



# ecopower<sup>®</sup> EP600

## 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<sup>®</sup> EP600 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 50 dB(A) and specific flow rate 24.1cfm/W or better.”

## SKU Table

ecopower EP600	Mill Finish	Powder Coated
Complete Unit	77755	77756
Top Only	65464	65524

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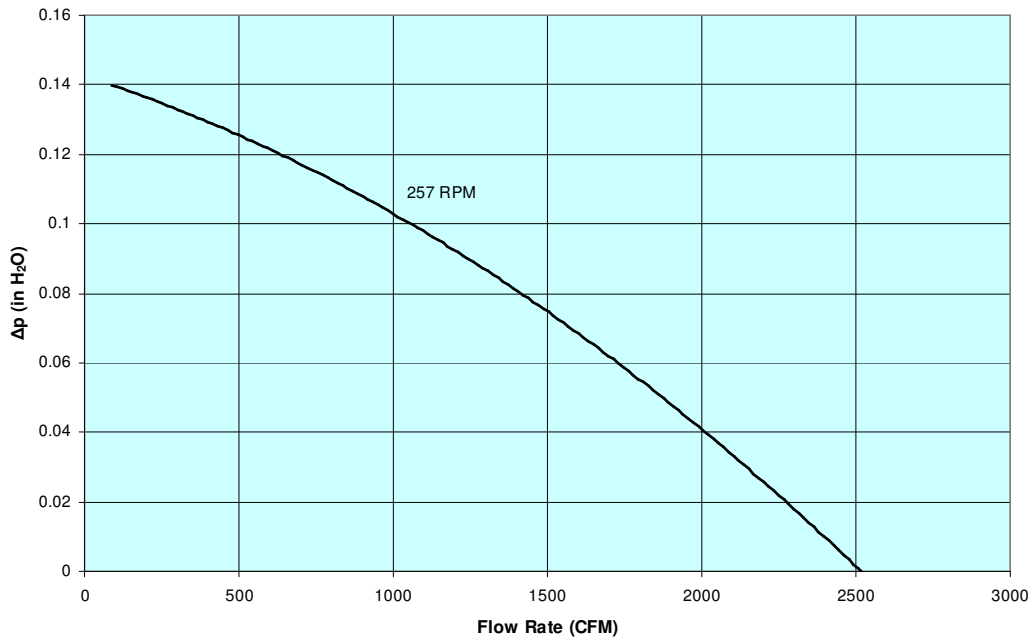
Turbine & Throat	Aluminium 5005
Dome	Aluminium 1200
Brackets	Mild Steel (Powdercoated)
Support Arms	Glass Reinforced Nylon
Motor	Electronic Commutating
Bearings (Motor)	Ball Bearing
Motor Protection Class	IP44
Wind Speed Rating	124 mph
Warranty	2 yrs Motor / 10 yrs Turbine

## Nominal Data

Input Voltage	200-277 VAC 50/60 Hz
Max. Running Power Consumption	116 W
Max. Running Current	0.47 A
Flow Rate (@ Δp=0)	2519 cfm
Specific Flow Rate (@ Δp=0)	24.1 cfm/W
Sound Pressure Level L <sub>A</sub> (@ 3m & Δp=0)	49 dB(A)
Weight - Top Only	31.7 lb

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## Performance



## Drawing

