

P66

600 W

Dual-Frequency



Three sensors in one— on your transom.

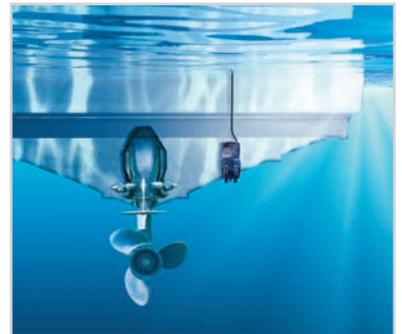
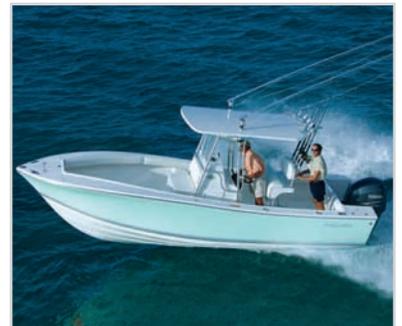
Best of a New Generation!

The P66 is the best performing and most popular, transom-mount, TRIDUCER® multisensor in the market for many reasons. Foremost, the 50 kHz and 200 kHz, oversized, ceramic element produces focused beams highlighting detail in the water column and in the bottom structure.

Setting the Industry Standard!

Because of its hydrodynamic shape, water coming off the transom flows smoothly under the transducer face. This results in accurate, high-speed, depth readings and clear display images. Going a step further, the P66 TRIDUCER multisensor also incorporates a patented noise-suppression system. The result is a 5 to 8 knots (6 to 9 MPH) improvement over standard construction through improved shielding from noise and vibration. And the plastic release bracket lets the P66 rotate up to protect the housing if struck by an object.

- Plastic kick-up bracket
- Square four-blade paddlewheel improves linearity
- Accommodates transom angles between 2° to 20°
- Recessed waterflow channel protects paddlewheel
- Transducer can be removed from bracket without the use of tools for easy service and storage



P66

600 W

Dual-Frequency

Technical Information

Specifications

| Frequencies | Number of Elements and Configuration | Beam Width (@-3dB) | Rated RMS Power (W) | TVR | RVR |
|--------------|---|--------------------|---------------------|-------|--------|
| 50/200 kHz-A |  | 45° | 600 W | 153dB | -164dB |
| | | 11° | 600 W | 173dB | -182dB |

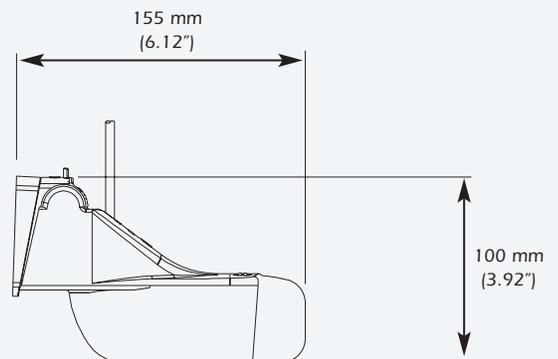
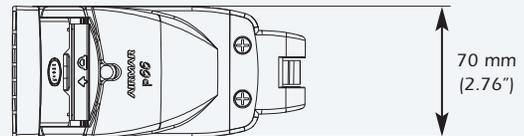
Weight: 0.5 kg (1.1 lb)

Hull Deadrise Angle: 2° to 20°

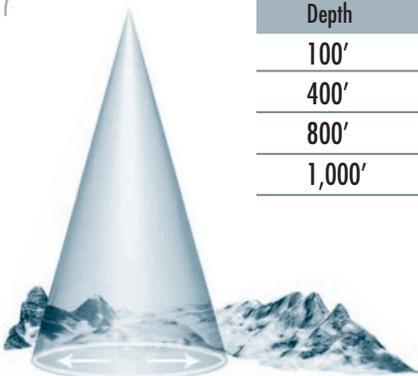
| | 50 kHz | 200 kHz |
|-----|--------|---------|
| FOM | -33 | -20 |
| Q | 24 | 30 |

Dimensions

P66 transducer



Viewable Diameter Based on Depth



| Depth | 50 kHz | 200 kHz |
|--------|--------|---------|
| 100' | 83' | 21' |
| 400' | 331' | 84' |
| 800' | 663' | 168' |
| 1,000' | 828' | 210' |

Comparison Chart



The chart compares a dual-frequency single-element 600 W transducer to the higher performance transducer models.

| Model | Power | Rating | Performance Increase |
|-------|-------|--------|---|
| P66 | 600 W | Good | Benchmark model for comparison |
| TM258 | 1 kW | Best | 25 times more sensitive at 50 kHz 16 times more sensitive at 200 kHz |

Performance



| | 50 kHz | 200 kHz |
|-------------|------------------|----------------|
| Maximum | 235 m to 353 m | 118 m to 206 m |
| Depth Range | (800' to 1,200') | (400' to 700') |

©Airmar Technology Corporation

As Airmar constantly improves its products, all specifications are subject to change without notice. All Airmar products are designed to provide high levels of accuracy and reliability; however, they should only be used as aids to navigation and not as a replacement for traditional navigation aids and techniques.