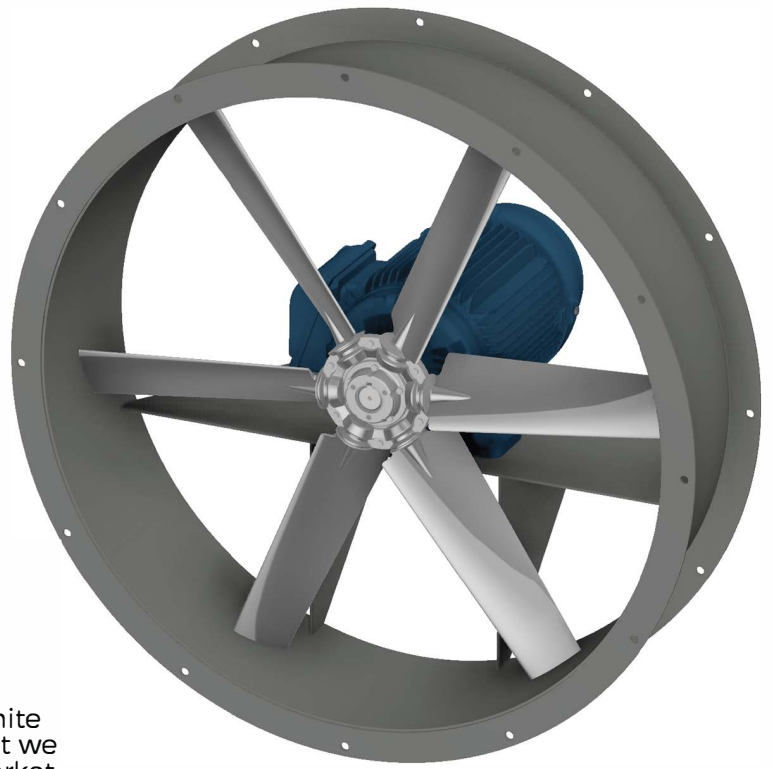


# MARINE DUTY RING FANS

This fan is ideal for all marine applications. It is a robust, cost-effective fan that exceeds industry needs and standards.

These fans are backed by solid engineering that comes from our first-hand experience in the offshore ventilation business.

Design was analyzed using the latest in 3D CAD and Finite Element Analysis technology, and we are confident that we have designed the best fans available to the marine market.



## SIZES

US STANDARD: 12" through 60" with ranging performance up to 100,000 CFM and pressures up to 1.5" SP

METRIC: 315 mm through 1,530 mm with ranging performance up to 170,000 m<sup>3</sup>/hr. and pressures up to 400 Pa.

## HOUSINGS

Constructed of heavy gauge carbon steel  
Seal welded interior and exterior seams  
SP-10 sandblasted to a near white finish  
Powder-coated with marine duty zinc rich primer and super durable polyester topcoat

## PROPELLERS

Axial blades with efficient airfoil shape  
Pressure die-cast aluminum hubs and adjustable pitch blades  
Taper lock bushings and straight bore arrangements available  
Balanced in accordance with ISO Standard 1940 G 6.3  
Tested in accordance with AMCA standard 210  
Superior low noise levels

## SPECIAL OPTIONS

Companion flanges  
Inlet bells  
Louvers  
Dampers  
Aluminum rub ring on the inner housing surface of the prop path for non-sparking fans

## MOTORS

Totally enclosed IEEE45 marine duty  
50°C ambient  
60/50 Hz

### HAZARDOUS DUTY

Explosion-proof NEMA/IEC  
Motor voltages to match specific requirements

### ELECTRICAL CONNECTIONS

To match customer-specified voltages

Lift lug(s)  
Special coatings  
Special construction materials  
Safety guards  
Custom design for special applications

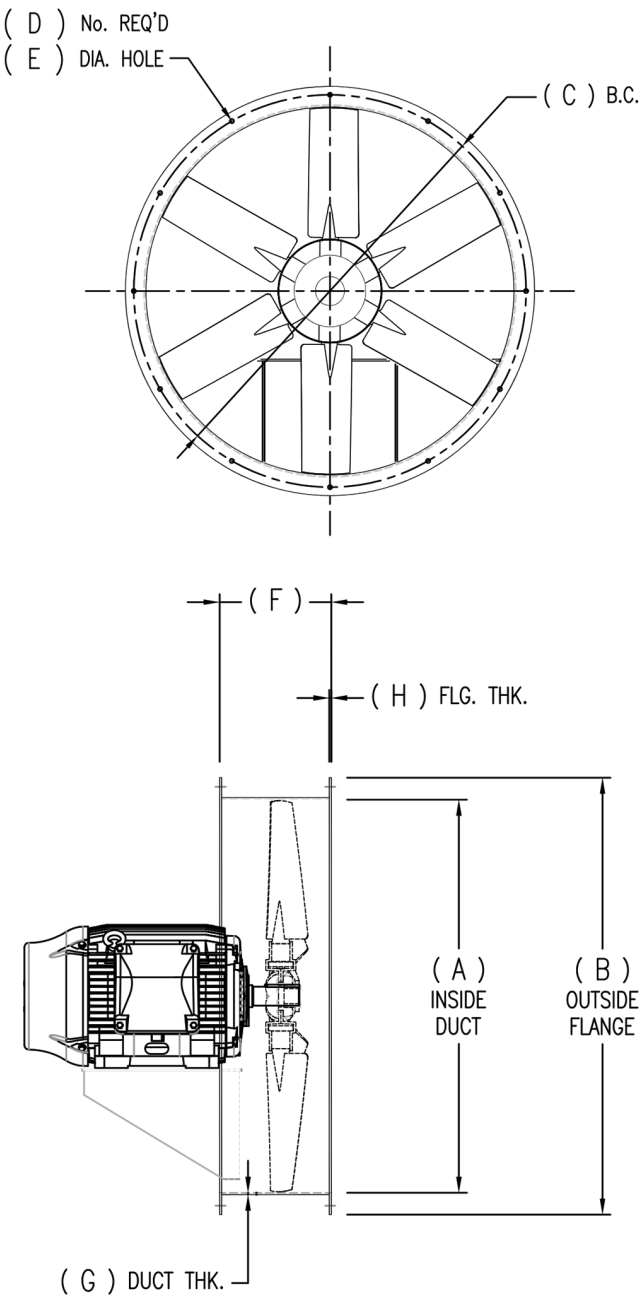


[www.eldridgefan.com](http://www.eldridgefan.com)

23035 Elkana Deane Ln.  
Katy, TX 77449  
T: +1 713-780-7200  
Toll-free: +1 844-780-7200

MR-A-003 August 2019

# DIMENSIONS



## US STANDARD (inches)

FAN SIZE	A	B	C	D	E	F	G	H
12	12 7/8	16 7/16	15 1/8	12	9/16	6	10 GA	10 GA
14	14 7/8	18 7/16	17 1/8	12	9/16	9	10 GA	10 GA
16	16 7/8	20 7/16	19 1/8	12	9/16	9	10 GA	10 GA
18	18 7/8	22 7/16	21 1/8	12	9/16	9	10 GA	10 GA
20	20 7/8	24 7/16	23 1/8	12	9/16	9	10 GA	10 GA
24	24 7/8	29 7/16	27 5/8	12	9/16	9	10 GA	10 GA
28	28 7/8	33 7/16	31 5/8	12	9/16	9	10 GA	10 GA
32	33	37 9/16	35 3/4	12	9/16	9	7 GA	7 GA
36	37	41 9/16	39 3/4	12	9/16	12	7 GA	7 GA
40	41	45 9/16	43 3/4	12	9/16	12	7 GA	7 GA
44	44 1/8	49 5/8	47 3/8	12	9/16	12	7 GA	7 GA
48	49 1/8	54 15/16	52 3/4	12	9/16	14	1/4	1/4
54	55 3/8	61 3/16	59	12	9/16	14	1/4	1/4
60	61 3/8	67 3/16	65	12	9/16	14	1/4	1/4

## METRIC (millimeters)

FAN SIZE	A	B	C	D	E	F	G	H
315	315	395	365	12	15	150	3	3
350	350	435	405	12	15	230	3	3
400	400	480	450	12	15	230	3	3
450	450	530	500	12	15	230	3	3
500	500	600	560	12	15	230	3	3
600	600	700	660	12	15	230	3	3
710	710	810	770	12	15	230	3	3
800	800	900	860	12	15	230	4	4
900	900	1010	970	12	15	305	4	4
1000	1000	1110	1070	12	15	305	4	4
1100	1100	1260	1190	12	15	305	4	4
1250	1250	1390	1320	12	15	355	6	6
1400	1400	1540	1470	12	15	355	6	6
1530	1530	1670	1600	12	15	355	6	6

## INFORMATION PACKAGE

For each piece of equipment sold, you will be provided with an information package that contains the following:

1. Test Report - This is the record that Eldridge has tested the equipment prior to shipment and that it meets the required manufacturing and performance standards.
2. Equipment Drawings - Drawings and specification for the equipment.
3. Motor Specifications - Drawings, specifications, performance curves, and electrical wiring schematic provided by the motor manufacturer.
4. IOM Manual - Installation, Operation, and Maintenance Manual.

Eldridge recommends that the equipment information package be stored where it can be easily accessed by personnel that will store, handle, install, start up, and maintain the equipment.

## LIMITED WARRANTY

Eldridge is proud of its ventilation equipment and stands behind its superior design and construction with a (12) twelve-month limited operational warranty. This warranty begins when the equipment is placed in service, not to exceed (18) eighteen months from the date of shipment from the factory. If for any reason related to workmanship or materials, and under normal use and service, any equipment or subcomponent should fail during the warranty period, Eldridge will repair or replace the equipment or subcomponent at no cost. For full warranty details, please refer to the IOM Manual.