



ecopower[®] EP900

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 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.

Specifications

“The roof ventilators shall be CSR Edmonds ecopower[®] EP900 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 @ 3m must be less than 46 dB(A) and specific flow rate 46m³/hr/watt or better.”

SKU Table

ecopower EP900	Mill Finish	Powder Coated
Complete Unit	93688	93689
Top Only	93686	93687

Product Description

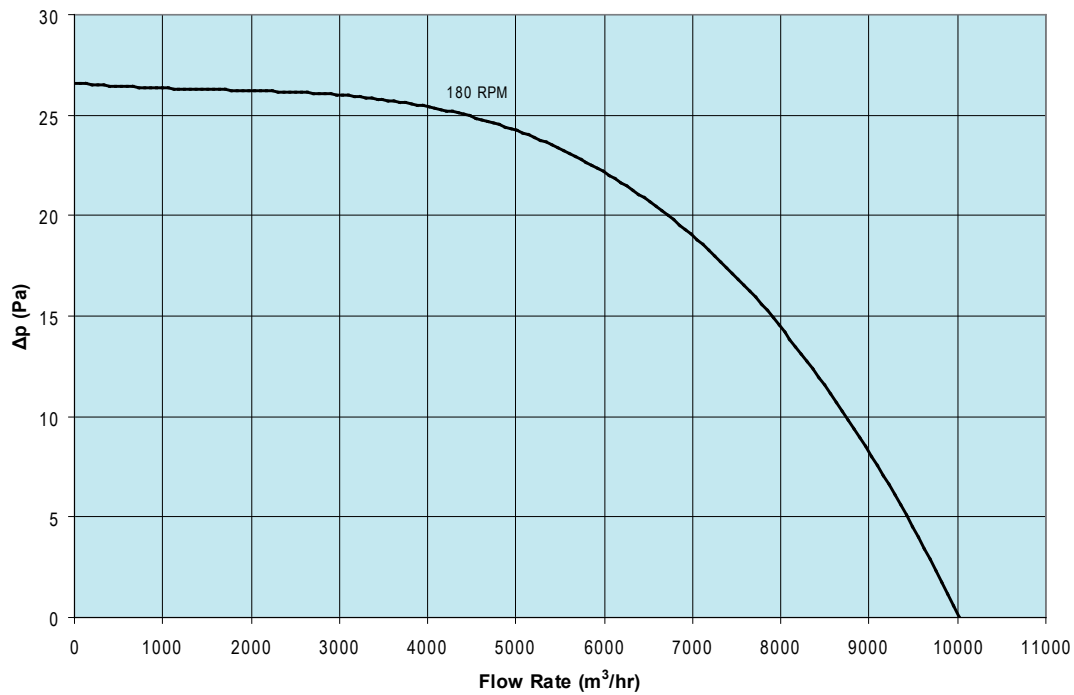
Turbine & Throat	Aluminium 5005
Dome	Aluminium 3003
Brackets	Mild Steel (Powdercoated)
Support Arms & Motor Housing	Glass Reinforced Nylon
Motor	Electronic Commutating
Bearings (Motor)	Ball Bearing
Motor Protection Class	IP54
Wind Speed Rating	140 km/h
Warranty	2 yrs Motor / 10 yrs Turbine

Nominal Data

Input Voltage	200-277 VAC 50/60 Hz
Max. Running Power Consumption	260 W
Max. Running Current	1.21 A
Flow Rate (@ Δp=0)	10,000 m ³ /hr
Specific Flow Rate (@ Δp=0)	46 m ³ /hr/W
Sound Pressure Level L _A (@ 3m & Δp=0)	45.5 dB(A)
Weight - Top Only	30.0 kg

ecopower[®] EP900

Performance



Drawing



ecopower[®] EP900 – DATA SHEET