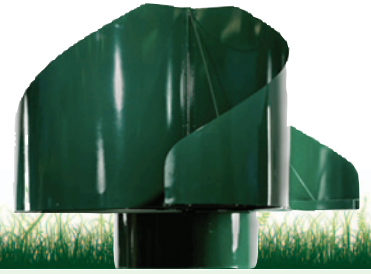




# Enviro-Energies 10 kW MVAWT™



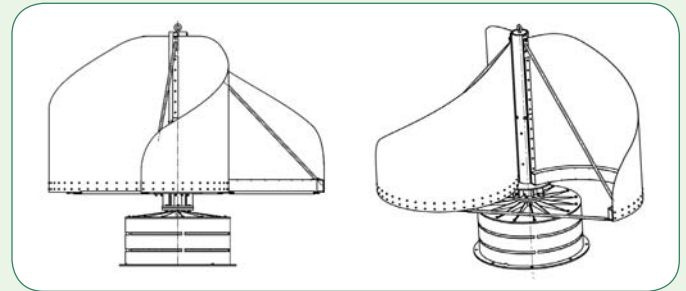
## TECHNICAL SPECIFICATIONS:

Commercial, Industrial and Residential Rooftop Use.

### PHYSICAL DATA

|                      |                                 |
|----------------------|---------------------------------|
| Sail Dimensions      | 10'h x 20'd                     |
| Generator Dimensions | 30.5"h x 40"d (44"d base plate) |
| Assembled Dimensions | 160.5"h x 240"d                 |
| Sail Weight          | 960 lbs                         |
| Generator Weight     | 2075 lbs                        |
| Assembled Weight     | 3035 lbs                        |
| Maximum Side Load*   | 1721 lbs                        |
| Maximum Torque**     | 9290 ft lbs                     |

\*In 120 mph wind with MVAWT™ in locked position. Side loads diminish considerably with MVAWT™ in motion. \*\*At maximum inverter output.



### OPERATIONAL DATA

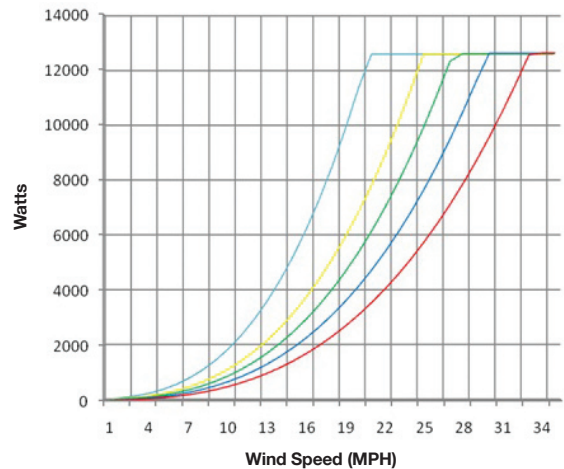
|                         |                       |
|-------------------------|-----------------------|
| Rated Output            | 10000 Watts           |
| Maximum Output          | 13800 Watts           |
| Start-up Wind Speed     | 1-2 mph               |
| Cut-in Wind Speed       | 4 mph                 |
| Cut-out Wind Speed      | 120 mph*              |
| Rated Temperature Range | -45F to 140F          |
| Over Speed Protection   | Electromagnetic Brake |
| Generator               | Permanent Magnet      |
| Noise Level             | <20dB                 |

\*150 mph with High Airspeed Wind Kit (HAWK™) installed.

### GRID-TIED INVERTER SYSTEM DATA

|                         |                         |
|-------------------------|-------------------------|
| Rated Output            | 12600 Watts             |
| Maximum Output          | 13800 Watts             |
| Rated Temperature Range | -13F to 140F            |
| Input Voltage Range     | 50V – 580V              |
| Output Voltage          | 240V, 208V or 277V      |
| Output Frequency        | 60 Hz (50 Hz available) |
| Certifications          | CE, UL1741, EEE1547     |

### 10 KW MVAWT™ OUTPUT CHART



Percentage of increase in wind speed at the MVAWT™ due to the roof effect  
 ■ No Roof Effect ■ 10% ■ 20% ■ 30% ■ 40%

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“Enviro Energies has re-awakened my excitement about utilizing urban wind power”

– Ed Begley Jr.

