

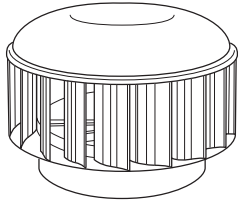
# INSTALLATION INSTRUCTION

## Hurricane Turbine Ventilator

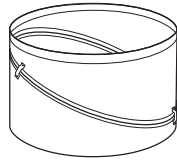
### PRIOR TO INSTALLATION

- Check all components are in the carton.

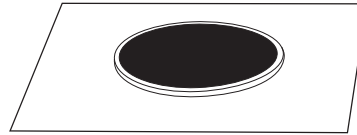
### CONTENTS OF PACKAGE - COMPLETE UNIT WITH VARIPITCH BASE



Turbine



Varipitch Section



Flashing

Also:

Warranty  
Installation Instructions

### METAL ROOF (CORRUGATED, KLIPLOCK, TRIM DECK, ETC) UNDER RIDGE INSTALLATION

#### Step 1

Select the appropriate position on the roof as referred to in (Fig 1), ensuring the ventilator will not be sheltered from the wind. Place the base flashing under the ridge cap.

**Note:** When selecting the position of the vent, the means of weather proofing needs to be taken into account, the most efficient means is to locate the flashing under the ridge cap.

#### Step 2

Ensure that the flashing covers the corrugations or ribs equally, then mark a circle using the base as a template. Cut hole. Once the hole has been cut, turn up the corrugations or pans and secure the flashing to the roof (for number of fasteners see Table 1). It is recommended that an infill be used on the low side of the flashing. Coat all fasteners with silicone to ensure they are weatherproof.

#### Step 3

When a Varipitch throat is being used. Sit the Varipitch on the flashing and rotate the top and bottom halves until the top of the Varipitch is horizontal, it is recommended that a level be used (Fig 2). Fix the Varipitch to the flashing (for number of fasteners see Table 1).

#### Step 4

Secure the two halves of the Varipitch by inserting self tapping screws or blind rivets into the Varipitch clips. Run a bead of silicone around the inside of the Varipitch seam.

**Note:** Do NOT apply silicone to joint between flashing and Varipitch. This is a natural gutter to release any trapped condensation.

#### Step 5

Fit the turbine to the Varipitch. Check that it is level and adjust by tilting if necessary (Fig 3). Fasten the turbine to the top of the Varipitch (for number of fasteners see Table 1).

#### General Notes:

The design of the ventilator ensures that it will not leak in normal weather conditions. The quality of the installation work is critical, care should be taken to eliminate the risk of leaks through the flashing or fasteners.

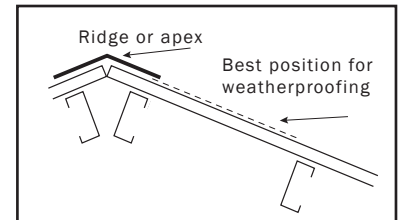


Fig 1

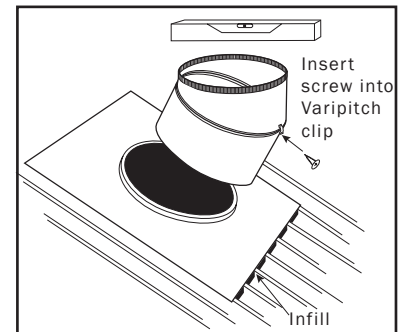


Fig 2

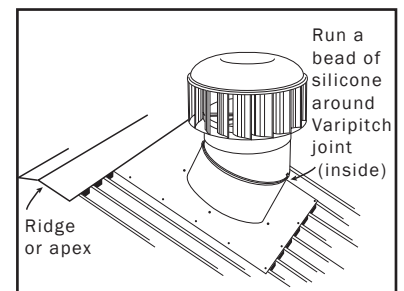


Fig 3

Table 1 - Recommended Fastener Quantities

Unit Size (mm)	Head to Varipitch	Varipitch to Flashing	Flashing to Roof (Locate 4 close to varipitch)
300	4	4	10
400	4	4	12
450	5	5	12
500	5	5	12

Unit Size (mm)	Head to Varipitch	Varipitch to Flashing	Flashing to Roof (Locate 4 close to varipitch)
600	6	6	16
700	6	6	16
800	8	8	20
900	8	8	20

Either: 10 gauge 16mm tek screws with neo or 5/32 blind rivets are recommended. When non sealed rivets are used apply silicone over the rivets to seal.