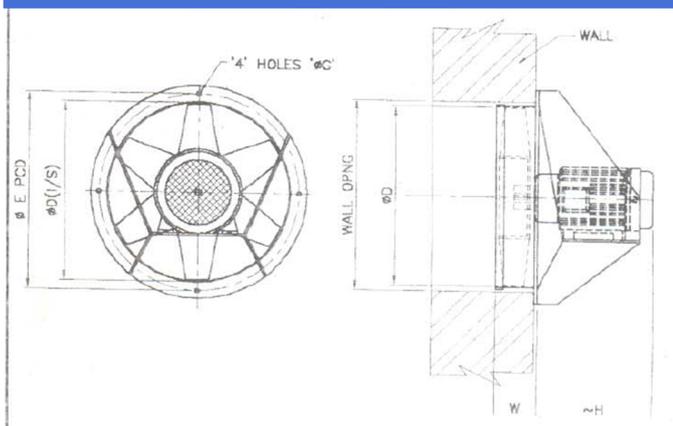
Axial Flow Fan Type:

- Belt Drive
- Bifurcated
- Bell Mouth
- Bed Type
- Duct Type
- Split Type (Marine Duty)
- Roof Fixing
- Wall Mounting

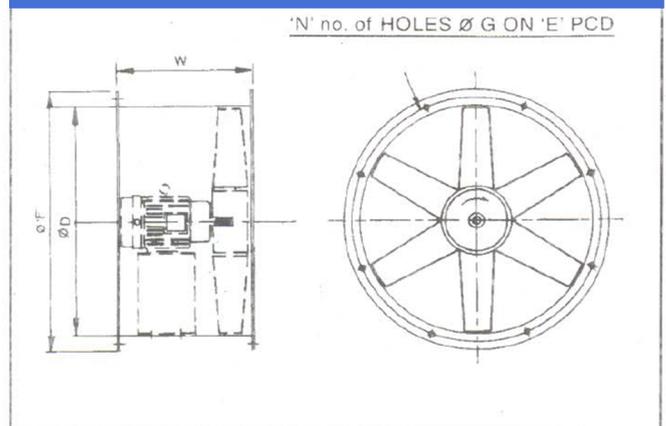
Distinguishing Features:

- High Efficiency
- Aerofoil Design
- Robust Construction to Reduce Vibration
- Low Noise Level
- Special Coating & Lining for casing & impeller (GRP, FRP, PP, RUBBER, EPOXY)
- Low weight/High Strength
- Identical Air performance for all blade impellers
- Vibration free as VDI-2056
- Aerodynamic performance Tested as per IS 3588
- Possibility of reverse direction of air flow by turning the blade through.

DIMENSIONS FOR AW-SERIES



DIMENSIONS FOR AD-SERIES



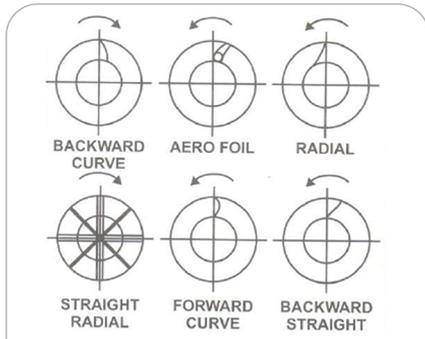
Introduction

Centrifugal fans are used as air moving devices in industrial applications.

Design Features

ALMONARD offers wide range of centrifugal fans with high efficiency impellers based on the application.

- Aerofoil Blades
- Straight blades
- Paddle Type
- Backward Curve
- Backward Straight
- Backward Radial
- Forward Curve



Outstanding Features:

- Dynamically balanced impellers in accordance with VDI guidelines
- High efficiency fans for energy conservation
- Erosion resistant and corrosion resistant fans based on application
- Performance tested as per IS, BS & AMCA standards
- Oil-Free handling of air & gases
- Pressure up to 1200 MM WG in single stage and capacity up to

Extensively Used in:

- Industrial Furnace
- Boilers
- Tobacco Processing Plants
- Power Plant
- Water Treatment Plants
- Sewage (Treatment) Plants
- Chemical Processing Plants
- Dairy Refrigeration Plants
- Cement Plants
- Pneumatic Conveying
- Extra Dying
- Ventilation
- Steel Plants
- Sugar Plants
- Marine Ventilation
- Vacuum Cleaning
- Textile Mill for Humidification & In many other application

Material Of Construction

- Mild Steel (IS-2062)
- Stainless Steel: SS-304/SS-316
- Fibreglass Reinforced Plastic
- MS Lined with FRP
- FRP/PVC/PP
- Aluminium
- MS With Rubber Lining (Ebonite / Butyl)

Brands on Board

