FANTECH

PROFILE FAN

Roof Mounted Fan

INSTALLATION & MAINTENANCE INSTRUCTIONS

Warning:

- Isolate fan electrically before access.
- All electrical and roofing work must be in accordance with relevant regulations and be carried out by appropriately qualified and licensed tradesmen.
- It is the responsibility of the installer to reinforce the lower edge of the hole if required. A suitable brace is available from Fantech.
- 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.
- Roof pitch must be in accordance with the roofing manufactures' recommendations but no greater than 30°.
- Check fan for possibility of transit damage.
- Connections, cables and cords must be installed in accordance with local regulations. The product must be installed by a licensed Electrician.
- 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.

Installation:

1. Check fan for possibility of transit damage and check that the selected fan base matches the profile of the roof.
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. Cut a hole in the roof to suit the fan profile. Refer installation dimensions overleaf.

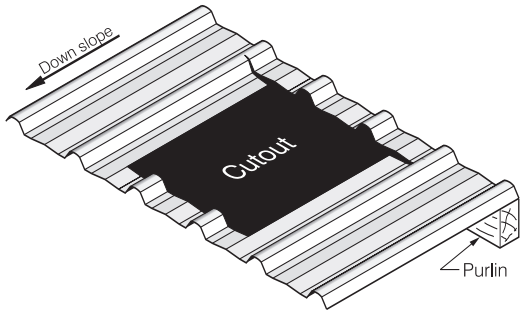
   Tip: Take care that the top cut is square to the roofing ribs and that the width of the cut is no longer than shown in bracketed dimensions, i.e. ( ). It is recommended that the top of the cut is immediately below a purlin to optimise support for the fan.
7. Check fitment of fan by lowering the electrical lead through the hole and slipping the rebated end of the fan base through the top of the hole and under the roofing sheet. Lower the bottom edge of the fan to sit on top of the roofing sheet. Check that the fan sits neatly on the sheet, then adjust the cutout if necessary to obtain a neat fit. Ensure that the electrical cable is not pinched or in contact with sharp edges of the roofing sheet.
8. Remove fan and apply silicon sealant (eg. Dow Corning Silicone 780 Plumbers' & Roofers' Sealant) around all edges.
9. Replace fan ensuring that all edges are sealed to prevent leakage. Take particular care with the top corners where the fan fits under the sheeting.
10. Fix fan to roofing sheet using sealed 'Tek' screws.
11. Plug fan into power point and test run.
12. After starting check:-
    - For excessive vibration
    - Full load Amps and ensure they do not exceed the nameplate Amps.

Maintenance:

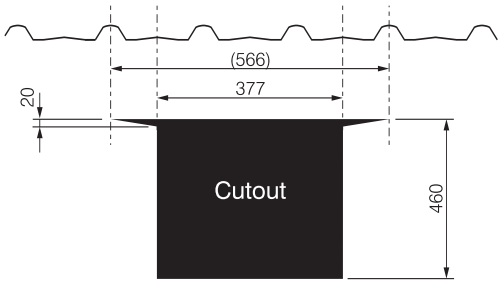
1. All motors are fitted with sealed-for-life bearings which are maintenance-free. All motors are fitted with thermal contacts to stop the fan in the event of over-heating. These will reset automatically when the motor cools, enabling the fan to re-start.
2. It is recommended that fans be inspected after 3 months initially, then every 1 year, to clean the blades and motor and to check that the fan rotates freely. Also check that all fastenings are tight.
3. The impeller can be accessed by removing the top cap and it can be removed without disturbing the base.

Installation Dimensions

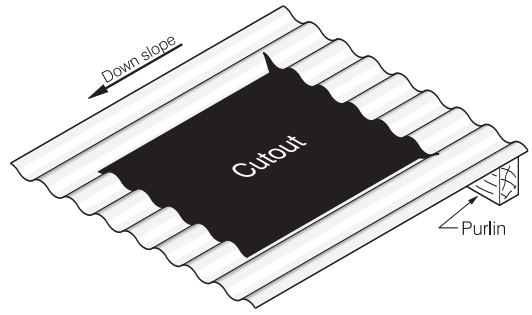
Trimdek*



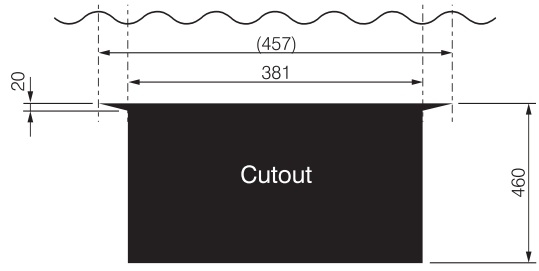
Denotes cutting plane
Important:
Ensure cuts are on these planes



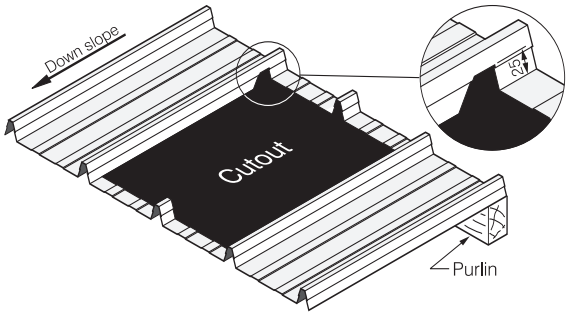
Custom Orb*



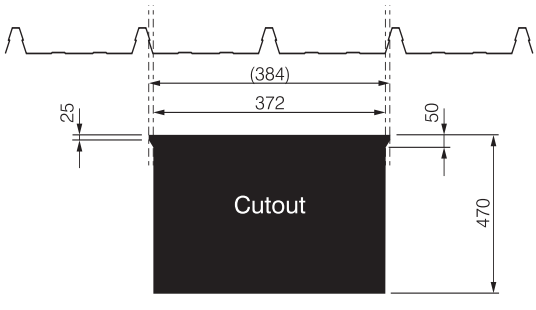
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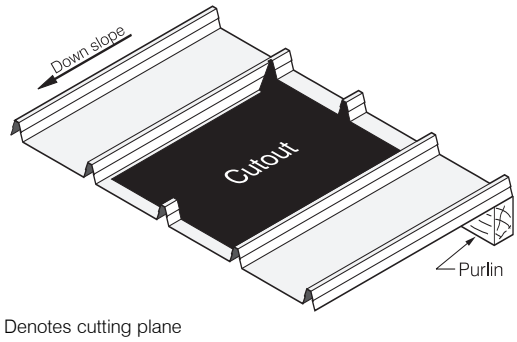
Klip-Lok* 406



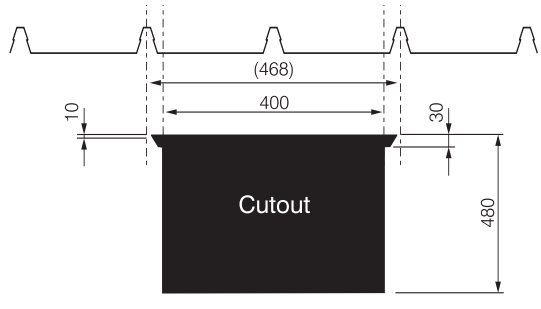
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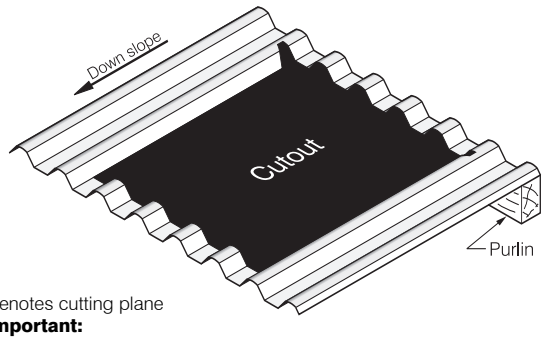
Klip-Lok* 700



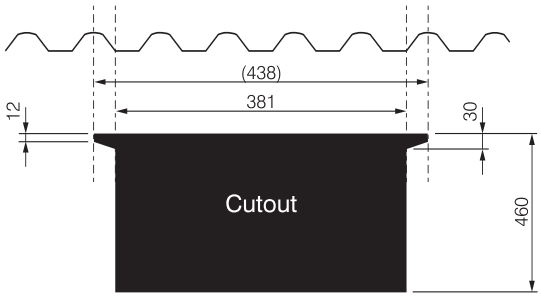
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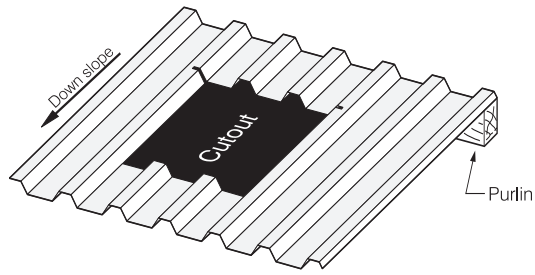
Spandek*



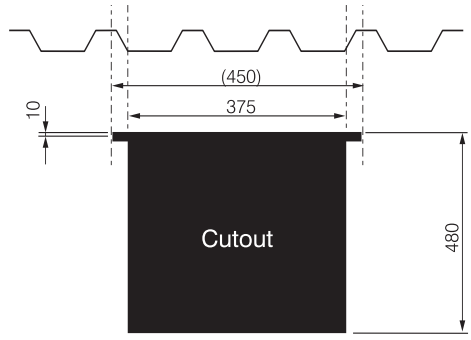
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Brownbuilt* 900



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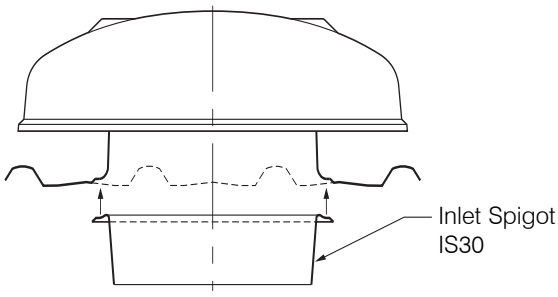


*Registered trademarks of BHP Steel (JLA) Pty. Ltd.

Inlet Spigot, IS30

Fantech product no. IS30 shall be fixed in the rebate of the fan base using a clear, medium gap filling PVC cement (eg. Clipsal Jointing Cement). Follow the cement manufacturers instructions.

The spigot should not be used to support any weight. Ductwork must be separately supported.



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

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Sydney	(02) 8811 0400

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www.fantech.com.au