HURRICANE TURBINE VENTILATOR

WORLD'S FIRST VERTICAL VANE VENTILATOR

Technical Collaboration with
EDMONDS
Pty Ltd, Australia

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

CERTIFIED
AS 2428.1
AS 2050

STABLE IN 200 kph WIND TEST

LEAK PROOF IN 2.5 ltr/sec RAIN TEST

ATLEAST 40% HIGHER DISCHARGE THAN SPHERICAL VANE VENTILATORS

RUGGED DESIGN PREVENTS FAILURE IN HARSH CONDITIONS

STRONG CONSTRUCTION

BEARING PROTECTED AGAINST DUST, SMOKE, FUMES, ETC.

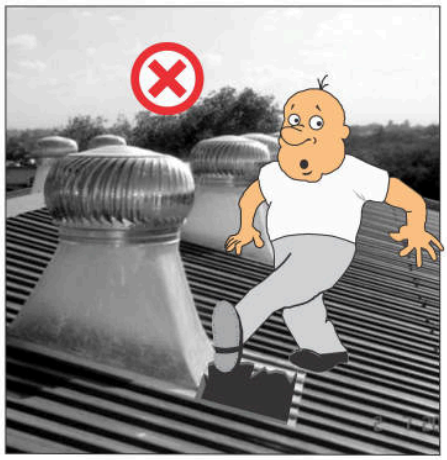
VERTICAL INSTALLATION USING UNIQUE VARIABLE ANGLE ELBOW

THE HURRICANE TURBINE VENTILATOR OFFERS

- All aluminium construction
- A varipitch base that suits all roof slopes upto 45^0
- The Tandaco prepacked double row ball bearing system
- Vertical vanes for lower cut-in wind speed

SVS
SAFE & RELIABLE PRODUCTS

HIGHLIGHTS OF SHORTER LENGTH FRP BASE DESIGN AND UNIQUE INSTALLATION PROCEDURE



INSTALLATION PROCEDURE OF VENTILATOR ENSURES THAT IT DOES NOT GET UPROOTED IN HIGH WINDS

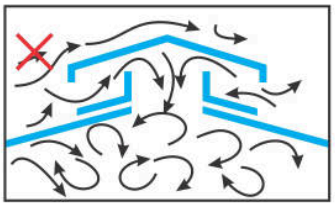
SPECIAL FRP BASE DESIGN AND INSTALLATION PROCEDURE PREVENTS ACCIDENTS OF PEOPLE WORKING ON THE ROOF

LEAK PROOF INSTALLATION

IMPORTANCE OF VENTILATOR DESIGN OR PLACEMENT

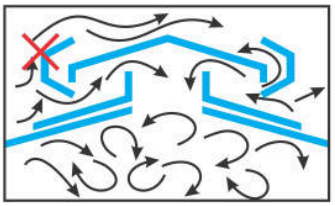
As a general rule, hot or stale air will not exhaust through an opening into which wind can blow. Therefore, regular static ventilators, which allow outside wind to enter in the shed because of poor design or location on the roof, cannot be expected to exhaust because they back draft. An efficient means 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

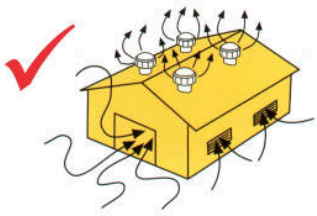
Receives no assistance from the wind. Back draft restricts exhaust of air from building.



Poorly designed ridge / gravent 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.

Exhaust capacity of Hurricane Ventilators at various wind velocities									
Wind Velocity in km./hr.	5	6	7	8	9	10	11	12	13
Discharge Capacity in cft. / hr. of Hurricane 600 (size 600mm)	83000	94000	104000	115000	126000	137000	147000	158000	169000
Discharge Capacity in cft. / hr. of Hurricane 900 (size 900mm)	186261	210328	234431	258499	282567	306670	330728	354841	378909

*As per ASHRAE formula at 30 feet height and 10°C temperature difference between replacement air and exhaust air temperature.

*All specifications in catalogue subject to change.

Authorised Dealer

SVS

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.

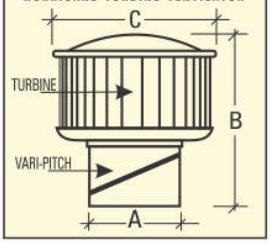
Cell : 091 98230 39485, 091 98233 92485.

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

TECHNICAL SPECIFICATION			
MODEL	A	B	C
HURRICANE 600	600	745	765
HURRICANE 900	900	950	1096

All dimensions in mm

HURRICANE TURBINE VENTILATOR



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