



**e VANHEE**  
ENERGYWise Partners LLC

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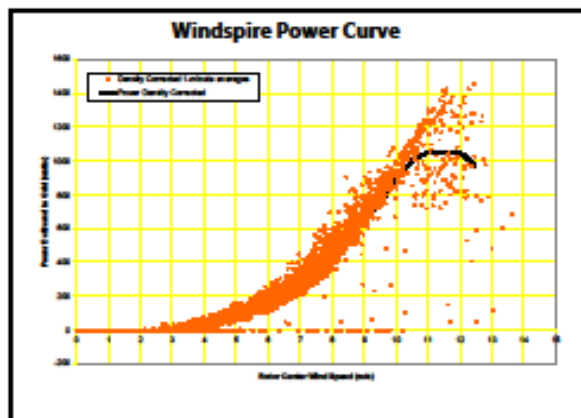
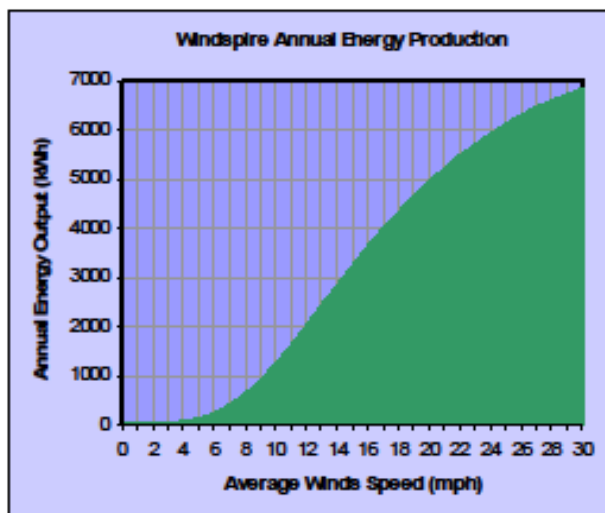
**WaterFurnace**  
GEOPRO MASTER DEALER



For over 30 years, most respected installer of residential renewable systems in Western NY

	Standard Specification	Options	
<b>General</b>	Annual Energy Production (AEP)	2000 kWh*	
	Instantaneous Power Rating (IPR)	1.2 kW*	
	Standard Unit Height	30 ft   9.1 m	35, 40, or 50 ft   10.5, 12, or 15 m
	Total Weight	600 lb   273 kg	
	Color	Soft Silver	Custom Color
<b>Rotor</b>	Sound	20 decibels @ 40 ft   12 m	
	Warranty	5 year limited warranty	
	Rotor Type	Vertical Axis - Low Speed Giromill	
	Rotor Height; Radius	20 ft   6.1m; 2 ft radius   1.2 m	
	Swept Area	80 ft <sup>2</sup>   7.43 m <sup>2</sup>	
	Max Rotor Speed	500 RPM*	
	Peak Tip Speed Ratio	2.8	
<b>Electronics</b>	Speed Control	Dual Redundant: passive aerodynamic; electronic	
	Wind Tracking	Instantaneous	
	Generator	High Efficiency Brushless Permanent Magnet	
	Inverter	Custom Integrated Grid Tie 120 VAC 60 Hz	International Autotransformer Kit
<b>Wind</b>	Inverter Certification	ETL: Meets IEEE 1547.1; UL 1741	
	Performance Monitor	Integrated Wireless Zigbee Modem	Performance Monitoring Kit
	Cut-in Wind Speed	9 mph   4 m/s	
	AEP Average Wind Speed	12 mph   5.4 m/s	
	IPR Rated Wind Speed	25 mph   11 m/s	
	Survival Wind Speed	100 mph   45 m/s	
	<b>Construction</b>	Foundation	Poured Concrete
Foundation Size		2 ft diameter by 6 ft base*	Custom for certain soil conditions
Rotor Material		Aircraft Grade Extruded Aluminum	
Monopole/Structure Material		Recycled High Grade Steel	
Coatings		Corrosion-resistant industrial grade paint	Snow & Ice Shedding Coating

\*Notes: Performance data is based on initial test data and expected final test results. Final testing is currently underway. AEP is based on assumptions, including a Rayleigh wind speed distribution and sea level air density. Foundation size may vary for non-standard soil conditions or non-standard heights.



Note: This initial data was provided by Windward Engineering, an independent test facility, using an in-ground installation in real world wind conditions, and scientific 1-minute average binned data. Final data will be released once all electronic settings have been calibrated for optimal performance. We expect final data to be even more impressive.