



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.

Warranty:

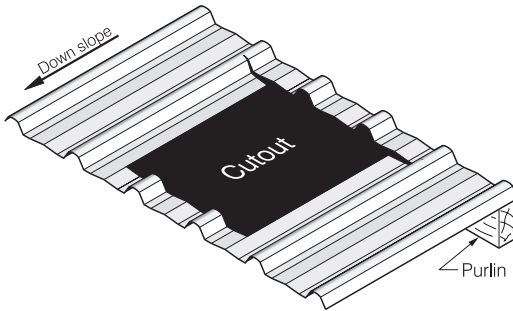
- Fantech Pty Ltd warrants products of its manufacture when not misused or neglected to be free of defects in workmanship and/or materials. Our obligation under this warranty is limited to repairing or exchanging F.O.B. factory, any part, assembly or portion found to be defective within one year from the date of commissioning but not to exceed eighteen (18) months from date of shipment from our factory.
The Company assumes no responsibility for labour costs involved in the removal of defective parts, installation of new parts or related service charges.
- The Company shall have the option of requiring the return of the defective part (transportation prepaid by the Buyer) to establish the claim.
- Warranty will be void if installation is not carried out by qualified personnel in accordance with these instructions and good trade practice.
- Fully detailed warranty conditions are contained in Fantech's Standard Conditions of Trading.

Maintenance:

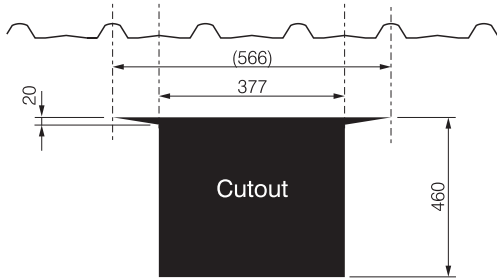
1. All motors are fitted with sealed-for-life bearings which are maintenance-free. All motors are fitted with thermal contacts to stop the fan in the event of over-heating. These will reset automatically when the motor cools, enabling the fan to re-start.
2. It is recommended that fans be inspected after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

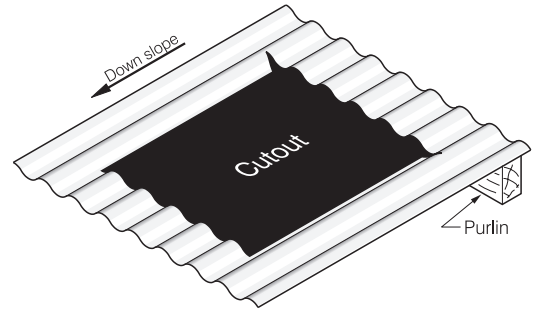
Trimdek*



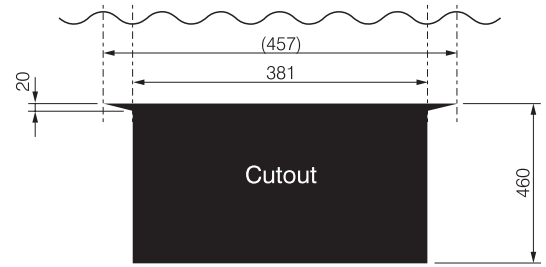
----- Denotes cutting plane
Important:
 Ensure cuts are on these planes



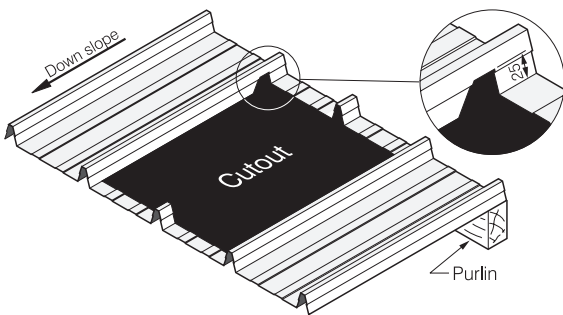
Custom Orb*



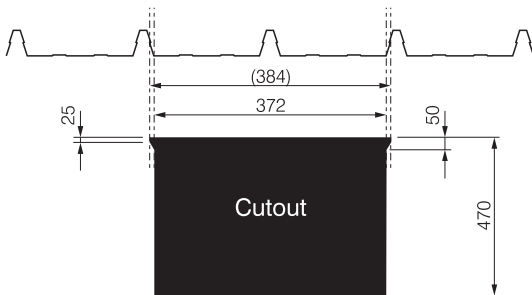
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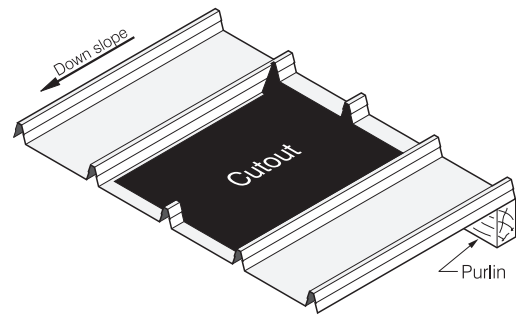
Klip-Lok* 406



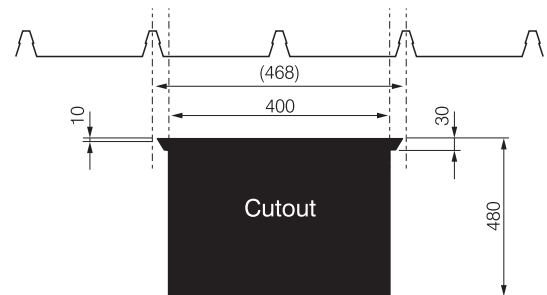
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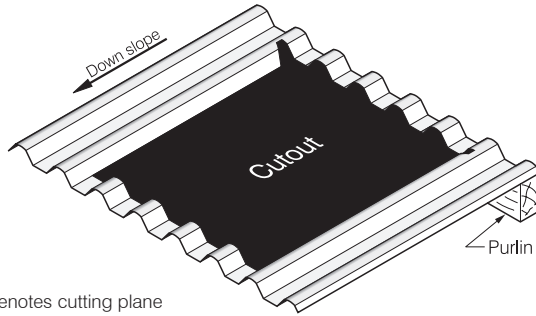
Klip-Lok* 700



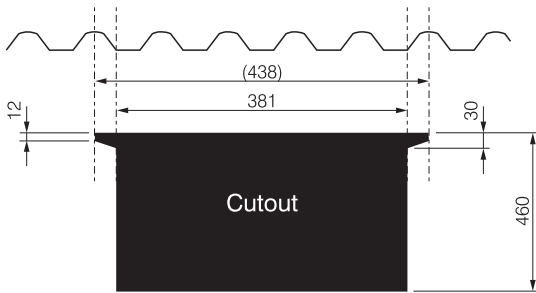
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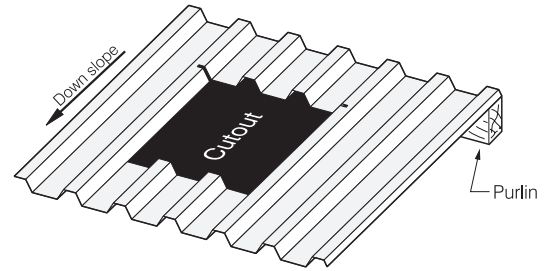
Spandek*



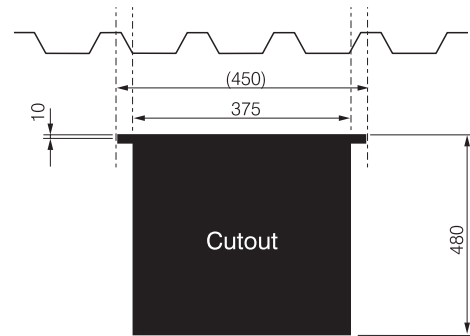
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Brownbuilt* 900



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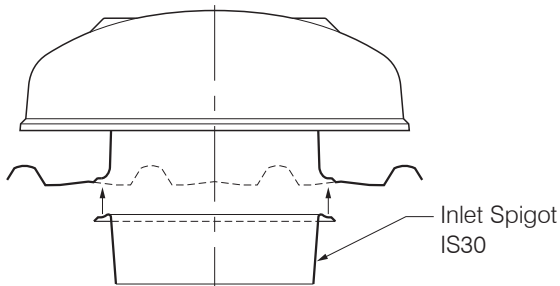


*Registered trademarks of BHP Steel (JLA) Pty. Ltd.

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.





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