

Madhya Pradesh Polymers

ESTD. 1979

Sector-B, Road No. 3, Industrial Area, Govindpura Bhopal - 462 023 (M.P.) India



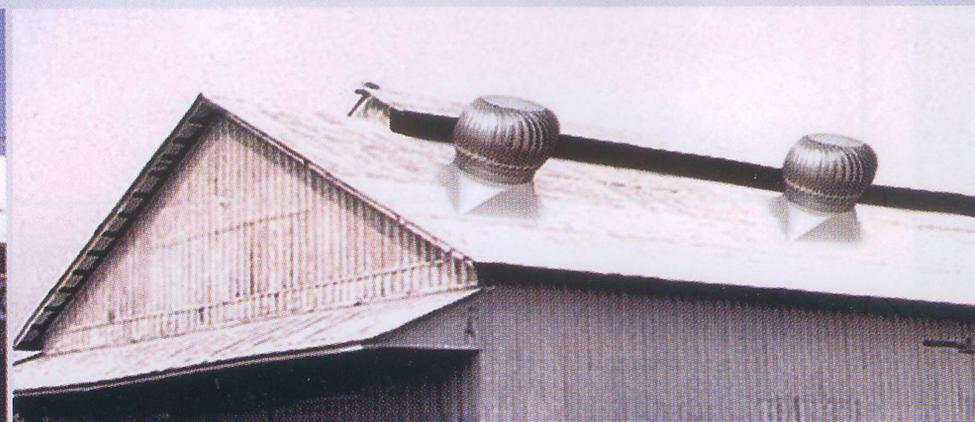
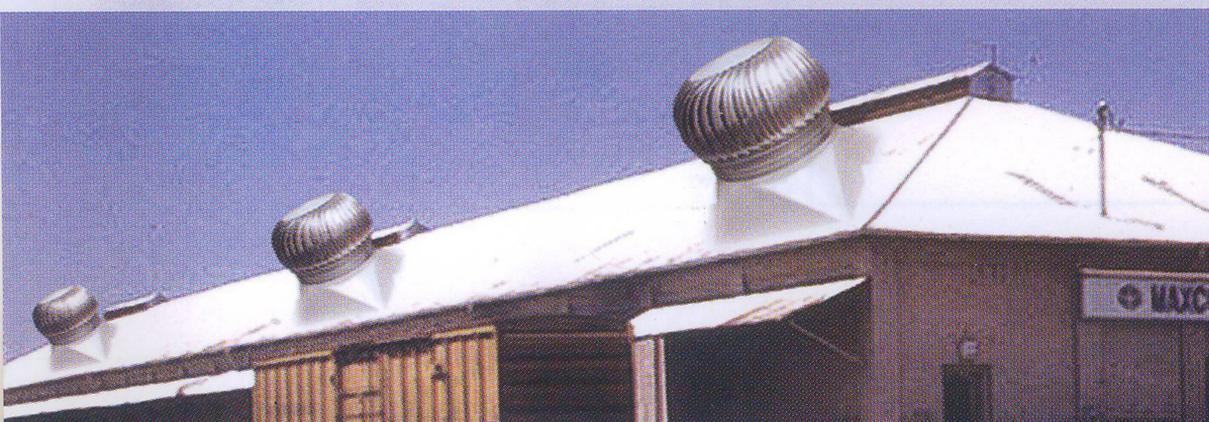
IMPORTED

Windle

Roof Turbine Vents

Salient Features :

- ❖ Strong, Light Weight Construction
- ❖ Works on Bearing free self lubricating polymer device
- ❖ Manufactured from High Grade Aluminium
- ❖ Weather Proof.No water entry inside even in heavy rains
- ❖ Virtually Maintenance Free. Smooth operation for 10 years
- ❖ No Operating Cost since it runs on Wind Power
- ❖ Silent Operation
- ❖ Easy Installation on any kind of Roofs
- ❖ For Factories, Hotels, Workshops etc.
- ❖ Low Cost alternative for conventional Electricity operated Ventilators/Exhaust Fans
- ❖ Designed to withstand a wind velocity of upto 100 mph.



INDUSTRIAL ROOF VENTILATION SYSTEM

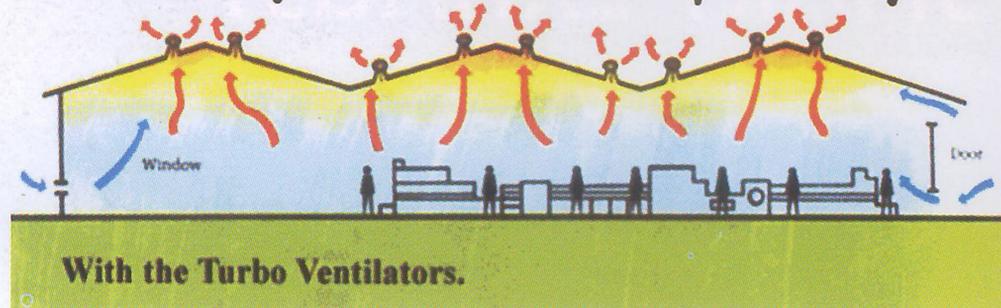
OPERATION:

The design enables the ventilator to be activated by natural convection from the inside of the building and also allows it to be assisted by the wind outside. Wind creates a flow of air through the throat of the Turbine to enhance extraction. Users of **Wind e** continually report reduced stress and increased productivity due to a healthier working environment.

BENEFITS:

- Assured Ventilation for 24 Hrs/ 365days.
- 80 percent depreciation allowed by IT Dept.
- Improves Productivity.
- Semi transparent Fibre Sheet improves visibility during day and lowers lighting cost.
- Recover Cost within 3 months as shown below.

Forced ventilation through rotation of turbine. Hot air is directly exhausted through turbines



Accumulation of hot air as it moves through the ridge.



Product	Electricity Consumption	CFH(Suction capacity)	Electricity Cost
Exhaust Fan of One H.P Capacity	0.75 units per hour Consumption	1,20,000	5.25x12Hrs Per day for 25 Working Days works out to Rs.3,150 Per Month
Wind e 22"	Runs without Electricity	1,70,000	Zero Cost (0)

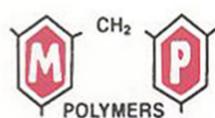
INSTALLATION:

The **Wind e** Turbo Ventilator is lightweight, this enables flexibility as it is easily adaptable to all kinds of roofs and can be installed almost anywhere on the roof without any structural changes.

TECHNICAL DATA:	Inner Dia.	Body Dia.	No. of Blades	Approx Weight (Kg)	Capacity CFH
The Wind e Turbo Ventilator works on a combination of natural and forced ventilation systems.	14"	19"	24	2.8	72,000
	18"	22.5"	30	3.4	92,000
	22"	28"	36	5.8	170,000
	25"	30"	42	8.2	190,000
	30"	41"	42	15.8	240,000
	39"	46"	54	19.2	350,000

* Based on normal wind velocity at 5 mph.

Distributor :



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