TILE FAN

FANTECH

INSTALLATION & MAINTENANCE INSTRUCTIONS

Warning:

- Isolate fan electrically before access.
- It is the responsibility of the installer to fit additional guarding to the fan inlet if the fan is installed in a position where there is risk of injury.
- The Licensed Electrical installer must ensure that an approved means of disconnection be incorporated into the fixed wiring.
- This appliance is not intended for use by young children or infirm persons without supervision.
- Connections, cables and cords must be installed in accordance with local regulations. The product must be installed by a licensed Electrician.

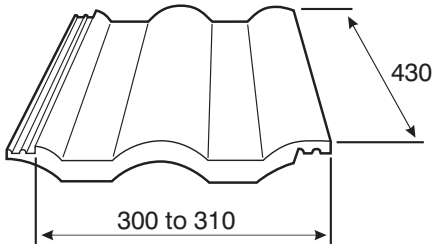


Figure 1.

Before Installing:

1. Check fan for possibility of transit damage and that the fan matches the tile type used on the roof. The Tile Fan suits most Boral and Monier concrete tiles with dimensions as shown. (See *Figure 1.*)
2. Ensure that any ductwork, if fitted, is clear of any debris that could be drawn into the fan impeller.
3. Check the fan is free to rotate.
4. Ensure that there is a 240V single phase plug within 1.2m of the fan.
5. Fit Inlet Spigot (if applicable) in accordance to instructions overleaf.
6. After installation is complete, test run the fan, record the Amps and ensure it is operating correctly.

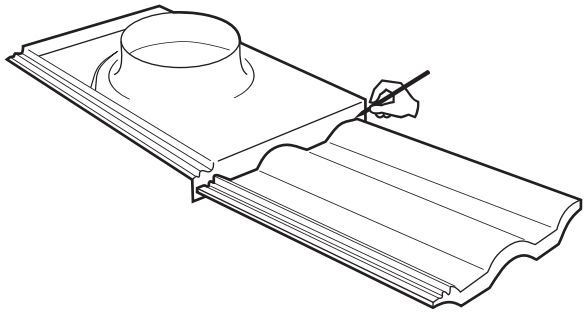


Figure 2.

Installing the Tile Fan:

1. Select the position where you want to install the Tile Fan and carefully remove one tile. Using the removed tile as a template, mark the profile on the front face of the Tile Fan base. (See *Figure 2.*)
2. Cut the front face of the Tile Fan base with appropriate cutting device. (See *Figure 3.*)
3. For some tile profiles, it may be necessary to cut the back face of the Tile Fan to suit the underside of the tile. Do not cut the full depth of the back face; this will ensure that the Tile Fan is still weatherproof. (See *Figure 3.*)
4. If the roof is insulated, cut the insulation diagonally and fold down to allow an opening of the appropriate size.
5. Carefully slide the Tile Fan into position and from the inside of the roof space, secure the fan with wire passed through the hole in the fixing bracket. (See *Figure 4.*)
6. Fit the wedge spacer between the batten and the Tile Fan base so that the fan fits tightly under the adjacent tile. (See *Figure 4.*)

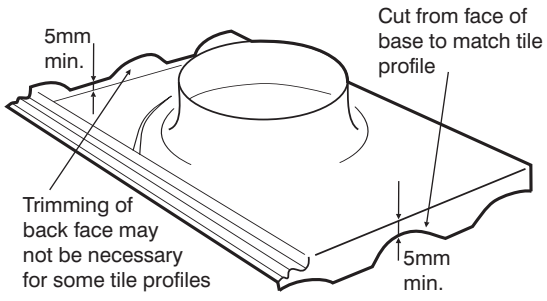


Figure 3.

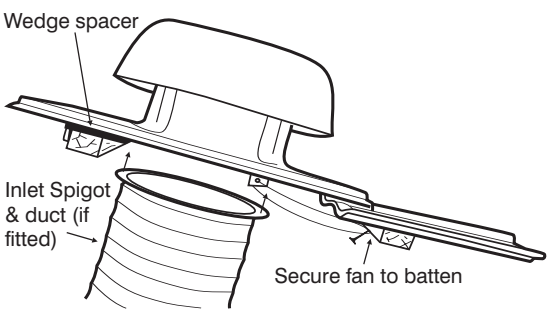


Figure 4.

Inlet Spigot Installation:

1. Remove the 4 off M6 flange nuts that hold the motor support guard to the housing. Do not change the position of the motor support guard or fixing bracket.

2. Place the inlet spigot in position. Ensure that the lead recess in the spigot is positioned as shown and the electrical cable is not pinched. (See *Figure 5.*)

3. Fasten the inlet spigot in position with the M6 flange nuts, ensuring that the motor support guard and fixing bracket are in the same position as originally supplied. (See *Figure 6.*)

4. Check fan is running freely.

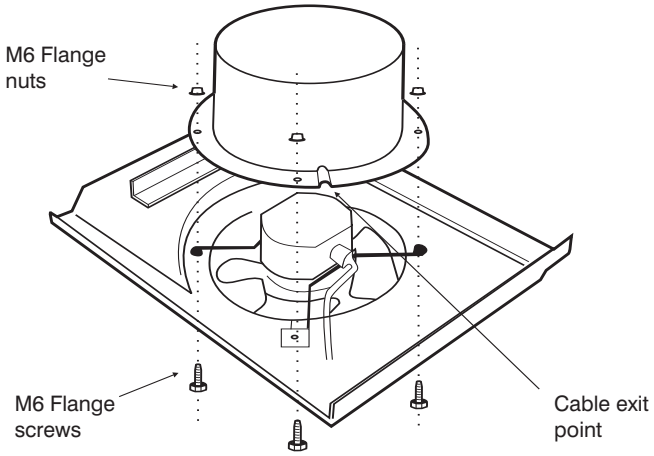


Figure 5. - View from underside of fan

Maintenance:

1. All motors are fitted with sealed-for-life bearings which are maintenance-free. All motors are fitted with thermal contacts to stop the fan in the event of over-heating. These will reset automatically when the motor cools, enabling the fan to re-start.

2. It is recommended that fans be inspected after 3 months initially, then every 1 year, to clean the blades and motor and to check that the fan rotates freely. All check that the fastenings are tight.

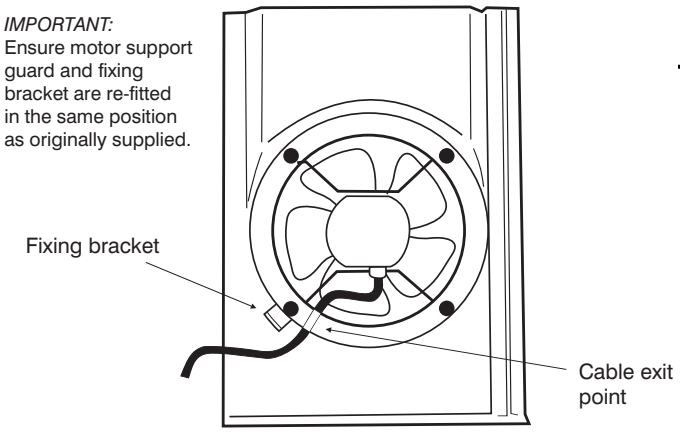


Figure 6. - View from underside of fan

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

Fantech Contacts

Head Office
Victoria - Melbourne
A.B.N. 11 005 434 024
Ph: +61 (3) 9554 7845
Fax: +61 (3) 9554 7833
Email: info@fantech.com.au

Australia

Adelaide	(08) 8294 0530
Brisbane	(07) 3299 9888
Darwin	(08) 8947 0447
Melbourne H.O.	**(03) 9554 7845**
Perth	(08) 9209 4999
Sydney	(02) 8811 0400

New Zealand

Auckland H.O.	(09) 444 6266
Christchurch	(03) 379 8622
Wellington	(04) 566 0532

www.fantech.com.au