

India's First Ceiling Fan with Only **30 Watts** Power Consumption



Advantages

- Only **30 Watts** Power Consumption
- Operating Voltage: 100V-300VAC
- Constant Speed from 120V- 270V
- With Exclusive Design for Less Power Consumption on Lower Speed
- Inverter Friendly with 45+ Hours Backup on Lowest Speed (12V, 60Ahr Battery)
- 7W Power Consumption at Lowest Speed, Less than half that of a CFL
- Help reduce Carbon Emission for Greener India
- Use 5 Fans in Electricity Cost of 2 Fans



Features

- Sturdy Aluminum Body
- Copper Winding
- Precision Double Ball Bearing
- Lubricated For Life
- Dynamically Balanced
- Noise less Operation





TECHNICAL SPECIFICATIONS

Specification	900 MM SWEEP				1050 MM SWEEP			
Volts	Power	Bearing	Speeds	Regulator	Power	Bearing	Speeds	Regulator
120-270	17 W	Two Ball Bearing	5*	Orbit Design**	23 W	Two Ball Bearing	5*	Orbit Design**

Specification	1200 MM SWEEP				1400 MM SWEEP			
Volts	Power	Bearing	Speeds	Regulator	Power	Bearing	Speeds	Regulator
120-270	30 W	Two Ball Bearing	5*	Orbit Design**	42 W	Two Ball Bearing	5*	Orbit Design**

* Must use ORBIT Fan Regulator For 5 Speeds. Ordinary Regulator will give only High Speed and ON/OFF Operation

**Orbit Regulator Sold Separately



Speed Table	900 MM SWEEP					1050 MM SWEEP			
Speed	Volts	Hourly Power Consumption	RPM (TYP)±20	Air Flow CMM	Inverter Backup 60AHR12V	Hourly Power Consumption	RPM (TYP)±20	Air Flow CMM	Inverter Backup 60AHR12V
High	120-270	17 Watt	440	140	20+hrs	23 Watt	400	190	15+hrs
Med. High	120-270	13 Watt	380	—	—	16 Watt	340	—	—
Medium	120-270	9 Watt	310	—	—	12 Watt	280	—	—
Low	120-270	7 Watt	240	—	—	9 Watt	220	—	—
Very Low	120-270	5 Watt	200	—	55+hrs	6 Watt	180	—	55+hrs

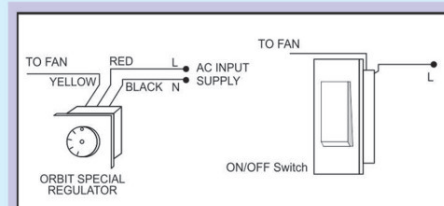
Speed Table	1200 MM SWEEP					1400 MM SWEEP			
Speed	Volts	Hourly Power Consumption	RPM (TYP)±20	Air Flow CMM	Inverter Backup 60AHR12V	Hourly Power Consumption	RPM (TYP)±20	Air Flow CMM	Inverter Backup 60AHR12V
High	120-270	30 Watt	370	210	12+hrs	40 Watt	290	265	8+hrs
Med. High	120-270	20 Watt	310	—	—	24 Watt	240	—	—
Medium	120-270	14 Watt	260	—	—	14 Watt	200	—	—
Low	120-270	9 Watt	200	—	—	10 Watt	160	—	—
Very Low	120-270	6 Watt	160	—	45+hrs	6 Watt	120	—	35+hrs

Performance tested as per IS 374. Actual performance depends upon conditions of use

SERVICE VALUE COMPARISON		
FAN TYPE	STAR RATING (BEE)	SERVICE VALUE*
Conventional 1200mm	3 Star	2.9
High Efficiency 1200mm	5 Star	4
Orbit BL-30	Above 5 Star (No Rating Yet)	>6.5

* SERVICE VALUE = AIRFLOW / WATTS
(As per IS 374, Rev.3)

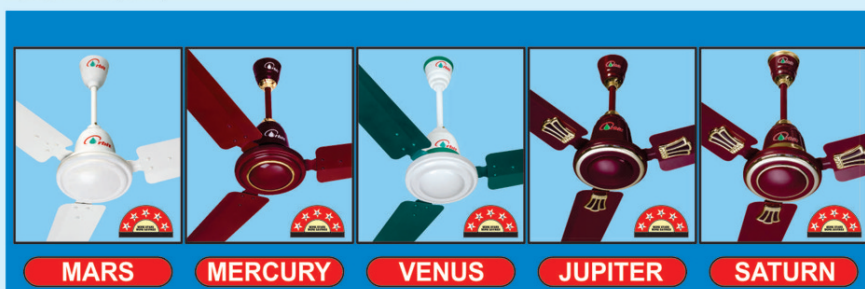
INSTRUCTIONS FOR INSTALLATION OF REGULATOR



Parameter & Criteria	Ordinary Fan	BL-30	5 Star Fan
Nominal Watts (W)	75	30	50
Energy Used W-Hr / 16 Hrs/Day	1200	480	800
Units Used / Month	36	14.4	24
Elec. Bill / Month @6/- Per Unit	216	86	144
@9/- Per Unit	324	130	216

*Annual savings with Orbit BL-30

Note:
Savings Based on Typical Usage and Energy Cost.
Actual Savings will Vary.



Orbit Green-Tec Pvt. Ltd.

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