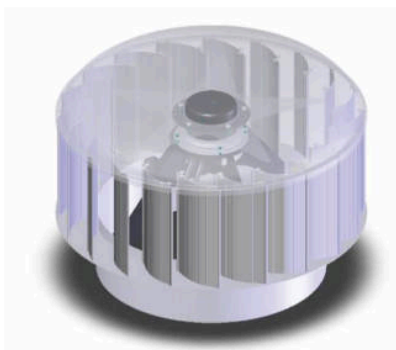


ecopower[®]

WORLD'S FIRST HYBRID VENTILATOR



Electronic commutating
motor of
EBM-PAPST, Germany



SAVES 70 - 80% POWER OVER CONVENTIONAL
TECHNOLOGY POWERED ROOFTOP EXTRACTORS

VIBRATION FREE OPERATION



SINGLE PHASE MOTOR ALLOWS THE VENTILATOR
TO BE SWITCHED BETWEEN WIND AND POWER MODE
WHEN INSIDE CONDITION DEMANDS THE SAME

EXTREMELY SILENT



NO EXTRA SUPPORT REQUIRED
FOR VENTILATOR ON ROOF

- ▶ Zero Failure Zero Maintenance Products
- ▶ India's largest manufacturer, installer & exporter of ventilators
- ▶ More than 70% repeat order customers



SWS

SAFE & RELIABLE PRODUCTS

AWARD WINNING DESIGN

The unique design of the ecopower® combines a number of innovative features to ensure its incredible efficiency.

Open throat

Unique among hybrid vents, ecopower® has no separate axial fan in the throat allowing unparalleled airflow. Research using AS4740:2000 (Performance of Natural Ventilators) has shown clearly that any obstruction in the throat of a natural ventilator will greatly decrease vent performance. The level of flow reduction can be 40% or greater. Also, axial fans located in the throat of wind vents can produce significant noise levels.

Dual bearing function

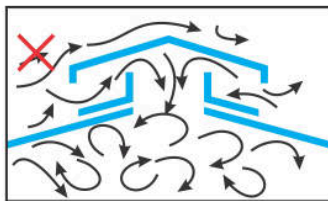
The direct drive centrifugal design means the bearing system of the motor functions as the bearing system of the ventilator. This means that the vent can be free spinning under wind load or power activated as conditions require.



IMPORTANCE OF VENTILATOR DESIGN OR PLACEMENT

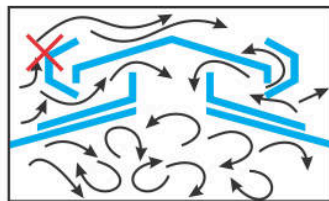
As a general rule, hot or stale air will not exhaust through an opening into which wind can blow. Therefore, regular static ventilators, which allow outside wind to enter in the shed because of poor design or location on the roof, cannot be expected to exhaust because they back draft. An efficient means of extracting warm and stale air is through roof mounted turbo ventilators, which create positive draft. Adequate low level provision for the entry of fresh air at ambient temperature should be provided.

REGULAR STATIC VENTILATORS



Monitor roof / jack roof

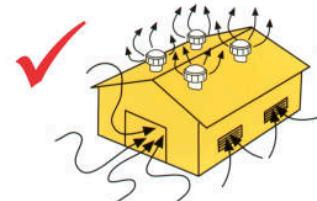
Receives no assistance from the wind. Back draft restricts exhaust of air from building.



Poorly designed ridge / gable ventilator

Do not promote adequate ventilation or air movement in building. Design can allow entry of rain.

ROOF MOUNTED TURBO VENTILATORS



Good ventilation

Efficient turbine ventilators exhaust hot and stale air and provide a given number of air changes per hour for the building. Does not allow entry of rain.

Model	Supply Voltage	Exhaust Rate (m ³ / hr)	Power (W)	Power consumed in Watts per 100 m ³ /hr of air discharged ecoPOWER	Power consumed in Watts per 100 m ³ /hr of air discharged using Roof Axial Fans	% Power Saving over Conventional Ventilators
EP100	6V DC	100	3.5	3.5		
EP150	9V DC	200	10	5.0		
EP400	240V AC	2400	68	2.83	9.0	68.5
EP600	240V AC	4280	116	2.71	11.7	76.8
EP900	240V AC	10000	260	2.60	10.4	75.0

Authorised Dealer



SAFE & RELIABLE PRODUCTS

Manufactured in India by
SUDHA VENTILATING SYSTEM PVT. LTD.

B-85, M.I.D.C., AHMADNAGAR - 414 111. MAHARASHTRA, INDIA.

Tel : 91 - 241 - 6510285, Fax : 91 - 241 - 2777285.

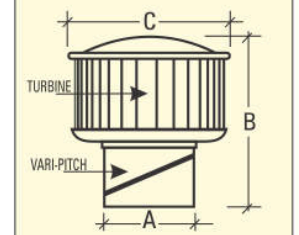
Cell : 091 98230 39485, 091 98233 92485.

E-mail : sales@svsgreen.com Website : www.svsgreen.com

TECHNICAL SPECIFICATION FOR HURRICANE / ecopower® TURBINE VENTILATOR

MODEL	DIMENSIONS IN mm		
	A	B	C
ecoPOWER 600	600	724	765
ecoPOWER 900	900	1003	1096

All dimensions in mm



**All specifications in catalogue subject to change.*