

# 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	

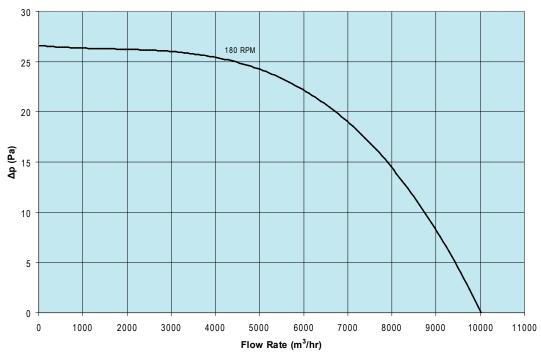
#### **Nominal Data**

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 m³/hr	
Specific Flow Rate (@ Δp=0)	46 m³/hr/W	
Sound Pressure Level L <sub>A</sub> (@ 3m & Δp=0)	45.5 dB(A)	
Weight - Top Only	30.0 kg	

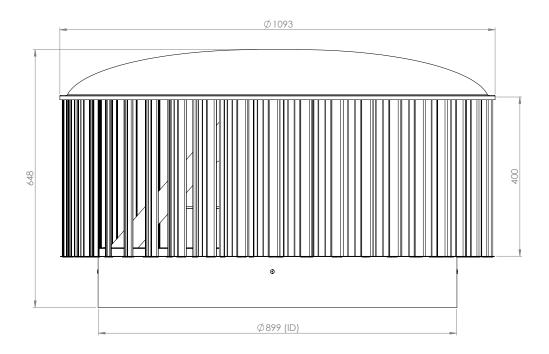


## ecopower® EP900

#### **Performance**



#### **Drawing**





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