

electromech

AIR CIRCULATORS

PREMIUM SEGMENT OUTSTANDING

Oscillating Air Circulators

In Pedestal And Wall Bracket Version

Innovative - simplicity in design -
packed with inbuilt salient features -
pleasing overall finish -perfect blend
of peak performance and quality
workmanship.



600 mm SWEEP



450 mm SWEEP



450 mm SWEEP



600 mm SWEEP

- Sturdy continuous heavy duty motor.
- Two prelubricated deep groove ball bearings.
- Aluminum alloy single piece blade designed for peak performance at lowest consumption.
- 90° oscillation - precision built unique mechanism with indexing options.
- Telescopic pedestal version and wall bracket with tilting options.
- Electronic regulator.

230 VAC-50C/S-1 PH

BLADE SWEEP IN MM	NUMBER OF BLADES	FAN TYPES	WATTS INPUT	REVOLUTION PER MINUTE	SPEED	SPEEDS CONTROL	VERTICAL TILT		HEIGHT-MM		AIR DISPLACEMENT M ³ /MT
							MIN.	MAX.	MIN.	MAX.	
450	3	WALL	100	1440	THREE	PULL CORD SWITCH	22°	45°	-----		152
450	3	PED	100	1440	THREE	PUSH BUTTON	-----		1100	1400	152
600	3	WALL	175	1440	SINGLE	ROTARY TYPE OPTIONAL	22°	45°	-----		275
600	3	PED	175	1440	SINGLE	ROTARY TYPE OPTIONAL	-----		1400	1650	275

a range of sturdy cooling **fans** that matches demanding parameters of advanced **technology**



IDEAL FOR :

- AREAS WHERE SEVERE HOT SPOTS ARE TO BE HANDLED
- AREAS WHERE FUNCTIONAL REQUIREMENTS ARE RELATED TO STATIC PRESSURE.
- ELECTRICAL CONTROL PANELS
- CONTROL PANELS OF TELECOMMUNICATIONS
- CONTROL PANELS OF MACHINES
- ON DUCTINGS AS BOOSTERS

230 VAC-50C/S-1 PH

COOLING FANS

BLADE SWEEP	WATTS INPUT	R.P.M.	AIR DISPLACEMENT FREE INLET/OUT LET		NET WT. KGS(APP.)	OVERALL DIMENSION mm (APP.)	FIXING HOLES PCD & SIZE mm (APP.)
			CFM APP	M ³ /HR APP			
150	54	2800	260	425	1.700	195 X 195 X 80	178Φ X 5Φ
200	60	2800	400	680	2.800	245 X 245 X 85	228Φ X 5.25Φ
305	90	1400	1050	1890	4.500	350 X 350 X 130	330Φ X 5.25Φ

110 V 60 c/s, Fans available against specific orders

305 mm 1400 RPM Fans also available for 400/440 V AC 50c/s, 3PH supply

Tube axial fans manufactured meet following design features.

- Overall construction heavy enough for long lasting performance.
- Motors are designed and manufactured for optimum efficiency.
- Airofoil sections single piece casted aluminum alloy heavy impeller to deliver higher air volumes for given input.

Applications : Automobile industries, chemical industries, foundries, petro chemical industries, textiles, areas where forced air circulation is demanded.

440 VAC-50C/S-3 PH



BLADE SWEEP		H.P.	R.P.M.	AIR DISPLACEMENT FREE INLET/OUT LET	
INCH	MM			CFM APP	M ³ /HR APP
12	305	0.25	1400	1700	2890
		0.75	2800	3900	6630
15	381	0.25	1400	3500	5950
		1.5	2800	5500	9350
18	457	0.5	1400	5250	9350
		3	2800	10500	17850
24	610	1	1400	10200	17340
27	695	3	1400	18250	30000
30	762	5	1400	24000	40800

TUBE AXIAL FANS

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NOTE : DESIGN - SPECIFICATIONS - TECHNICAL CHARACTERISTICS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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Range of **elmica** Products

400mm Heavy Duty Air Circulators



**Introducing....
first ever in India**

**400 mm (16") unique
Cabin Fan with
DOUBLE BEARINGS**



**Universally adjustable
multi purpose version...**

- * STURDY MOTOR WITH TWO BOTH SIDES SEALED BALL BEARINGS
- * DIE CASTED ALUMINIUM BODY & BLADE
- * ALUMINIUM CASTED OUTER FRAME
- * CLOSELY SPACED WIRES SPIRAL GUARD
- * TOTAL METALLIC POWDER COATED

400mm



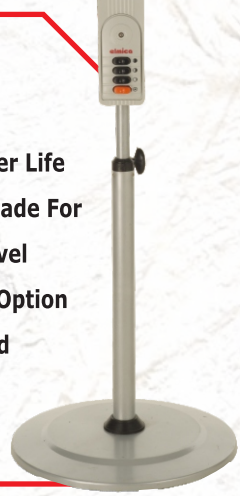
Wall



Pedestal

Features :

- Sturdy Heavy Duty Motor
- Two Pre-lubricated Ball Bearings For Longer Life
- Aerodynamically Designed Single Piece Blade For Higher Air Delivery At Minimum Noise Level
- 90° Oscillating Mechanism With Indexing Option
- Rugged Spiral Guard Silver Powder Coated
- Wider Base For Stability
- Metallic Powder Coated Overall Finish



TECHNICAL SPECIFICATIONS

230 VAC-50C/S-1 PH

BLADE SWEEP MM	WATTS INPUT	R.P.M.	SPEED	SPEED CONTROL	AIR VOLUME M ³ /MT	VERTICAL TILT		HEIGHT-MM	
						MIN.	MAX.	MIN.	MAX.
400mm Cabin	80	1440	1	-----	90	-----	-----	-----	-----
400mm Wall	80	1440	3	PULL CORD SWITCH	90	22°	45°	-----	-----
400mm Pedestal	80	1440	3	PUSH BUTTON	90	-----	-----	1000	1150

NOTE : DESIGN, SPECIFICATIONS, TECHNICAL CHARACTERISTICS ARE SUBJECT TO CHANGE WITHOUT NOTICE

**900mm SWEEP PEDESTAL / WALL - SILENT AUDITORIUM TYPE -
THREE PHASE AIR CIRCULATORS AVAILABLE AGAINST SPECIFIC ORDERS**

HEAVY DUTY EXHAUST FANS



Features :

- ☑ Totally Enclosed, Heavy Duty, Capacitor Start/run, Continuous Duty Rugged Motor With Two Prelubricated Ball Bearings
- ☑ Well Balanced Impeller For Vibration Free Performance
- ☑ Fully Powder Coated Overall Finish

Ideal for welding trasnformers, factories, auditoriums, stores, hospitals, godowns and places where hot air or stale stagnant air needs to be expelled out effectively.

TECHNICAL SPECIFICATIONS

BLADE SWEEP		R.P.M.	WATTS INPUT		AIR DISPLACEMENT FREE INLET/OUT LET	
MM	INCH		1 PH. 230 VAC	3 PH. 440 VAC	CFM APP	M ³ /HR APP
305	12	1400	80	85	1100	1900
381	15	1400	150	160	2350	4030
457	18	1400	380	365	4000	6800
610	24	900	490	500	6100	10450

900 RPM EXHAUST FANS, SWEEP 305MM, 381MM, 450MM AVAILABLE AGAINST ORDERS



Pedestal



Wall

750 mm
HEAVY DUTY
AIR CIRCULATORS

TECHNICAL SPECIFICATIONS

230 VAC-50C/S-1 PH

BLADE SWEEP MM	WATTS INPUT	R.P.M.	SPEED	SPEED CONTROL	AIR VOLUME M ³ /MT	VERTICAL TILT		HEIGHT-MM	
						MIN.	MAX.	MIN.	MAX.
750mm Wall	250	1440	1	ROTARY OPTIONAL	405	22°	45°	-----	
750mm Pedestal	250	1440	1	ROTARY OPTIONAL	405	-----		1500	1950

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Manufactured by : **electromech**

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