

ELDRIDGE MARINE DUTY RING FANS: THE BEST IN MARINE VENTILATION

In 2015, after working with the MODU industry for over 70 years, Eldridge started with a blank sheet of paper to design a true marine duty fan as opposed to making a commercial grade fan fit the applications and needs of the offshore industry. The result is a fan that blows away the competition.

	ELDRIDGE FAN	<i>Competitors' Fans</i>
FAN HOUSING	10 ga. to 1/4" thick rolled carbon steel plate, seal welded	14 ga. thick spun steel orifice ring
FAN MOUNTING FLANGES	10 ga. to 1/4" thick carbon steel plate flanges continuously seal welded to fan housing at inlet and discharge ends	Light gauge carbon steel mounting tabs, total of 4 tack welded to the light fan housing
FLANGE BOLT HOLE PATTERN	Recognizable bolt hole pattern with symmetrical spacing	2 holes drilled in each mounting tab at non-symmetrical angles off center
MOTOR BASE	10 ga. to 1/4" thick, specifically designed for the motor frame size required	Standard plate which requires "shimming" the motor up to center it in the fan
MOTOR BASE SUPPORTS	10 ga. to 1/4" thick carbon steel plate, seal welded to housing and motor base	Carbon steel rods 3/8" to 1" diameter, tack welded to fan mounting tabs and motor base
STANDARD COATING	Sandblast Sspc-10 powder coat with zinc rich primer and superdurable polyester topcoat	Phosphatized surface prep and coated with air dry industrial enamel
PROPELLERS	Die cast aluminum airfoil-shaped adjustable pitch blades with a vast performance range	Solid aluminum cast airfoil blades with limited performance range
MOTOR STANDARD	TEFC IEEE45 50C° ambient marine duty below deck motors	TEAO industrial grade motors
NON-SPARKING CONSTRUCTION	Aluminum rub ring fastened within the heavy steel housing per ABS and DNV requirements	Fan orifice ring, motor support base, and support rods are changed out for all aluminum
AIRFLOW DIRECTION	Standard or reverse flow configuration using the same housing	Must specify standard flow orifice ring or reverse flow orifice ring as well as mounting tabs
PERFORMANCE TESTING	AMCA Standard 210	AMCA Standard 211
COMPATIBILITY	Can replace any manufacturer's fan	Can only replace itself
VALUE ADDED SERVICE	Eldridge offers design solutions in addition to manufacturing and keeps extensive files on all rig ventilation systems	Fan manufacturers only; do not maintain original rig ventilation system files
SERVICE AREA	Global availability; customers work directly with Eldridge's engineers 24/7	Available through territorial representative outlets
STANDARD WARRANTY	12 months from date of installation, not to exceed 18 months from date of shipment	12 months from date of shipment

ELDRIDGE MARINE DUTY RING FANS OFFER BETTER:

- Construction features
- Durability
- Performance range and flexibility
- Value added service
- Warranty
- Pricing



ELDRIDGE FAN
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