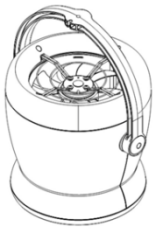
ZFH30 / ZFH60 Installation and Operation Guide



PRE-INSTALLATION

Installation of this product should be carried out by an appropriately qualified person. Ensure the product has arrived in good condition and that the impeller is free to rotate.

ZOO FANS SPECIFICATIONS

Model	Width	Weight	Full Load Current	Max RPM	Max m^3/s
ZFH30	0.44 m	6.8 kg	0.24 A @ 230V	1370	0.316
ZFH60	0.53 m	10.5 kg	0.38 A @ 230V	1230	0.566

HANGING THE FAN

The fan must be visible from its switch/controller unless a suitable means of disconnect is used at the motor. The fan intake must be 0.3m from any obstruction. If the fan is to be hung below ZOO Fans are designed to be hung vertically or at an angle. For vertical installations, proceed to STEP 1 below. To install your ZOO Fan at an angle, additional hardware is required (all thread).

STEP 1: Fasten Main Hanging Cable and Stabilization Tether

Using the hardware and cable from the 200LB bag, attach the 2.4m Cable and fit the hardware as shown in Figure 1. Using the hardware and 3.7m cable from the 100LB bag, attach the cable and fit the hardware as shown in Figure 2.

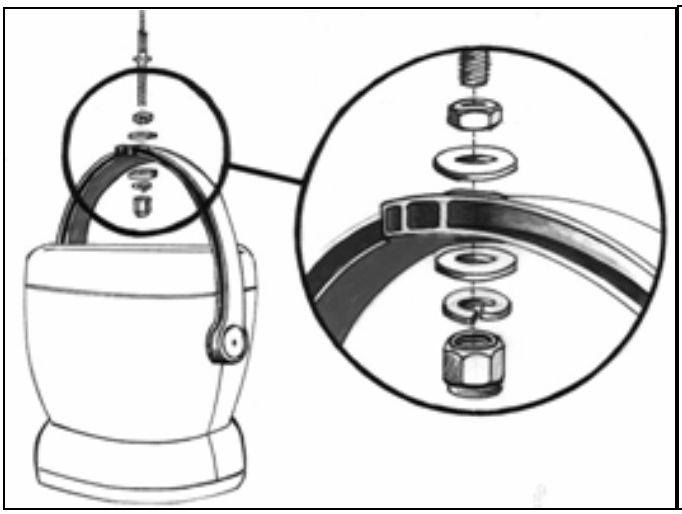


Figure 1

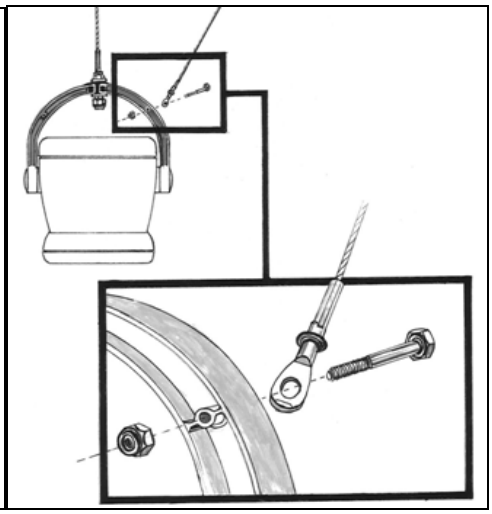


Figure 2

STEP 2: Hanging the Fan and securing the Gripples

Hang the fan using the Main Hanging Cable to the Truss, I-Beam, or support beam using the Gripple supplied (Figure 3). Pull the cable through the Gripple until the desired height is achieved. When this is done, attach the Stabilization Tether to the Truss, I-Beam, or support beam using the Gripple provided. Tighten it until there is no slack (Figure 4).

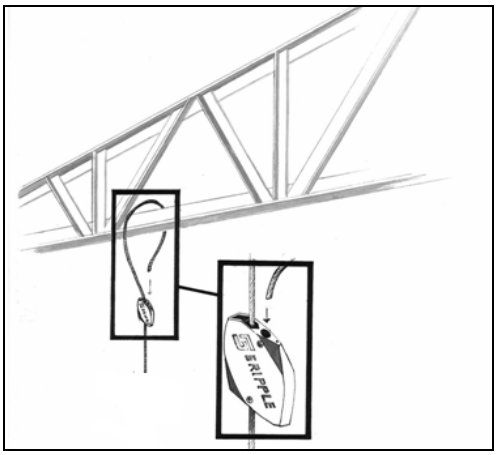


Figure 3

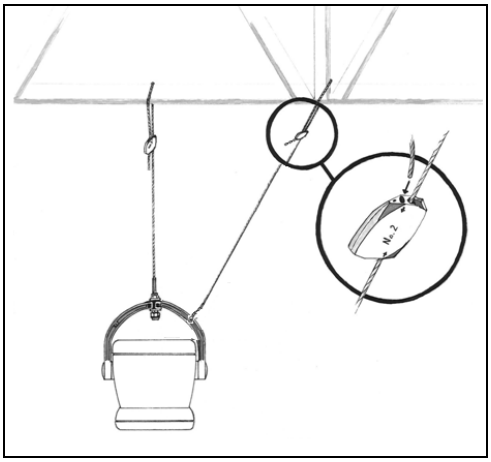
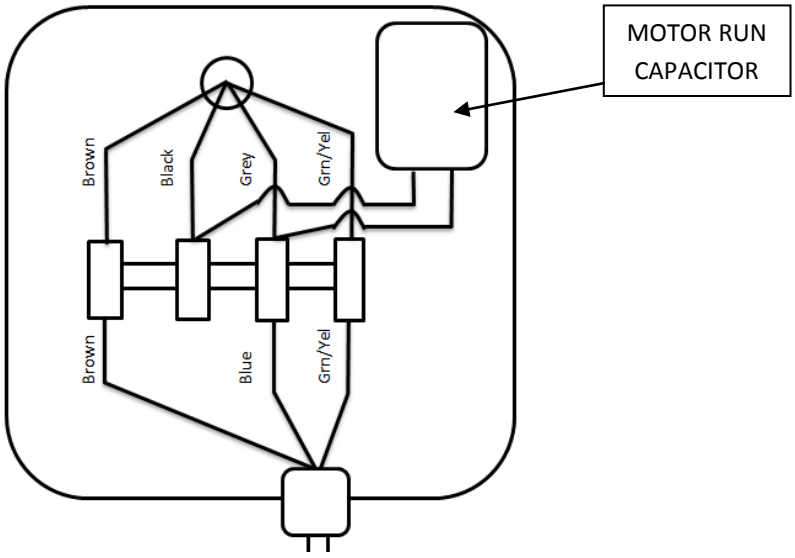


Figure 4

WIRING THE FAN

Wiring of this product should be carried out by an appropriately qualified persons. All connections must be in accordance with any local regulations. The Licensed Electrical installer must ensure that an approved means of disconnection be incorporated into the fixed wiring. Thermostat switches integrated in the winding or PTC thermistors act as motor protection and must remain connected. This product is not intended for use by persons (including children) with reduced sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product.



MAINTENANCE

Maintenance of this product should be carried out by the appropriately qualified persons. Before serving, cleaning, or inspecting the fan ensure that all power to the fan is off and is locked out to avoid electric shock. Cleaning of the fan is done by using a damp cloth to wipe down the unit to remove dust.

GOODS AND WARRANTY

1. When supplying goods to a consumer, the following mandated statement applies:
   "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure."

2. The benefits of this warranty are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this warranty is to be interpreted as excluding, restricting or modifying any State or Federal legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

3. Subject to the conditions and limitation below, the Company warrants products of its manufacture to be free of defects in workmanship and/or materials at the time of delivery to the Buyer.

4. Any part, assembly or portion thereof found to be defective within one year from the date of commissioning or eighteen (18) months from date of shipment from our factory, whichever is the sooner, unless expressly stated otherwise in the Company's Publications or Literature, will be repaired or exchanged F.O.B factory.

5. The Company reserves the right to replace defective parts of the goods with parts and components of similar quality, grade and composition where an identical component is not available.

6. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

7. Goods or parts that have been returned for repair (except where the repair is as a result of the Company's failure to comply with the statutory guarantees in the ACL) or warranty assessment are deemed to have been abandoned by the Buyer if not collected within 30 days after the Company has notified the Buyer in writing of the warranty assessment outcome or the completed repair.

8. The Company reserves the right to dispose or otherwise deal with an abandoned product or part at its discretion.

9. This warranty does not apply if:
   (i) the goods have not been paid for by the Buyer as per the credit terms provided; or
   (ii) the goods have not been installed in accordance with AS NZS 3000/2000 Australian/New Zealand Wiring rules; or
   (iii) the goods have been misused or neglected.

10. The Company assumes no responsibility under this warranty for the labour costs involved in the removal of defective parts, installation of new parts or service charges related thereto.

11. If a fault covered by this warranty occurs, the Buyer must first contact the Company at the contact address listed below.

12. Any warranty claim must be accompanied by:
    (i) proof of purchase;
    (ii) written details of the alleged defect; and
    (iii) appropriate documentation (such as installation and maintenance records etc).

13. The Company shall have the option of requiring the return of the defective part (transportation prepaid by the Buyer) to establish the claim.

14. The Company makes no warranties or representations other than set out in this clause 7.

15. The repair or exchange of the goods or part of the goods, is the absolute limit of the Company's liability under this express warranty.

FANTECH
Intelligent Ventilation

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