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Jindra Energy Conversions Pty Ltd

Marine Fan - Installation Guide

This guide is intended to assist you in achieving correct fan operation and therefore optimum conditions for your engine and engine room equipment.

The function of the fan is to provide sufficient air to meet the intake needs of your vessel's engines and additionally to provide sufficient air changes in the engine room to ensure a cool operating environment for other equipment. Fans need to be adequately sized to meet this requirement.

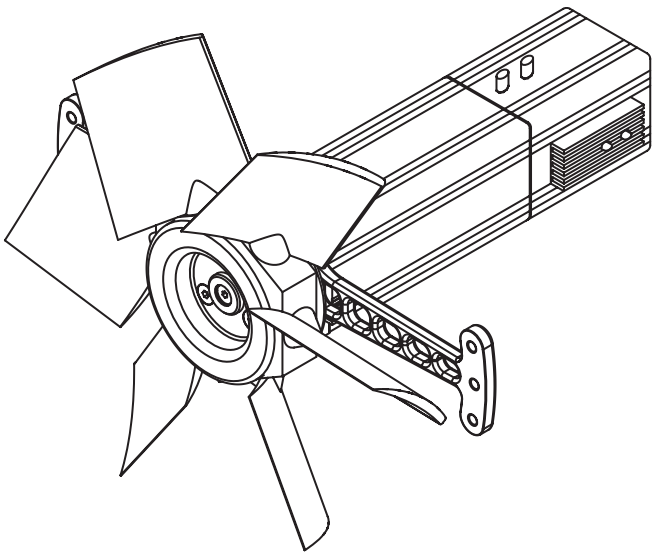
Whether one fan or multiple units are installed they should all be set up to blow air, (not suck air), into the engine room causing pressurisation. This will require side breathers of adequate size.

To ensure maximum efficiency, any ducts used in conjunction with the fan or exhaust vent should be at least as large as the fan and should not have sharp bends or other impediments to good air flow.

The inlet to the fan should be positioned to minimise salt spray intake. (I.e. deck mounted cowl). Note that the rear cockpit of a vessel is typically a poor site due to heavy salt spray.

In order to customise fan performance to suit your requirements, please contact us with the following information.

- Size and quantity of engines;
- Maximum engine air consumption;
- Estimated cruising speed;
- Air consumption at cruising speed;
- Maximum possible duct size;
- Number of duct bends;
- Square area of side breathers.



JEC e-mail updates – For your free e-mail newsletter subscription and product updates visit www.energyconversions.com.au. Learn about new developments designed to enhance your boating experience as a builder or an owner.

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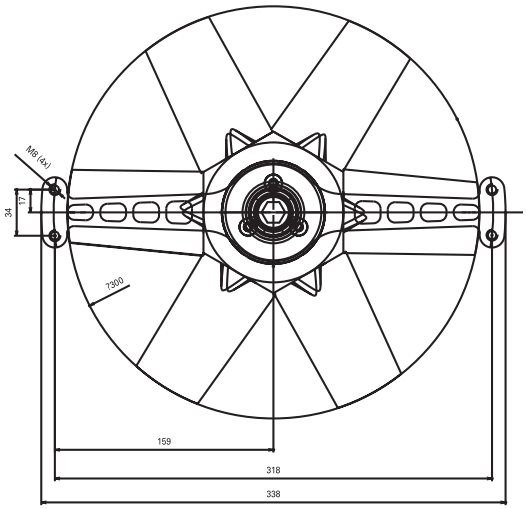
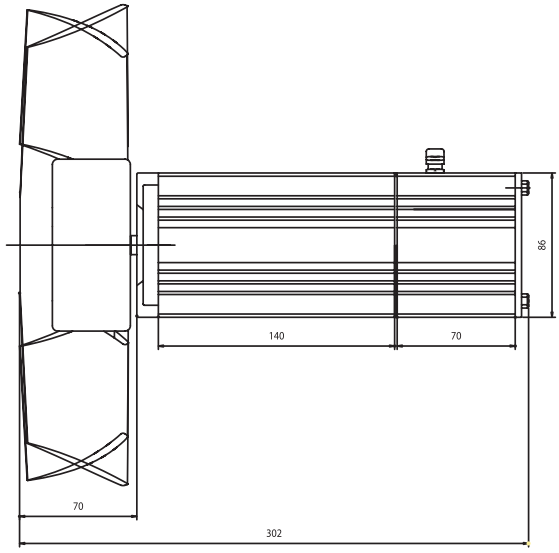
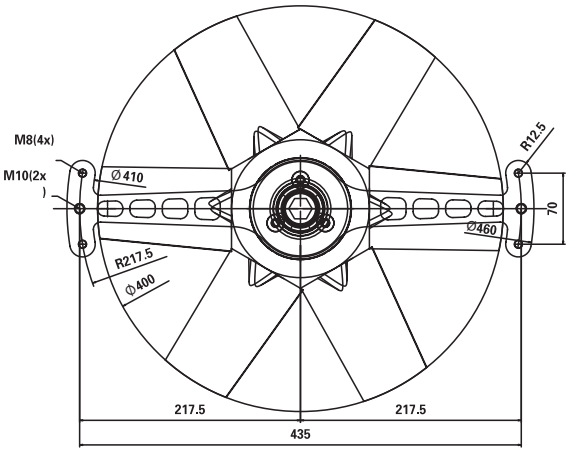
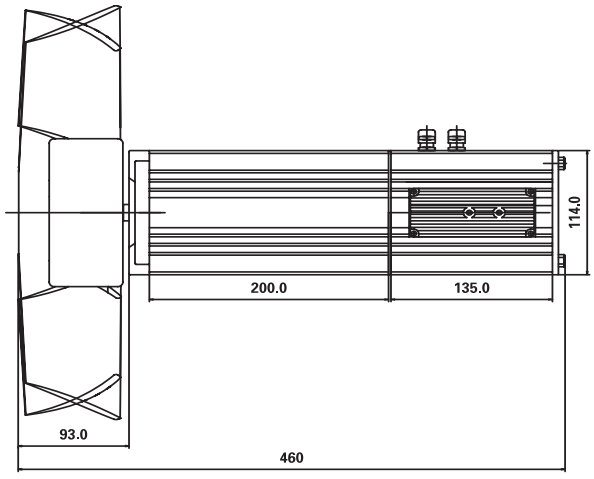
MF-1 Brushless Marine Fan





MF-3 Brushless Marine Fan





Excellence in Engineering and Design

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