

High-Performance Fairing Comparison

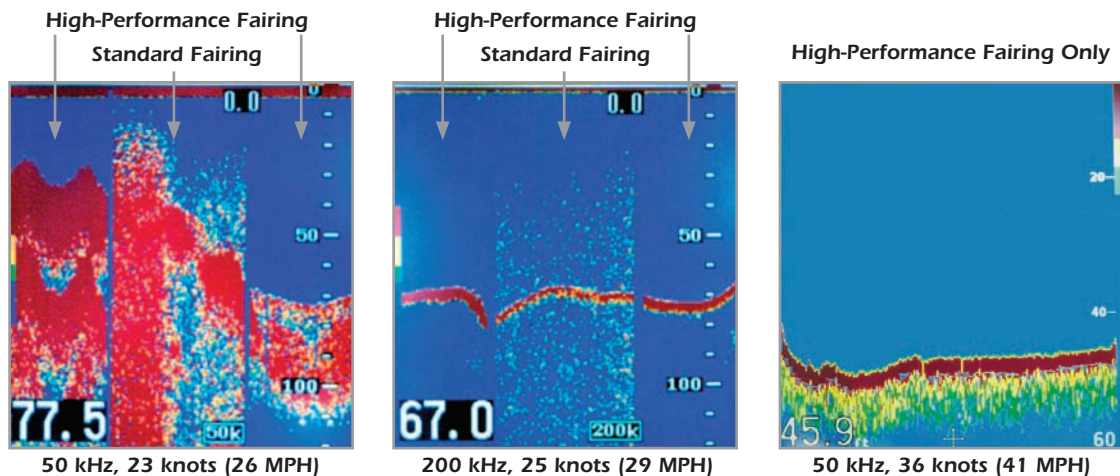


Without
High-Performance Fairing

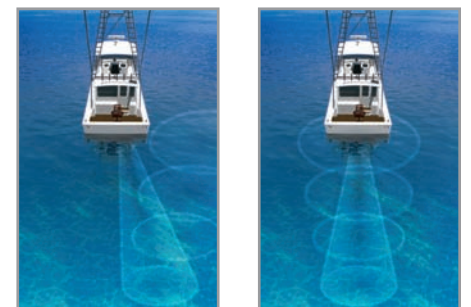
With
High-Performance Fairing

High-Performance Fairing

Achieve maximum fishfinder performance by installing your Airmar transducer with a High-Performance Fairing. Each High-Performance Fairing is custom designed to match its transducer model. The fairing assures a vertical beam which results in strong return echoes. Additionally, the streamlined shape reduces drag and minimizes turbulence over the face of the transducer. At speeds above 30 knots (34 MPH), screens continue to display clear images and solid bottom tracking.



The photos above show a boat-test comparison of a transducer installed with a High-Performance Fairing versus a standard fairing. The same transducer model was used. One transducer was installed on the port side of the boat with a High-Performance Fairing, and the other was installed on the starboard side with a standard fairing. Using a switchbox, we were able to swap from one transducer to the other. At speed, the significant resolution and clarity on the fishfinder screen when using the transducer with a High-Performance Fairing is clearly depicted.



Without a fairing, the beam is angled improperly.

With a fairing, the beam is aimed straight down.



Sensing Technology

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600 W Versus 1 kW Comparison



B744V
600 W

B260
1 kW

50/200 kHz-A		
Number of Elements and Configuration	○	
Beam Width (@-3 dB)	45°	12°
RMS Power (W)	600 W	600 W

50 kHz-AE / 200 kHz-BH		
Number of Elements and Configuration	⊗	○
Beam Width (@-3 dB)	19°	6°
RMS Power (W)	1 kW	1 kW

Transducer Comparison: 600 W versus 1 kW

The photos below clearly show the screen resolution differences between a single-element 600 W transducer and a multiple-element 1 kW transducer.

