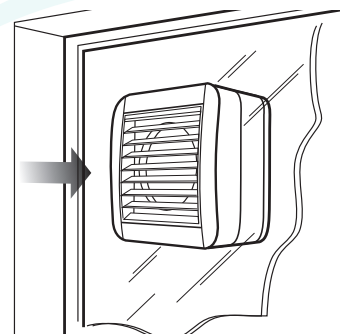


NA100/150-WK

Window kit for NA100XPC and NA150XPC Fans

Installation and Maintenance Manual



1.0 IMPORTANT SAFETY INFORMATION

- Review I&M document 671421 for the relevant installation and safety information for the fan unit.

1.1 IMPORTANT INFORMATION

This manual contains important information on the safe and appropriate assembly, transport, commissioning, operation, maintenance, disassembly and simple troubleshooting of the product.

While the product has been manufactured according to the accepted rules of current technology, there is still a danger of personal injury or damage to equipment if the following general safety instructions and the warnings contained in these instructions are not complied with.

- **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.**
- **Always include the operating instructions when you pass the product on to third parties.**

1.2 PERSONAL PROTECTIVE EQUIPMENT

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

- **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.
- **Safety Glasses:** When conducting any cleaning/cutting operation or exchanging filters.
- **Reusable Half Mask Respirators:** When replacing filters which have been in contact with normal room or environmental air.

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

2.0 INTRODUCTION

2.1 WINDOW KIT PARTS CHECKLIST

Description	Quantity
External Frame	1
50mm-long Screws	4
Fixed Grille/Gravity Shutter	1
Intermediate Casing	1
Bushes	4

3.0 INSTALLATION

1. Employ a qualified glazier to cut a Ø120mm hole in the glass for the NA100XPC or Ø175mm for the NA150XPC. Alternatively replace your window with new glass incorporating a precut hole.

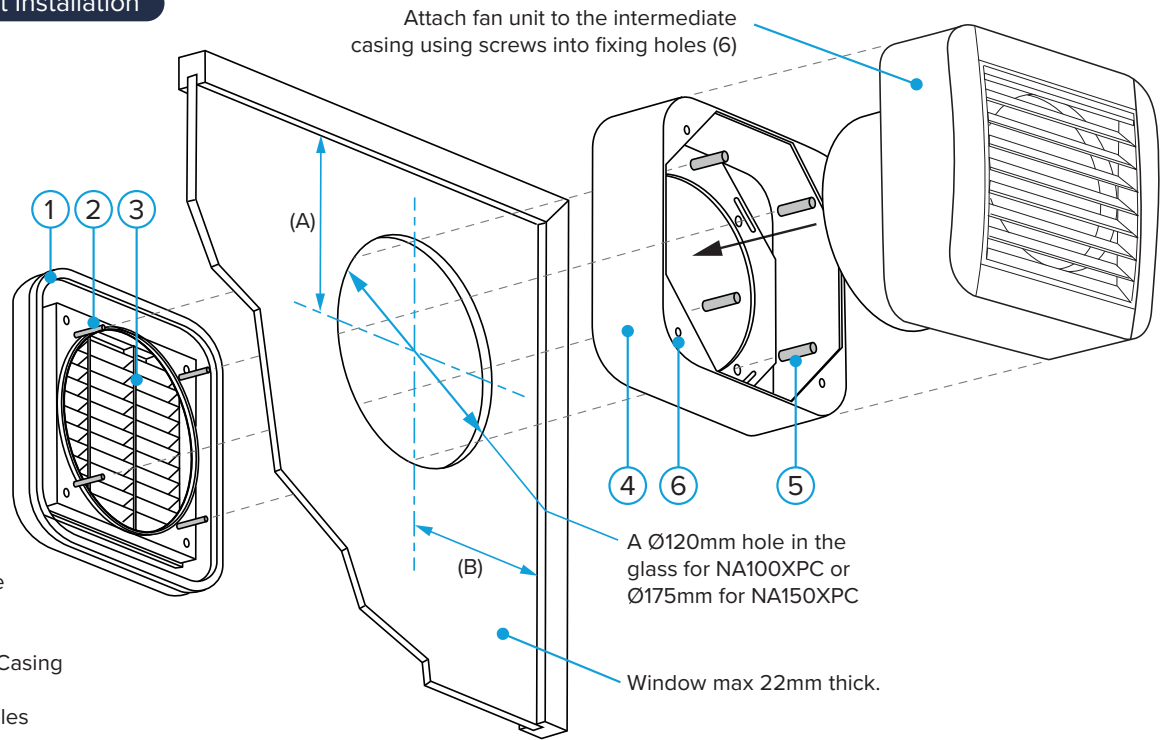
Ensure that the hole in the glass is at least 82mm from the edges of the window for the NA100XPC and 106mm from the edge of the window for the NA150XPC. See (a) and (b) in Fig 1 on page 2.

2. Position the outside frame/grille (1 and 3) on the outside of the window aligning it with the intermediate casing (4) which should be positioned on the inside of the window. If only one person is installing the fan it may be helpful to tape the assembly to the outside glass at this stage during installation as other fixings and assembly are completed from inside.
3. Fix the outside frame/grille (3) and intermediate casing (4) together using the four bushes (5) and the screws provided.

Do not over tighten, as this could cause the glass to crack or the intermediate casing to distort.

4. Wire the fan unit in accordance with the appropriate wiring diagram utilising the cable clamp provided inside the case (see installation document 671421), then fit the front grille back onto the fan unit as detailed.
5. Fix the fan unit to the intermediate casing using screws into fixing holes (6)

The remaining installation procedures for Window Mounting are as Surface Mounting description (see installation document 671421).

Fig 1: Window Kit Installation

Key:

1. Outside frame
2. Fixing Screws
3. Outside Grille
4. Intermediate Casing
5. Bushes
6. Fan Fixing Holes

4.0 END-OF-LIFE AND RECYCLING

Ensure that Nuaire product is made safe from any electrical / water / refrigerant supplies before dismantling commences. This work should only be undertaken by a qualified person in accordance with local authority regulations and guidelines, taking into account all site based risks.

Where possible Nuaire use components which can be largely recycled when the product reaches its end-of-life:

- Fans, motors, controls, actuators, cabling and other electrical components can be segregated into WEEE recycling streams.
- Sheet metal parts, aluminium extrusion, heating/cooling coils and other metallic items can be segregated and fully recycled.
- EPP, plastic ducting, nylon corner pieces, plastic heat exchangers, packaging material and other plastic components can be segregated into mixed plastic and widely recycled.
- Cardboard packaging, wood, used filters and other paper components can be largely recycled or fully processed in energy from waste centres.
- Remaining Items can be further segregated and processed in accordance with the zero waste hierarchy. Please call After Sales Support for further information on items not listed above.

5.0 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.



6.0 NOTES