

Feel the Power of Air



• AIR CIRCULATORS • MAN COOLERS • HEAVY DUTY EXHAUST FANS • AXIAL FLOW FANS • CENTRIFUGAL BLOWERS • DOMESTIC FANS



**ALFA**<sup>®</sup>  
HI-QUALITY FANS

Feel the Power of Air

1981 saw the birth of **ALFA ENGINEERING CO.**, a proprietary concern with the objective of manufacturing high quality small domestic fans. Immediate success of ALFA domestic fans led the company of diversity into industrial Fans, Air Circulations and Heavy Duty Exhaust Fans which were well accepted in the highly competitive market, enabling the company to establish a strong presence and create a brand image for ALFA fans which signifies quality, reliability and durability.

Since our establishment in 1981 we have been constantly catering to the needs of our discerning clients. We started our business with the sole motto to provide best of our Products to our clients. The quality of product & services have made us totally distinct from others operating in this sphere. The constant encouragement & support of our domestic clients encouraged us to successfully penetrate the international market. Our products match with all international standards.

All ALFA Fans are available in various models. ALFA Fans are manufactured under best quality control and confirm to ISI specification. We at ALFA fans believe in long-term customer association and can manufacture fans based on individual customer needs and requirements.

**ALFA ENGINEERING CO.** has a wide dealer network spread all over India and has successfully exported its range of fans to the GULF, AFRICAN COUNTRIES, NEPAL and SRI LANKA.

We are customer oriented and our company is driven by its commitment to quality. We encourage and follow vigorous internal assessment to ensure both internal and external quality of our products. The entire dealing process involves stringent quality control tests to make our products totally flawless before they come into market.

We provide the services with a team of highly qualified & skilled professionals to our valued customers. Every member of this team is responsible for the quality of the work and service and has the desire and skills to improve it.

### Client

- Indian Navy
- Indian Railway
- Godrej
- Tata Steel
- JSW Steel
- Jindal Fittings
- Bhushan Steel

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## AIR CIRCULATORS

ALFA'S state of the art mode fans specially designed for air circulation ranging upto 10 meters. These air circulators are designed and crafted with oscillation and height adjustment system by our in-house R&D team.



## AIR CIRCULATORS



Close Mesh



Wall Mount



Pedestal

SWEEP mm / inches	INPUT WATTS	SPEED R.P.M.	VERTICAL TILT		HEIGHT MM		AXIAL AIR THROW Meters	AIR DISP M3/m
			Min	Max	Min	Max		
450 (18")	100	1400	22	45	1100	1400	6	200
600 (24")	190	1400	22	45	1440	1600	12	300
750 (30")	350	1400	22	45	1500	1850	18	500
900 (36")	490	1400	22	45	1900	2200	22	650

## MAN COOLERS

ALFA has designed Man Coolers to provide utmost volume circulation of air, hence resulting in positive feedback from our esteemed clients.

We offer a range of sizes as per customers requirement, which has help us to adapt specific grounds in the fan industry.





## MAN COOLERS



Tubular



Wall Mount



Pedestal

SWEEP mm / inches	H.P.	RPM	TOTAL AIR DELIVERY 10 times blade sweep (M3/HT)	MINIMUM AIR PEAK VELOCITY AT A DISTANCE	
				10 times blade sweep (M/mm)	15 times blade sweep (M/mm)
450 (18")	0.50	1440	14,000	300	150
450 (18")	2.00	2880	30,000	300	200
600 (24")	0.75	1440	30,000	300	150
750 (30")	2.00	1440	39,500	300	150
900 (36")	2.00	960	60,000	300	150
900 (36")	3.00	1440	65,000	275	175
1200 (48")	5.00	960	74,500	250	150

## HEAVY DUTY EXHAUST FANS

ALFA'S heavy exhaust fans are designed and made with high quality material, which is useful at industrial, commercial & domestic sectors.

Designed by our R&D team for the best output results from our product, whether its clock wise or anti-clock wise.





## HEAVY DUTY EXHAUST FANS



Exhaust with Cover



Exhaust

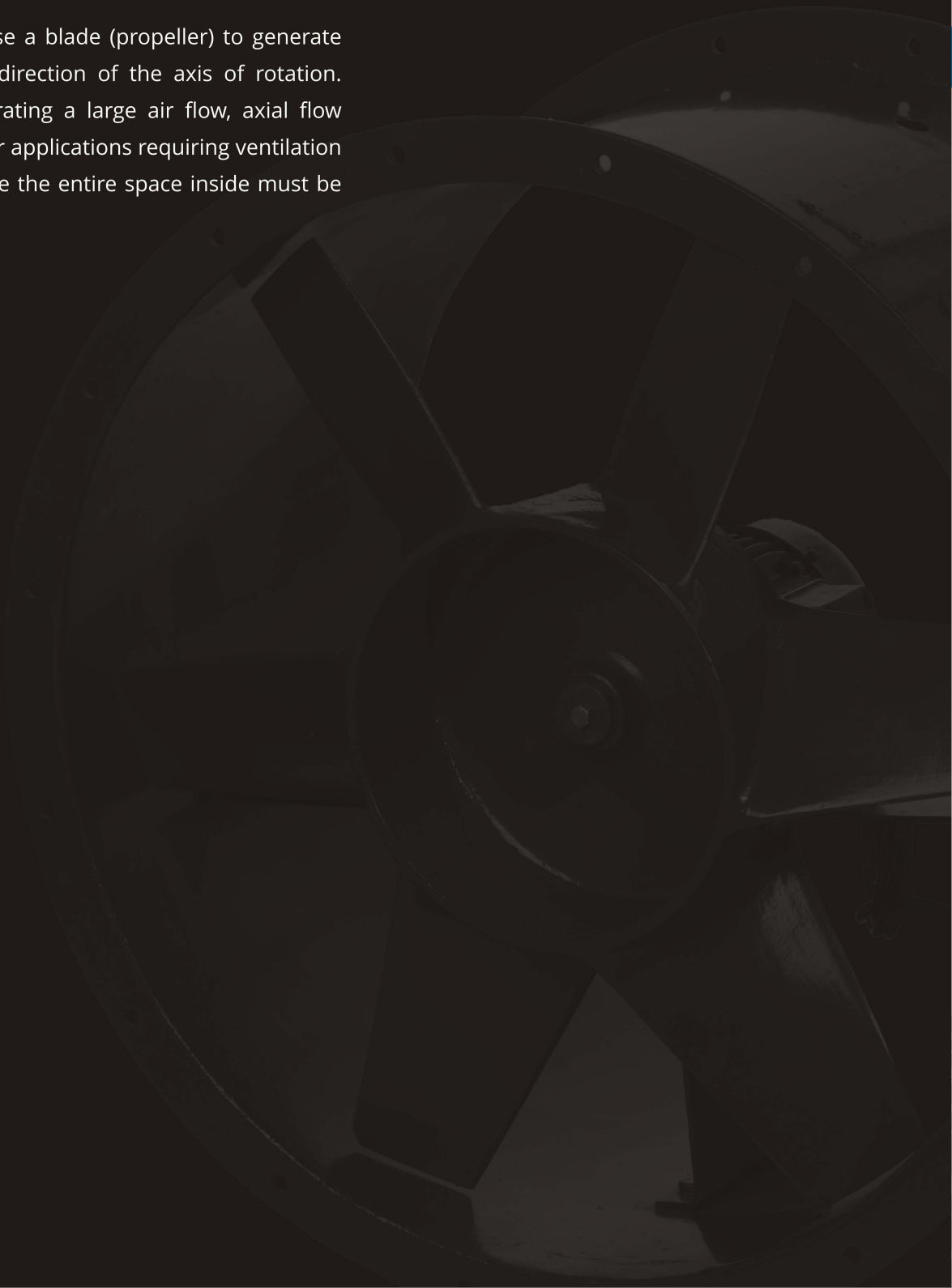


Flame Proof Exhaust

IMPELLER Dia mm	R.P.M.	INPUT WATTS	AMPS		SOUND LEVEL Db	AIR DISP M3/m
			1 PH	3 PH		
(9") (230)	1370	40	0.18	-	49	450
(12") (305)	900	45	0.24	-	46	750
	1400	82	0.38	-	56	1120
(15") (380)	900	90	0.40	0.20	52	1450
	1400	150	0.70	0.40	62	2350
(18") (457)	700	90	0.45	0.25	54	1800
	900	140	0.70	0.40	56	2500
	1400	380	1.62	0.70	66	4000
(24") (610)	700	250	1.30	0.50	57	4600
	900	500	2.50	0.90	63	6100
(36") (900)	700	1200	-	2.60	68	17995
	550	700	-	1.50	66	14160

## AXIAL FLOW FANS

Axial flow fans use a blade (propeller) to generate air flow in the direction of the axis of rotation. Capable of generating a large air flow, axial flow fans are suited for applications requiring ventilation and cooling where the entire space inside must be cooled.



## AXIAL FLOW FANS



<b>SWEEP</b> mm / inches	<b>RPM</b>	<b>AIR DELIVERY</b> M3/HR
300 (12")	1400	1450
	2800	3200
380 (15")	1400	2100
	2800	5200
450 (18")	1400	5000
	2800	9800
600 (24")	1400	12000
	2800	25500
750 (30")	900	17800
	1400	21000
900 (36")	900	26500
	1400	37900
1200 (48")	750	-
	900	-

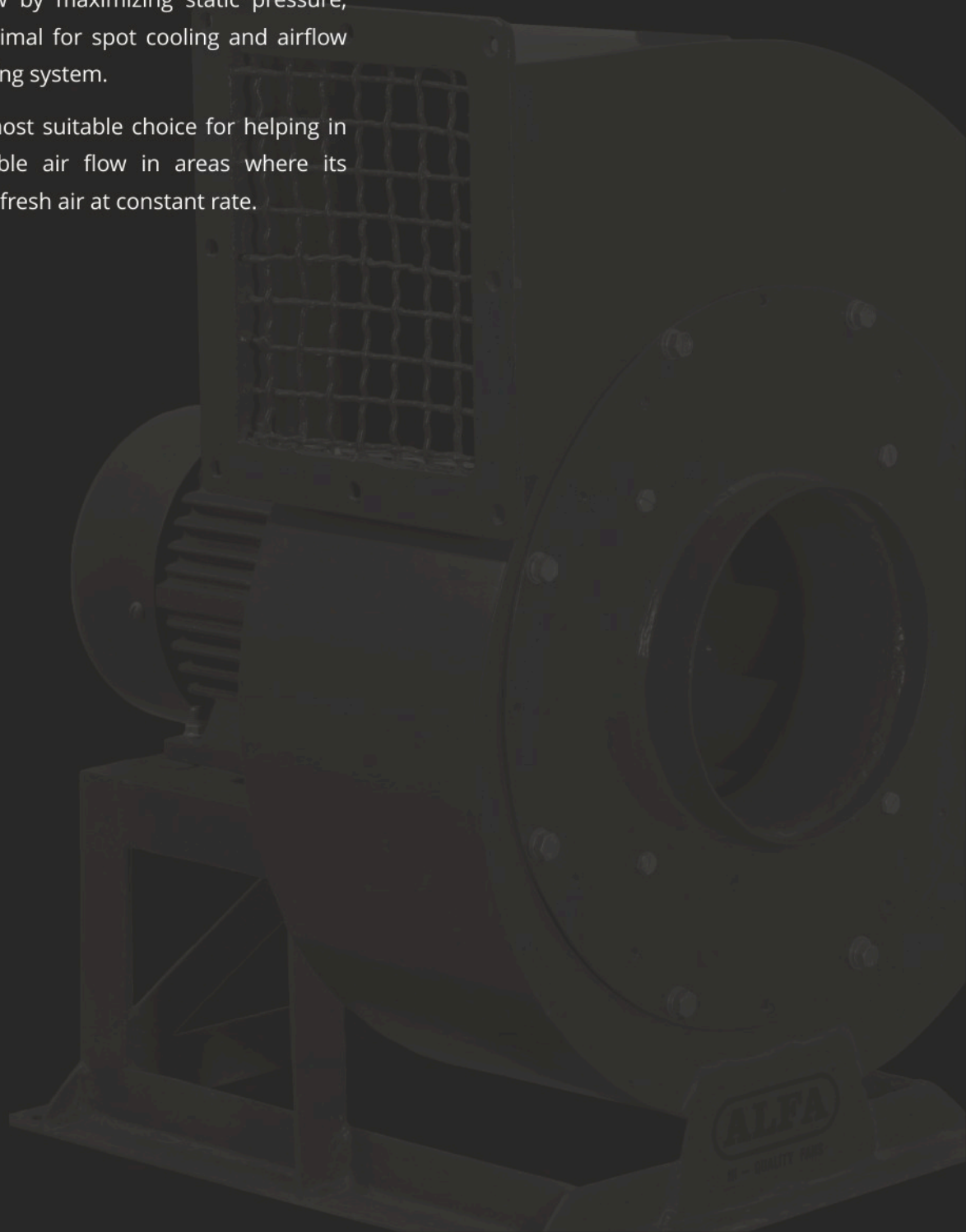
NOTE: Other sizes are also available as per Specification and requirement of the Clients.



## CENTRIFUGAL BLOWERS

ALFA'S Centrifugal blowers are designed to provide directional airflow by maximizing static pressure, making them optimal for spot cooling and airflow through any ducting system.

It is one of the most suitable choice for helping in to distribute stable air flow in areas where its difficult to supply fresh air at constant rate.



## CENTRIFUGAL BLOWERS



### Specifications :

Flow: 0 to 2600 cfm

Available in various sizes 1/4 hp to 150 hp

Air handling capacities of 100 MCH to 150000 MCH

Systems resistance of 100mm to 2200mm WG static pressure

## DOMESTIC FANS

ALFA'S domestic fans is one of the oldest and the pioneer product line of the company.

Keeping our customers demand in mind we have range of domestic eco fans & domestic ultra fans.





## DOMESTIC FANS



Pedestal Fan



Celling Fan



Table / Wall Fan

SIZE mm	VOLTAGE (V)	POWER (W)	CYCLE (C/s)	SPEED (R.P.M.)	AIR DELIVERY (M3/Min)
600 (24")	230	70	50	900	-
900 (36")	230	60	50	380	145
1050 (42")	230	65	50	360	170
1200 (48")	230	70	50	330	215
1400 (56")	230	80	50	290	270

SWEEP mm / inches	VOLTAGE (V)	POWER (W)	AC CYCLE (C/s)	SPEED (R.P.M.)	NO. OF SPEED	NO. OF BLADES	AIR DELIVERY (M3/Min)	PEDESTAL HEIGHT	WALL VERTICAL ANDLE ADDITION
400 (16")	230	60	50	1350	3	3	65	200	22 to 45



HI-QUALITY FANS

ALFA ENGINEERING COMPANY

