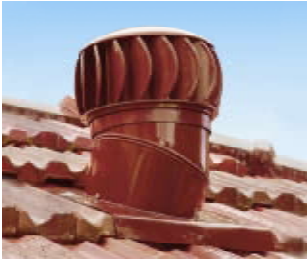


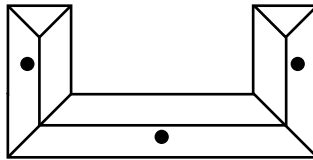
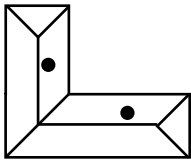
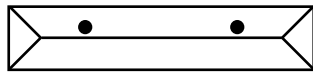
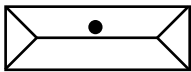
INSTALLATION INSTRUCTION

Residential Turbine Ventilator

These instructions are suitable for use with the SupaVent, Windmaster, TurboBeam and TurboVentura



CHOOSING THE CORRECT POSITION



Guide*

1 x Ventilator for up to 90m ² house (10 squares)
2 x Ventilators for up to 180m ² house (20 squares)
3 x Ventilators for up to 270m ² house (30 squares)

* GUIDE NOT SUITABLE FOR TURBOVENTURA

FIG 1

METAL ROOF INSTALLATION:

Step 1

Select the appropriate positions for vents as referred to in. (Fig 1). Remove components from carton and separate flashing from Varipitch (throat). Place the flashing with top edge slipped under the ridge capping. (Fig 2)

Step 2

Ensure that the flashing covers the corrugations or ribs equally and is located between the roof joists, then mark a circle using the base as a template. Cut hole.

Step 3

Turn up the corrugations or pans of the roof sheeting. Dress flashing to form sheeting profile. If the Profile proves to be difficult an INFILL that matches the roofing profile can be purchased & used on the bottom edge of the flashing to achieve a weatherproof seal.

Step 4

Run a small bead of silicone along the under side of the flashing & secure the flashing with self-tapping screws or rivets. These are NOT included in the kit (approximately 8 are required).

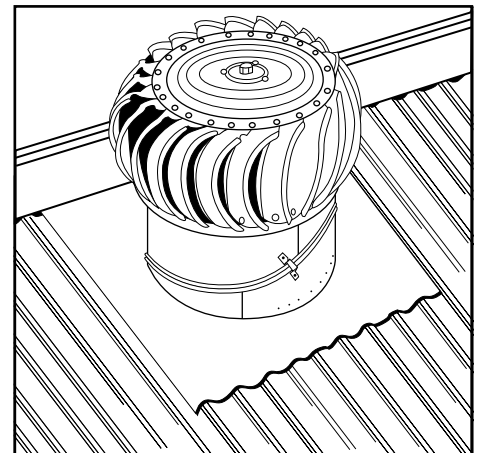


FIG 2

Then follow steps 6, 7 & 8 from "Tile Roof Installation" Instructions (See Overleaf)

Note: When a ventilator is required to be installed further down the roof & the top edge of the flashing is exposed, a flat flashing with turned down sides should be installed over the top edge of the vent flashing & extended back to the highest point under the ridge capping. Failure to install the ventilator using the back flashing may result in water penetration.

INSTALLATION INSTRUCTION

Residential Turbine Ventilator

TILE ROOF INSTALLATION

Step 1

Select the appropriate positions for vents as referred to in. (Fig 1). Remove a tile from the third row down from the ridge cap. The removal of a tile higher than this may damage the integrity of the ridge tiles and is NOT recommended. (Fig 3)

Step 2

If the roof is 'sarked', cut sarking in a cross and fold back corners to give a 150mm, 250mm or 300mm square opening, depending on the size of the ventilator.

Step 3

Remove components from carton and separate flashing from Varipitch (throat). Take the flashing and push it under the tiles above the opening created in the roof, centre the hole in the flashing over the opening. Dress the flashing into the shape of the tile. (Fig 4)

Step 4

Put hand through hole in flashing and bend top edge of flashing upwards to the underside of the tiles above.

Step 5

Hook the fixing strap provided over the front of the flashing upstand and nail/screw to timber tile batten. This secures the front of the ventilator. (Fig 5)

Step 6

Adjust the Varipitch to suit the roof pitch. This will involve rotating the top section of the Varipitch (for Windmaster, SupaVent and TurboBeam this is denoted by 3 notches in the edge of the Varipitch, for the TurboVentura the open section of the Varipitch clip points down), and compensating by rotating the whole Varipitch on the flashing. To ensure the Varipitch is level, use a spirit level to check the levels parallel and perpendicular to the ridge line. When adjusted correctly, place the Varipitch on the flashing, sandwich the fixing strap between the flashing and Varipitch and fasten Varipitch to flashing by inserting 3 screws through the pre-punched holes. (Fig 6). Secure Varipitch angle by fastening the open side of Varipitch clip with a self tapping screw. (Fig 6). Cut off any excess fixing strap. (Fig 5)

Step 7

Silicone seal the inside of the Varipitch seam. Do NOT apply silicone to joint between flashing and Varipitch. This is a natural gutter to release any trapped condensation.

Step 8

Windmaster – Position the ventilator top on the Varipitch by slipping the 3 rotor arms into the slots on the top of the Varipitch. Fasten the 3 arms through the pre-drilled holes using the screws provided. (Fig 7)

SupaVent & TurboBeam – Position the ventilator top on the Varipitch by slipping the ring onto the edge of the Varipitch. Rotate the ring until the 3 notches line up with the notches in the Varipitch. Fasten the ring through the 3 pre-drilled holes using the screws provided. (Fig 7)

TurboVentura – The TurboVentura has a lower ring with pre-drilled holes. Position the ventilator head so the holes line up with the holes in the top of the Varipitch. Fasten the ring through the 3 pre-drilled holes using the screws provided. (Fig 7)

Note: When securing the ventilator top to the Varipitch DO NOT use Tek screws, the screws provided in the box must be used. The use of Tek screws will void the ventilator warranty.

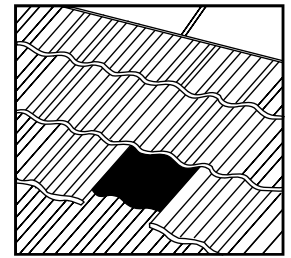


FIG 3

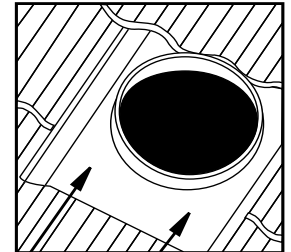


FIG 4

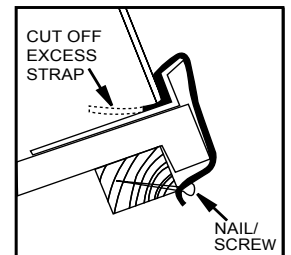


FIG 5

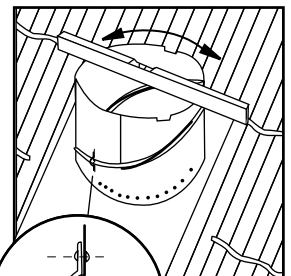


FIG 6

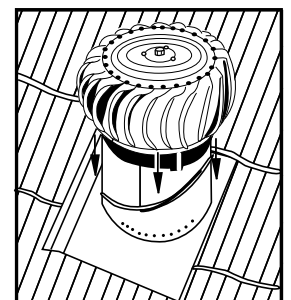


FIG 7