



Performance Ka  
**Higher** Standard

FANS CATALOGUE 2026

# STANDARD | ABOUT US

## RAISING CUSTOMER DELIGHT THROUGH HIGHER PERFORMANCE

In the electrical industry, over the last 60 years, Standard Electricals has emerged as one of India's preferred brands.

Living up to its brand purpose—*Performance ka higher standard*—the business offers a wide range of technologically advanced products. From fans and water heaters to MCBs, RCCBs, distribution boards, modular switches, and copper flexible cables, every product reflects Standard's unwavering commitment to raising the bar of excellence.

To make these solutions accessible, Standard has developed an extensive network encompassing 3,000+ authorized dealers, 25+ exclusive brand stores, and 25,000+ retail outlets.

At the forefront of Standard's product evolution lies its Customer Experience & Designs (CXD) Studio, where creativity and user-centric design converge. This is complemented by its Centre for Research & Innovation (CRI), supported by four advanced R&D centres, enabling the business to consistently deliver products that are both functional and visually compelling.

Anchored in the 'Make in India' initiative, Standard operates five cutting-edge manufacturing facilities in Haridwar, Baddi, Sahibabad, Neemrana, and Alwar. Each product is rigorously tested to meet the highest safety and performance thresholds, ensuring the best quality.

Beyond its strong presence in the Indian market, Standard has also made a mark internationally. It has a significant presence in key SAARC nations, the Middle East, and African markets.

Driven by a commitment to innovation, quality, and design, Standard also upholds sustainable practices throughout its operations, including eco-friendly manufacturing processes and energy-efficient product design, contributing to a greener and more sustainable future.



CORPORATE OFFICE, NOIDA



State-of-the-Art Manufacturing Unit



Customer Experience & Design



Center For Research & Innovation



CUTTING AREA

# EQUATOR



WALNUT GOLD



PEARL WHITE



WALNUT GOLD



Anti dust coating is not applicable to wood finish fan



1 STAR  
ENERGY RATING



WOOD FINISH  
DESIGN



DECORATIVE  
LIGHT



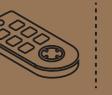
BREEZE &  
SLEEP MODE



SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY m <sup>3</sup> /min
1200 mm	230 V	48 W	330 r/min	2.16 m <sup>3</sup> /min



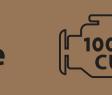
Free  
Installation



Remote  
Operation



3 Colour LED  
Light with Dimmable  
Feature



100%  
Copper Motor



Made in  
India



## BLDC FANS

BLDC RANGE

CUTTING AREA

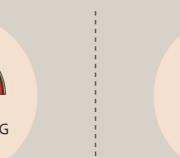
## PRIMAIR



WHITE

3 Years  
WarrantyFree  
InstallationABS Body  
& BladesReverse  
RotationWider  
Air ThrowRemote  
OperationSuper-Silent  
Performance

GRAPHITE

5 STAR  
ENERGY RATINGBLDC  
MOTORSAVE UP TO  
50%  
ON  
ENERGY BILLIS 3742-2019  
CM-00004286

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY m <sup>3</sup> /min
1200 mm	230 V	37 W	280 r/min	240 m <sup>3</sup> /min

## ODION



PEARL WHITE



PEARL BROWN



SLATE

BLDC RANGE

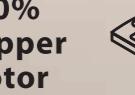
ISI 74-01



CM-00864436

CUTTING AREA

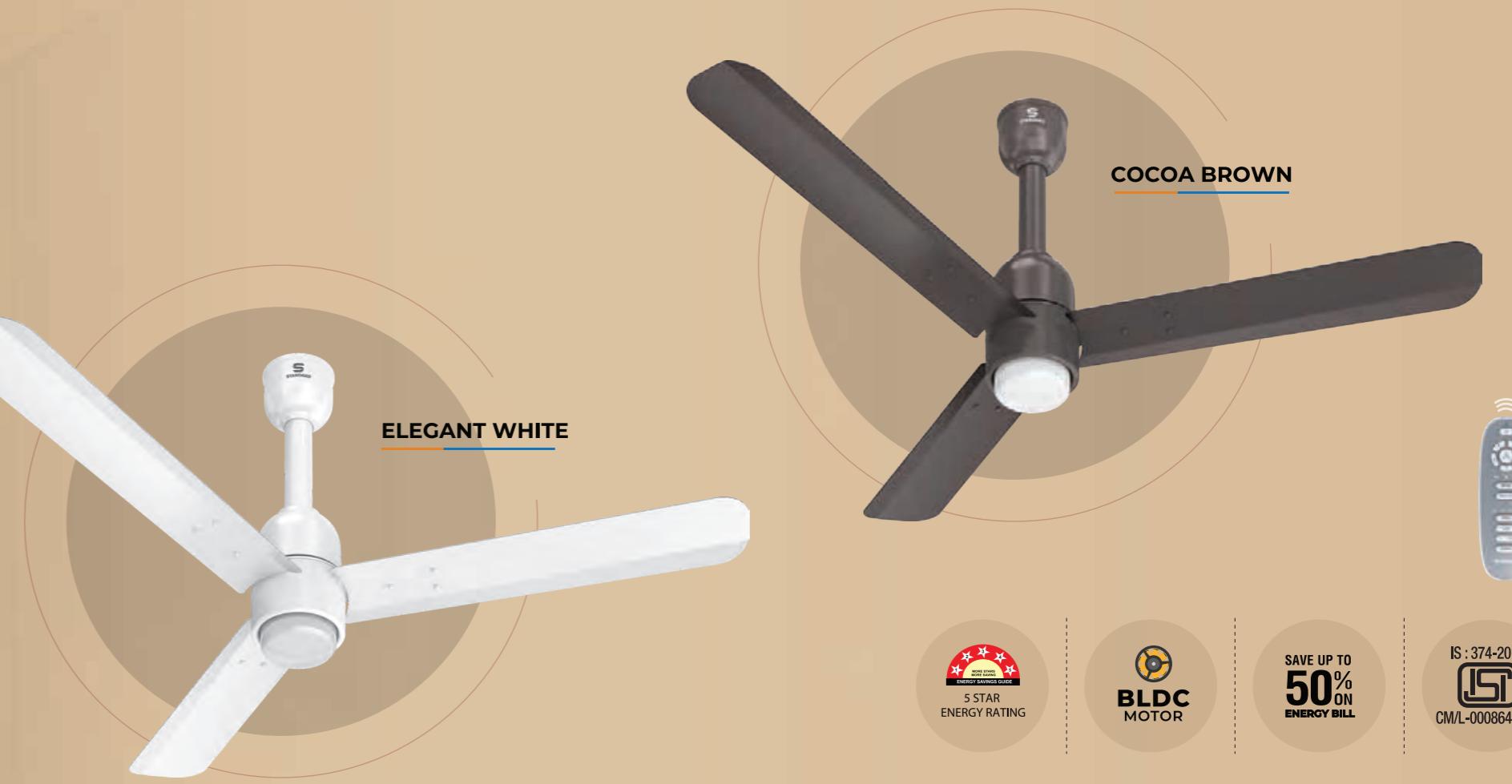
SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt.)	SPEED/r/min (RPM)	AIR DELIVERY (m³/min)
1200 mm	230V	33W	320 r/min	220m³/min

3 Years  
WarrantyFree  
InstallationPremium  
IMD FinishWider Air  
Throw100%  
Copper  
MotorRemote  
Operation

# BRIZA MAX



COCOA BROWN



ELEGANT WHITE

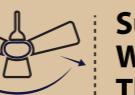
SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED (r/min) (RPM)	AIR DELIVERY (m³/min)
1200 mm	230 V	33 W	350 r/min	220 m³/min



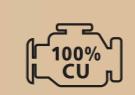
LED Light with  
CCT and Dimming



Super-Silent  
Performance



Super-speed  
Wider Air  
Throw



100%  
Copper  
Motor



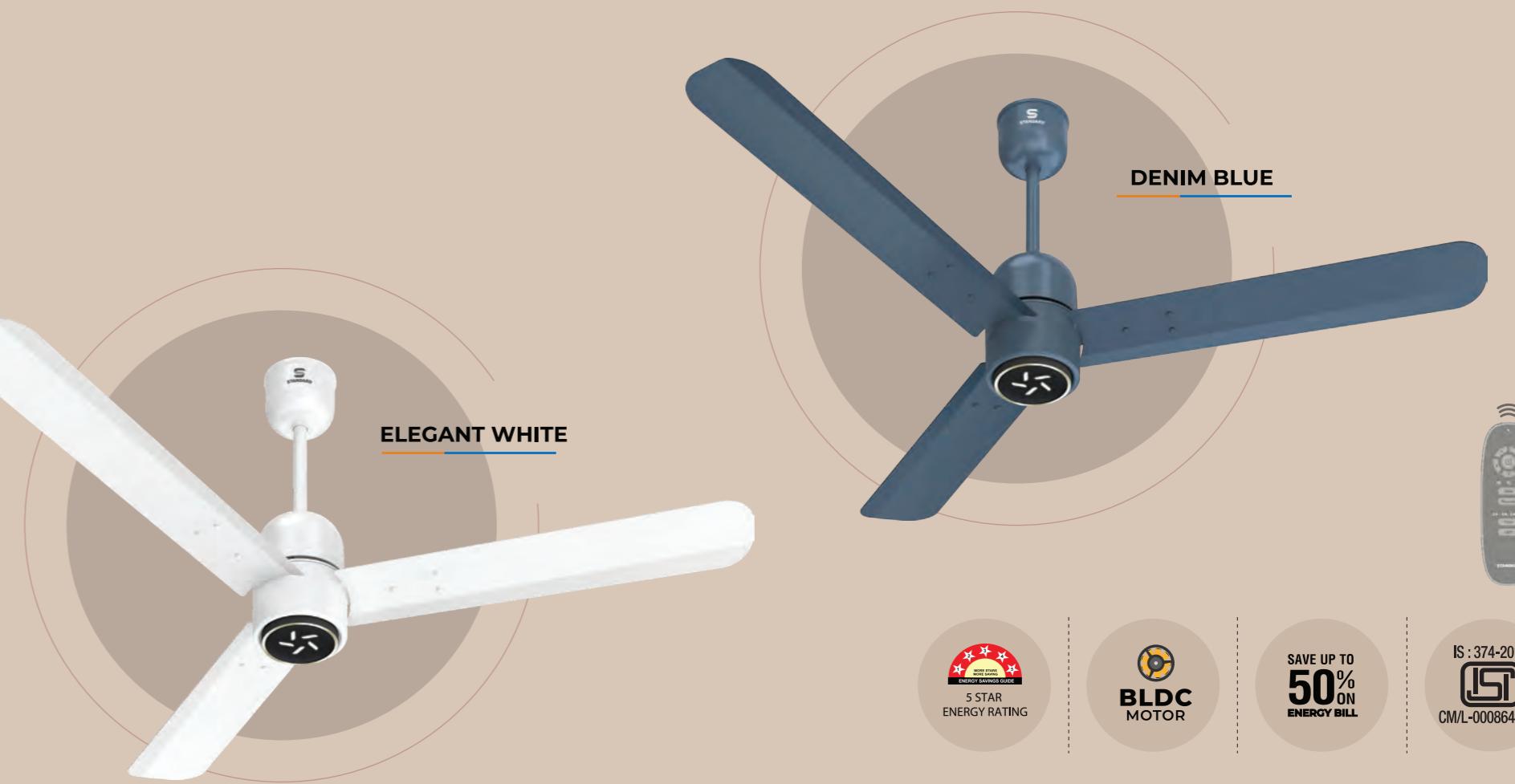
3 Years  
Warranty



Made in  
India

**BRIZA PLUS***Coming  
SOON*

STONE GREY

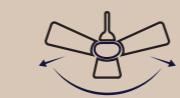


STONE GREY

DENIM BLUE

ELEGANT WHITE

SWEET (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY m <sup>3</sup> /min
1200 mm	230 V	33 W	350 r/min	220 m <sup>3</sup> /min


**Super-speed  
Wider Air  
Throw**

**100%  
Copper  
Motor**

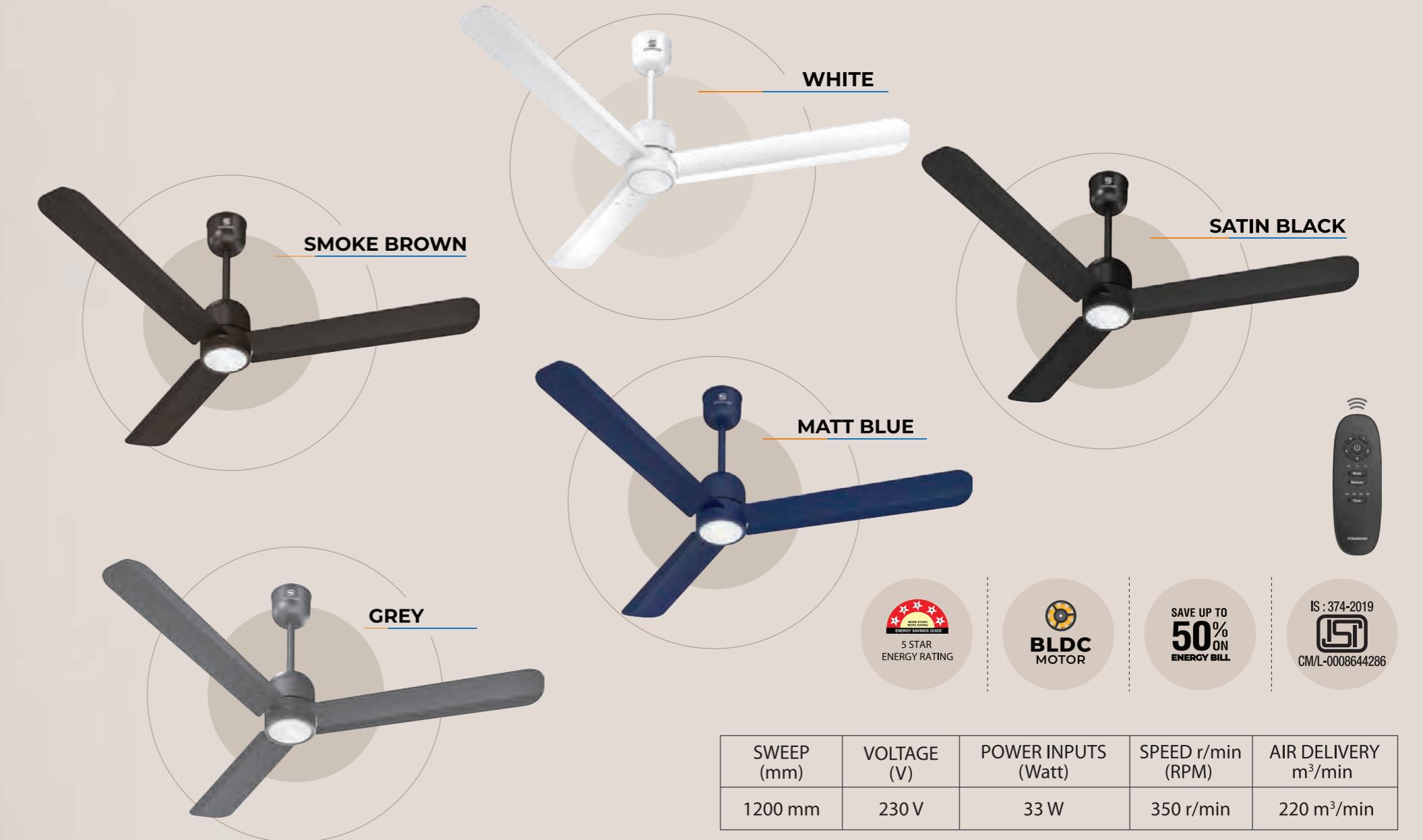
**3 Years  
Warranty**

**Made in  
India**

# BRIZA NEO



**REY**



SWEET (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	33 W	350 r/min	220 $\text{m}^3/\text{min}$



## RF Remote sensing in All Direction



100%  
Copper  
Motor



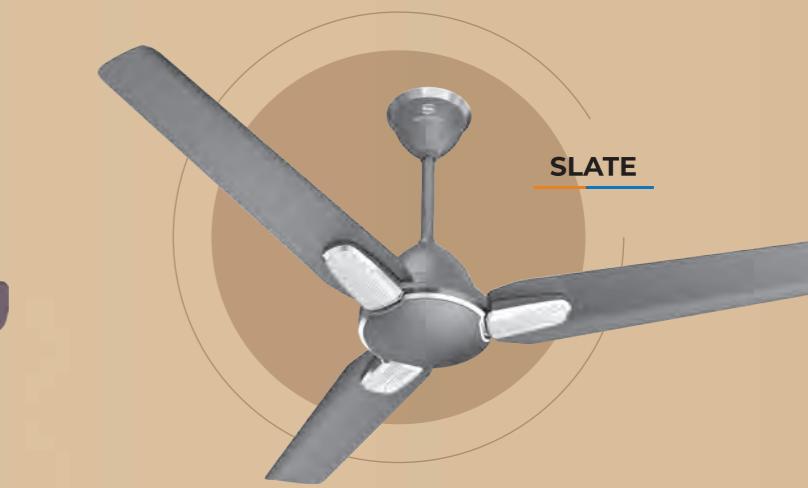
**3 Years  
Warranty**



Made  
India



## VENTO

Remote  
OperationSuper-Speed  
Wider Air ThrowSuper-Silent  
Performance100%  
Copper Motor2 Years  
WarrantyMade in  
India

IS 4730:2019

M/L-08084486

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY m <sup>3</sup> /min
1200 mm	230 V	33 W	350 r/min	220 m <sup>3</sup> /min

BLDC RANGE

CUTTING AREA

## FROTER DECOR



PEARL WHITE

MIST DUSK

5 STAR ENERGY RATING

BLDC MOTOR

SAVE UP TO 50% ON ENERGY BILL

HIGH SPEED

IS 7420:19  
M/L 086446

SWEEP (mm)	VOLTAGE (V)	POWER INP'UTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY m³/min
1200 mm	230 V	32 W	380 r/min	225 m³/min

Premium IMD Finish

Remote Operation

Dust Fighter

100% Copper Motor

2 Years Warranty

Made in India

## FROGER



SMOKE BROWN



BLDC RANGE

IS:74019

C/L-0864486

HIGH SPEED

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY m <sup>3</sup> /min
1200 mm	230 V	32 W	380 r/min	225 m <sup>3</sup> /min



Remote Operation



RF Remote Sensing in All Direction



100% Copper Motor

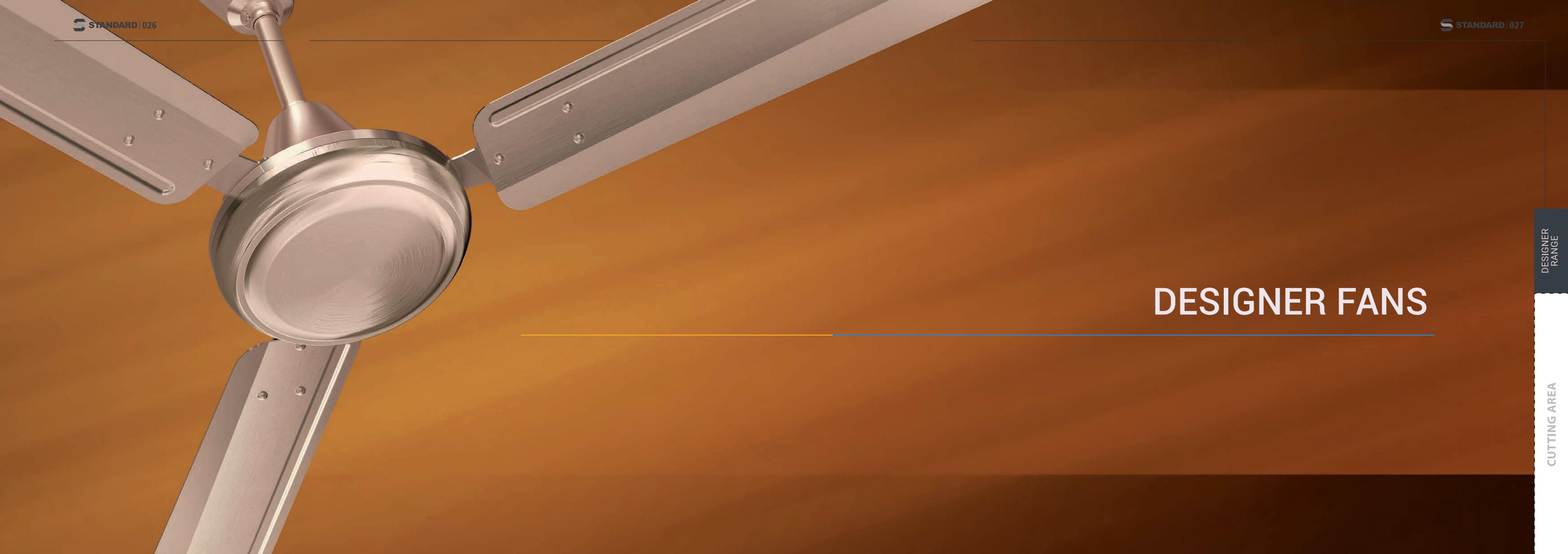


2 Years Warranty



Made in India

CUTTING AREA



# DESIGNER FANS



**STANDARD | 028** **STANDARD | 09**

**DESIGNER RANGE**

**CUTTING AREA**

**BRUSHED NICKEL**

**ANTIQUE BRASS**

**1 STAR ENERGY SAVING**

**HIGH SPEED**

**ELECTROPLATED FINISH**

**WIDER BLADES FOR HIGHER AIR DELIVERY**

**IS 14320:19  
M/L-08644648**

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	50 W	370 r/min	25 $\text{m}^3/\text{min}$

**100% Copper Motor**

**RIBBED BLADE FOR BETTER BLADE STRENGTH**

**2 Years Warranty**

**Made in India**



## DASHER PRIME





**CHAMPAGNE  
CHERRY WOOD**



**PEARL WHITE  
WOOD**



1 STAR  
ENERGY RATING



CONTEMPORAY  
DESIGN



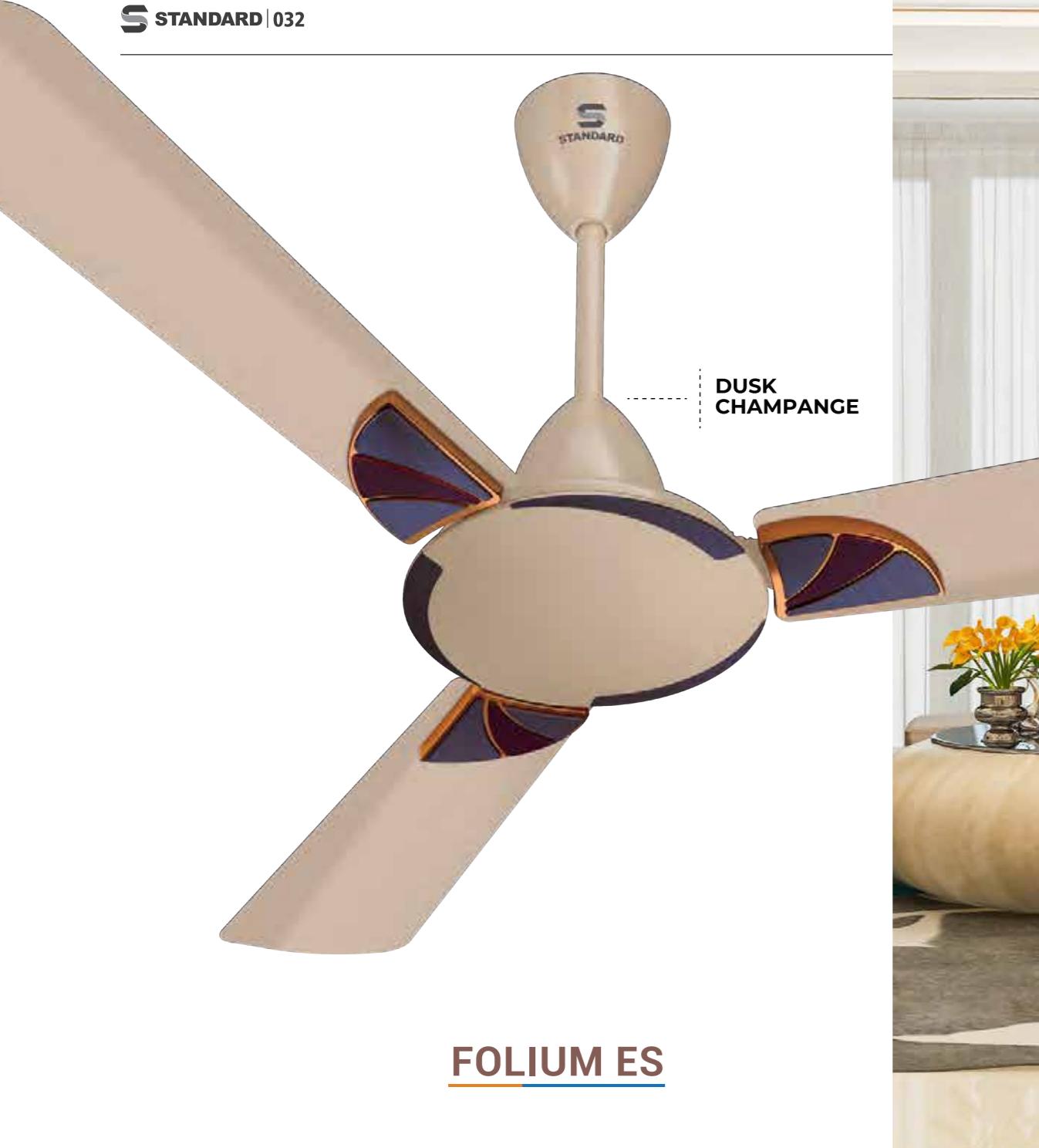
SUPER  
SPEED



IS 374219  
CM-008644286

SWEET (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $m^3/min$
1200 mm	230 V	50 W	370 r/min	25 $m^3/min$
900 mm	230 V	39 W	420 r/min	140 $m^3/min$
600 mm	230 V	57 W	850 r/min	112 $m^3/min$





**SILVER SLATE**

**APPHRE SILVER**

**PEARL BROWN-BEIGE**

**PEARL WHITE**

1 STAR  
ENERGY RATING

METALLIC  
FINISH

HIGH  
SPEED

IS : 374-2019  
CM/L-0008644286

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY m <sup>3</sup> /min
1200 mm	230 V	48 W	370 r/min	20 m <sup>3</sup> /min

**Dust  
Fighter**

**100%  
Copper Motor**

**2 Years  
Warranty**

**Made in  
India**



DESIGNER RANGE

CUTTING AREA



SWEET (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	370 r/min	20 $\text{m}^3/\text{min}$



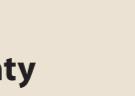
**Dust  
Fighter**



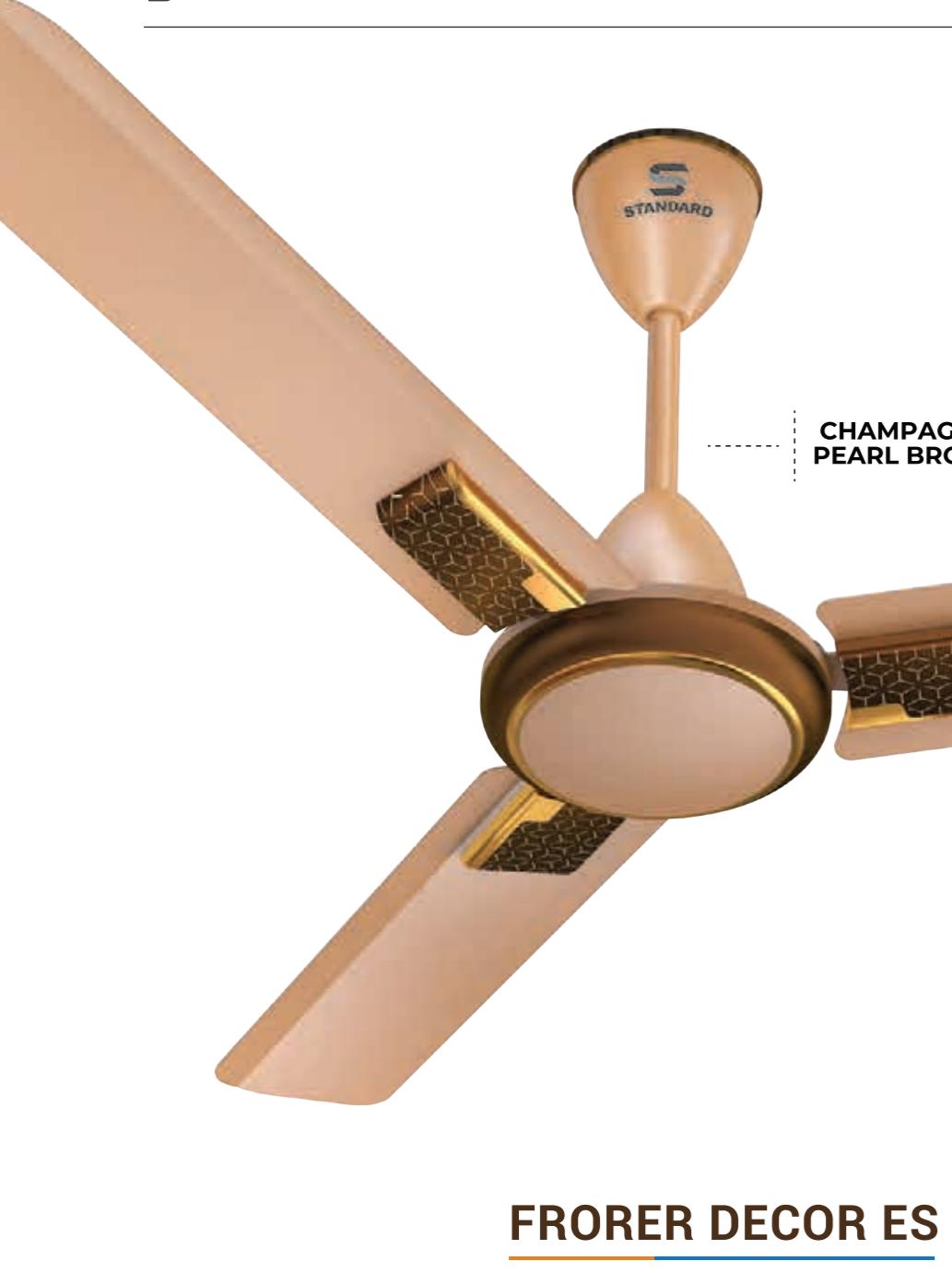
**100%  
Copper Motor**



**2 Years  
Warranty**



**Made in  
India**



SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	370 r/min	20 $\text{m}^3/\text{min}$
900 mm	230 V	39 W	420 r/min	14 $\text{m}^3/\text{min}$
600 mm	230 V	57 W	850 r/min	112 $\text{m}^3/\text{min}$



Premium  
IMD Finish



Dust  
Fighter



100%  
Copper Motor



2 Years  
Warranty



Made in  
India



## RIPPLE



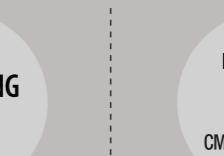
CUTTING AREA  
DESIGNER RANGE



WIDER  
BLADES

CONTEMPORARY  
DESIGN

METALIZING  
TRIMS



SWEET (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	370 r/min	20 $\text{m}^3/\text{min}$



Dust  
Fighter



100%  
Copper Motor



2 Years  
Warranty



Made in  
India

\* Anti dust coating is not applicable for matt finish



FROGER ES





**ELEGANT WHITE COPPER**



**MATT BLUE INDIGO CHROME**



1 STAR  
ENERGY RATING



HIGH  
SPEED



MATT/  
METALLIC FINISH



CONTEMPORARY  
DESIGN



S: 37-019  
C/L-00804286

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1400 mm	230 V	54 W	290 r/min	25 $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	370 r/min	22 $\text{m}^3/\text{min}$
900 mm	230 V	39 W	420 r/min	14 $\text{m}^3/\text{min}$
600 mm	230 V	57 W	850 r/min	112 $\text{m}^3/\text{min}$



100%  
Copper Motor



Wide  
Range



2  
YEARS  
Warranty



MADE  
IN  
INDIA



Made  
in  
India





**INDIGO BLUE CHAMPAGNE**



**MATT BLACK CHROME**



**MAROON ESPRESSO BROWN**



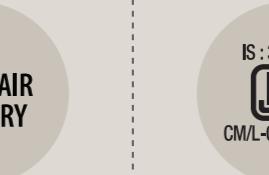
**DESIGNER RANGE**



1 STAR  
ENERGY RATING



**SUPER SPEED**



**WIDER AIR DELIVERY**



IS : 374-2019  
CM/L-0008644286

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	370 r/min	20 $\text{m}^3/\text{min}$



**High Performance  
at Low Voltage**



**100%  
Copper Motor**



**2 Years  
Warranty**



**Made in  
India**



KEYA ES

SMOKE  
BROWN QUARTZ

SWEEP (mm)

1200 mm



VOLTAGE (V)

230 V



POWER INPUTS (Watt)

48 W



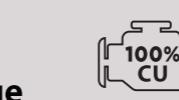
SPEED r/min (RPM)

370 r/min



AIR DELIVERY m³/min

20 m³/min

High  
Performance  
at Low Voltage100%  
Copper Motor2 Years  
WarrantyMade in  
India



**S** STANDARD | 046



**STANDARD | 047**

**WHITE - ESPRESSO BROWN**

**BIANCO PEARL BROWN**

**DESIGNER RANGE**

**CUTTING AREA**

SWEET (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $m^3/min$
1200 mm	230 V	48 W	370 r/min	26 $m^3/min$
900 mm	230 V	39 W	420 r/min	14 $m^3/min$
600 mm	230 V	57 W	850 r/min	112 $m^3/min$

 **High Performance at Low Voltage**

 **2 Years Warranty**

 **Made in India**





**WHITE**



**SMOKE BROWN**



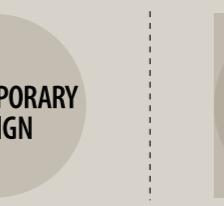
**1 STAR  
ENERGY RATING**



**HIGH  
SPEED**



**CONTEMPORARY  
DESIGN**



**IS : 374-2019  
CM/L-0008300138211**

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY m <sup>3</sup> /min
1200 mm	230 V	48 W	390 r/min	26 m <sup>3</sup> /min



**High  
Performance  
at Low Voltage**



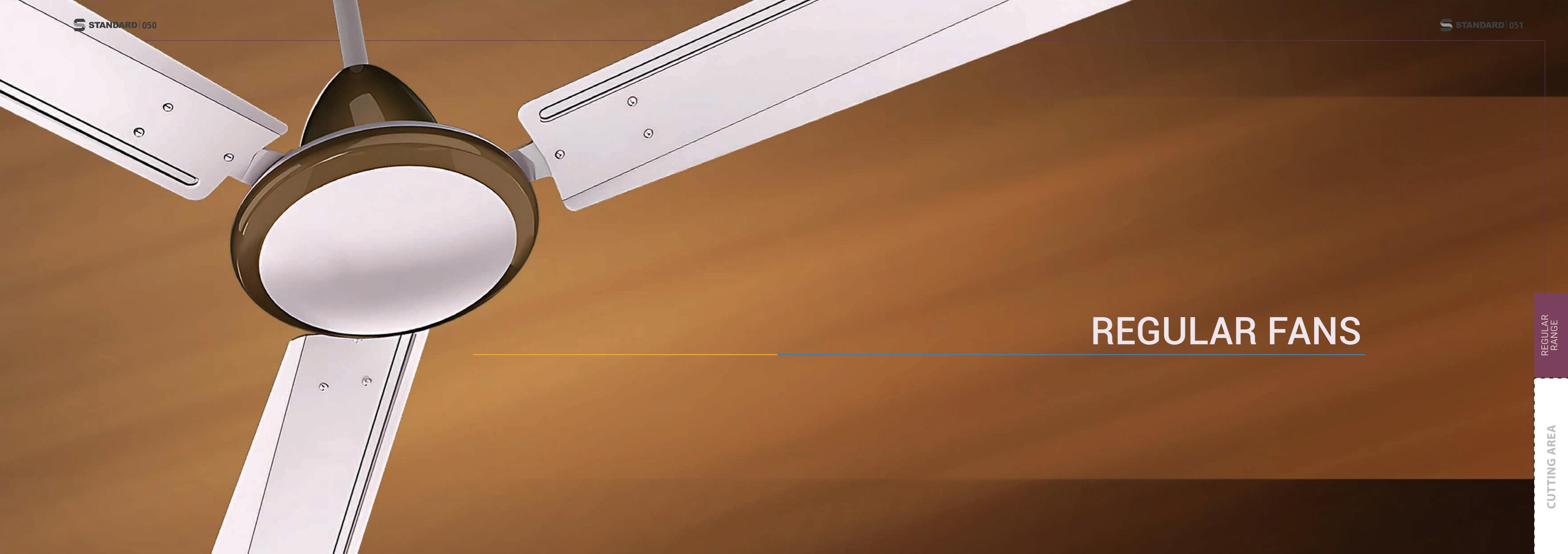
**100%  
Copper Motor**



**2  
YEARS  
WARRANTY**



**Made  
in  
India**



# REGULAR FANS

REGULAR  
RANGE

CUTTING AREA

**BREEZER  
PREMIUM ES**1 STAR  
ENERGY RATINGMETALLIC  
FINISHWIDER AIR  
DELIVERYIS : 374-2019  
CM/L-0008644286

SWEET (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	370 r/min	20 $\text{m}^3/\text{min}$

Dust  
Fighter100%  
Copper Motor2 Years  
WarrantyMADE  
IN  
INDIA



SAILOR ES

CUTTING AREA

**PEARL WHITE SILVER**

**CHAMPAGNE GOLD**

**METALLIC BROWN - GOLD**

**GOLD**

1 STAR  
ENERGY RATING

METALLIC  
FINISH

HIGH  
SPEED

IS : 374-2019  
CM/L-0008644286

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	370 r/min	20 $\text{m}^3/\text{min}$
900 mm	230 V	39 W	420 r/min	140 $\text{m}^3/\text{min}$

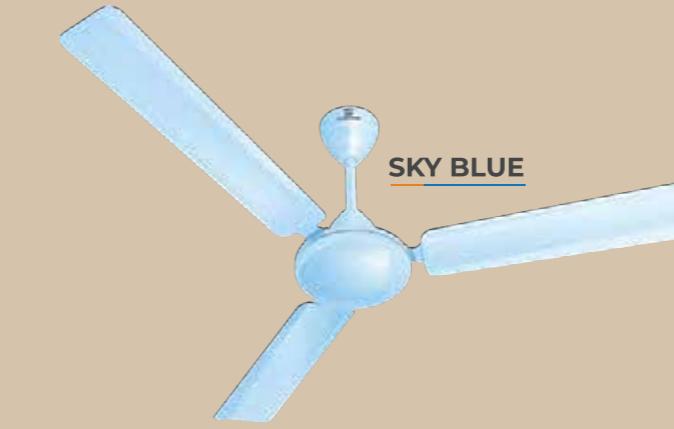
Dust  
Fighter

100%  
Copper Motor

2  
YEARS  
WARRANTY

Made  
in  
India





**SKY BLUE**



**WHITE**



**SMOKE BROWN**



**1 STAR  
ENERGY RATING**

**HIGH SPEED**

**WIDER AIR  
DELIVERY**



**IS : 374-2019  
CM/L-0008644286**

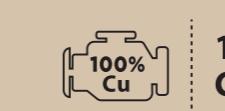
<b>SWEEP (mm)</b>	<b>VOLTAGE (V)</b>	<b>POWER INPUTS (Watt)</b>	<b>SPEED r/min (RPM)</b>	<b>AIR DELIVERY <math>m^3/min</math></b>
1400 mm	230 V	54 W	290 r/min	25 $m^3/min$
1200 mm	230 V	48 W	370 r/min	22 $m^3/min$
900 mm	230 V	39 W	420 r/min	14 $m^3/min$
600 mm	230 V	57 W	850 r/min	112 $m^3/min$



**High  
Performance  
at Low Voltage**



**100%  
Copper Motor**



**2  
YEARS  
WARRANTY**



**Made in  
India**



SPIDO NEO ES





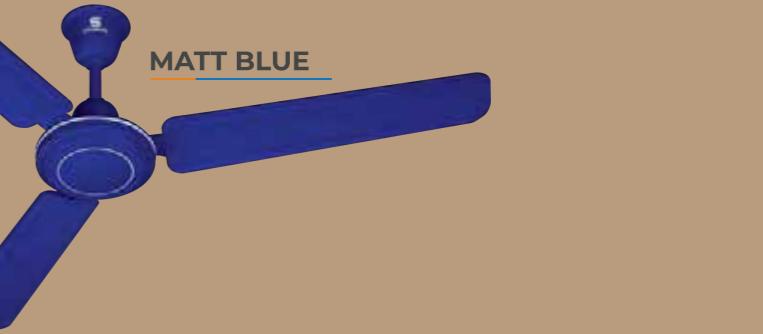
WHITE



SMOKE BROWN



BIANCO



MATT BLUE



1 STAR  
ENERGY RATING

HIGH SPEED

DOUBLE BALL  
BEARING



IS : 374-2019  
CM/L-0008300138211

SWEEP (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	390 r/min	26 $\text{m}^3/\text{min}$
900 mm	230 V	38 W	450 r/min	140 $\text{m}^3/\text{min}$



High  
Performance  
at Low Voltage



100%  
Copper Motor



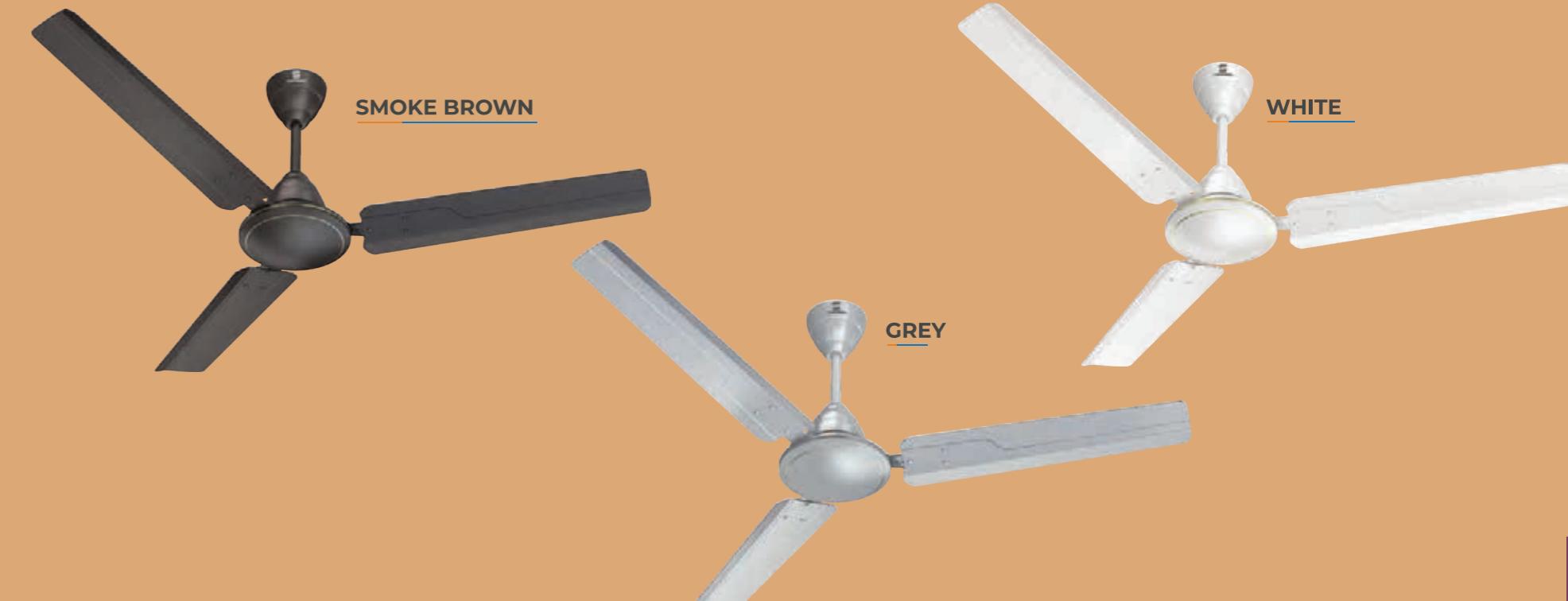
2  
Years  
Warranty



Made in  
India



**BUZZ NX**



**SUPER  
SPEED**



SWEET (mm)	VOLTAGE (V)	POWER INPUTS (Watt)	SPEED r/min (RPM)	AIR DELIVERY $\text{m}^3/\text{min}$
1200 mm	230 V	48 W	370 r/min	26 $\text{m}^3/\text{min}$



**Super  
speed**



**Wider Air  
Delivery**



**Double Ball  
Bearing**



**2 Years  
Warranty**



**Made in  
India**



## PORTABLE FANS

## ALFA PRO HIGH SPEED

Pedestal Fan, 400 mm



WEB MESH GUARD  
FOR HIGHER SAFETY



POWER  
105 W



OSCILLATION



RF Remote  
Sensing in All  
Direction

Aerodyn-  
amically designed  
& Balanced  
PP Blade

Sleep,  
Breeze &  
Timer

IS : 302-2-80 : 2017  
CM/L-8300169416

Wall Fan, 400 mm

Pedestal Fan,  
400 mm

CUTTING AREA

Model	Sweep (mm)	Power Inputs (Watt)	Speed r/min (RPM)	Air Delivery m <sup>3</sup> /min
Alfa Pro Pedestal	400 mm	57 W	1350 r/min	65 m <sup>3</sup> /min
Alfa Pro Pedestal	400 mm	57 W	1350 r/min	65 m <sup>3</sup> /min
Alfa Pro Wall	400 mm	57 W	2100 r/min	65 m <sup>3</sup> /min
Alfa Pro Wall	400 mm	57 W	2000 r/min	65 m <sup>3</sup> /min

## ALFA HIGH SPEED



Wall Fan, 300 mm

WEB MESH GUARD  
FOR HIGHER SAFETYPOWER  
105 W

OSCILLATION



Wall Fan, 400mm



Table Fan, 400 mm

Pedestal Fan,  
400 mm

IS : 302-2-80 : 2017



CM/L-8300169416

SUPER SPEED  
2100 r/minOVERLOAD  
PROTECTIONDOUBLE BALL  
BEARING

Model

Sweep (mm)

Power Inputs (Watt)

Speed r/min (RPM)

Air Delivery m³/min

Alfa HS Table

400 mm

125 W

2100 r/min

90 m³/min

Alfa HS Pedestal

400 mm

125 W

2100 r/min

90 m³/min

Alfa HS Wall

400 mm

125 W

2100 r/min

90 m³/min

Alfa HS Wall

300 mm

105 W

2000 r/min

65 m³/min

## ALFA



WEB MESH GUARD  
FOR HIGHER SAFETY



POWER  
57 W



ATTRACTIVE  
DUAL COLOR



Wall Fan, 400 mm  
White, Black, Blue & Blue -White



Wall Fan, 300 mm



Pedestal Fan, 400 mm  
White, Black, Blue & Blue -White



PORTABLE  
RANGE

Model	Sweep (mm)	Power Inputs (Watt)	Speed r/min (RPM)	Air Delivery m <sup>3</sup> /min
Alfa Table	400 mm	57 W	1350 r/min	65 m <sup>3</sup> /min
Alfa Pedestal	400 mm	57 W	1350 r/min	65 m <sup>3</sup> /min
Alfa Wall	400 mm	57 W	1350 r/min	65 m <sup>3</sup> /min
Alfa Wall	300 mm	57 W	1350 r/min	52 m <sup>3</sup> /min

CUTTING AREA

## GAMA



**GAMA**  
Pedestal Fan, 400 mm

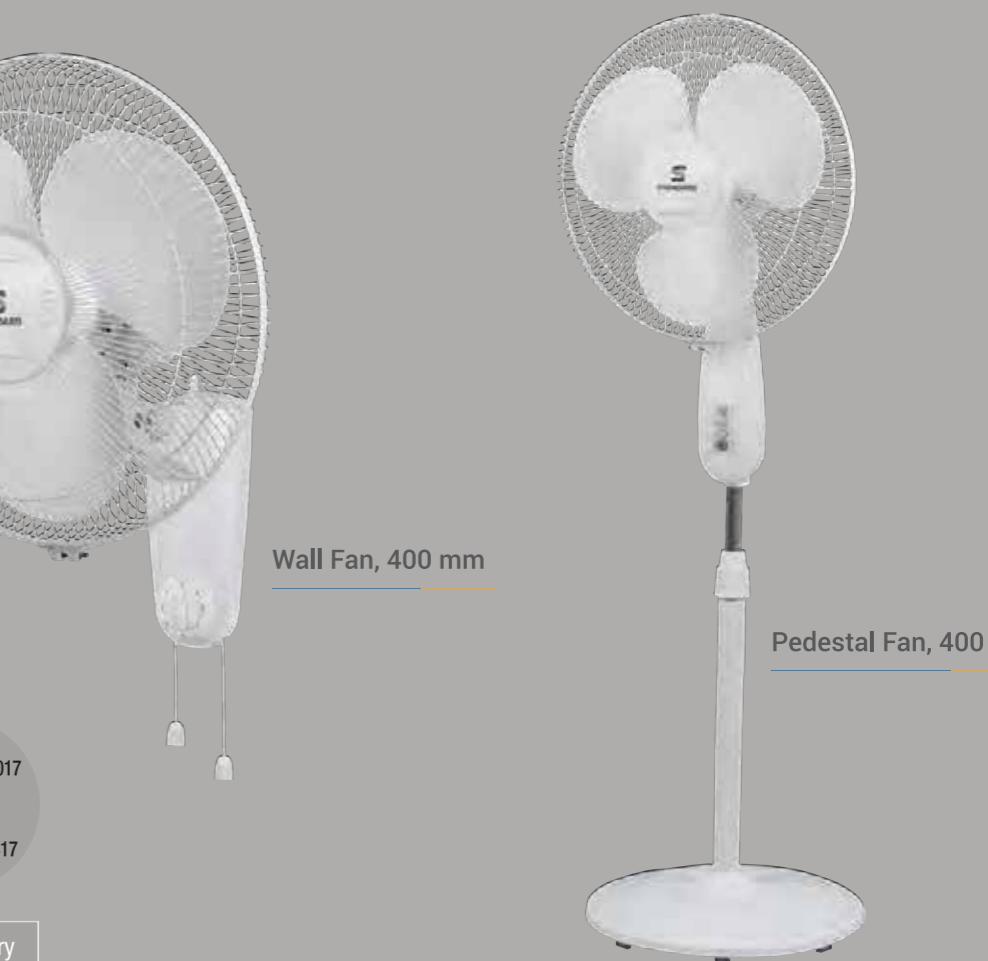


WEB MESH GUARD  
FOR HIGHER SAFETY



POWER  
65 W

Model	Sweep (mm)	Power Inputs (Watt)	Speed r/min (RPM)	Air Delivery m <sup>3</sup> /min
Gama Pedestal	400 mm	65 W	1350 r/min	65 m <sup>3</sup> /min
Gama Wall	400 mm	65 W	1350 r/min	65 m <sup>3</sup> /min



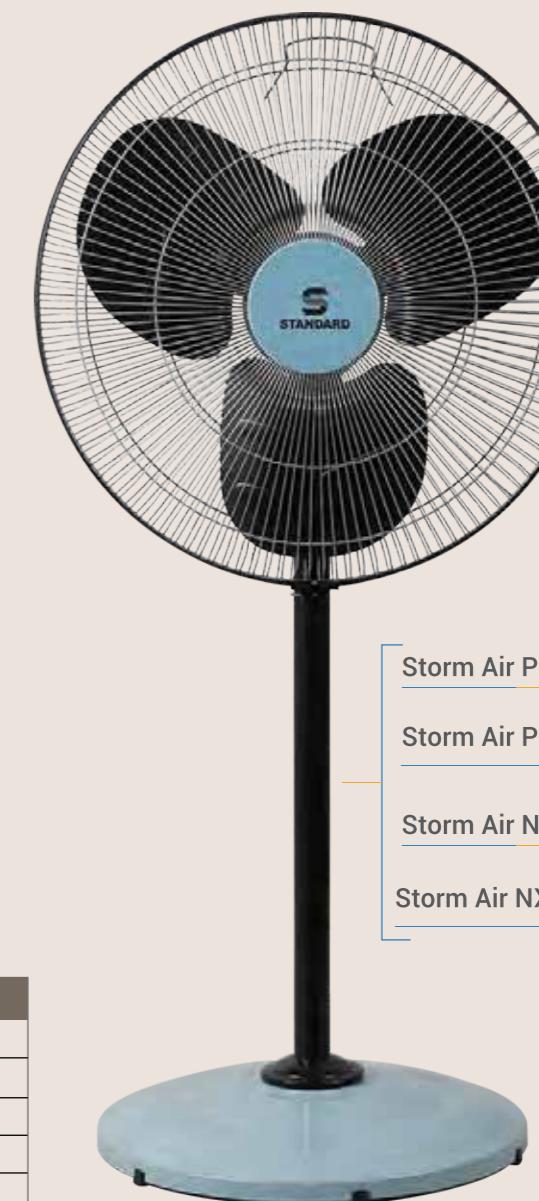
Wall Fan, 400 mm

Pedestal Fan, 400 mm

## PORTABLE FANS



Model	Sweep (mm)	Power Inputs (Watt)	Speed r/min (RPM)	Air Delivery m <sup>3</sup> /min
Storm Air Pro	500 mm	135 W	1350 r/min	140 m <sup>3</sup> /min
Storm Air Pro Oscillation	500 mm	135 W	1350 r/min	140 m <sup>3</sup> /min
Storm Air Neo Oscillation	400 mm	90 W	2000 r/min	100 m <sup>3</sup> /min
Storm Air NX	500 mm	145 W	1400 r/min	140 m <sup>3</sup> /min
Storm Air NX Oscillation	500 mm	145 W	1400 r/min	140 m <sup>3</sup> /min



## PORTABLE FANS



**AXIS**  
Cabin Fan, 300 mm



**PLUTO NEO Turquoise**  
Blue Cabin Fan, 230 mm



Model	Sweep (mm)	Power Inputs (Watt)	Speed r/min (RPM)	Air Delivery m³/min
Axis cabin fan	300 mm	80 W	2300 r/min	75 m³/min
Pluto neo cabin fan	230 mm	45 W	2800 r/min	38 m³/min





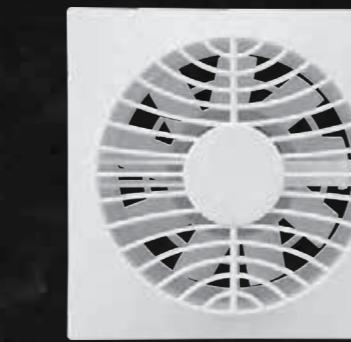
# EXHAUST FANS

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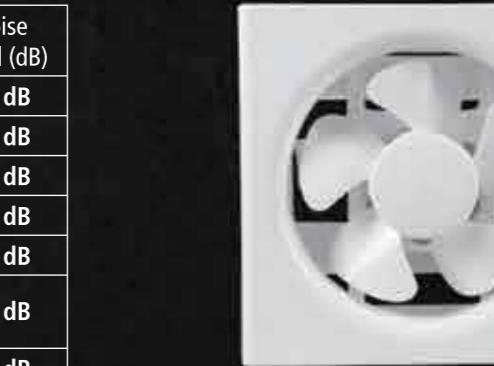
## PLASTIC - EXHAUST FAN



REFRESH AIR CT  
Plastic Exhaust Fan



Refresh Air Window Neo



Refresh Air DX - HS



Refresh Air DX

Model	Sweep (mm)	Power Inputs (Watt)	Speed r/min (RPM)	Air Delivery m <sup>3</sup> /hour	Rated Frequency (Hz)	Noise Level (dB)
Refresh Air CT	150 mm	25 W	2000 r/min	275 m <sup>3</sup> /hour	50 Hz	43 dB
	100 mm	15 W	2400 r/min	120 m <sup>3</sup> /hour	50 Hz	40 dB
Refresh Air DX	250 mm	35 W	1250 r/min	750 m <sup>3</sup> /hour	50 Hz	44 dB
	200 mm	30 W	1300 r/min	500 m <sup>3</sup> /hour	50 Hz	42 dB
Refresh Air Window Neo	150 mm	25 W	1350 r/min	280 m <sup>3</sup> /hour	50 Hz	34 dB
	150 mm	20 W	2100 r/min	250 m <sup>3</sup> /hour	50 Hz	43 dB
Refresh Air DX - HS	150 mm	55 W	2500 r/min	650 m <sup>3</sup> /hour	50 Hz	58 dB
	200 mm	68 W	2000 r/min	900 m <sup>3</sup> /hour	50 Hz	58 dB

## EXHAUST FANS

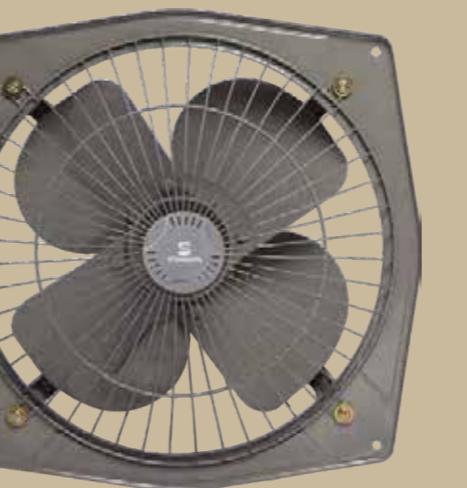


REFRESH AIR SPS  
Metal Exhaust Fan



WEB MESH GUARD  
FOR HIGHER SAFETY

Model	Sweep (mm)	Power Inputs (Watt)	Speed r/min (RPM)	Air Delivery m <sup>3</sup> /hour	Rated Frequency (Hz)	Noise Level (dB)
Refresh Air BB Neo	300 mm	70 W	1400 r/min	1850 m <sup>3</sup> /hour	50 Hz	40 dB
	230 mm	45 W	1400 r/min	860 m <sup>3</sup> /hour	50 Hz	40 dB
Refresh Air SPS	300 mm	45 W	1350 r/min	900 m <sup>3</sup> /hour	50 Hz	40 dB
	230 mm	35 W	1350 r/min	510 m <sup>3</sup> /hour	50 Hz	40 dB
	150 mm	48 W	2750 r/min	400 m <sup>3</sup> /hour	50 Hz	40 dB
Refresh Air SPS Premium	300 mm	45 W	1350 r/min	900 m <sup>3</sup> /hour	50 Hz	49 dB
	230 mm	35 W	1350 r/min	510 m <sup>3</sup> /hour	50 Hz	47 dB



Refresh Air  
DBB Neo

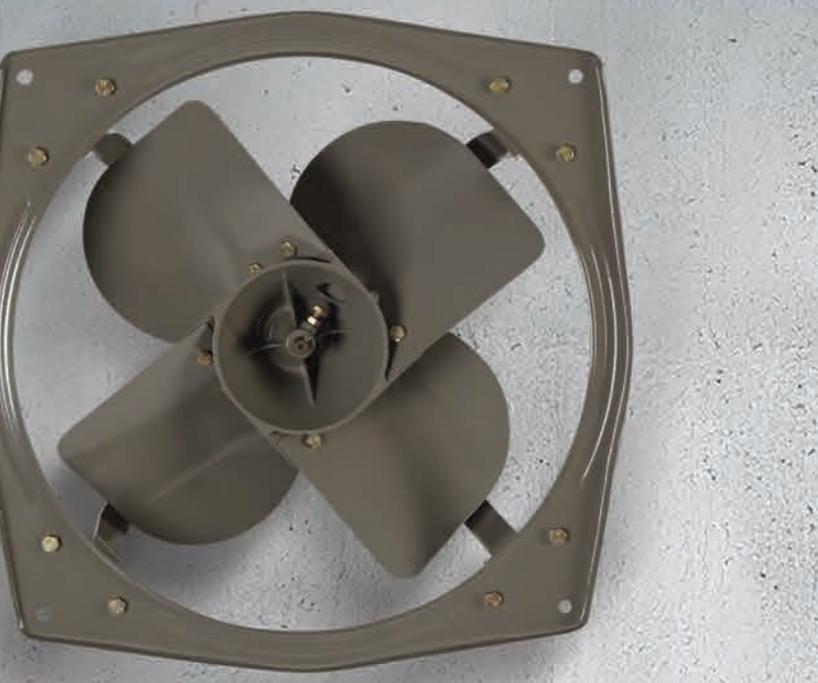


Refresh Air  
SPS Premium



Refresh Air SPS

# INDUSTRIAL EXHAUST FANS



**FRESHNESS**  
Get Fresh Air



**SMOOTHNESS**  
Smooth Running Speed

## REFRESH AIR HD Industrial Exhaust Fan



**IP55**  
Protected



450 & 380  
Refresh Air HD Exhaust Fan

Model	Sweep (mm)	Power Inputs (Watt)	Speed r/min (RPM)	Air Delivery m³/min (CMM)	Current (A)	Noise Level (±1.5dB)
Refresh Air HD	380 mm	166 W	1400 r/min	3700 m³/min	0.77 A	65dB-70 dB
Refresh Air HD	450 mm	410 W	1400 r/min	6200 m³/min	1.98 A	75dB-80 dB



\*

3/4

50 mm

1/4

40 mm

1/2

50 mm

1/2

40 mm

1/2

50 mm

1/2

40 mm

1/2

50 mm

19

67

32-1

IS

32-1

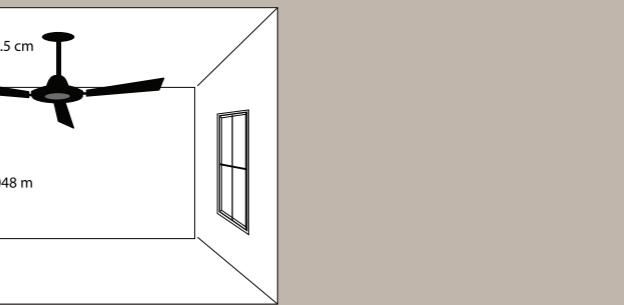
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67

# SELECTION GUIDE

Ceiling Fans Recommended sweep for different room sizes

Model Size	Sweep / size (mm)	Suitable for room size
Ceiling Fan	600 mm	For small shops cabins & low ceiling
Ceiling Fan	750 mm	5.5 m <sup>2</sup> (1.8 m x 3.0 m)
Ceiling Fan	900 mm	6.5 m <sup>2</sup> (2.1 m x 3.0 m)
Ceiling Fan	1050 mm	9.3 m <sup>2</sup> (3.0 m x 3.0 m)
Ceiling Fan	1200 mm	14.5 m <sup>2</sup> (3.6 m x 4 m)
Ceiling Fan	1400 mm	20.8 m <sup>2</sup> (4.3 m x 4.9 m)
Domestic Exhaust Fan	150 mm / 200 mm	9.2 m <sup>3</sup> (1.8 m x 1.8 m x 2.7 m)
Domestic Exhaust Fan	225 mm	16.3 m <sup>3</sup> (2.4 m x 2.4 m x 2.7 m)
Domestic Exhaust Fan	300 mm	20.4 m <sup>3</sup> (3.0 m x 2.4 m x 2.7 m)



To optimize the air delivery, ceiling fan should be approximately 3.048 m from the ground level and 30.5 cm below the ceiling.

For larger room with more than one fan, the centre distance between each fan would vary with the sweep/size of the fan.

For large halls, auditoriums, offices, install two or more ceiling fans with a space as specified below

Sweep of Fan (mm)	Centre Distance
900 mm	1.8 m
1050 mm	2.1 m
1200 mm	2.4 m
1400 mm	3.0 m

Selection Guide-Exhaust Fans Exhaust Fans  
Ventilation rate (m<sup>3</sup>/h) = Volume (m<sup>3</sup>) x air changes per hour

Portable location	Air changes per hour
Office Hall / Bank / Hospital ward	0.8 h - 12 h
Factory / Workshop	1.2 h - 20 h
Canteen / Restaurant	1.5 h - 20 h
Boiler House / Foundry	4.0 h - 60 h
Cinema / Auditorium / Kitchen / Toilet / Photographic darkroom	20 h - 30 h
Laboratory	0.8 h - 30 h

Example 1

Location : Office  
Air Volume : length (10 m) X width (10 m) x height (4 m) = 400 m<sup>3</sup>  
Air movement : 400 m<sup>3</sup> X 10 h (as per table) = 4000 m<sup>3</sup>/h

Example 2

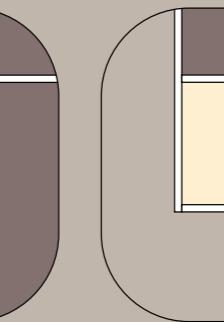
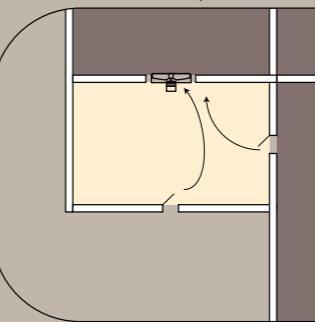
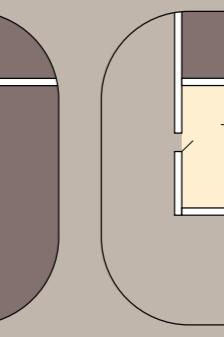
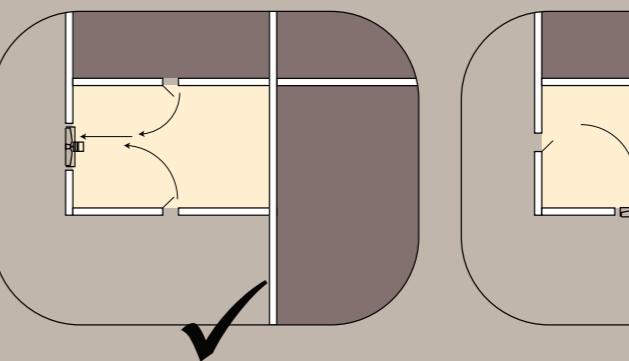
Location : Factory  
Air Volume : length (30 m) X width (20 m) x height (8 m) = 4800 m<sup>3</sup>  
Air movement : 4800 m<sup>3</sup> X 20 h = 96000 m<sup>3</sup>/h

Total Exhaust fan requirement

2 N (One fan of 300 mm sweep, 1420 r/min (Revolutions Per Minute)  
Exhaust fan discharge air @ 2000 m<sup>3</sup>/h).

Total Exhaust fan requirement

9 N (One fan of 300 mm sweep, 1420 r/min (Revolutions Per Minute)  
Exhaust fan discharge air @ 10250 m<sup>3</sup>/h).





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