SHEERVENT®

FLUSH INTELLIGENT VENTILATION
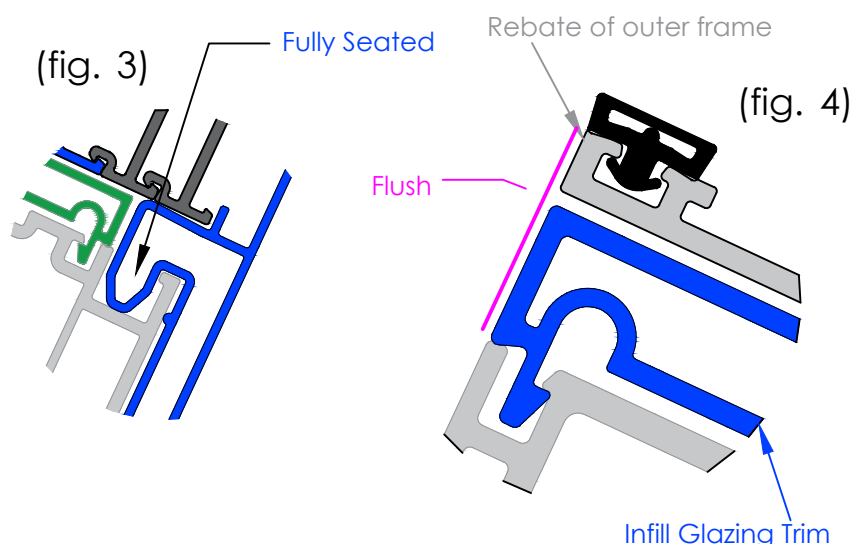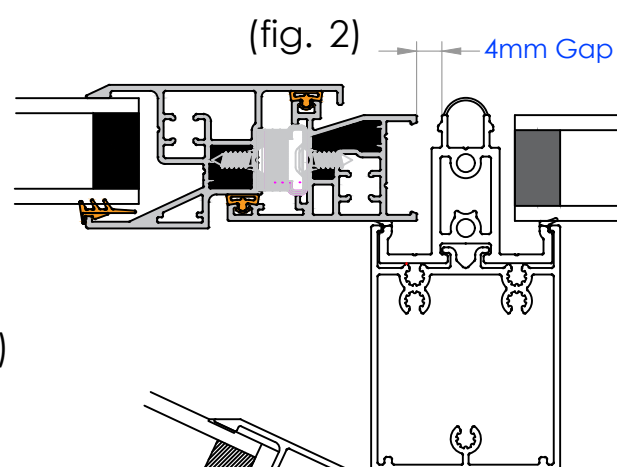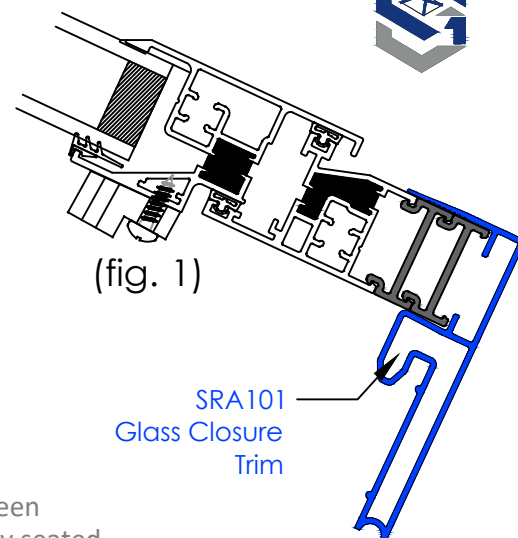
INSTALLATION GUIDE
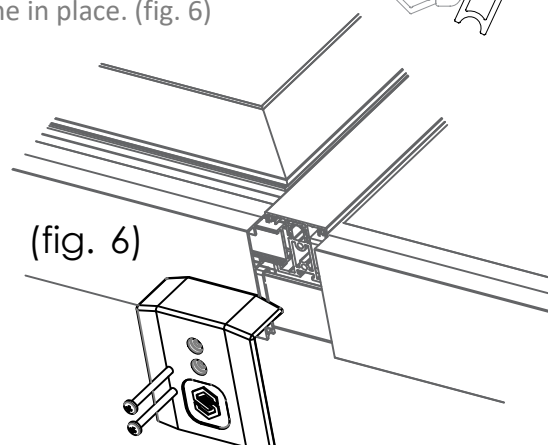
SHEERLINE®
ALUMINIUM WINDOWS AND DOORS
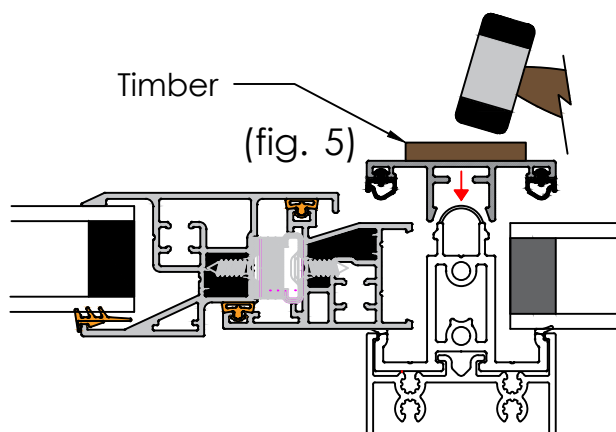
SCAN ME

1. First, check you have all the packages. Sheervent products are clearly labelled showing how many packs you need.

2. Carefully unpack the vent, taking care not to damage the product. The vent is pre-assembled and glazed; however, the sash and frame are not locked together so extra care must be taken when handling the vent not to cause injury or damage. The vent will be taped closed to prevent the sash from swinging open.

3. Next fit the roof vent into the roof lantern. The overall size of the vent is the same as the piece of glass it replaces and is fitted in the same manner, attach SRA101 glass closure trim to the bottom of the frame. (fig. 1)

4. Position the vent centrally, ensure there is an equal 4mm gap between the roof rafters and the vent frame (fig. 2) and that the frame is fully seated in the eaves beam glazing channel. (fig. 3)

5. The rebate of the outer frame must sit flush and level with the eaves beam infill trim. This will also mean the vent is positioned correctly into the ridge glazing channel, creating a watertight seal. (fig. 4)

(fig. 1)

SRA101 Glass Closure Trim

(fig. 2)

4mm Gap

(fig. 3)

Fully Seated

Rebate of outer frame

(fig. 4)

Flush

Infill Glazing Trim

6. Fit the rafter top caps to seal the vent frame into the roof. (fig. 5)

7. Fit SRH102 rafter end caps that will fully lock the vent frame in place. (fig. 6)

Timber

(fig. 5)

(fig. 6)

1

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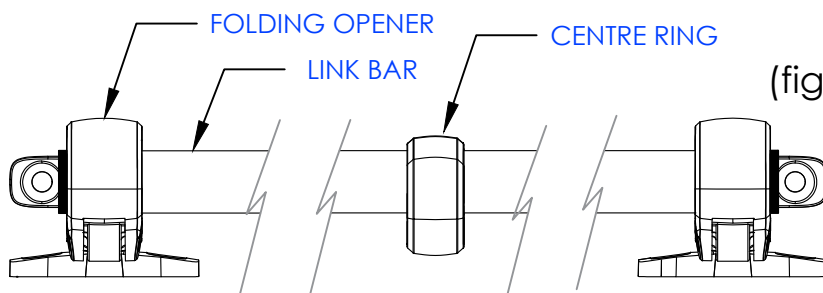SHEERLINE®
ALUMINIUM WINDOWS AND DOORS

Manual Opening Vent

1. Fit the manual opening mechanism to the vent by securing the brackets to the sash in the predrilled holes using **4 x SRH136** fixing screws 4.2x13mm (2 screws per bracket). You will need to open the sash to fasten the screws.

2. Now fasten the folding opening brackets to the eaves beam. Using **4 x SRH133** self-drill fixing screws 4.2x16mm(2 screws per bracket). It is important to fit the mechanism level and plumb to ensure smooth operation. The fixings are positioned 23mm above the flat face of the eaves beam as can be seen in fig. 7. If fitted at an angle it will cause operational issues.

3. Gasket compression can be increased via the slotted holes in the folding opener bracket that attaches to the eaves beam.

4. Next cut the link bar to size so that it finishes flush with the ends of the folding opener brackets. (fig. 8)

5. Slide the centre pull onto the link bar and secure centrally with the attached grub screw.

6. Secure link bar centrally to the folding openers with the attached grub screws (1 per end).

(fig. 7)

SRH136
4.2x13 self tapping screw
2 per folding opener

SRH133
4.2 x 16mm self drill screws
2 per folding opener

FOLDING OPENER

LINK BAR

CENTRE RING

(fig. 8)

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ALUMINIUM WINDOWS AND DOORS

Electric Opening Vent

1. To install the electric actuator, unpack and attach the fixings lugs to the actuator with the bolts provided in the box (fig. 9)

2. Scan the QR code, this video will show you how to fit the electric actuator.

3. Open the sash to gain access to the face mounted bracket that is fitted to the sash. From outside, offer the actuator coupler up to the actuator sash bracket and slide into position, (fig. 10) Once fully engaged, twist the actuator 90 degrees into the correct orientation. This will lock the actuator to the sash (fig. 11). The bracket and actuator must be fully engaged before moving on to the next step.

4. Carefully lower the actuator and sash down into the closed position. Ensuring the brackets are in the correct orientation to allow fitment to the eaves beam. Do not force, as this could cause damage to both the electric actuator and the eaves beam (fig. 12).

5. Before securing to the eaves beam, ensure the electric actuator is sitting against the bottom lip of the eaves beam.

6. Using SRH133 self drill screws (4.2mm x 16mm) provided, secure to the eaves beam (fig. 13).

7. All electrical wiring must be undertaken by a qualified electrician. See wiring diagram's.

Bolts provided in the box

(fig. 9)

SCAN ME

(fig. 10)
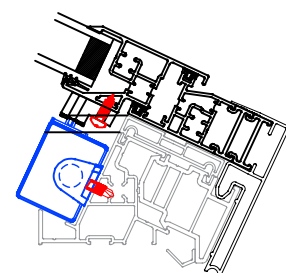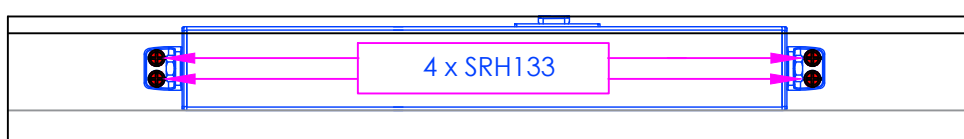
(fig. 11)

(fig. 12)

4 x SRH133
4.4 x 16 Self Drill

Actuator to sit flush and level on eaves beam

(fig. 13)

4 x SRH133

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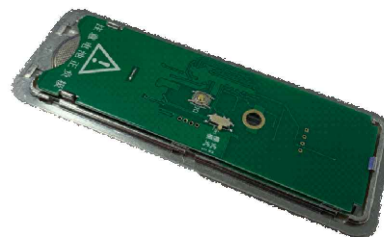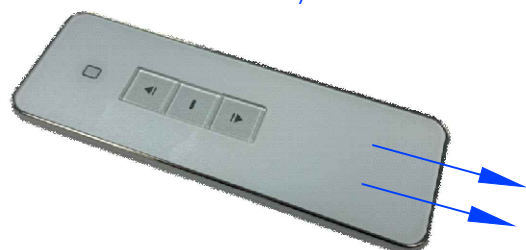ALUMINIUM WINDOWS AND DOORS

Remote Control SRH862

Fit 1 x CR2430 Battery (not supplied) in the remote control and slide the face plate downwards to remove from the back plate and fit the battery. See below.

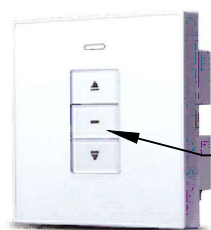Slide face cover back to fit battery

Fit CR2430 Battery

Refit Cover

To sync the sensor - press the stop button on SRH861 control switch for 5 seconds, whilst keeping hold of the stop button, press the UP button on the remote control for 15 seconds, then release both buttons. After a total of 20 seconds the codes will be sync'd.

SRH861
SHEERVENT CONTROL BOX

SRH862 SHEERVENT
REMOTE CONTROL

Stop Button

Hold stop button for 20 seconds in total

Hold UP button for 15 seconds in total

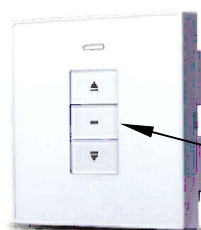**Wireless Rain Sensor SRH863**

Fit a 9v Battery (not supplied) in the sensor - remove 4 screws from the back plate and connect the battery.

To sync the sensor - press the stop button on SRH861 control switch for 5 seconds, whilst keeping hold of the stop button, press the sync button on the back of the rain sensor for 15 seconds, then release both buttons. After a total of 20 seconds the codes will be sync'd.

Fit the sensor in an appropriate position within 10m of the roof vent that is not sheltered from the elements, otherwise the sensor will not work as intended.

Do not attach the sensor to the S1 Roof Lantern.

SRH861
SHEERVENT CONTROL BOX

Stop Button

Hold stop button for 20 seconds in total

SRH863
SHEERVENT
WIRELESS RAIN SENSOR

Hold sync button for 15 seconds in total

Sync Button
(Back of sensor)

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ALUMINIUM WINDOWS AND DOORS

Wireless Wind, Light & Rain Sensor SRH864

Plug the power adaptor into a suitable plug socket and connect to sensor

To sync the sensor - press the stop button on SRH861 control switch for 5 seconds, whilst keeping hold of the stop button, press the sync button on the back of the rain sensor for 15 seconds, then release both buttons. After a total of 20 seconds the codes will be sync'd.

Fit the sensor in an appropriate position within 10m of the roof vent, that is not sheltered from the elements, otherwise the sensor will not work as intended.

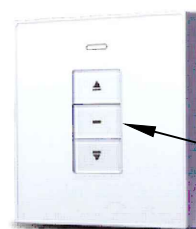Do not attach the sensor to the S1 Roof Lantern.
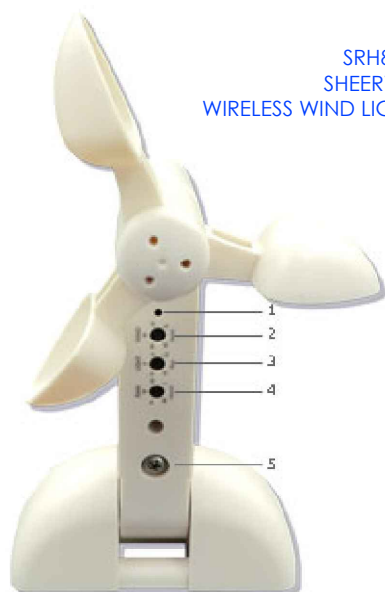
SRH864
SHEERVENT
WIRELESS WIND LIGHT RAIN SENSOR

1. Sync button
2. Wind adjustment
3. Light adjustment
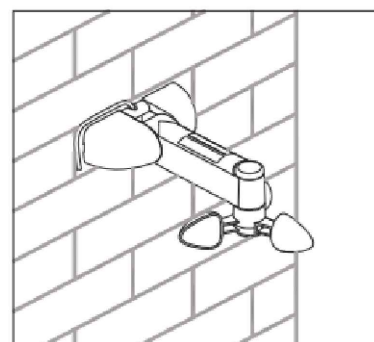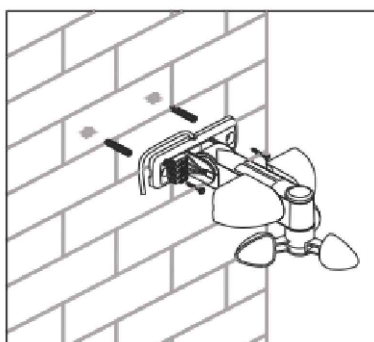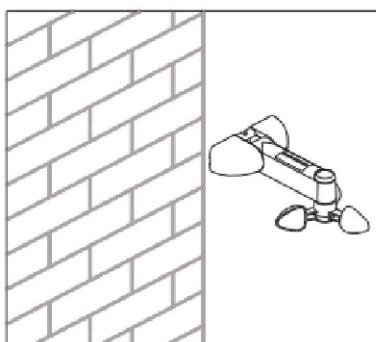4. Rain adjustment
5. Fixing screw

SRH861
SHEERVENT CONTROL BOX

Hold sync button for 15 seconds

Hold stop button for 20 seconds in total

Stop Button

100-240VAC

AC INPUT			WLR SENSOR				DC OUTPUT	
L	E	N	V	D	U	G	+	-

24VDC actuator
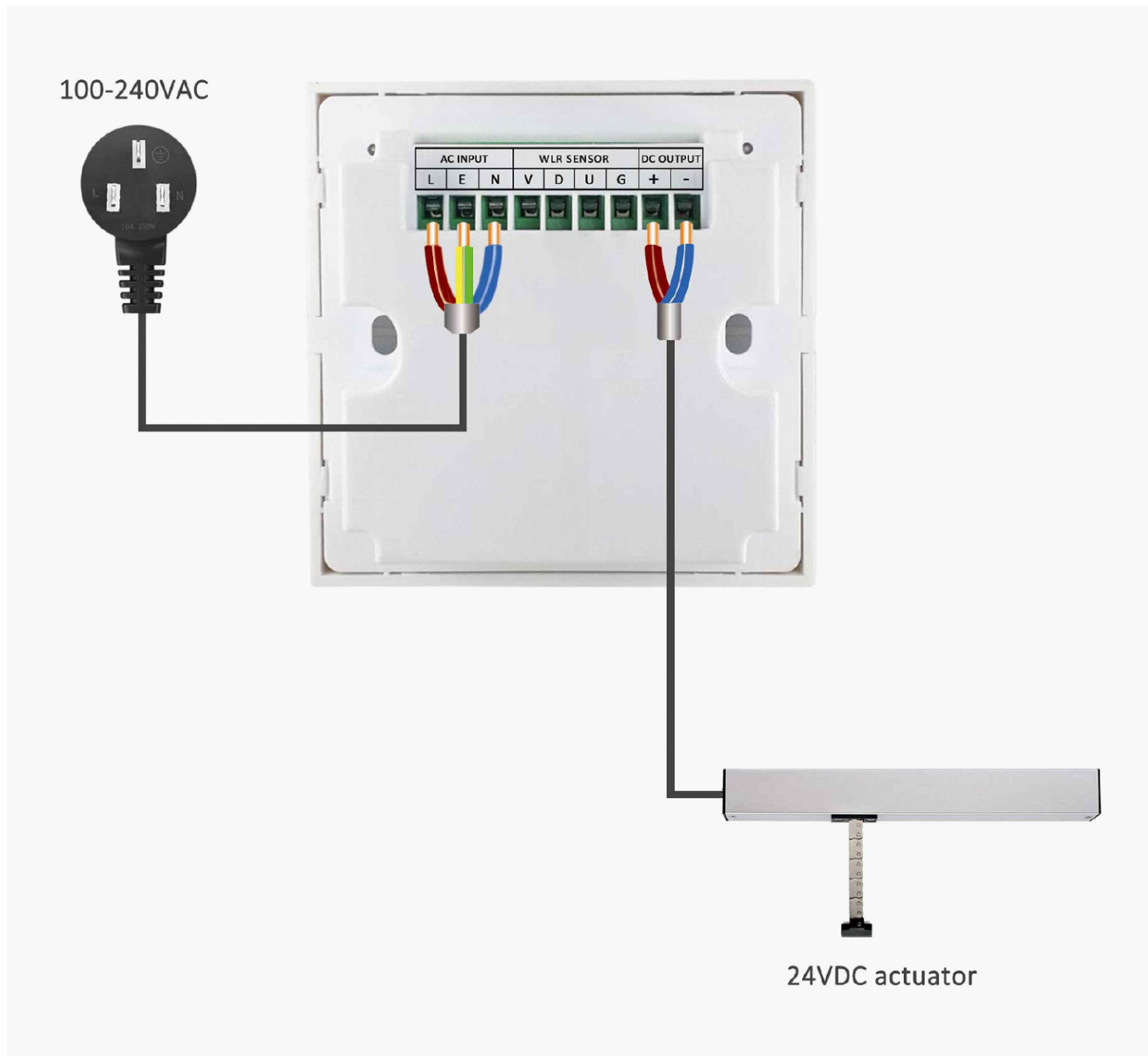
Ordering Code	Working Voltage (V)	Max Current (A)	Stroke (mm)	Push Force (N)	IP Class	Color	Dimension (mm)
SRH860	24DC	1	200	250	32	Silver	44x34x320

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