

## INSTALLATION INSTRUCTIONS - TILED ROOF

To complete the installation you will need the following equipment:

- Safety glasses
- Silicone Sealant
- Screwdriver
- Spirit level
- Spanner
- Jigsaw

### **IMPORTANT: WEAR SHOES WITH A GOOD GRIP. READ ALL INSTRUCTIONS BEFORE YOU BEGIN**

**Check the number of vents that you need and where they should be positioned.**

- 1. Components:** Remove the vent from the carton and separate the three main sections: turbine, variable pitch tube, base flashing and fastenings.
- 2. Positioning:** Assess positioning of each vent (see side of box to determine how many vents you need). Remove the third tile down from the ridge.
- 3. Cutting and Sarking:** If the roof is sarked, cut the sarking in a cross and fold back the corners to give a 250mm opening.
- 4. Shaping the base:** Temporarily assemble the variable tube and base flashing units together. Using the screws provided. Press flashing into the shape of the tile and slip it under the tiles above and centre the hole over the hole in the roof. Put your hand through hole in the base and push the top edge of the flashing into the shape of the underside of the tiles above.
- 5. Dressing the flashing:** Hook 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.
- 6. Adjust the variable pitch throat:** Place the variable pitch tube on the base and adjust it to suit the roof pitch. Use a spirit level to ensure that the top is level. Mark a line on both the variable pitch tube and base (for re-assembly).
- 7. Fixing variable pitch tube:** Once the variable pitch tube is level, lock the seam in place.  
Fitting the variable pitch tube to the turbine head: using the base as a resting position, turn the turbine upsidedown and place it into the base hole. Slide the variable pitch tube (upside down) onto the three arms of the turbine head central bracket and located with the next three notches in the variable pitch tube to the turbine head with the three screws provided.
- 8. Sealing the variable pitch tube:** While in the upside down position, seal all seams and joints on the inside of the variable pitch tube with silicone to ensure a water tight seal.
- 9. Final fitting and sealing:** Position the turbine head and variable pitch tube assembly onto the base, lining up the marks made previously (step 6). Fasten to base in three places using the screws provided. Finally, run a bead of silicone on the outside seam of the variable pitch tube and base for approximately half the circle on the up side nearest to the ridge capping.

### **Fitting under-eave vents**

To assist ventilation flow, two under eave vents per unit may be fitted. Cut out an appropriate section of the eave material and fix the vent across the aperture.



Rotary Roof Ventilators

## INSTALLATION INSTRUCTIONS - METAL ROOF

To complete the installation you will need the following equipment:

- Safety glasses
- Screwdriver
- Spanner
- Self-tapping ceiling screws (supplied)
- Silicone Sealant
- Spirit level
- Jigsaw
- Soft Hammer

### **IMPORTANT: WEAR SHOES WITH A GOOD GRIP. READ ALL INSTRUCTIONS BEFORE YOU BEGIN**

Check the number of Spinaway vents that you need and where they should be positioned.

- 1. Components:** Remove the vent from the carton and separate the three main sections: turbine, variable pitch tube, base flashing and fastenings.
- 2. Positioning:** Select a position on the roof close to the ridge line and place base flashing with the top edge positioned under the ridge capping.
- 3. Cutting the hole:** Mark the proposed hole using the base as a template. Cut the hole.
- 4. Securing the flashing:** Turn up the corrugation of the metal sheeting within the cut hole, secure the flashing to the sheeting with self-tapping screws or rivets.
- 5. Dressing the flashing:** Use a soft hammer to dress the flashing to the sheeting profile.
- 6. Adjust the variable pitch tube:** Place the variable pitch tube on the base and adjust it to suit the roof pitch. Use a spirit level to ensure that the top is level. Mark a line on both the variable pitch tube and base (for re-assembly).
- 7. Fixing variable pitch tube:** Once the variable pitch tube is level, lock the seam in place.
- 8. Fitting the variable pitch tube to the turbine head:** Using the base as a resting position, turn the turbine upsidedown and place it into the base hole. Slide the variable pitch tube (upside down) onto the three arms of the turbine head central bracket and located with the next three notches in the variable pitch tube to the turbine head with the three screws provided.
- 9. Sealing the variable pitch tube:** While in the upside down position, seal all seams and joints on the inside of the variable pitch tube with silicone to ensure a water tight seal.
- 10. Final fitting and sealing:** Position the turbine head and variable pitch tube assembly onto the base, lining up the marks made previously (step 6). Fasten to base in three places using the screws provided. Finally, run a bead of silicone on the outside seam of the variable pitch tube and base for approximately half the circle on the up side nearest to the ridge capping.

### **Fitting under-eave vents**

To assist ventilation flow, two under eave vents per unit may be fitted. Cut out an appropriate section of the eave material and fix the vent across the aperture.