

# Installation instructions for AOV (Ax) with glass top (Adapter Kerb).

X3-D-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
- Drill bit - 10mm diameter
- Small rubber mallet

## 1.

The adapter kerb assembly is pre-fitted with a compressible foam tape to the underside. Simply position the assembly (A) over the builder's upstand, sharing any tolerance evenly across all four sides.

## 2.

Drill 10mm Ø holes through the adapter kerb flange at 50mm from the vertical or splayed portion of the adapter kerb (as shown below), and at 300mm centres thereafter.

'C' screws with sealing washers are provided (B), which are suitable for timber builder upstands. For concrete upstands, source appropriate sized wall plugs (not supplied) to insert the 'C' screws into. For steel builder's upstands, tek fixings should be used (not supplied); combine with sealing washers.

Avoid over tightening fixings. Apply colour coded cover caps to fixing heads.

## 3.

Remove the motor cover plates (C) 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 BUILDER'S KERB BEFORE BEING OPERATED.**

## 4.

When satisfied with AOV installation and operation; lift the glass assembly (D) into position on top of the AOV lifting frame.

## 5.

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.

## 6.

Insert rivets (E) 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 (F) to the sides of the AOV.

## 7.

Wire up actuator as per instructions in junction box.

**NOTE:- Contractor is to provide a weathered builders kerb. Kerb to be a minimum of 100mm wide and 150mm above the finished roof surface. The kerb should be flat and level to +/- 3mm and be constructed in such a way as to provide a solid fixing platform. Should insulation be installed to the external side of the new kerb it is important that the insulation does not cause a back fall on the rooflight flashing detail (check with roof designer). If an existing kerb has been raised there may be a requirement for remedial works and internal decorations. All by others.**

