COMPLETES ANY OFF GRID SYSTEM

- SIMPLE, AFFORDABLE, RELIABLE POWER
- EASILY INTEGRATES WITH PV
- MAXIMUM POWER IN WINTER
- NIGHT TIME POWER PRODUCTION
- OVER 150,000 UNITS INSTALLED SINCE 1995
Technical Specifications

**AIR BREEZE/AIR 40/AIR 30/AIR X MARINE**

**Energy**
- **AIR 40/AIR Breeze**: Approx. 40 kWh/mo at 5.5 m/s (12 mph)
- **AIR 30/AIR X Marine**: Approx. 30 kWh/mo at 5.5 m/s (12 mph)

**Optimal Operating Environment**
- **AIR 40/AIR Breeze**: Quiet operation in low to moderate wind regimes
- **AIR 30/AIR X Marine**: Industrial applications in moderate to high wind regimes

**Swept Area**
1.07 m² (11.5 ft²)

**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)

**Startup Wind Speed**
- **AIR 40/AIR Breeze**: 3.13 m/s (7 mph)
- **AIR 30/AIR X Marine**: 3.58 m/s (8 mph)

**Voltage**
12, 24 and 48 VDC

**Turbine Controller**
Microprocessor-based smart controller

**Body**
Cast aluminum (AIR Breeze/AIR X Marine: corrosion resistant paint)

**Blades**
(3) Injection-molded composite

**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

**Warranty**
5 year limited warranty

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

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**Applications**

- **AIR 30**  AIR X Marine  AIR Breeze
- **AIR 40**  AIR X Marine  AIR Breeze

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<thead>
<tr>
<th>Applications</th>
<th>AIR 30</th>
<th>AIR 40</th>
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<tbody>
<tr>
<td>REMOTE HOMES</td>
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<tr>
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**Towers and Accessories**

- **29’ EZ TOWER KIT (PIPE INCLUDED)**
- **27’ GUYED TOWER KIT (PIPE NOT INCLUDED)**
- **45’ GUYED TOWER KIT (PIPE NOT INCLUDED)**
- **33’ MONOPOLE TOWER**
- **36” AND 48” GALVANIZED AUGERS**
- **9’ MARINE TOWER KIT**
- **MARINE TOWER HARDWARE KIT**

**TURBINE SPECIFICATIONS**

- **AIR Power Curve**
- **AIR Energy Curve**

**AIR 30/AIR X Marine**  **AIR 40/AIR Breeze**

**Monthly Energy Output (kWh)**

**Average Wind Speed**

**Power Output (Watts)**

**Wind Speed**

**Towers and Accessories**

**Applications**

- **AIR 30**  AIR X Marine  AIR Breeze
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