M260

1 kW
Dual Frequency

In-hull features, thru-hull performance.

Setting the In-Hull Standard

It's true! Excellent performance can be achieved from an in-hull mounted transducer. The M260, Airmar's 1 kW in-hull, is designed with Airmar's exclusive Broadband Ceramic Technology. The 200 kHz element provides broadband performance resulting in higher resolution without sacrificing sensitivity. Combined with a seven-element 50 kHz array, this in-hull has excellent deep-water detection. Because the M260 has narrow beams at both frequencies, separation of individual targets and the ability to distinguish between fish and the bottom makes finding fish easy.

All-Out Fishfinding Performance!

Optimal fishfinder performance no longer requires drilling a hole in the hull! The M260 is able to transmit and receive through solid fiberglass while displaying sharp detailed images. Track the bottom at speeds exceeding 30 knots! Installation simply requires adhering the tank to the inside of the vessel, leaving a clean and smooth hull exterior!

- **Interfaces to any 600 W or 1 kW echosounder**
- **Recommended for solid fiberglass hulls**
- **Innovative tank design allows for bow-stern or port-starboard mounting**
- **Available with a diplexer for single transmission line fishfinders and without a diplexer for dual transmission line fishfinders**
- **Mineral oil or non-toxic anti-freeze (propylene glycol) is used to fill the tank**
- **Transducer ID™ feature**

Xducer I.D.™

AIRMAR® TECHNOLOGY CORPORATION

REGISTERED TO ISO 9001:2000

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Technical Information

Specifications

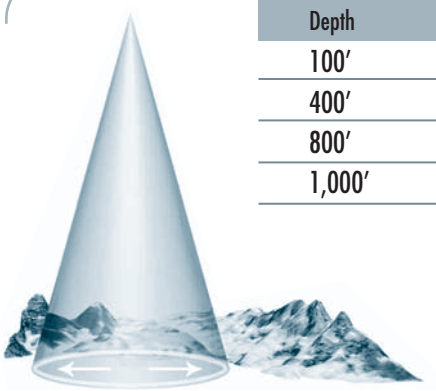
Frequencies	Number of Elements and Configuration	Beam Width (@-3dB)	Rated RMS Power (W)	TVR*	RVR*
50 kHz-AE		19°	1 kW	162dB	-173dB
200 kHz-BH		6°	1 kW	175dB	-183dB

Weight: 6.2 kg (13.5 lb)
Hull Deadrise Angle: 0° to 25°

	50 kHz	200 kHz
FOM*	-14	-10
Q	8	8

*does not calculate losses through the hull.

Viewable Diameter Based on Depth



Depth	50 kHz	200 kHz
100′	34′	11′
400′	134′	42′
800′	268′	84′
1,000′	335′	105′

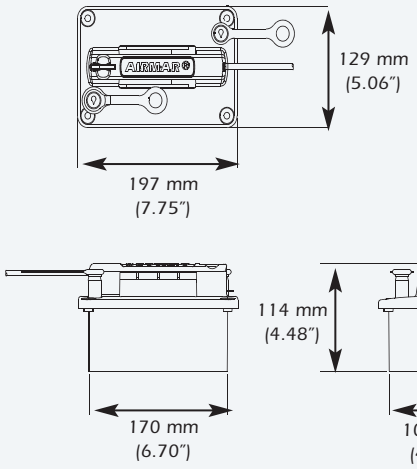
Comparison Chart

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

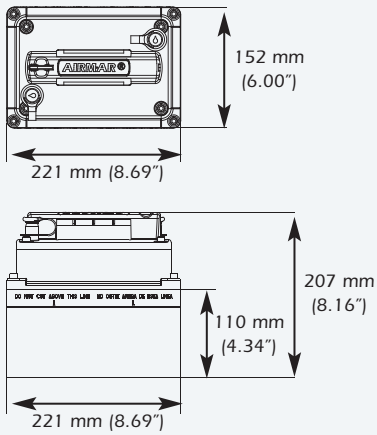
Model	Power	Rating	Performance Increase
P79	600 W	Good	Benchmark model for comparison
M260	1 kW	Best	50 times more sensitive at 50 kHz 13 times more sensitive at 200 kHz
R199	2 kW	Superb	200 times more sensitive at 50 kHz 32 times more sensitive at 200 kHz
R319	3 kW	Superb	400 times more sensitive at 50 kHz 32 times more sensitive at 200 kHz

Dimensions

M260 transducer



Mounting tank



Performance

	50 kHz	200 kHz
Depth Range	529 m to 735 m	206 m to 294 m
	(1,880′ to 2,500′)	(700′ to 1,000′)

Options

- External speed/temperature sensor

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All specifications are subject to change without notice.

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