

Collection 2016







Havells India Limited is the India's largest and fastest



Usher in fresh air and a new, better way of life with a range of beautifully designed fans from Havells. These underlight, special finish and decorative fans enhance the aesthetics of your home and come with energy-saving capabilities. Besides this, we also have a range of table, wall, pedestal, exhaust and industrial fans that will leave you truly spoilt for choice this summer. Having forayed in the fans business in 2003, Havells soon transformed itself into a strong and capable competitor owing to its commitment to innovation and superior customer satisfaction. The revolutionary designs helped it garner a commendable market share and won it critical acclaim.

Innovation at its core

Today, Havells fan designs meet diverse individual needs and range from premium fans with exquisite antique finishes to colourful, designer fans for kids' rooms to super speed fans. Havells' ES-50 ceiling fan earned a rave reputation in the industry for being the first BEE 5 star rated energy-efficient ceiling fan in India. Designed by Havells R&D team in India, this model consumes a paltry 50W power. No surprises then, that ES-50 is today amongst the largest selling energy saving fans in India. Havells fans have been ranked as the most energy-efficient range of fans in the country. We have bagged several important awards on being most Energy efficient. We have taken the next step on innovation and introduced Havells ES-40, India's revolutionary energy efficient fan.

India's most modern and integrated manufacturing plant for fans

Havells can claim installing India's most modern and integrated manufacturing plant for fans in the country. Located in Haridwar, the plant has an annual manufacturing capacity of over 70 lac fans and is equipped with state-of-the-art technology including automated CNC machines for motor winding, CNC machines for end covers machining, advanced conveyorised assembly lines complete with computerized testing facilities. The plant has augmented its manufacturing capacity by adding two new units which are further equipped with world-class automated processes. Let the wide range of Havells fans bring in a new change and add value to your lifestyle.



Machine Shop

- CNC machining centre, double-ended, specially tooled-up for motor end covers and rotors
- High precision & consistency in machining system ensures zero defect
- Online gauging with automation for monitoring SPC
- Higher productivity



Stator Shop

- State-of-the-art winding process using CNC programmed winding machines
- · Compact & layered coils
- Hi-tech microprocessor based testing equipment ensures long life of motor winding
- Integrated conveyorised system for pre-heating, varnishing & baking of stator.
 LPG oven ensures uniform baking and pollution-free environment
- · Excellent quality 'Six Sigma'



Assembly

- Conveyorised motor & blade assembly lines ensure single piece flow & consistently high productivity
- Each stage of assembly is equipped with latest technology machines & mechanisms
- Automation in online packing with latest technology machines for accuracy & productivity



Testing & Quality Control

- Latest technology testing equipment & systems used in process quality assurance
- Modern testing facilities for 100% motor & blade verification before packing
- Internal product audit system at each stage of manufacturing to enhance customer delight
- · Fully integrated automation system air delivery measurement for ceiling fans
- Modern CNC controlled testing panel to ensure quality and performance of each fan for all required parameters in an acoustic controlled environment
- Incoming, inprocess & finished product quality assurance done by a team of qualified & dedicated professionals



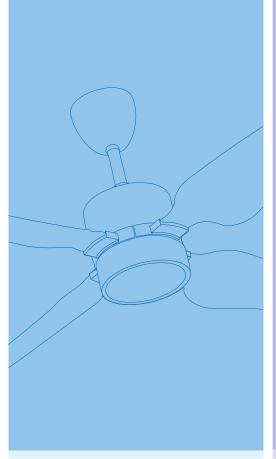
Paint Shop

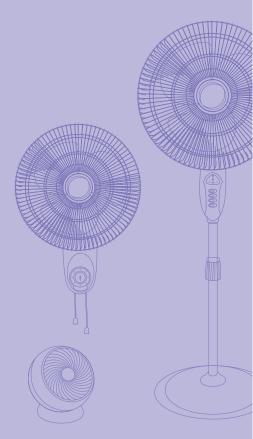
- Fully integrated state-of-the-art pre-treatment system & paint system
- PLC controlled time cycle for transporter movement during pretreatment process in each tank
- Nano technology solutions used for pre-treatment.
 Environmental & pollution-free chemicals are used in the system.
- PLC controlled paint system monitoring, reciprocator movement, bell applicator for paint, conveyor speed etc.
- LPG operated ovens for baking ensures high heat transfer efficiency & pollution-free environment

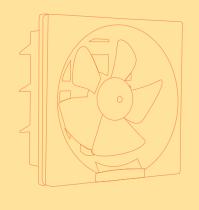


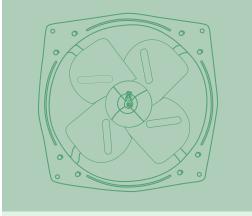
Storage & Layout

- Integrated Plant
- Gangways/passages are wide and clearly demarcated for easy/free movement of materials
- Palletized stacking & material movement for components & finished goods
- Work stations are ergonomically designed for ease of operation
- Minimum manual handling









Premium underlight far Special finish fans Decorative fans Energy saving fans Regular fans Hi-Speed fans oortable fan

70

Table fans
Wall mounting fans
Pedestal Fans
Ceiling mounting fans
Personal fans

domestic exhaust fans

Domestic exhaust fans-plastic

Domestic exhaust fans-metal

Heavy duty exhaust fans

Air circulator fans





Architectural bronze finish | Remote control operations
Contemporary LED underlight | State -of-the -art aesthetics & styling
Unique designer blades for superior corner to corner air flow Sweep 1320 mm













Lumos

Remote controlled operations | World-class contemporary aesthetics

Dual light fittings for direct & indirect lighting | 5 silver finish PC blades for superior corner to corner air flow | Sweep 1320 mm





Florina

Classic looks to match premium decor | Stylish assembly with diffused light | Unique designer wooden blades with heavy duty motor Available in Brushed Nickel with reversible blades | Sweep1320 mm







Veneto

State-of-the art aesthestics & styling | Remote control operations | Integrated canopy design Contemporary single underlite with pre-fitted G9 lamp | Angulary fitted 4 blades for superior air delivery | Sweep 1320 mm





Melania



Black Nickel electroplated motor cover, Blade trims, Canopies and down rod. 3 blades made of high quality wood | Contemporary LED underlight Remote control operations | Sweep 950 mm





Aureus

Reversible blades | Remote control for on/off, speed & light | Five blades made of high quality wood Powerful motor with silent operation | Sweep 1320 mm



With reversible blades





Quion

Electroplated fan with trendy underlight | Powerful motor with silent operation Four stylish blades for wider air delivery | Sweep 1320 mm





Electroplated motor cover, blade bracket, downrod & canopy | Five blades made of high quality wood Light on/off and speed control by pull chains | Powerful motor with silent operation Available in Brushed Nickel & Antique Brass | Sweep 1320 mm







4 Blades with LED underlight | Integrated canopy with latest styling
World class contemporary aethetics | Aluminium blades for increased air delivery | Powerful motor with silent operation
Sweep 1200 mm



Red Oak Black Nickel





Hovence

Finish suiting modern interiors of house | 4 blade special finish with provision for underlight kit Decorative die cast shank | Motor body, downrod, canopy & shank in plated finish Improved performance even at low voltage | Available in Black Antique Copper, Black Antique Brass, Black Brushed Nickle and Two Tone Nickel Gold | Sweep 1200 mm





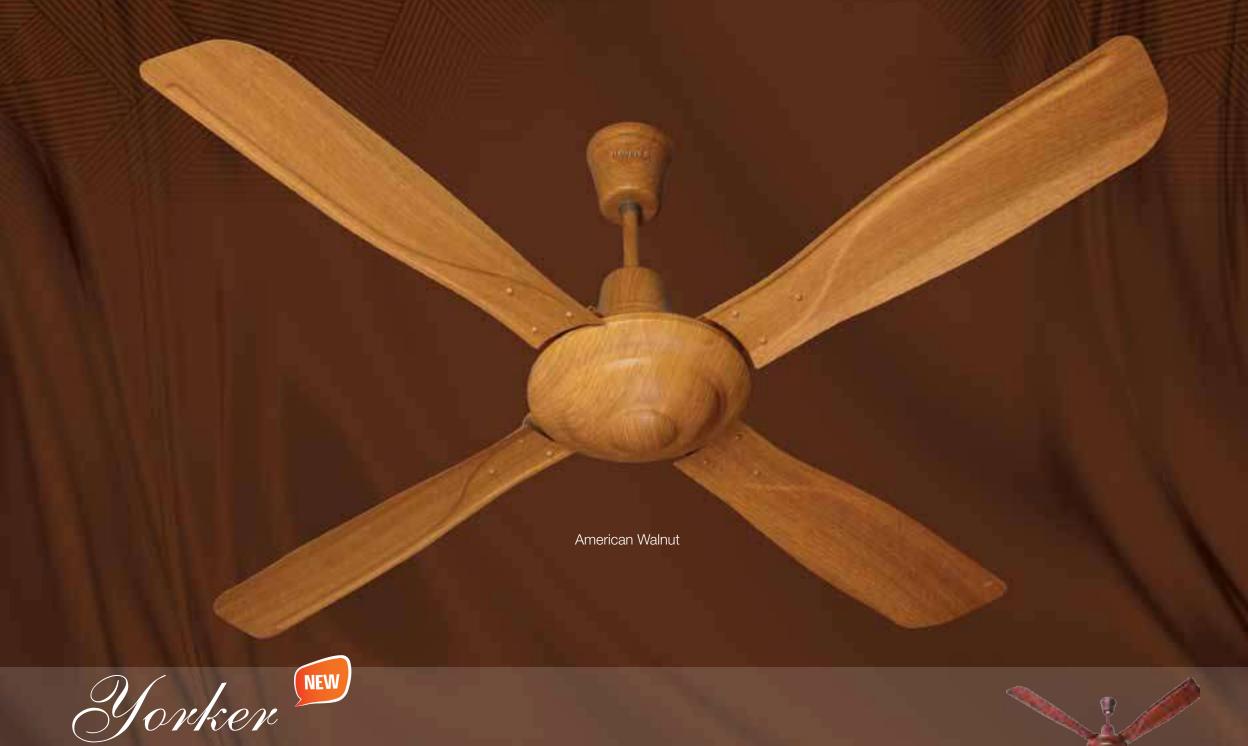


Vorker

Electro-phoretic lacquered surface for anti-rusting | Four blades for wider air delivery Super silent motor | Perfectly streamlined body
Available in Antique Brass, Brushed Nickel and Antique Copper | Sweep 1320 mm







Special wood finish using Water film transfer technology | Four blades for wider air delivery Super silent motor | Perfectly streamlined body | Available in Wenge and American Walnut finishes Sweep 1320 mm









Rainbow Pearl Ivory





FABIO PLATINUM

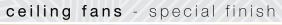
Electro-phoretic lacquered surface for anti-rusting | Wider blades for effective air circulation Optimum performance even at low voltage | Powerful motor | Sweep 1200 mm

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1200	72	350	230











FLAMINGO TRIO

Powerful & energy efficient motor | Stylish ribbed design Longer downrod for optimum installation | Perfectly streamlined body | Sweep 1320 mm

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1320	72	350	230









Wider Blades for effective circulation | Suitable interiors for sports ambient places Young, rich, vibrant patterns to recharge any decor | Sweep 1200 mm

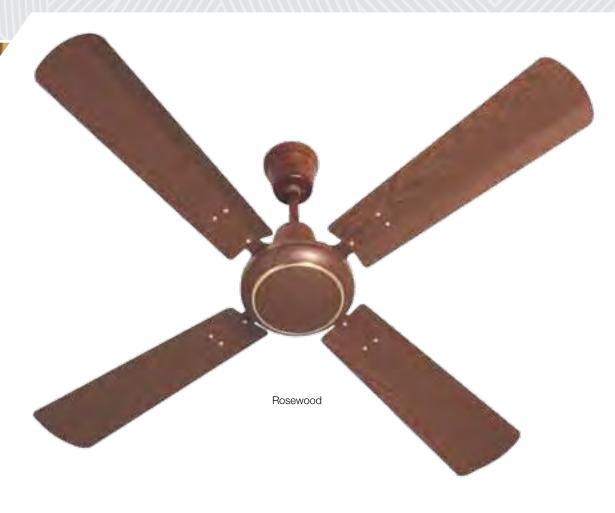
Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1200	230	74	400	238
1200	180	55	315	200

HAVELLS



ceiling fans - special finish





WOODSTER

Special wood texture | Powerful motor | Optimum performance even at low voltage Wider tip blades for corner-to-corner air circulation | Sweep 1200 mm

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1200	72	350	225





ceiling fans - special finish





CANDY

Designed to suit kids room | Wider tip blades for effective air circulation

Decorative ring to add to aesthetics | Optimum performance even at low voltage | Sweep 1200 mm

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1200	72	350	230





ceiling fans - special finish



ORION

Electro-phoretic lacquered surface for anti-rusting
High speed fan | Wider tip blade for effective air circulation | Sweep 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1200	230	74	400	238
1200	180	55	315	200





Jungle Theme







SAFARI

HAVELLS

Exclusive design for kids room | Designer static center even while the blades rotate Superior air delivery even at low voltage | Sweep 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1200	230	74	400	238
1200	180	55	315	200









LEGANZA

Metallic paint finish | Superior air delivery | 4 blade innovative design fan Exotic blade trims and body ring | Sweep 1200 mm

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1200	72	350	230



HAVELLS





SPARTZ

Contemporary elegant design | Optimum air delivery even at low voltage Available in stunning color combinations | Sweep 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1200	230	74	400	238
1200	180	55	315	200



Pearl White Ocean Blue









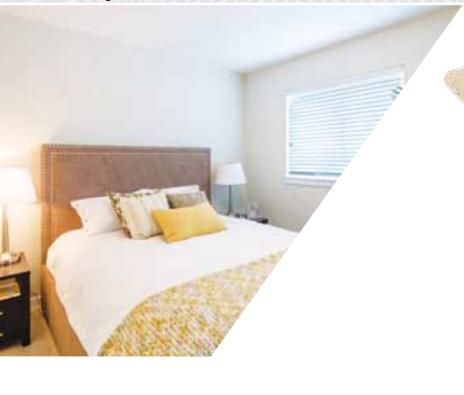


Metallic paint finish | High performance even at low voltage | Superior air delivery Innovative designer fan blade | Exotic blade trims and body ring | Sweep 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1000	230	74	400	238
1200	180	55	315	200









ATILLA

High performance motor | Exotic rich looks with modern styling High performance even at low voltage | Sweep 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1000	230	74	400	238
1200	180	55	345	200

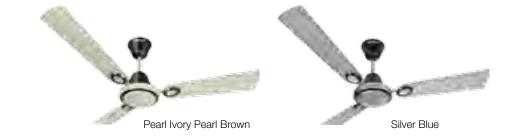






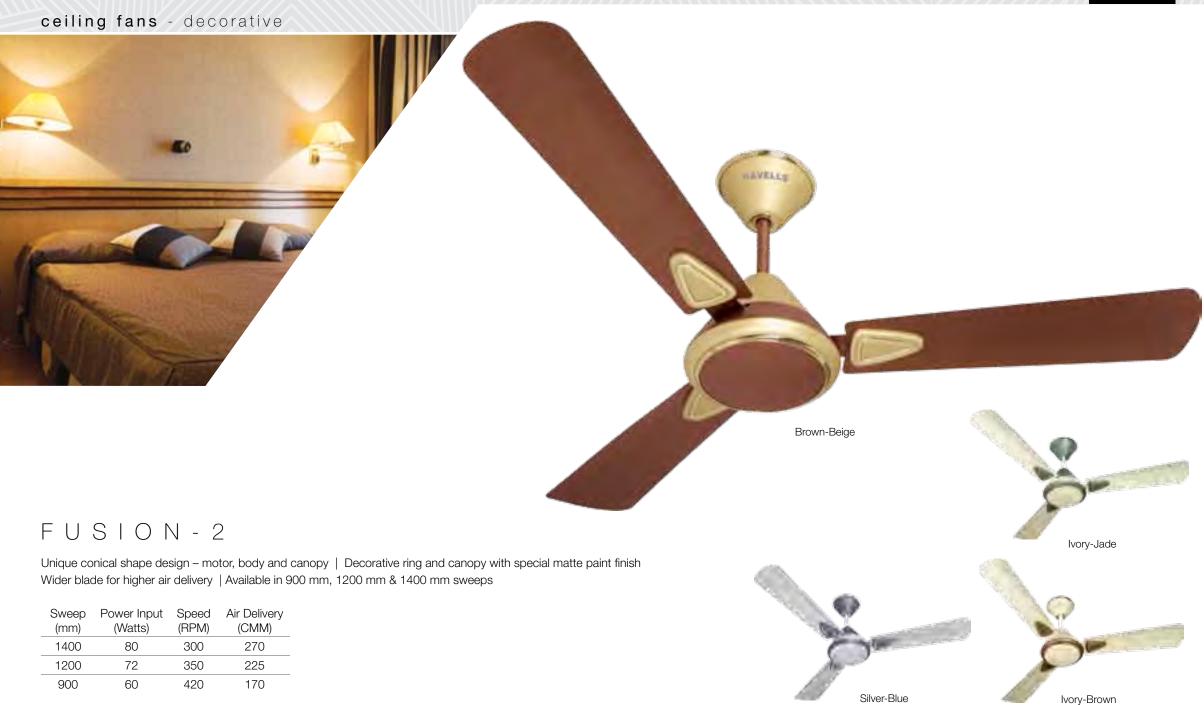
Metallic paint finish | Contemporary elegant design | Exotic rich looks with modern styling High performance even at low voltage | Sweep 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1000	230	74	400	238
1200	180	55	315	200

















NICOLA

Metallic paint finish | Contemporary elegant design | Available in stunning color combinations

Decorative trims on motor cover & blades | Available in Sweep 600 mm, 900 mm & 1200 mm sweeps

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
600	62	880	120
900	65	420	170
1050	70	400	186
1200	72	350	225
1400	78	280	250









AREOLE

Metallic paint finish | Motor with decorative ring High performance even at low voltage | Sweep 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1200	230	74	400	238
1200	180	55	345	200



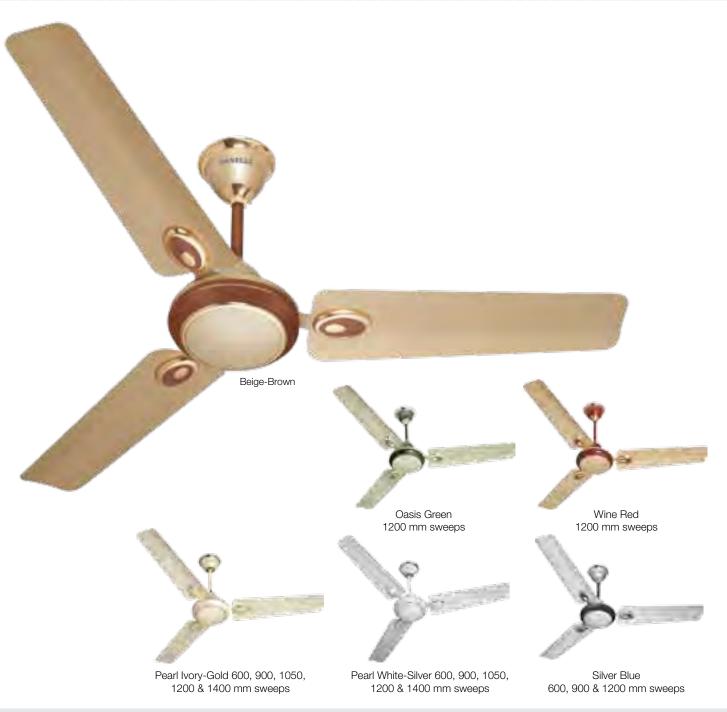




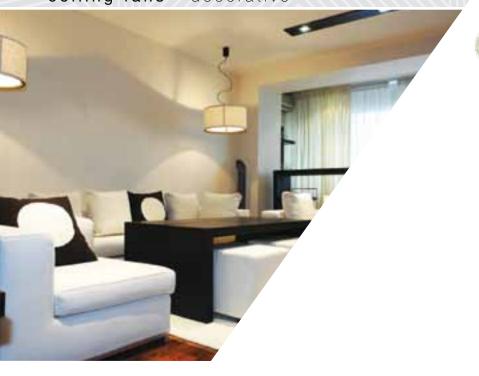
FUSION

Metallic paint finish | Decorative trims on motor cover, canopy & blades Optimum performance even at low voltage | Double ball bearings

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
600	62	880	120
900	60	420	170
1050	62	400	190
1200	72	350	225
1400	80	300	270









FURIA

Metallic paint finish | High performance even at low voltage

Aesthetic decoratives on motor, canopy & blades | Available in contemporary metallic shades | Sweep 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1000	230	74	400	238
1200	180	55	345	200













Elegant White Silver





S S 3 9 0 DECO

Decorative trims on blades & canopy | High performance even at low voltage Wider tip blades for effective air circulation | High speed fan | Sweep available 1200 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
1000	230	74	400	238
1200	180	55	345	200







VOGUE PLUS

High Performance motor | Exotic rich looks with modern styling Optimum air delivery even at low voltage | Sweep 1200 mm

	weep	Power Input	Speed	Air Delivery
	mm)	(Watts)	(RPM)	(CMM)
1	1200	75	400	230







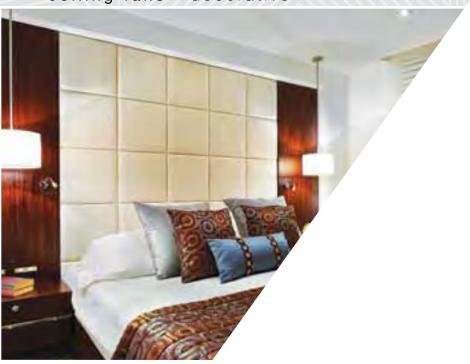
V O G U E

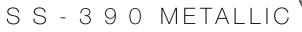
High Performance motor | Exotic rich looks with modern styling Optimum air delivery even at low voltage | Sweep 1200 mm

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1200	75	400	230









Three coat metallic paint system to enrich the gloss | Wider tip blades for effective air circulation High performance even at low voltage | Available in 900, 1050, 1200 & 1400 mm

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
600	230	60	880	120
900	230	60	420	170
1050	230	62	400	190
1200	230	74	400	238
1200	180	55	315	200
1400	230	80	300	270



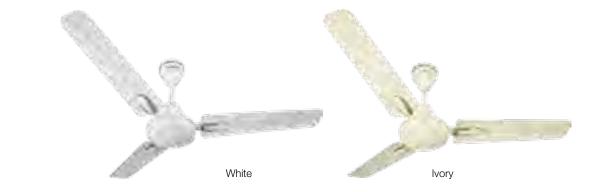




SPARK DECO

New design trim & decorative canopy set
High efficiency motor with double ball bearings | Sweep 1200 mm

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1200	72	350	225











Sweep	Power Input	Speed	Air Delivery	Service Value
(mm)	(Watts)	(RPM)	(CMM)	(CMM/W)
1200	52	350	215	4.15

Parameters	Fusion-ES 5* Fans	Ordinary
Rated Wattage	52W#	75W#
Energy Consumption @ 16 hrs./day	832Wh	1200Wh
Total unit of Electricity/Month	25 units	36 units
Cost of Electricity/Month @ Rs. 5/- unit**	Rs.125.00	Rs. 180.00





^{*} Actual saving depends on fan usage & cost of electricity # Data pertains to 1200 mm sweep. Wattage may vary ± 5%
** May vary from state to state









ES-50

Sweep	Power Input	Speed	Air Delivery	Service Value
(mm)	(Watts)	(RPM)	(CMM)	(CMM/W)
1200	50	350	215	4.30

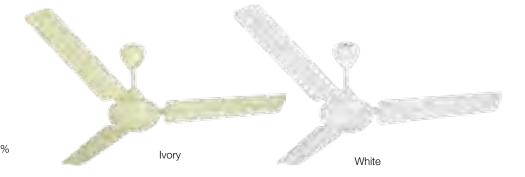
Parameters	ES-50 5* Fans	Ordinary Fans
Rated Wattage	50W#	75W
Energy Consumption @ 16 hrs./day	800Wh	1200Wh
Total unit of Electricity/Month	24 units	36 units
Cost of Electricity/Month @ Rs. 5/- unit**	Rs.120.00	Rs. 180.00



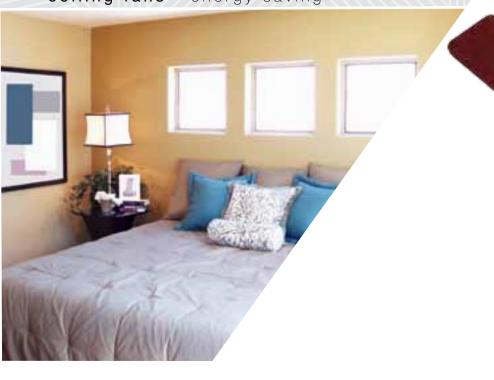




 $^{^*}$ Actual saving depends on fan usage & cost of electricity # Data pertains to 1200 mm sweep. Wattage may vary \pm 5% ** May vary from state to state









Sweep	Power Input	Speed	Air Delivery	Service Value
(mm)	(Watts)	(RPM)	(CMM)	(CMM/W)
1200	50	350	215	4.30

Parameters	ES-50 Premium Fans	Ordinary Fans
Rated Wattage	50W#	75W
Energy Consumption @ 16 hrs./day	800Wh	1200Wh
Total unit of Electricity/Month	24 units	36 units
Cost of Electricity/Month @ Rs. 5/- unit**	Rs.120.00	Rs. 180.00





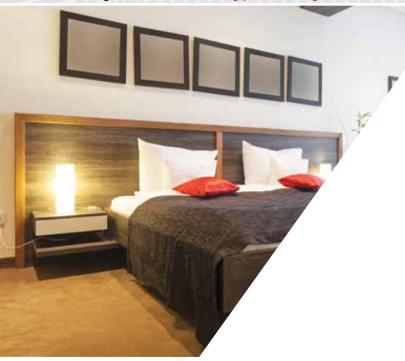


 $^{^{\}star}$ Actual saving depends on fan usage & cost of electricity # Data pertains to 1200 mm sweep. Wattage may vary $\pm5\%$ ** May vary from state to state



Brown



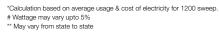




E S - 4 0

Sweep	Power Input	Speed	Air Delivery	Service Value
(mm)	(Watts)	(RPM)	(CMM)	(CMM/W)
1200	40	300	210	5.25

Parameters	ES-40	Ordinary Fans
Rated Wattage	40W#	75W
Energy Consumption @ 16 hrs./day	640 Wh	1200 Wh
Total unit of Electricity/Month	19 units	36 units
Cost of Electricity/Month @ Rs. 5/- unit**	Rs. 95.00	Rs. 180.00





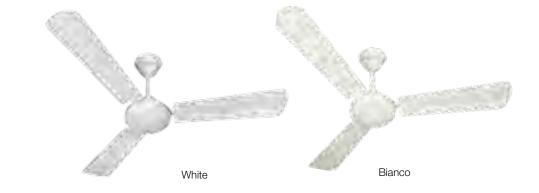




S S - 3 9 0

High performance even at low voltage | Wider tip blades for effective air circulation Excellent & long lasting paint finish

Sweep (mm)	Voltage	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
600	230	60	880	120
900	230	60	420	170
1050	230	62	400	190
1200	230	74	400	238
1200	180	55	345	200
1400	230	80	300	270



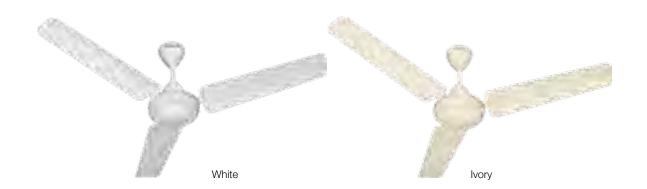




VELOCITY

Optimum performance even at low voltage | Double ball bearings Excellent & long lasting paint finish

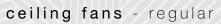
Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
600	62	880	120
900	60	420	170
1050	62	400	190
1200	72	350	225
1400	80	300	270













VELOCITY-HS

High speed fan | Aluminium die coated covers and blades Sweep 1200 mm

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1200	75	400	230







PACER

High speed fan | Double ball bearings Excellent & long lasting paint finish | Available in 900, 1050, 1200 & 1400 mm

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
900	60	420	170
1050	65	410	185
1200	75	400	230
1400	80	300	230











High speed fan | Double ball bearings Excellent & long lasting paint finish

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
1200	75	400	230



ceiling fans - hi-speed









S S 3 9 0

- Brown
- 600 mm sweeps with 800 RPM
- Also available in White & Bianco



SPEEDSTER

- Brown 600 & 750 mm sweeps
- Available in White & Brown



FUSION

- Silver Blue
- 600 mm sweep with 800 RPM
- Also available in Beige Brown, Pearl Ivory & Pearl White Silver



VELOCITY

- Brown
- 600 mm sweeps with 880 RPM
- Also available in White & Ivory



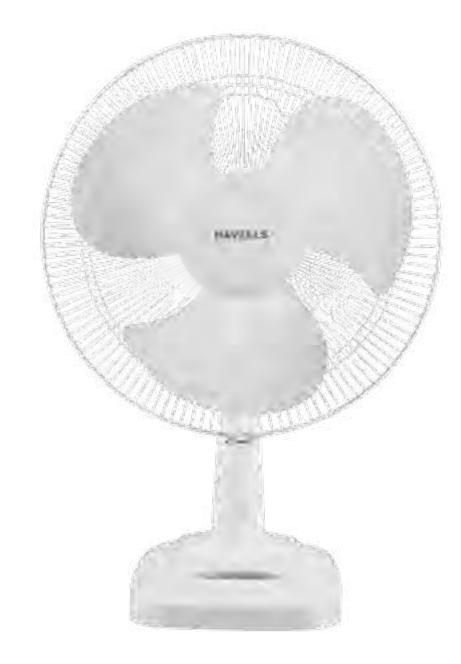






portable fans - table





VELOCITY NEO-HS

High performance motor for better air delivery | Jerk free oscillation & smooth running Superior low voltage performance

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
(111111)	,	(ULIVI)	(Civilvi)
400	110	2000	95





portable fans - table





VELOCITY NEO

High performance motor for better air delivery | Jerk free oscillation & smooth running Superior low voltage performance | Available in 4 colours

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1360	72





portable fans - table







Jerk free oscillation | Available in 3 attractive colour combinations

Taller to give enhanced air speed and aesthetic appeal | Aerodynamically designed blades

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1360	72







portable fans - table





SWING LX

Jerk free oscillation | 120 ribs guard | Pivot arrangement for tilting & oscillation
Aerodynamically designed & balanced PP blades | Available in 5 attractive colour combinations

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1360	72











portable fans - wall mounting



D'ZIRE

Elegantly designed fan base in round shape | 5 leaf transparent AS blade Stylish contemporary look | Pull cord control for speed & oscillation

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
300	50	1360	65





portable fans - wall mounting



SWING

Elegantly designed fan base | 120 ribs guard Pull cord control for speed & oscillation On-Off | Aerodynamically designed & balanced blades

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
300	45	1360	55











SWANKY

Modish looks superb performance | Superior air delivery even at low voltage Available in two attractive color combinations

Sweep	Power Input	Speed	Air Delivery	
(mm)	(Watts)	(RPM)	(CMM)	
400	50	1360	72	





portable fans - wall mounting





PLATINA REMOTE

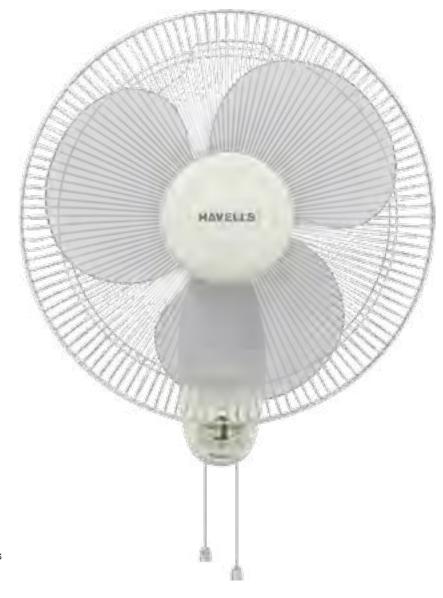
Jerk free oscillation fitted with synchronous motor | Fan with built-in I.R. remote control | High performance motor with over-heat protection World class styling & finish | Facility to control wind & nature model | Aerodynamically designed balanced AS blades

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1360	72









SWING

Elegantly designed fan base | 120 ribs guard Pull cord control for speed & oscillation On-Off | Aerodynamically designed & balanced blades

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1350	72





portable fans - wall mounting





High performance motor for better air delivery | Jerk free oscillation & smooth running Aerodynamically designed balanced heavy duty PP blades | Superior low voltage performance

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1360	72





portable fans - wall mounting





Elegantly designed fan base in round shape | Stylish contemporary look Pull cord control for speed & oscillation

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1360	72











SWING 300 HI-SPEED

Elegantly designed fan base | High speed motor for higher air delivery
Pull cord control for speed & oscillation On-Off | Aerodynamically designed & balanced blades

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
300	115	2350	70









High Air Delivery | Stylish contemporary look | Pull cord control for speed & oscillation Powerfull Motor with Thermal overload protection

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
300	110	2100	95







PLATINA HI-SPEED

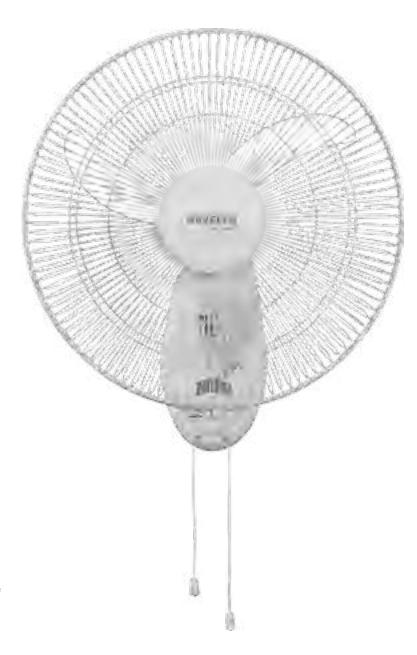
Jerk free oscillation & smooth running | High performance high speed motor for higher air delivery Superior low voltage performance | Aerodynamically designed balanced heavy duty PP blade

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	110	2000	95









AIRBOLL HI-SPEED

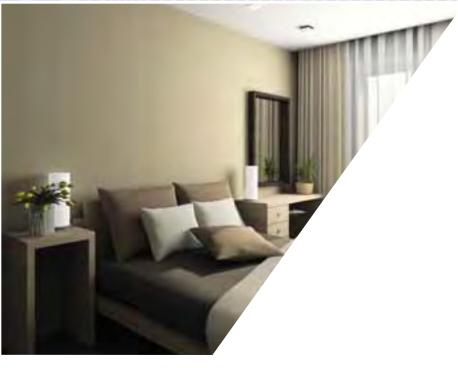
High performance motor for better air delivery | Jerk free oscillation & smooth running Aerodynamically designed balanced propeller type blade | Superior low voltage performance

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
450	110	1850	100





portable fans - wall mounting





Sturdy & heavy duty aluminium blade for higher air delivery | Sleek & stylish design 120 spokes nickle chrome plated guard | Smooth oscillation

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
450	100	1400	110















TRENDY

Available in attractive colour combination | Elegantly designed switch box Higher air delivery

	Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
-	400	50	1360	72







HAVELLS

Superior low voltage performance

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1350	72





portable fans - pedestal





Strong motor for better air delivery | Smooth oscillation Superior low voltage performance | Heavy base for stability | LED indicator lights

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1360	72













SPRINT LE DREMOTE

Strong motor for better air delivery | Unique display panel with oscillation control Remote controlled operations with LED indicators | Superior low voltage performance

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMM)
400	50	1360	72







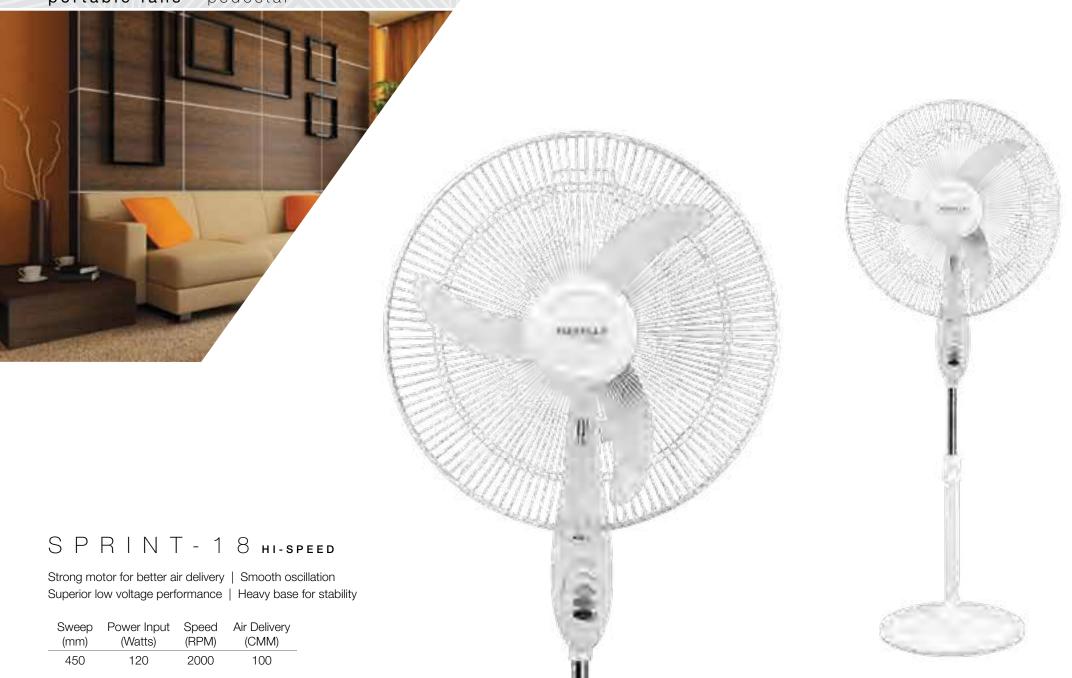












HAVELLS

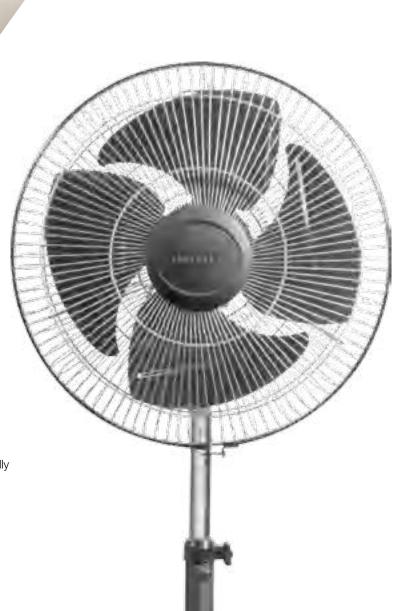






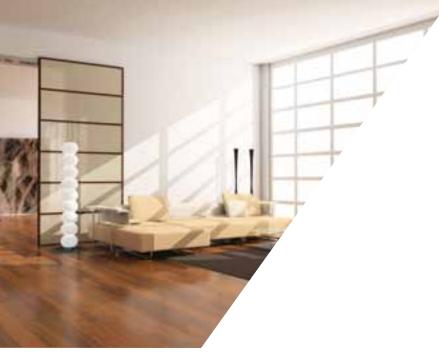
Powerful energy efficient heavy duty motor | Unique aerodynamically designed 4 leaf metal blade for excellent air thrust
Telescopic height adjustment from1060 mm to 1225 mm
Three speed control | Attractive bi-colour metallic finish

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
450	155	1437	145











Three speed control | Attractive bi-colour metallic finish

Powerful energy efficient heavy duty motor | Telescopic height adjustment from 1060 mm to 1260 mm Unique aerodynamically designed 3 leaf metal blade for excellent air thrust

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
500	155	1394	140





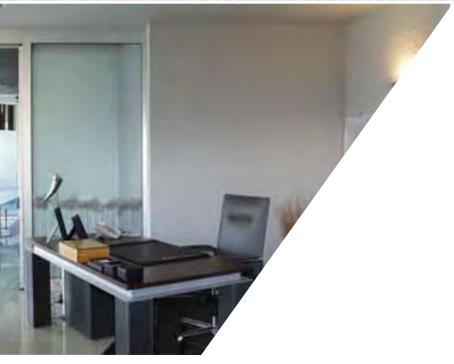








portable fans - personal





Yellow Maroon

BIRDIE

Powerful energy efficient 2 pole capacitor type motor to deliver strong air blast with nominal power consumption Aerodynamically designed 3 leaf ABS blade with aerofoil section for maximum air efficiency Unique Rocker design to allow 360° rotation of fan head both in horizontal & vertical plane Multi-use fan suitable for use as desk, wall or cabin/deck mounted application

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
230	40	2800	38



Black Grey



portable fans - personal



$| \bigcirc \bigcirc \bigcirc$ L personal fan

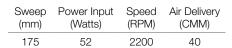
Two step speed control for any circulation needs Unique multi-directional adjustment for desired wind flow Unique propeller, deep pitched blades & power air through air guide













Red White



On wall





On Ceiling



Black Grey





portable fans - personal



C I E R A CABIN FAN

300 mm cabin fan | Grill for protection | High speed motor for higher air delivery Ideal for mounting on low height ceiling and cabin

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
300	80	2400	75





portable fans - personal





SWING GYRO

360 degree gyroscopic movement/adjustable wind direction | Grill for protection | Ideal for mounting on low height ceiling | Aerodynamically designed balanced ABS blades

Sweep	Power Input	Speed	Air Delivery
(mm)	(Watts)	(RPM)	(CMM)
400	50	1350	72









domestic exhaust fans- plastic



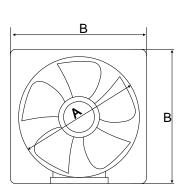


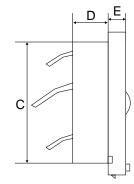
V E N T I L A I R DX

Ideal for mounting on wood & glass

High quality engineering plastic, resistant to colour change with anti-static properties

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMH)	Rated Voltage	Rated Frequency (Hz)	Noise Level (db)
150	22	1350	280	230	50	34
200	32	1350	520	230	50	42
250	35	1200	860	230	50	44





Sweep (mm)	A Dia	B.Sq	C.Sq	D	Е
150 (6")	150	241	172	73	50
200 (8")	200	298	240	90	40
250 (10")	250	348	290	90	48
300 (12")	300	400	342	100	41



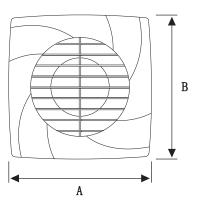


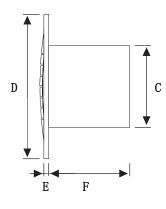


V E N T I L A I R DXW NEO

150 mm sweep | Easy installation on glass window & wood panels High quality engineering, plastic resistant to colour change with anti-static properties

Sweep	Power Input	Speed	Air Delivery	Rated	Rated	Noise
(mm)	(Watts)	(RPM)	(CMH)	Voltage	Frequency (Hz)	Level (db)
150	25	2000	300	220-240	50	43





Sweep (mm)	Α	В	С	D	Е	F	G	Н	J
100 (4")	150	130	97.5	140	6	110	-	-	103-105
150 (6")	200	208	145	208	8	118	-	-	150-154







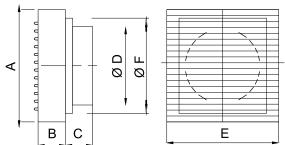


V E N T I L A I R DXW

Ideal for mounting on glass window & wood panels

High quality engineering plastic, resistant to colour change with anti-static properties

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMH)	Rated Voltage	Rated Frequency (Hz)	Noise Level (db)
100	15	2400	100	220-240	50	40
150	25	1800	300	220-240	50	43



Model	Sweep (mm)	А	В	С	D	Е	F	G	Н	J
VA-DXW	100 (4")	149	35	54	97	149	110	-		113
VA-DXW	150 (6")	208	45	73	149	208	164	-	-	164
VA-DXWR	150 (6")	210	150	80	72	35	32	180	142	182-185





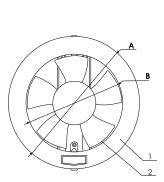


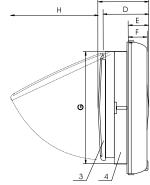


V E N T I L A I R DXR

Back shutter & fan ON-Off operations are inter-locked through pull cord High quality engineering plastic, resistant to colour change with anti-static properties

	Power Input		,	Rated	Rated	Noise
(mm)	(Watts)	(RPM)	(CMH)	Voltage	Frequency (Hz)	Level (db)
150	19	1850	300	220-240	50	33





	1.	Orifice	2	Blades		3.Shu	itter	4.F	an body	
Model	Sweep (mm)	А	В	С	D	Е	F	G	Н	
VA-DXR	150 (6")	210	150	80	72	35	32	180	142	
VA-DXR	200 (8")	270	200	96	86	41	37	238	190	





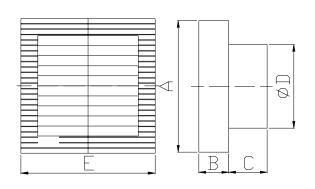




VENTILAIR DX-WE

Suitable for window & wall mounted indoor installation | Electrically operated automated front shutter Modern design, fashionable & elegant look

	Power Input		,		Rated	Noise
(mm)	(Watts)	(RPM)	(CMH)	Voltage	Frequency (Hz)	Level (db)
150	31	2540	350	220-240	50	43



Sweep (mm)	Α	В	С	D	Е	F
150 (6")	208	52	73	149	228	278



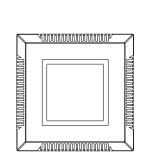


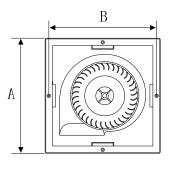


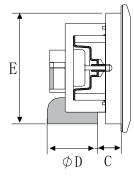
V E N T I L A I R DXC

Modern design & elegant look | High quality engineering plastic, resistant to colour change with anti-static properties Ideal for centrally air conditioned bathrooms and mounting & ceiling

Sweep (mm)	Power Input (Watts)		,		Rated Frequency (Hz)	Noise Level (db)
130	28	1250	150	220	50	42







Sweep (mm)	A Dia	B sq.	C sq.	D	Е
130 (5")	264	242	33.5	97	228





domestic exhaust fans- metal



Specially designed metal blade | Powder coated metallic finish Sturdy steel bird guard

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMH)	Rated Voltage	Rated Frequency (Hz)	Noise Level (db)
150	48	2700	400	230	50	40-45
230	45	1400	800	230	50	40-45
300	50	1400	1060	230	50	45-50



V E N T I L A I R db

Double ball bearings heavy duty motor | With protective bird guard Robust construction

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMH)	Rated Voltage	Rated Frequency (Hz)	Noise Level (db)
230	45	1400	860	230	50	40-45
300	70	1400	1850	230	50	40-45

HAVELLS



domestic exhaust fans- metal





V E N T I L A I R DSP

Specially designed metal blade

Powder coated metallic finish | Sturdy steel bird guard

Sweep (mm)	Power Input (Watts)	Speed (RPM)	Air Delivery (CMH)	Rated Voltage	Rated Frequency (Hz)	Noise Level (db)	
230	40	1350	510	230	50	40-45	
300	50	1350	900	230	50	45-50	

HAVELLS







industrial fans- heavy duty exhaust





TURBOFORCE

Energy Efficient motor | Dynamically balanced impellers for smooth & vibration-free operation

Turbo profile blades for higher air delivery | Aluminium pressure die cast motor shell with fins ensure better heat dissipation resulting in a cooler motor | Pre-lubricated double ball bearing for maintenance free running

Generally conforming to IS 2312-1967





industrial fans- heavy duty exhaust







Sweep (mm)	Phase	Speed (RPM)	Input (Watt)	Current (AMP)	Free air flow (M³/hr)	Noise Level (db)
000	0'1-	900	50	0.23	1275	40-45
300	Single	1400	82	0.35	1950	45-50
200	Single	900	90	0.42	2250	50-55
380		1400	145	0.65	3700	55-60
450	Single	900	132	0.60	4400	55-60
450		1400	324	1.48	6200	50-61
600	Single	700	240	1.10	7900	55-60
600		900	490	2.24	10520	60-65
450	Three	1400	370	0.82	6800	60-65
600	Three	900	500	0.95	10520	60-65

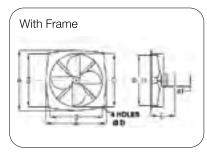
Tolerance on ratings

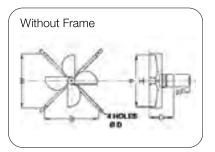
(As per IS 2312-1967) -5% to+10%

Speed Power Air Delivery

-5% to+10 +10% -10%

Dimension (in mm)	Α	B CRS	ØC	ØD	Е	ØF	G	Sweep of Blade H + 5 mm
600	728	606	630	11.0	365	188	350	600
450	556	450	475	10.5	315	139	302	450
390	469	374	399	10.5	266	139	255	380
300	388	313	328	10.2	115	115	250	300





IP55 Protected

IS:2312-1967



CM/L-3062441 For 300 mm, 380 mm, 450 mm, 600 mm*

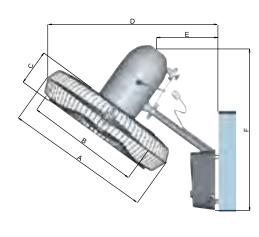
* 300/380/450 mm in 1400 RPM & 600 mm in 900 RPM

At 230 Volts, 1 Phase, 50Hz AC or 400 Volts, 3 Phase, 50Hz AC



industrial fans- air circulator



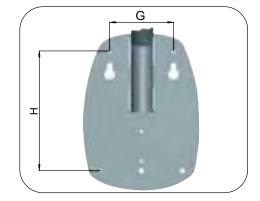


TURBOFORCE WALL AIR CIRCULATOR FAN

Double ball bearings ZZ (Permanent lubricated) for longer life | Aerodynamically designed blades for higher air delivery and minimum noise level Sturdy close-mesh guards with powder coating to ensure corrosion resistance as per safety standards | Thermally protected motor Metallic hi-lustre finish with chrome plated pipe | Heavy duty gear box 900 Oscillation for wide coverage Efficient motor design to suit voltage /supply fluctuation | Generally Conforming to IS: 2997-1964

Sweep	Volts (V)	AC Cycle (C/S)	Power Comsumption	Speed RPM	Phase	Air Del. M³/min.	Min Peak air velocity	No. of blades	No. of Speeds	Adjus in i	ight stment mm Max.
450 mm (18") Wall	230	50	90W	1440	1	150	245	3	1	-	-
450 mm (18") Pedestal	230	50	90W	1440	1	150	245	3	1	1100	1400
600 mm (24") Wall	230	50	180W	1440	1	280	245	3	1	-	-
600 mm (24") Pedestal	230	50	180W	1440	1	280	245	3	1	1100	1650

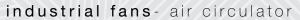
Tolerance on ratings	(As per IS 2997-1964)
Speed	±10%
Power	±10%
Air Delivery	±10%

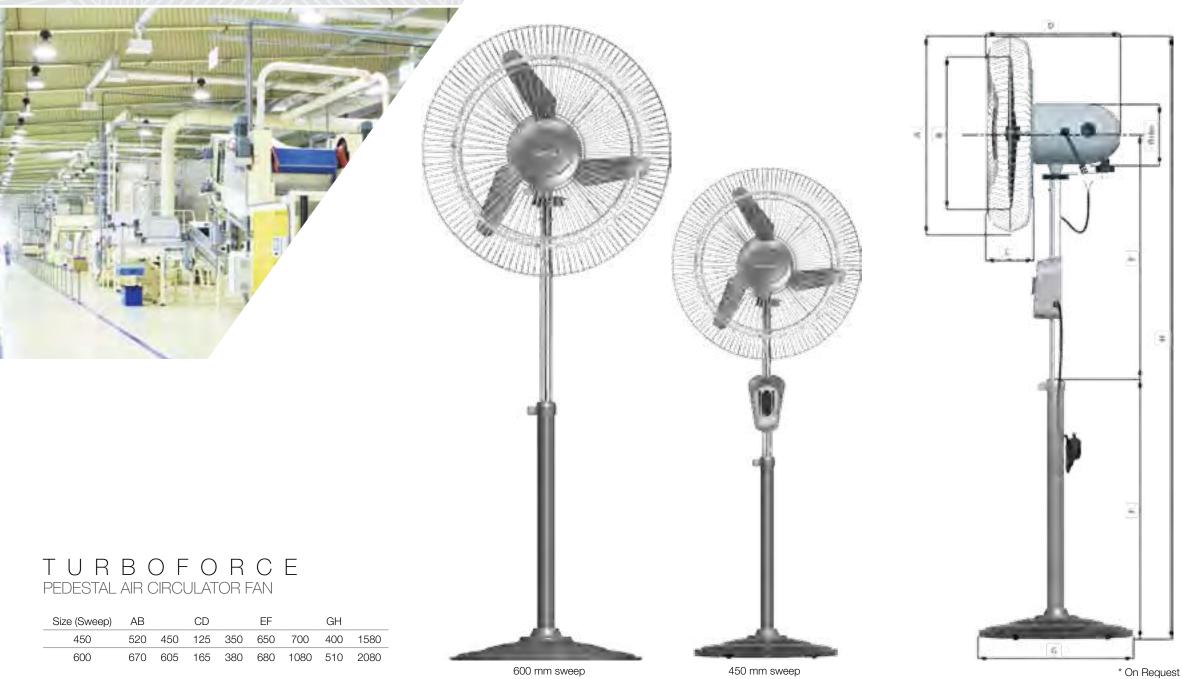


Air Delivery measurement at a distance of 6 times blade sweep from the fan as per IS 2997-1964 Specifications may vary without notice due to continuous technology upgradation.

^{*} On request







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