The prepared hole size for the Thermal Aircool Window Ventilator should be that quoted on drawings / quotations (daylight opening size). The Thermal Aircool Window Ventilator is supplied disassembled for ease of installation.

STEP 1

1. Glaze the external weather louvre into the glass pocket of the window system. This is to be done in conjunction with the window manufacturer's installation requirements.

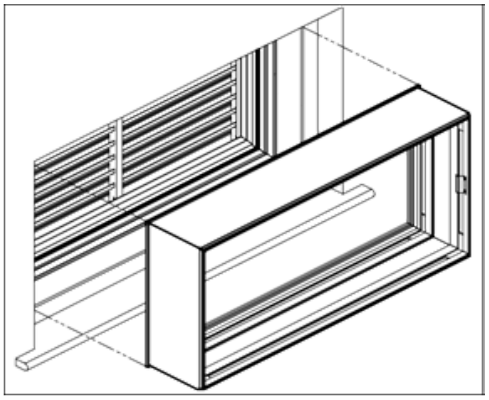

Figure 1 – Inserting external louvre.

STEP 2

1. Screw the internal frame assembly to the external weather louvre and screw into place.

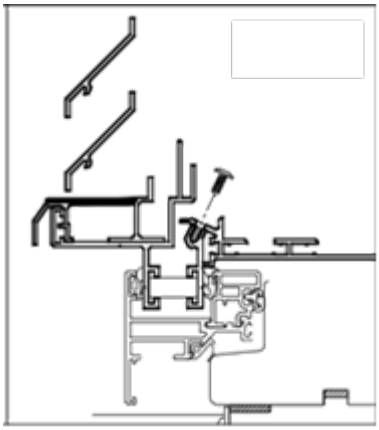

Figure 2 – Screw for internal frame.

STEP 3

1. Slide the additional sleeve into the internal frame assembly then screw together. Additional support may be required to stop the louvre flexing in the window frame.

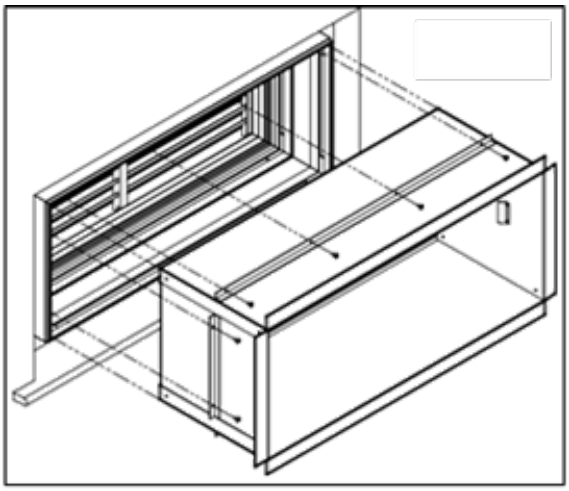

Figure 3 – Inserting additional sleeve.

STEP 4

1. From the inside of the building, feed the power supply through the rubber grommet on top of the sleeve. Enough cable should be left to allow connection to the junction box inside the actuator housing on the louvre unit.

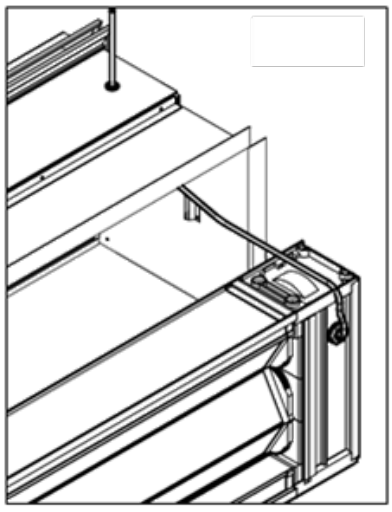

Figure 4 – Feeding power supply though.

STEP 5

1. Remove the actuator cover from the front of the internal louvre module by removing the screws.

2. Feed the cable through the grommet at the front of the internal louvre module, pulling the cable through the front of the actuator housing.

3. Uncoil the off coil sensor and feed it through the gland in the front of the actuator housing (required later for Step 6).

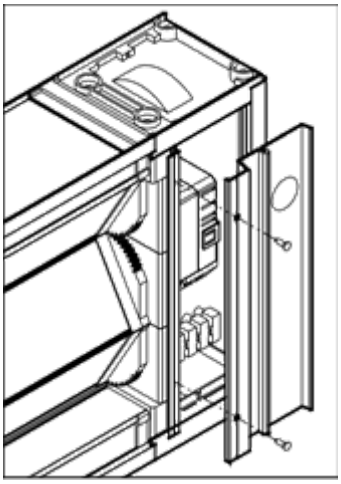

Figure 5 – Removing actuator cover.

STEP 6

1. Once the cable has been pulled through the grommet and actuator housing, insert the inner louvre assembly into the wall sleeve ensuring that it is the correct way up.

   ***Note**: Sprung retaining clips are pre- fitted to either side of the wall sleeve which deflect towards the sleeve wall when the louvre is inserted.*

2. Push the inner louvre assembly into the sleeve until the clips spring back out to retain the front of the assembly.

3. Coil the cable up and place it in the actuator housing or wire into the junction box within the actuator housing. Wiring must be carried out to the wiring diagram supplied.

4. Replace the actuator front cover and fasten fixing screws. It is the responsibility of the electrical contractor / installer to ensure correct earth bonding is carried out if required.

5. Should it be necessary to remove the louvre assembly for maintenance etc, depress the clips on either side whilst pulling the assembly out.

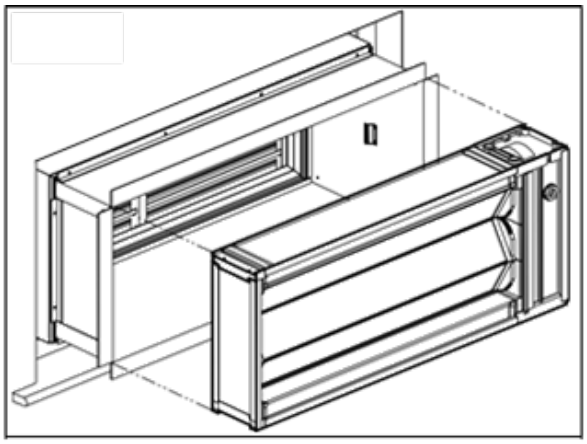

Figure 6 – Inserting inner louvre assembly.

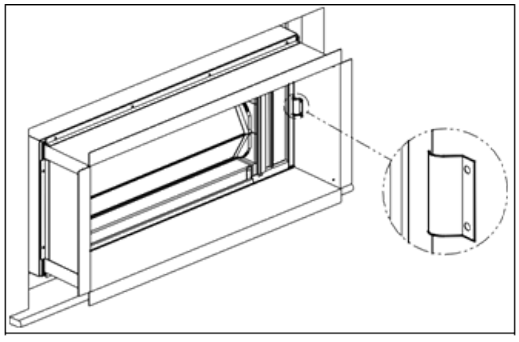

Figure 7 – Spring retaining clips.

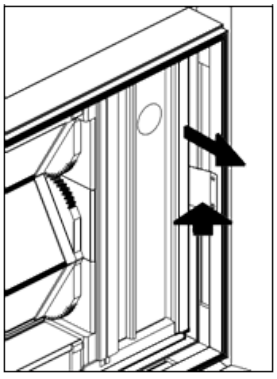

Figure 8 – Spring retaining clips.

STEP 7

1. Slide the heater coil into the sleeve making sure you can still get access to the actuator behind. All interconnecting pipework by others. All valves controlling water flow cannot be mounted inside the louvre and must be mounted on the pipework upstream of the louvre.

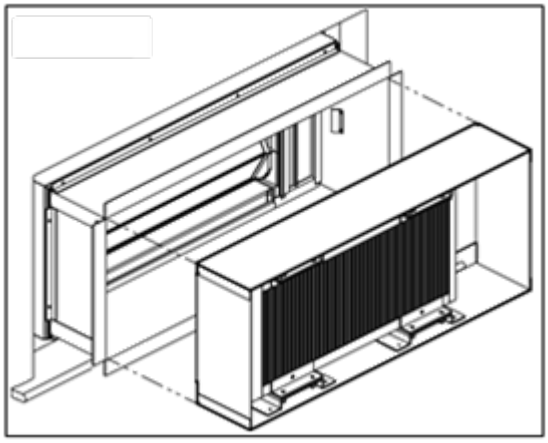

Figure 9 – Inserting heater coil.

STEP 8

1. Fit the coil sensor into the P-clip on the lower right-hand mounting bracket of the coil assembly.

STEP 9

1. Screw the internal cover grille to the sleeve.

   NOTE: *Fixing points may alter from those shown.*

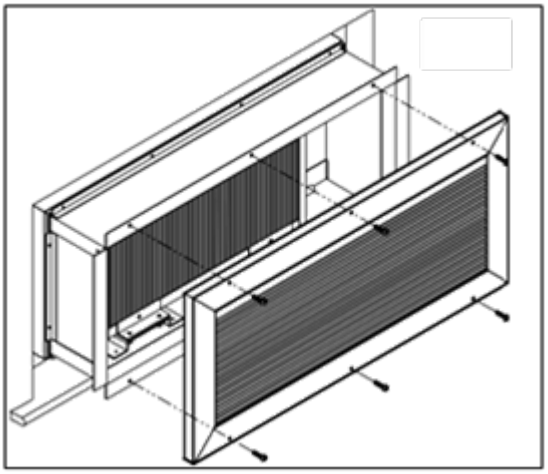

Figure 10 – Inserting the internal cover.

WARNING ISOLATE POWER SUPPLY BEFORE COMMENCING ANY MAINTENANCE WORK