



COMPLETES ANY MARINE POWER SYSTEM

- ✓ QUIET OPERATION
- ✓ NEW CARBON FIBER MULTICOLOR BLADE-HUB DESIGN
- ✓ UP TOWER CONTROLS
- ✓ INDUSTRY LEADING UP TO FIVE YEARS WARRANTY
- ✓ INTEGRATES EASILY WITH SOLAR
- ✓ MADE IN THE USA

aiR BREEZE

aiR
*Silent*X

aiRX^{marine}



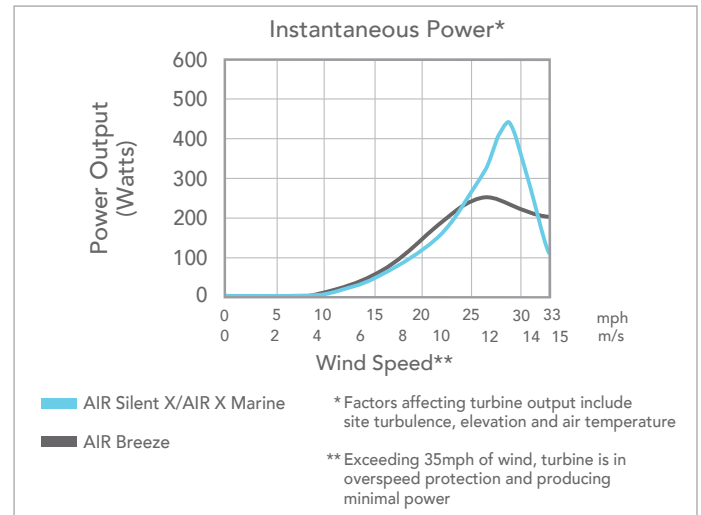


TURBINE SPECIFICATIONS

TECHNICAL SPECIFICATIONS

AIR BREEZE/AIR SILENT X/AIR X MARINE	
ENERGY	AIR Breeze: Approx. 95 amp-hr. per day at 5.5 m/s (12 mph avg) AIR Silent X/AIR X Marine: 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 X Marine: Industrial application in moderate to high 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/AIR X Marine: 3.59 m/s (8 mph)
VOLTAGE	12, 24 and 48 VDC
TURBINE CONTROLLER	Microprocessor-based smart controller
BODY	Cast aluminum, corrosion resistant, white aircraft quality paint with a clean "marine grade" finish
BLADES	AIR Breeze/AIR X Marine: : (3) Injectionmolded composite - Black AIR Silent X: : (3) Hand laminated, carbon fiber (with low sound emissions) - Multicolor with new precision fit hub design
ALTERNATOR	Permanent magnet brushless
OVERSPEED PROTECTION	Electronic torque control
SURVIVAL WIND SPEED	40.2 m/s (90 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	Up to five years warranty
CERTIFICATIONS	CE
New Digital Wind Control Panel (WCP-D) available for all AIR units and voltages	

AIR POWER CURVE



3 AIR TURBINES - 3 BLADE SET TYPES

TURBINE	LOCATION	APPLICATION	WIND	SOUND
AIR X MARINE	Marine	Industrial - off shore	High	High
AIR SILENT X	Marine	Sailing	All	Very Low (CF Blades)
AIR BREEZE	Marine	Sailing - Residential	Mod.	Low

* All AIR Models are 12/24/48V - Turbine is voltage specific per the battery bank. Not field adjustable.

** All 2021 AIR turbines are Lithium-Ion Battery compatible.

