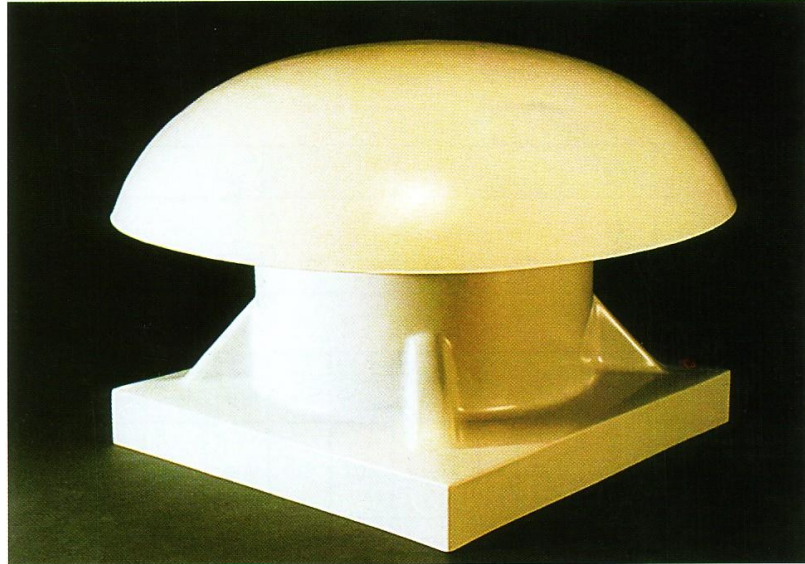


RX SERIES ROOF VENTILATOR

The RX series roof ventilators are designed to meet the demand for a better working and living environment. The RX series range from 480 mm to 760 mm and are light weight, non-corrosive and rust free due to its FRP body. These fans are suitable for mounting on most roofs and are highly efficient in air circulation and ventilation systems when compared to the wind turbine ventilation systems.



Special Features

- Light weight, easy installation, anti corrosion, large and efficient air discharge.
- Free from wind resistance.
- High efficiency and low noise.
- Work consistently on windless day where ventilation are required the most.
- Comes with built-in bird screen.
- Does not depend on wind and internal built up of hot air to operate.
- 1 unit of RX extractor = approximately 20 units of 14" wind turbine.

Estimated Electrical Consumption For RX – 24

- $1.5\text{HP} \div 1.341 = 1.119 \text{ Kw} \times 8 \text{ hours} = 9 \text{ Kw/Hr}$
 $9 \text{ Kw/Hr} \times .21¢ = \$1.89 \text{ per fan for 8 hours.}$
- Turn on all the fans during the hottest time of the day (12pm – 4pm); shut off some of the fans during the night and morning.

Electric Motor

Totally enclosed forced ventilated sq. cage induction types. Class "F" ins. pad rod mounted motors are standard up to 3.7 Kw; and are suitable for operation in ambient temperatures ranging from –20 deg. C to 40 deg. C standard voltage 3 Phase/415V/50Hz. Class "H" motors are available upon request.

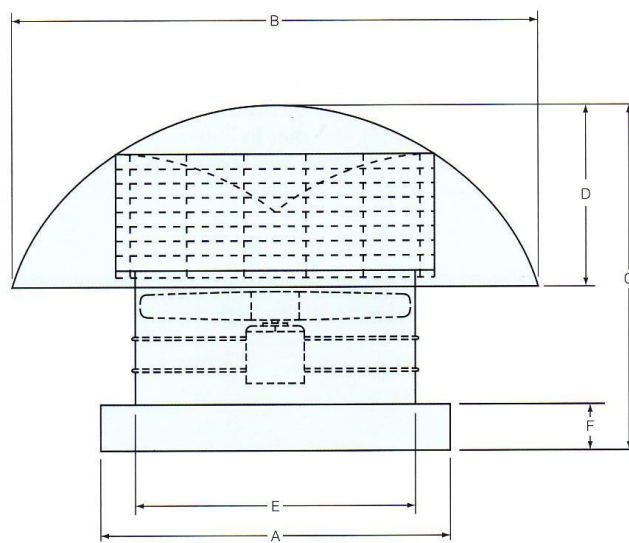
Impeller

The impeller are of air-foil shape and die casted aluminium alloy for light weight, durability and consistency in strength. The blade pitch shall be individually adjustable from 8° to 32° in 4° steps.

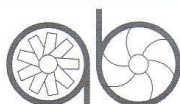
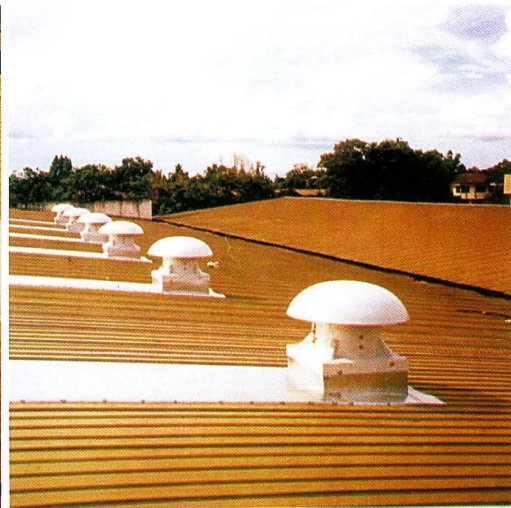
Casing

The casing is of FRP which has sufficient structural strength to withstand high wind velocity and vibration. The light weight FRP casing is non-corrosive. This makes installation easier and maintenance free.

DIMENSIONS



MODEL NO.	FRAME NO.	OUTPUT (KW)		NO. OF BLADES	A mm	B mm	C mm	D mm	E mm	F mm	RPM.	CFM.	WEIGHT
		4P	6P										
RX-19	80	0.75KW		7	610	910	595	310	485	80	1440	4800	31kg
RX-24	90L		0.75KW	9	840	1030	750	290	620	100	960	6500	61kg
RX-30	80L		1.1KW	9	970	1360	880	400	770	110	920	10500	75kg



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