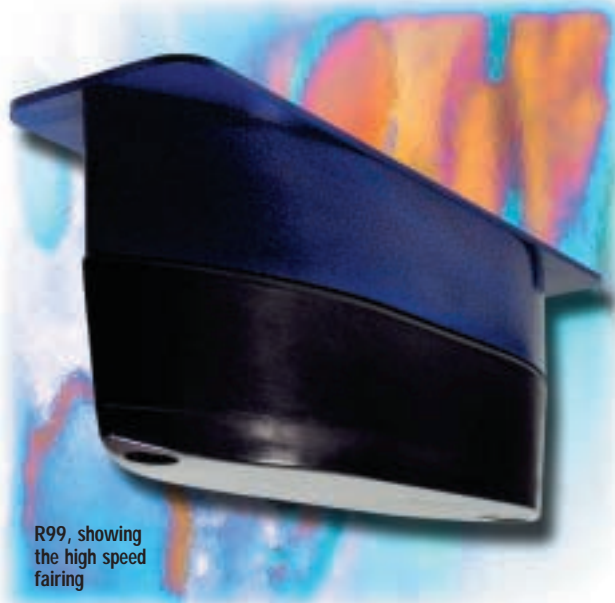


R99

Furuno model
#CA50/200T-R99

Dual Frequency 50kHz & 200kHz
2kW Transducer

Performance that redefines *fishfinding*



R99, showing the high speed fairing

Raising the Bar in the Fishfinding Arena!

The new R99 is a fish's worst enemy. Why? The R99 is *so precise*, fish are no longer camouflaged by their surroundings. Down deep near the bottom— you'll detect them. Away from the bottom— fish don't have a fighting chance. With fifteen 50kHz elements in its arsenal, the R99 is the *find* in *fishfinder*.

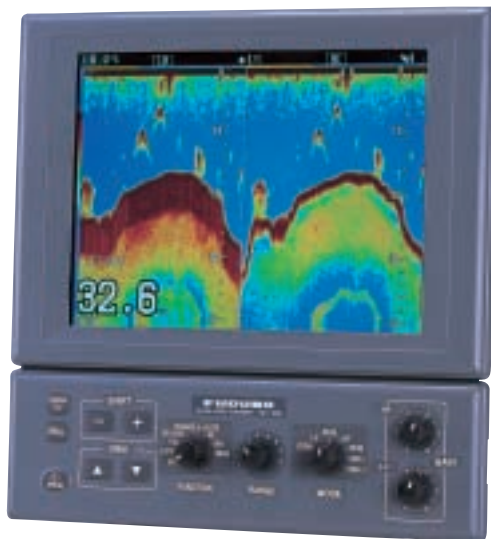
The New Benchmark for High-Powered Performance!

The new R99 is a 2kW powerhouse. Packed with an array of fifteen 50kHz elements and an 88mm 200kHz narrow beam element, the performance is 4 times that of a B260 transducer. The R99's streamlined shape maintains noise free accurate readings at speeds over 30 knots. Add a high precision temperature sensor, and the R99 has rewritten the record book.

See the difference!

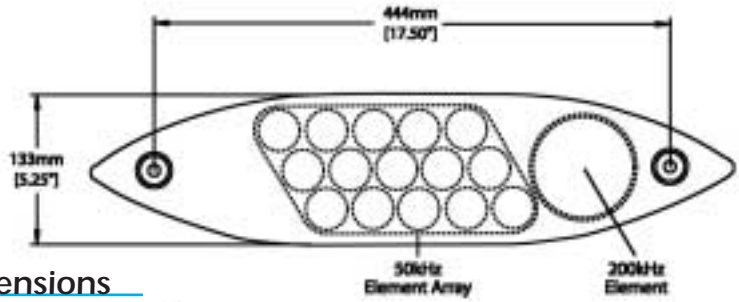
To the right, the display screen shows exactly why the R99 is clearly the best choice for the serious sport fisherman!

- The top performer in Airmar's professional line of fishfinder transducers for vessels 30' and up
- Streamlined shape with included fairing provides excellent performance at speeds even over 30 knots
- Exposed temperature sensor provides fast, accurate responses
- Interfaces to Furuno FCV1100, FCV1200 and BBFF3
- Includes a unique stuffing tube that seals the hull to form a water tight conduit for the cable

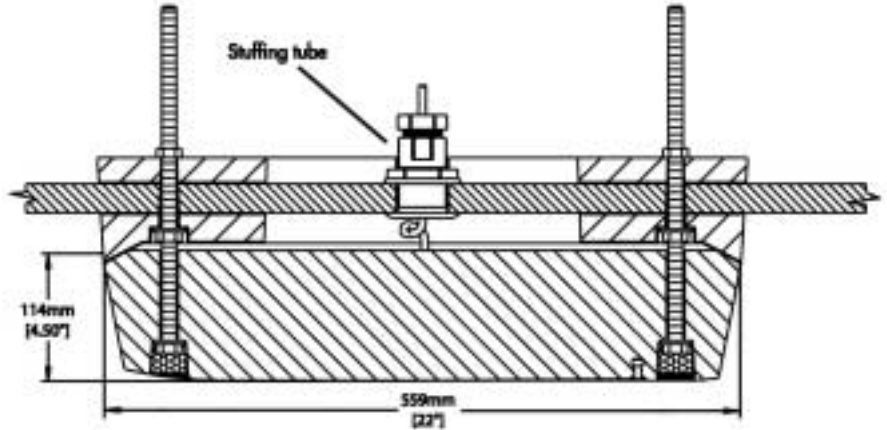


R99 vs. B260:

- Beam widths are narrower, concentrating energy for better target detection and bottom detail.
- Figure of merit is 6 dB higher at 50 kHz and 200kHz, as compared to the B260. This is equivalent to 4 times the sensitivity at each frequency.
- The Q at both 50 kHz and 200 kHz is significantly reduced, which means even much lower ringing and even better discrimination between closely spaced fish and between fish and bottom.



Dimensions



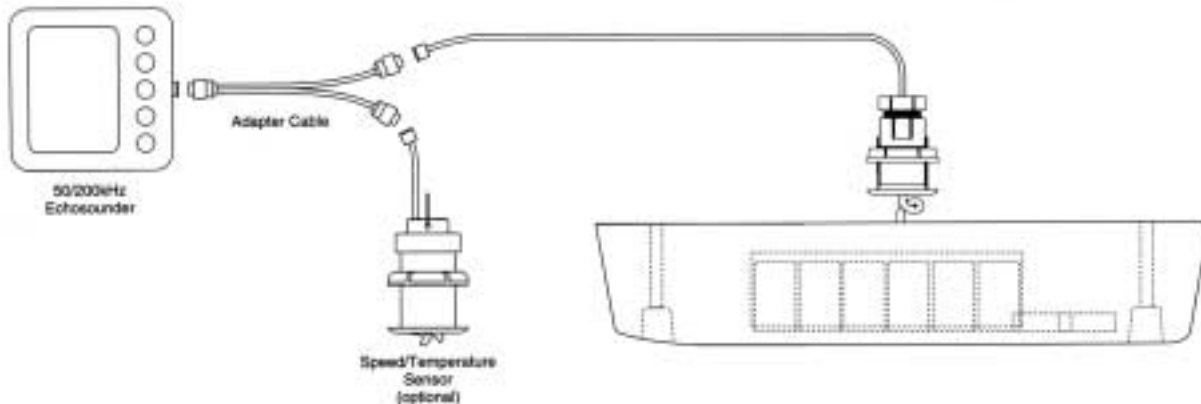
Performance Comparison

The table below compares the performance of the single element B744V, the four element B256, the seven element B260 and the R99

	Frequency	Beamwidth	Impedance (ohms)	TVR	RVR	FOM	Q
B744V	600W 50kHz	45°	190	155dB	-174dB	-31dB	28
	200kHz	12°	410	164dB	-184dB	-21dB	31
B256	1kW 50kHz	14° x 23°	200	161dB	-168dB	-19dB	27
	200kHz	3° x 5°	370	170dB	-178dB	-9dB	30
B260	1kW 50kHz	19°	250	162dB	-173dB	-14dB	8
	200kHz	6°	335	169dB	-186dB	-16dB	10
R99	2kW 50kHz	9° x 17°	225	167dB	-174dB	-9dB	3
	200kHz	6°	320	173dB	-185dB	-10dB	6

Sounder Settings:

Sounder	50kHz	200kHz
FCV1100	Tap B	Tap C
FCV1200	62V	82V
BBFF3	Tap B	Tap D
FCV292	Tap B	Tap C



The diagram shows the connectivity.