

## **Fitting Instructions for a Metal Deck Roof**

To complete the installation you will need the following equipment: Safety Glasses, Silicone Sealant, Jigsaw, Spirit Level, Screwdriver, Hammer, Spanner.

It is important to wear shoes with good gripping soles. Try not to break tiles.

Read the instructions carefully before you begin.

Check the number of SkyVents you will need and where they should be positioned.

**Components:** Remove the ventilator from the carton and separate the three main sections: Head, Variable Pitch Throat and Base. Also separate screws, metal strap and clamp.

**Positioning:** Assess positioning of each SkyVent. Best to place the flashing base under the ridge flashing - Highest vent point for hot air, air flow from wind and flashing from water runoff.

**Cutting the roof sheet and sarking:** Using the base of the unit as a template cut the roof sheet. If the roof is sarked, cut the sarking in a cross and fold back the corners to give a 300mm opening. (Please refer to pictorial instruction.)

**Secure and shaping the Base:** Temporarily assemble the Variable Pitch Throat and Base units together using the screws provided. Press flashing into the shape of the metal deck profile Turn up the corrugation of the metal sheeting within the cut hole, secure the flashing to the sheeting with self-tapping screws or rivets. (Please refer to pictorial instruction.)

**Dressing the Flashing:** Use a rubber mallet and dress the flashing base to match the metal deck roof profile.

**Adjusting the Variable Pitch Throat:** Fit the throat to fit the base and adjust it to suit the roof pitch. Use a spirit level to ensure that the top is level. If the temporary position secured in Step 5 is satisfactory, tighten screws. If not remove the screws and turn the throat until level then re-fasten the screws. (Please refer to pictorial instruction.)

**Fixing the Variable Pitch Throat:** Fix the clamping clip across variable pitch seam using set screw provided. Lock seam in place.

**Sealing the Variable Pitch Throat:** Silicone seal all seams and joints from inside the throat. Ensure that all possible points of moisture entry are sealed. (Do not apply silicone or other adhesive to Dome head.)

**Fitting Turbine:** Position the SkyVent on the Variable Pitch Throat and line up pre-drilled holes in brackets with those in variable pitch throat. Fasten with screws provided.

**Fitting Under Eave Vents** To assist ventilation flow, two Under Eave Vents may be fitted. Cut out an appropriate section of the eave and fix the vent across aperture. Please refer to the following pictorial instructions:

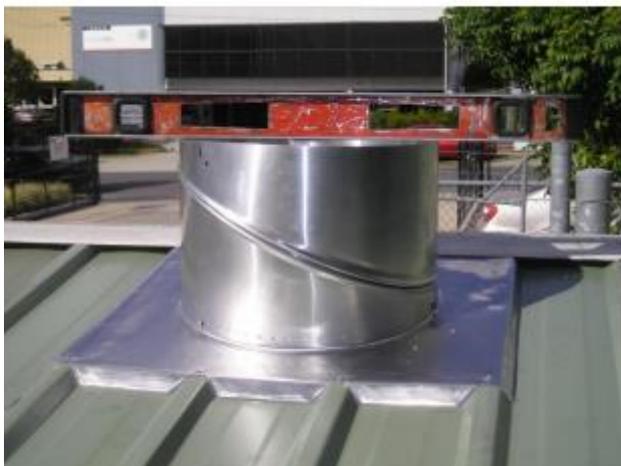
## Pictorial Fixing Instructions



Using the base as a template cut the hole – turn up profile



Shape flashing base to roof profile and secure base, preferably under ridge capping



Use a spirit level and 4 points - level the unit Remember to fit the seam locking clamp and set screw provided to secure seam Silicon seal all seams from inside the throat. Do not use silicon on the plastic head unit.



Secure head of unit by lining up pre drilled brackets and fix with screws provided

You should now have a quality product that will give you many years of energy free service.