

# THORWALDSON



HYBRID ROOFTOP VENTILATOR

## MODEL TP500

### Product Description

Hybrid rooftop mounted ventilator that combines free natural ventilation with a high performance electronically commutated brushless DC motor and a high performance 8 bladed propeller for added air flow when needed. The motor, known as an EC motor, has infinitely variable speed controlled by a simple 0-10VDC input. The fan comes with a wired speed control that is a dial much like a light dimmer.

The turbine is made of aluminum and inside is a structure of thicker aluminum with a vertical stainless steel shaft on which the turbine spins. The shaft is inserted in a bearing assembly attached to the top in which are 2 sealed stainless steel roller bearings.

The motor and blade are mounted below the turbine.

Input Voltage	100 to 260 VAC 1 Phase
Maximum Power	505 Watts
Flow Rate at full speed at SP= 0.0	8,000 CFM
Flow Rate at full speed at SP= 0.1	7,500 CFM
Flow Rate at full speed at SP=0.2	6,778 CFM
RPM range	0 to 1180
Speed control input	0-10 VDC

