



Passivhaus BPS

End Panel Installation User Guide



1.0 SAFETY INFORMATION

- Isolate from power supply before removing any covers. During installation / maintenance ensure all covers are fitted before switching on the mains supply.
- Ducting must be securely fixed with screws to the spigot to prevent access to live parts. Duct runs terminating close to the fan must be adequately protected by suitable guards.
- This appliance should not be used by children or persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning the safe use of the appliance by a person responsible for their safety. Children shall not play with the appliance. Cleaning and user maintenance shall not be carried out by children.
- Any ducting, silencers or other similar ancillaries attached to the flange connector must be independently supported by others.

1.1 Symbols



GENERAL WARNING

Signifies a general warning regarding hazard specified by supplementary information.



ELECTRIC SHOCK

This unit must be completely electrically isolated before any panels are removed. Check mains supply and control connections.



ROTATING PARTS

This unit contains fast moving rotational parts which may start automatically. It is the sole responsibility of the installer to adequately guard these components.



REFER TO INSTRUCTION MANUAL

Read and understand the installation and maintenance manual before installing, operating or maintaining this product.

1.2 Important Information

- **Read these instructions completely and thoroughly before working with the product.**
- **Keep these instructions in a location where they are accessible to all users at all times.**

1.3 Personal Protective Equipment

The following minimum Personal Protective Equipment (PPE) is recommended when interacting with Nuaire products:

- **Protective Steel Toed Shoes** - when handling heavy objects.
- **Full Finger Gloves (Marigold PU800 or equivalent)** - when handling sheet metal components.
- **Semi Fingerless Gloves (Marigold PU3000 3DO or equivalent)** - when conducting light work on the unit requiring tactile dexterity.

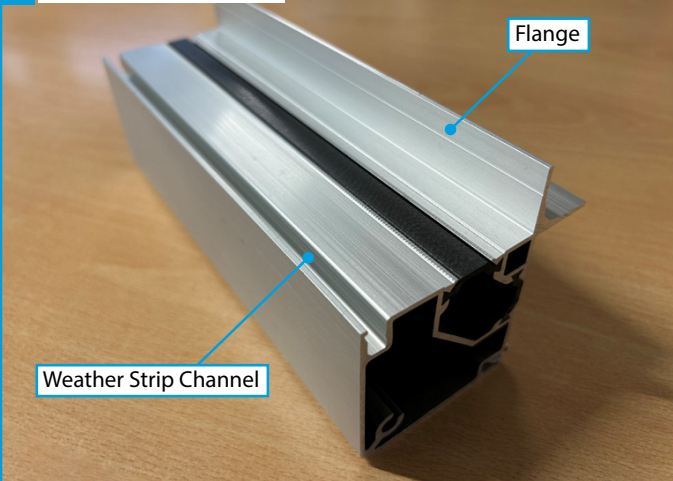
Nuaire would always recommend a site specific risk assessment by a competent person to determine if any additional PPE is required.

2.0 Installation

2.1 Sealing Strip

1. The black sealing strip must first be installed onto inner flange of the frame extrusion around the connection opening (Figure 1).

1 Frame Extrusion Detail



2. Starting at the centre of the lower flange (Figure 2), work your way around the opening, making sure the sealing strip is hammered into all four corners, using a ball-pein hammer (Figure 3).

2 Sealing Strip



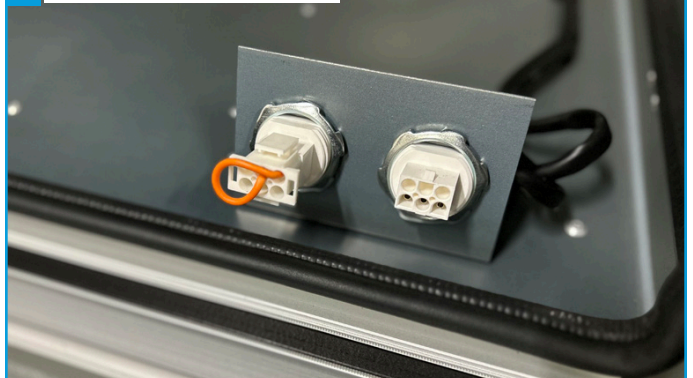
3 Hammer the Sealing Strip into Each of the Corners.



IMPORTANT

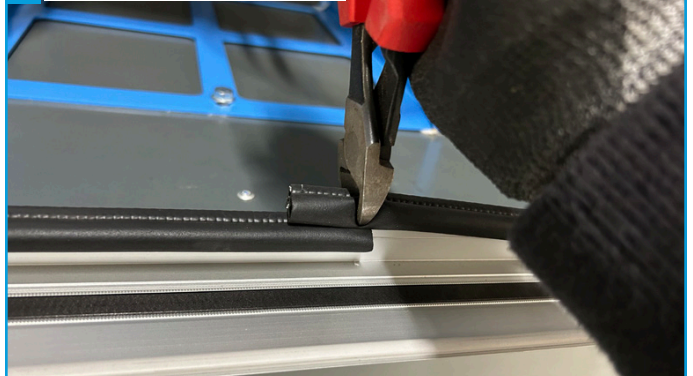
Care should be taken not to damage the cable bulkhead connectors, located near the framework (Figure 4), when installing the sealing strip.

4 Cable Bulkhead Connectors

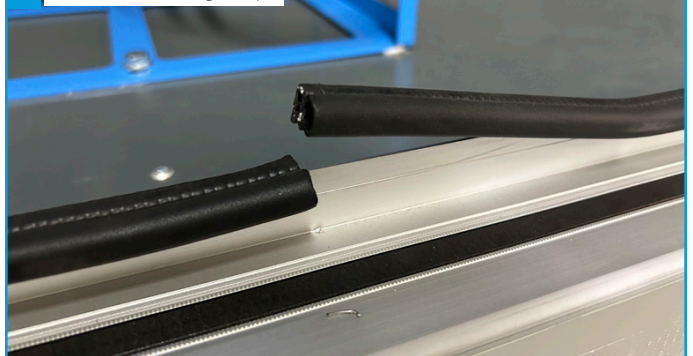


3. When you arrive back to the start of the sealing strip again, trim off the excess using side-cutters. (Figure 5-7).

5 Trim the Excess Sealing Strip



6 Trimmed Sealing Strip



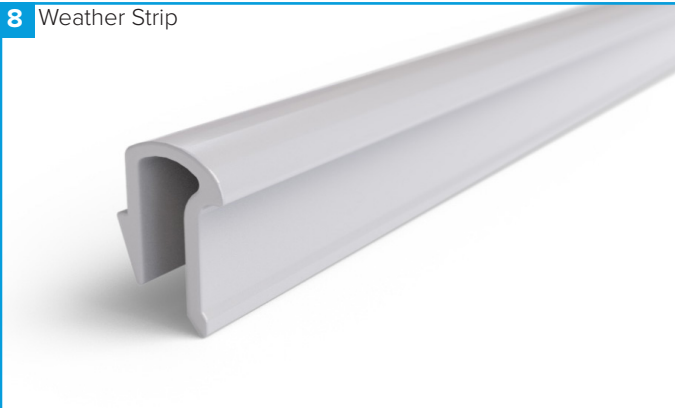
7 End of Sealing Strip Butted-up



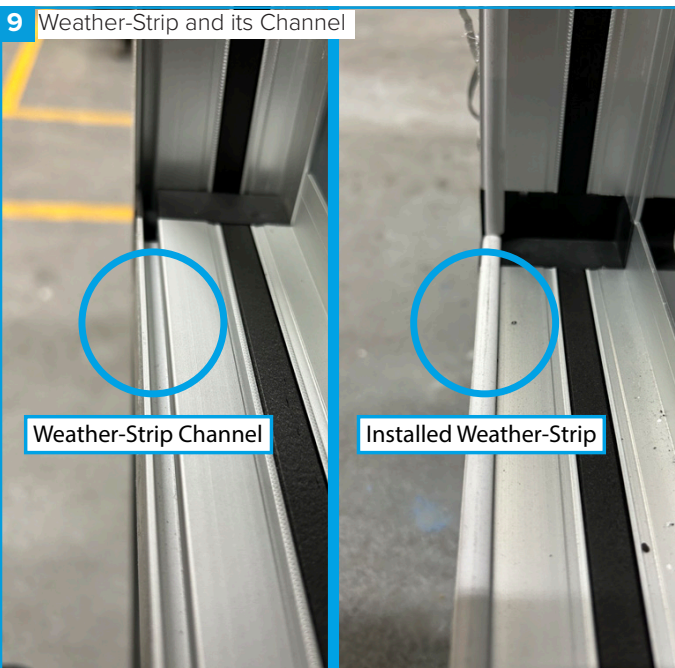
2.2 Grey Weather Strip

1. If the light grey weather-strip (Figure 8) has not yet been installed into the channel provided in the frame (Figure 1), this must be installed, before continuing.

8 Weather Strip



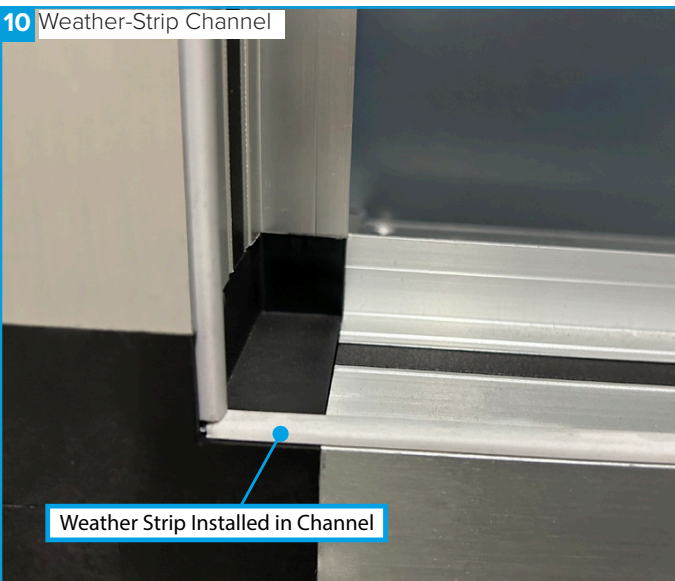
9 Weather-Strip and its Channel



Weather-Strip Channel

Installed Weather-Strip

10 Weather-Strip Channel

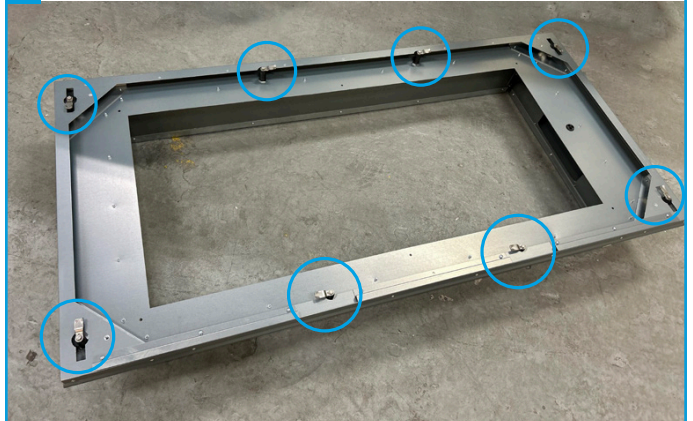


Weather Strip Installed in Channel

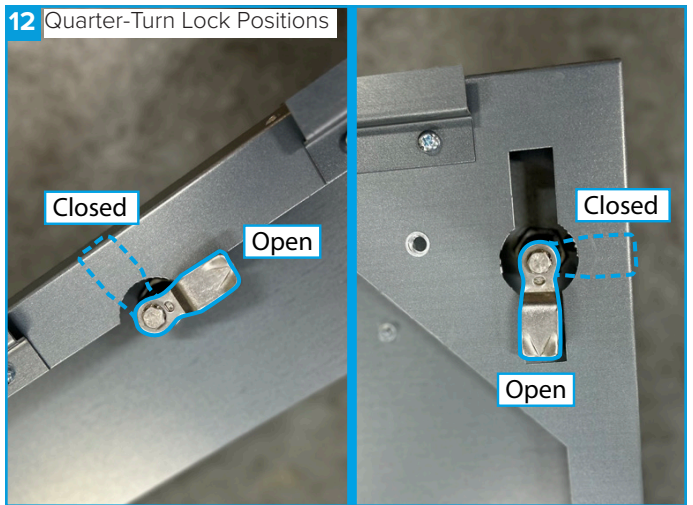
2.3 End Panel

1. Before lifting the end panel into place the quarter turn locks must be rotated into the 'Open' position (Figures 11 & 12).

11 Quarter-Turn Lock Locations



12 Quarter-Turn Lock Positions



Closed

Open

Closed

Open

2. Ensure the return fold located on the back of the end panel, pictured in Figure 13, is located at the top before lifting the panel into place.

13 Return Fold on Top Edge of the End Panel



3. Lift the end panel into place (Figure 14) locating the return strip at the top of the panel behind the frame flange first (1), then pushing in the lower edge of the panel (2).

IMPORTANT

Please observe the correct lifting methods for the weight of the product, using mechanical lifting equipment where appropriate. Lifting lugs (Figure 15) are provided along the top edge of the end panels.

14 Lifting the End Panel in to Place

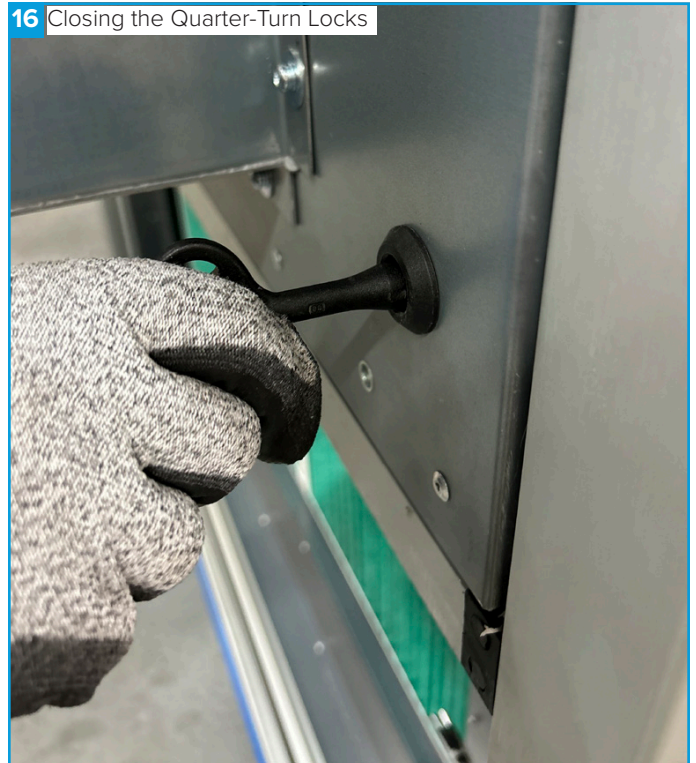


15 End Panel Lifting Lugs

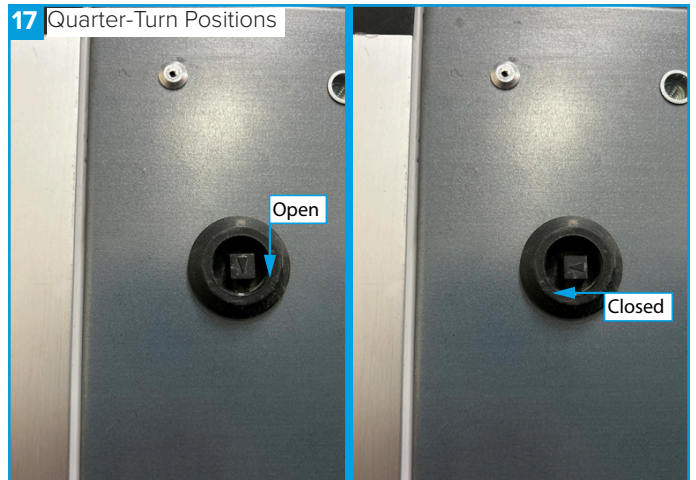


4. Close all of the quarter-turn locks using the key provided (Figure 16) ensuring all locks are now in the 'Closed' position in relation to the end of the panel (Figure 17).

16 Closing the Quarter-Turn Locks



17 Quarter-Turn Positions



IMPORTANT

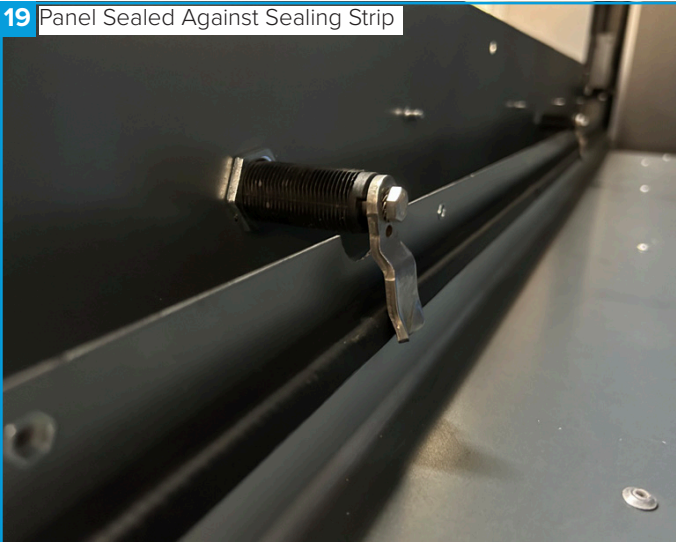
Any ducting, silencers or other similar ancillaries attached to the flange connector must be independently supported by others.

The panel will now be fitted tight against the black sealing strip

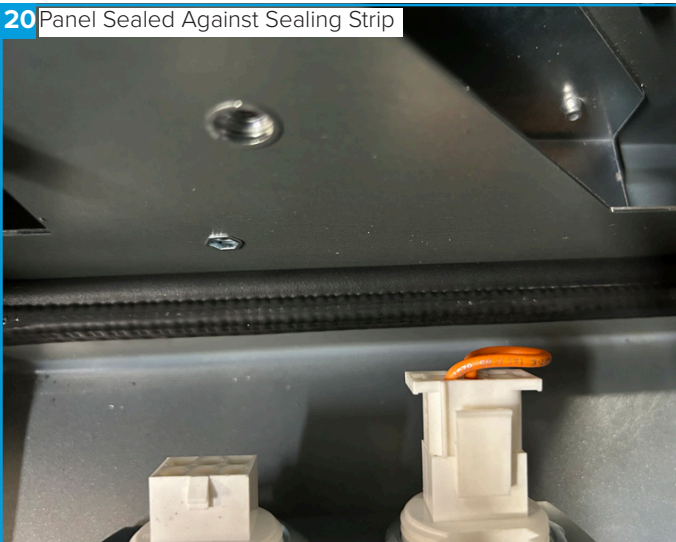
18 Panel Sealed Against Sealing Strip



19 Panel Sealed Against Sealing Strip



20 Panel Sealed Against Sealing Strip



3.0 AFTER SALES AND REPLACEMENT PARTS

For technical assistance or further product information, including spare parts and replacement components, please contact the After Sales Department.

If ordering spares please quote the serial number of the unit together with the part number, if the part number is not known please give a full description of the part required. The serial number will be found on the identification plate attached to the unit casing.

Telephone 02920 858 400
aftersales@nuaire.co.uk

Technical or commercial considerations may, from time to time, make it necessary to alter the design, performance and dimensions of equipment and the right is reserved to make such changes without prior notice.

