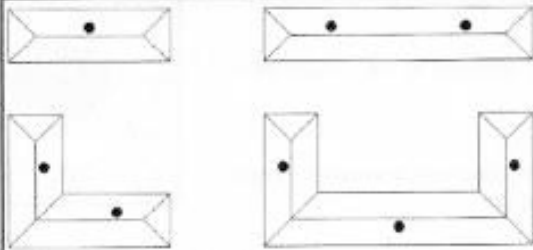


Installation Instruction Residential Turbine Ventilator

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



CHOOSING THE CORRECT POSITION



Guide (rule of thumb only)

- 1 x Ventilator for up to 900 sqft
- 2 x ventilators for up to 1800 sqft
- 3 x Ventilators for up to 2700 sq ft

* Guide not suitable for Turboventura

Metal Roof Installation

Step 1

Select the appropriate positions as referred to in (Fig 1): place the base flashing under the ridge capping.

Step 2

Ensure that the base flashing covers the corrugations or ribs equally, then mark a circle using the base as a template. Cut hole.

Step 3

Turn up the corrugations or pans of the 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.

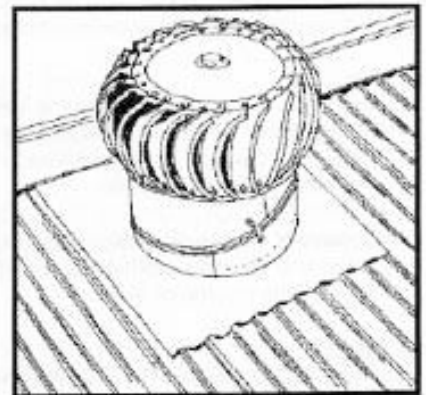


Fig 1

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 10 are required)

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 has to be installed over the base & extended back to the highest point under the ridge capping. Failure to install the ventilator using the back flashing will result in water penetration.

Installation Instruction

Residential Turbine Ventilator

Tile Roof Installation

Step 1

Remove the third tile down from the ridge tile. The removal of a tile higher than this may damage the integrity of the ridge tiles and is NOT recommended. (Fig 1)

Step 2

Remove components from carton and separate base flashing from Varipitch. Dress base flashing into shape of tile, and slip under the tiles above, centring the hole over the opening in the roof. (Fig 2)

Step 3

If the roof is 'sarked', cut sarking in a cross and fold back corners to give a 300mm square opening.

Step 4

Put hand through hole in base 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 base flashing upstand and nail to timber tile batten. This secures the front of the ventilator positively. (Fig 3)

Step 6

Adjust the Varipitch throat to suit the roof pitch. Use a spirit level to ensure the top is level. This will involve rotating the top section of the Varipitch, and compensating by rotating the whole unit on the base flashing. When adjusted correctly, sandwich the fixing strap between the base flashing and Varipitch and fasten Varipitch to base by inserting 3 screws through the pre-punched holes. (Fig 4) Secure Varipitch angle by attaching straddle bracket using self tappers. Cut off any excess fixing strap. (Fig 5)

Tip

To assist in the adjustment of the Varipitch we offer the following advice:

Windmaster Varipitch - Holding the top section of the vari-pitch turn the bottom section 180mm to the right (anti-clockwise) this is equal to a 25 degree roof pitch. The less the turn, the less the degree of pitch

Supavent Varipitch - Holding the top section of the vari-pitch turn the bottom section 140mm to the right (anti-clockwise) this is equal to a 25 degree pitch roof. The less the turn, the less the degree of pitch.

Step 7

Silicone seal the inside 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 Ventilator top on the Varipitch by slipping the 3 rotor arms onto the edge of the Varipitch. Rotate the arms until they fall into the slots provided. Fasten the 3 arms through the pre-drilled holes using the screws provided. (Fig 5)

Other Vents - All other ventilators have a lower ring with pre-drilled holes. Position the ventilator head so the holes line up with the holes in the top of the flashing. (Fig 5)

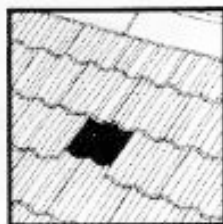


Fig 1

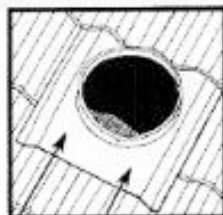


Fig 2

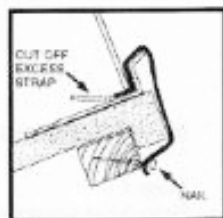


Fig 3

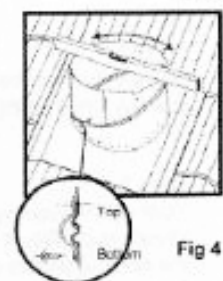


Fig 4



Fig 5