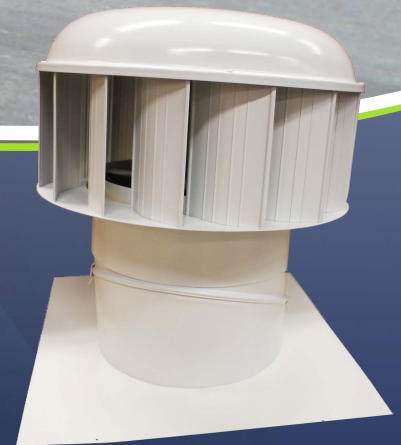


# Ecopower® TURBINES

Industrial Wind or Power Driven  
Turbine Ventilation



ecopower® utilizes an electronic commutating (EC) motor installed in the head of the ventilator to enable motorized boost during periods of low wind speed or special ventilation needs. The bearing system of the motor becomes the bearing system of the ventilator. This means that the vent can be free spinning under wind load or power activated as conditions require.

ecopower® is available in three sizes, 400 mm (15.7 in), 600 mm (23.6 in) and 900 mm (35.4 in) throat sizes to fit most applications.

**ENVIRA-NORTH**  
SYSTEMS LIMITED

[www.enviranorth.com](http://www.enviranorth.com)

# Ecopower® TURBINES

## Industrial Wind or Power Driven Turbine Ventilation

Create A Healthier  
Indoor Environment

### ecopower® Benefits

- Optional powered ventilation without reducing the performance of wind exhaust levels (which occurs when motor and fan blades are installed in the throat)
- High levels of energy efficiency
- Lower operational noise levels when compared with similar capacity axial fan products
- Dependable ventilation that performs when required
- CSR Edmonds' vertical vane vent technology, which outperforms traditional spherical shape metal vents of the same throat diameter. Based on Flow Coefficient Tests performed under AS4740:2000 by CSR Edmonds
- Lighter weight than comparable axial fans
- Single phase (EP400 & EP600) and low voltage (EP100 & EP150) power, allows simpler electrical installation

ecopower® Model	Input Voltage	Max Running Power Consumption	Weight of Head	Noise dBA@3 m(10 ft)	Flow Rate (@ $\Delta p=0$ )
H400	200-277 VAC 50/60Hz	68 W	7.6 kg 16.8 lbs	46	2400 m <sup>3</sup> /hr 1413 CFM
H600	200-277 VAC 50/60Hz	116 W	14.4 kg 31.7 lbs	49	4280 m <sup>3</sup> /hr 2519 CFM
H900	200-277 VAC 50/60Hz	260 W	30.0 kg 66.1 lbs	45.5	10,000 m <sup>3</sup> /hr 5886 CFM

