

## **Clearly See Bottom Structure**

The M42 is a large, "blister-mount" housing which accommodates 24 ceramics resonating at 38 kHz. The narrow-beam, low-ringing, 38 kHz array allows fisherman to see bottom structure clearly and to easily discriminate between bottom structure and target fish.

### Options

• Impedance to customer's specifications using matching transformer



Sensing Technology

# External-Mount 2.2 kW

#### Applications

Commercial fishing vessels

#### Features

- 38 kHz ceramics for incomparable, deep-water, fish detection when paired with a high-powered echosounder
- Low sidelobes provide clear, bottom detail
- Fairing vertically orients sound beam for stronger return echoes resulting in optimal sounder performance
- Stuffing tubes are available to form a watertight conduit for cable routing and are available in a variety of materials to match all hull types
- Can be mounted as an in-hull in a fiberglass hull for precise echosounding—even at speeds over 20 knots (23 MPH)
- Streamlined shape minimizes drag
- All mounting hardware included
- Seamless, SEALCAST™, urethane housing for long life underwater

### www.airmar.com



Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (W/)	FOM (dB)	Q	Series Impedance (R-jX)
38 kHz-E		10° x 12°	2.2 kW	-4	6	60-j0(Ω)

#### Technical Data-38 kHz-E

TVR in dB re  $1\mu$ Pa/Volt at 1 m

RVR in dB re 1 Volt/µPa





# Directivity Pattern-38 kHz-E



#### SPECIFICATIONS

Weight: 13.6 kg (30 lb)

Acoustic Window: Urethane

Housing Material: Cast urethane



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