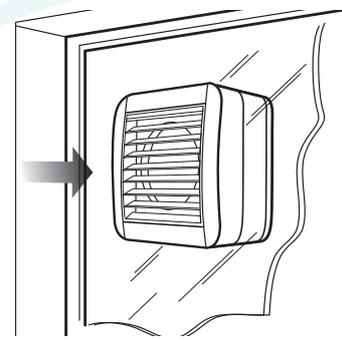


NA100/150-WK

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 Nuairé 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.

Nuairé 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 $\varnothing 120\text{mm}$ hole in the glass for the NA100XPC or $\varnothing 175\text{mm}$ 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).

