

Installation instructions for AOV (Ax) with glass top (Direct to Roof).

X3-C-05-140-Ax-CM-CE-IGL

Tools required:-

- Silicone or mastic sealant (or similar), or compressible foam seal
- Driver for chosen kerb fixing
- Riveting tool
- Drill bit - 5mm diameter
- Small rubber mallet

1.

Check fit of AOV (A) by loosely placing over roof opening - then remove.

2.

Apply a generous bead of sealant (mastic or silicone for example) - (B) around the top face of the roof opening (this material is NOT supplied). Replace AOV (A) into position, and bed down on sealant.

3.

Screw the AOV (A) to the roof structure through the fixing flange using appropriate screws (C) for the roof structure (not supplied). Position screws at 75mm from the edge of the fixing flange at each corner, and at a maximum of 300mm centres thereafter.

4.

Remove the motor cover plates (D) from the inside of the AOV using a Philips head screwdriver, to reveal the junction box (if junction boxes are supplied to both sides, either box will do). Wire up the AOV to the control panel / building management system (this work MUST be carried out by a suitably qualified person). See wiring diagram, right.

NOTE:- AOV MUST BE SECURED TO THE ROOF DECK BEFORE BEING OPERATED.

5.

When satisfied with AOV installation and operation; complete the roofing works (roof insulation, felting / membrane etc). Membrane should be dressed as high as possible up the external face of the AOV.

6.

Lift the glass assembly (E) into position on top of the AOV lifting frame.

7.

Drill through the pre-drilled holes in perimeter frame using a 5mm drill bit, into the aluminium lifting frame to allow rivets to bed closely.

8.

Insert rivets (F) and secure with riveting tool. Tap on rivet cover caps with a small mallet. Using the same method, rivet on the two aluminium glass restriction pieces (G) to the sides of the AOV.

9.

Wire up actuator as per instructions in junction box.

NOTE:- Contractor is to provide a flat level surface minimum 100mm around the roof opening. Sealant and fasteners at roof deck level not by Xtralite

