



# air BREEZE

## SMALL WIND. BIG ENERGY.

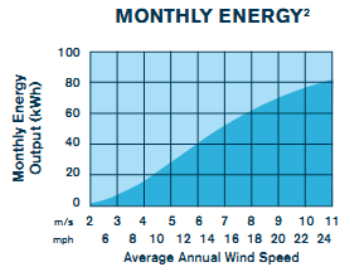
The most powerful wind generator in its class.

The all-new Air Breeze. Quieter, more efficient, and precision engineered to deliver more energy at lower wind speeds than any other wind generator in its class.<sup>1</sup> The Air Breeze is the latest generation of AIR – with more than 140,000 sold in 120 countries – the world's most popular small wind generator.

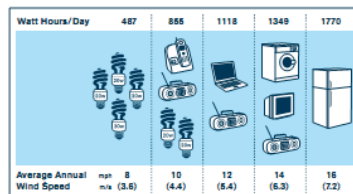
- Injection-molded composite blades
- Microprocessor-based smart internal regulator with peak power tracking
- Aircraft-quality aluminum alloy castings
- Brushless neodymium alternator
- Maintenance-free – only two moving parts

### Technical Specifications

<b>Rated Capacity</b>	160 watts at 28 mph (12.5 m/s)
<b>Rotor Diameter</b>	46 in (1.17 m)
<b>Weight</b>	13 lb (5.9 kg)
<b>Shipping Dimensions</b>	27 x 12.5 x 9 in (686 x 318 x 229 mm) 17 lb (7.7 kg)
<b>Mount</b>	1.5 in schedule 40 1.9 in (48 mm) OD pipe
<b>Start-Up Wind Speed</b>	6 mph (2.68 m/s) <sup>2</sup>
<b>Voltage</b>	12, 24 and 48 VDC
<b>Turbine Controller</b>	Microprocessor-based smart internal regulator with peak power tracking
<b>Body</b>	Cast aluminum (Marine is powder coated for corrosion protection)
<b>Blades</b>	(3) Injection-molded composite
<b>Overspeed Protection</b>	Electronic torque control
<b>Kilowatt Hours per Month</b>	38 kWh/mo at 12 mph (5.4 m/s)
<b>Survival Wind Speed</b>	110 mph (49.2 m/s)
<b>Warranty</b>	3 year limited warranty



### POWER THIS WITH AIR BREEZE



**THREE YEAR WARRANTY**

### Southwest Windpower

1801 W. Route 66  
Flagstaff, AZ 86001 USA

928.779.9463

www.airbreeze.com



Makers of Skystream 3.7<sup>®</sup> / AIR / Whisper

<sup>1</sup>Wind generators with the same swept area as Air Breeze.

<sup>2</sup>Data collected by the North Carolina Small Wind Initiative/Appalachian State University Small Wind Research and Demonstration Facility, Beech Mountain, NC, USA.

Printed on recycled paper with vegetable inks using 100% new wind energy.