

# DRI-ECO-NOX USER GUIDE



## YOUR HOME HAS BEEN FITTED WITH A DRI-ECO-NOX VENTILATION UNIT.

This unit sits in your loft and provides fresh air to the whole of your home, whilst filtering any harmful outdoor air pollutants. The Dri-Eco-Nox unit will significantly improve indoor air quality, ensuring your home is a healthy and happy living environment.

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## SAFETY INFORMATION

During maintenance, isolate the unit from the power supply.

Carbon filters/pellets are not to be ingested, ensure hands are thoroughly washed after handling.

Precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other fuel-burning

To ensure efficient filtration of particulate matter, replace the air filters every 5 years as per our recommended maintenance.

To ensure levels of NO<sub>2</sub> are being reduced, the carbon filters should be replaced every 2 years as per our recommended maintenance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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.

## PERSONAL PROTECTIVE EQUIPMENT

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

- **Full Finger Gloves (Marigold PU800 or equivalent)** - when handling sheet metal components or knives. When using silicone, Butyl rubber gloves (0.4mm) are recommended.
- **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.

## FREQUENTLY ASKED QUESTIONS

### HOW DOES THE DRI-ECO-NOX WORK?

Dri-Eco-Nox introduces a continuous supply of fresh, filtered air into the home - improving indoor air quality and removing harmful air pollutants such as NO<sub>2</sub> from car fumes and industrial processes. This technology also alleviates the build up of condensation, which can eventually lead to damp and mould growth.

Your unit is installed in the loft and draws air through its filters. Air is forced through a diffuser in the ceiling which creates a positive pressure throughout the home, eventually forcing air pollutants out through natural gaps such as windows, doors and the letterbox.

This technique, known as Positive Input Ventilation (PIV), was invented by Nuaire in 1972 and is the UK's most popular way of improving indoor air quality and removing condensation dampness from the home. The inclusion of a Nox filter on your unit ensures that no hazardous particles can enter the home.

### HOW DO I OPERATE THE UNIT?

When your unit was installed, it would have been set up to meet the requirements of your home. Unless filters need changing or the unit needs to be maintained, minimal interaction is required and you can leave the unit alone to ventilate your home trouble-free.

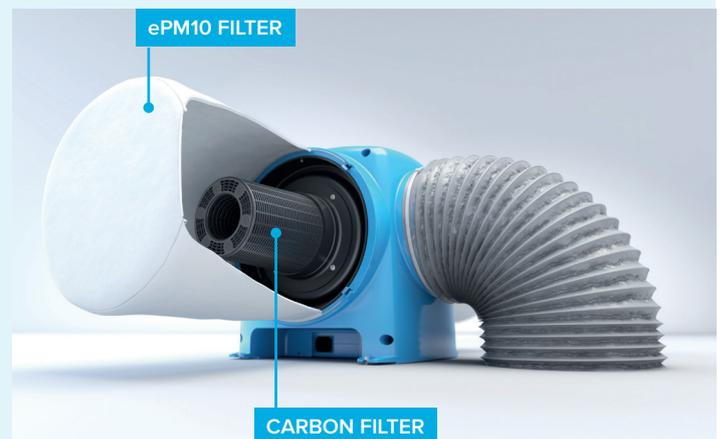
### HOW MUCH DOES A DRI-ECO-NOX COST TO RUN?

To run the unit, electrical consumption would (typically) be 2p per day.

### WHAT MAINTENANCE IS REQUIRED?

To maintain the optimum performance of your Dri-Eco-Nox the filters must be kept clean and clear. The light on the diffuser of your unit will let you know when filters need changing.

- **2x ePM10 filters should be visually checked every 2 years and changed every 5 years at a minimum.** The unit display will show the letter 'C' once this time has elapsed.
- **Change carbon filters every 2 years**, failure to do so may impair the performance and efficiency of this unit.



The replacement filters will arrive in re-usable packaging with a prepaid returns label to return the used filters. These filters are then disposed of by a professional waste to energy company as our commitment to our Green Credential policy.

We recommend appropriate Personal Protective Equipment (PPE) should be worn during this process. Precautions may also be needed to protect the surrounding area from excess carbon residue. Please wash hands thoroughly after handling the carbon filters.

Please take note of the product code stated on the unit when ordering replacement filters. Refer to the I&M for instructions on how to replace the filter and reset this function. Refer to Installation and Maintenance Instructions for disposal information.



**If I need some advice, who do I contact?** Nuaire have a team of technical experts on hand to help. Our operating hours are 9am to 5pm Monday to Friday (excluding Bank Holidays) contact us on 029 2085 8400 (option 2). When calling Nuaire, if possible, please check your fan for the serial number located on the fan label.