



ecopower[®] EP400

Product Description

A hybrid roof vent that combines natural ventilation with a high efficiency electric motor in a single unit to ensure guaranteed performance when you need it.

Applications

For extraction of hot / humid / polluted air in commercial / industrial / residential buildings.

Benefits

Design allows the ventilator to operate in either natural mode or power mode, without natural performance being impeded by obstructions such as fan blades etc. Variable speed capability not presently available.

Specifications

“The roof ventilators shall be CSR Edmonds ecopower[®] EP400 with no throat mounted fan to impede airflow, and which can be driven by ambient wind/stack action and/or motor. The hybrid ventilator must have an electronic commutating motor directly connected between the stator and turbine, such that the airflow under natural power is not impeded. The noise level @ 10ft must be less than 47 dB(A) and specific flow rate 22.4cfm/W or better.”

SKU Table

ecopower EP400	Mill Finish	Powder Coated
Complete Unit	88645	88646
Top Only	88643	88644

Product Description

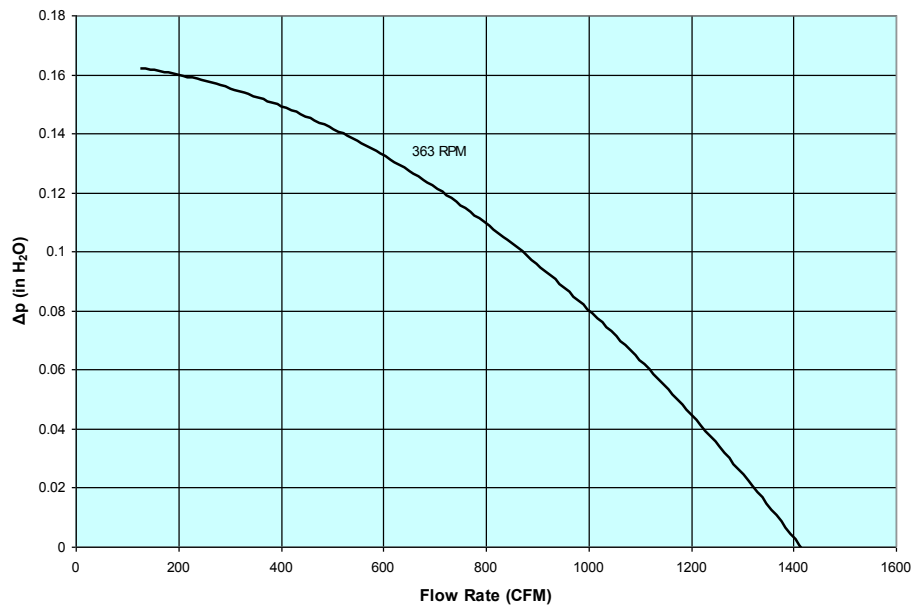
Turbine & Throat	Aluminium 5005
Dome	Aluminium 1200
Brackets	Mild Steel (Powdercoated)
Motor	Electronic Commutating
Bearings (Motor)	Ball Bearing
Motor Protection Class	IP44
Wind Speed Rating	124mph
Warranty	2 yrs Motor / 10 yrs Turbine

Nominal Data

Input Voltage	200-277 VAC 50/60 Hz
Max. Running Power Consumption	68 W
Max. Running Current	0.28 A
Flow Rate (@ Δp=0)	1400 cfm
Specific Flow Rate (@ Δp=0)	22.4 cfm/W
Sound Pressure Level L _A (@ 3m & Δp=0)	46 dB(A)
Weight - Top Only	16.8 lb

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Performance



Drawing

