

aiRTM COMPLETES ANY MARINE POWER SYSTEM

- ✓ QUIET OPERATION
- ✓ NEW SILENT X CARBON FIBER "BLUE" BLADE
- ✓ UP TOWER CONTROLS
- ✓ INDUSTRY LEADING 5 YEAR WARRANTY
- ✓ INTEGRATES EASILY WITH PV

aiRTM
*Silent*X

aiRTM BREEZE



*primus*windpower

MANUFACTURED IN COLORADO, USA
www.primuswindpower.com

TURBINE SPECIFICATIONS



Technical Specifications

AIR Breeze/AIR Silent X	
Energy	AIR Breeze: Approx. 95 amp - hr. per day at 5.5 m/s (12 mph avg) AIR Silent X: Approx. 90 amp - hr. per day at 5.5 m/s (12 mph avg)
Optimal Operating Environment	AIR Breeze: Quiet operation in low to moderate wind regimes AIR Silent X: Very quiet operation in all wind regimes
Swept Area	1.07 m ² (11.5 ft ²)
Rotor Diameter	1.17 m (46 in)
Weight	5.9 kg (13 lb)
Shipping Dimensions	686 x 318 x 229 mm (27 x 12.5 x 9 in) 7.7 kg (17 lb)
Startup Wind Speed	AIR Breeze: 3.13 m/s (7 mph) AIR Silent X: 3.13 m/s (7 mph)
Voltage	AIR Breeze: 12, 24 and 48 VDC AIR Silent X: 12 VDC
Turbine Controller	Mircoprocessor-based smart controller
Body	Cast aluminum with corrosion resistant paint
Blades	AIR Breeze: (3) Injection-molded composite - Black AIR Silent X: (3) Hand laminated, carbon fiber (with low sound emissions) - Blue
Alternator	Permanent magnet brushless
Overspeed Protection	Electronic torque control
Survival Wind Speed	49.2 m/s (110 mph)
Mount	1.5 in schedule 40 pipe 48 mm (1.9 in) outer diameter
Tower	9 ft Marine Tower (Aluminum mast/ stays and stainless hardware)
Warranty	5 year limited warranty
Certifications	CSA (Pending)

AIR Power Curve



*Factors affecting turbine output include site turbulence, elevation and air temperature



aiR
Silent X

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BREEZE