Tilted Element™ Transducers

B60
- 600 W (Baseline Model)
  - The industry's first 600 W Tilted Element Transducer
  - Similar performance to the B744V and P319

B164
- 1 kW
  - The industry's first 1,000 W Tilted Element Transducer
  - Similar performance to the B258 Thru-Hull

SS264W
- 1 kW, High-Definition Digital Broadband
  - Two transducers: 50 kHz wide-beam
  - Designed for tuna and marlin fishing
  - Transducers must be purchased separately for dual-frequency operation or individually as a single-frequency unit

SS264N
- 1 kW, High-Definition Digital Broadband
  - Two transducers: 50 kHz wide-beam
  - Designed for bottom fishing
  - Transducers must be purchased separately for dual-frequency operation or individually as a single-frequency unit

600 W (Baseline Model)
- 600 Watts
- Depth and Temperature
- Thru-Hull, Bronze Housing
- 50/200 kHz
  - Q at 50 kHz—28
  - Q at 200 kHz—31
- 12 m (39') cable with OEM connector
- Beamwidth:
  - 50 kHz—45°
  - 200 kHz—12°
- Maximum Depth Range:
  - 50 kHz—235 m to 353 m (800' to 1,200')
  - 200 kHz—118 m to 206 m (400' to 700')
- Boat Size: Up to 8 m (25')

1,000 Watts
- Depth and fast-response temp. sensor
- Thru-Hull, Bronze or Stainless Steel Housing
- 50/200 kHz
  - Q at 50 kHz—7
  - Q at 200 kHz—17
- 12 m (39') cable with OEM connector
- Beamwidth:
  - 50 kHz—22° x 20°
  - 200 kHz—6° x 6°
- Maximum Depth Range:
  - 50 kHz—353 m to 529 m (1,200' to 1,800')
  - 200 kHz—152 m to 235 m (500' to 800')
- Boat Size: 8 m to 11 m (25' to 35')

1,000 Watts
- Depth and fast-response temp. sensor
- Thru-Hull, Stainless Steel Housing
- Separate transducers for 50 kHz & 200 kHz
  - Q at 50 kHz—4
  - Q at 200 kHz—15
- 12 m (39') cable with OEM connector
- Beamwidth:
  - 50 kHz—25°
  - 200 kHz—25°
- Maximum Depth Range:
  - 50 kHz—400 m to 610 m (1,350' to 2,000')
  - 200 kHz—100 m to 180 m (330' to 600')
- Boat Size: 8 m to 11 m (25' to 35')

1,000 Watts
- Depth and fast-response temp. sensor
- Thru-Hull, Stainless Steel Housing
- Separate transducers for 50 kHz & 200 kHz
  - Q at 50 kHz—4
  - Q at 200 kHz—8
- 12 m (39') cable with OEM connector
- Beamwidth:
  - 50 kHz—25°
  - 200 kHz—6°
- Maximum Depth Range:
  - 50 kHz—400 m to 610 m (1,350' to 2,000')
  - 200 kHz—206 m to 294 m (700' to 1,000')
- Boat Size: 8 m to 11 m (25' to 35')

Tilted Element™ Transducers
- Engineered for center console and sportfishing boats up to 11 m (35')
- The ceramic elements are tilted inside the housing which compensate for your boat's deadrise
- Beam is aimed straight toward the bottom, resulting in strong echo returns and accurate depth readings
- Low-profile design leaves little protrusion below the hull
- No fairing required
- No affect on your boat's running performance
- Hull Deadrise Angle:
  - 0° to 7°—0° tilt
  - 8° to 15°—12° tilt
  - 16° to 24°—20° tilt

AIRMAR TECHNOLOGY CORPORATION
www.airmar.com
<table>
<thead>
<tr>
<th>Number of Elements and Configuration</th>
<th>50/200 kHz-A</th>
<th>50/200 kHz-Glq</th>
<th>50 kHz-AWlq / 200 kHz-BM</th>
<th>50 kHz-AWlq / 200 kHz-BH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Beamwidth (@-3 dB)</strong></td>
<td>45° 12°</td>
<td>22° x 20&quot; 6° x 6&quot;</td>
<td>25° 25°</td>
<td>25° 6°</td>
</tr>
<tr>
<td><strong>RMS Power (W)</strong></td>
<td>600 W 600 W</td>
<td>1 kW 1 kW</td>
<td>1 kW 1 kW</td>
<td>1 kW 1 kW</td>
</tr>
<tr>
<td><strong>TVR</strong></td>
<td>155 dB 164 dB</td>
<td>158 dB 168 dB</td>
<td>161 dB 175 dB</td>
<td>161 dB 175 dB</td>
</tr>
<tr>
<td><strong>RVR</strong></td>
<td>-174 dB -184 dB</td>
<td>-177 dB -189 dB</td>
<td>-175 dB -194 dB</td>
<td>-175 dB -194 dB</td>
</tr>
<tr>
<td><strong>FOM</strong></td>
<td>-31 dB -21 dB</td>
<td>-23 dB -19 dB</td>
<td>-19 dB -27 dB</td>
<td>-19 dB -10 dB</td>
</tr>
<tr>
<td><strong>Impedance</strong></td>
<td>200 Ω 375 Ω</td>
<td>240 Ω 180 Ω</td>
<td>200 Ω 90 Ω</td>
<td>250 Ω 90 Ω</td>
</tr>
</tbody>
</table>

### Depth vs Beam Diameter

<table>
<thead>
<tr>
<th>Depth</th>
<th>50 kHz</th>
<th>200 kHz</th>
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</thead>
<tbody>
<tr>
<td>9 m (30')</td>
<td>8 m (25')</td>
<td>2 m (6')</td>
</tr>
<tr>
<td>30 m (100')</td>
<td>25 m (83')</td>
<td>6 m (21')</td>
</tr>
<tr>
<td>122 m (400')</td>
<td>101 m (331')</td>
<td>26 m (84')</td>
</tr>
<tr>
<td>305 m (1000')</td>
<td>252 m (828')</td>
<td>64 m (210')</td>
</tr>
</tbody>
</table>

### Available Sizes

<table>
<thead>
<tr>
<th>Available Sizes</th>
<th>12° and 20°</th>
</tr>
</thead>
<tbody>
<tr>
<td>88 mm (3.46&quot;)</td>
<td>95 mm (3.75&quot;)</td>
</tr>
<tr>
<td>60 mm (2.375&quot;)</td>
<td>5 mm (0.2&quot;)</td>
</tr>
</tbody>
</table>

### Thread Specifications

<table>
<thead>
<tr>
<th>Thread Specifications</th>
<th>3/4-4 UNC</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 mm (0.2&quot;)</td>
<td>6 mm (0.2&quot;)</td>
</tr>
</tbody>
</table>

### Washer and Spacer Specifications

<table>
<thead>
<tr>
<th>Washer and Spacer Specifications</th>
<th>3/4-4 UNC</th>
</tr>
</thead>
<tbody>
<tr>
<td>98 mm (3 7/8&quot;)</td>
<td>98 mm (3 7/8&quot;)</td>
</tr>
</tbody>
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**Airmar Technology Corporation**

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