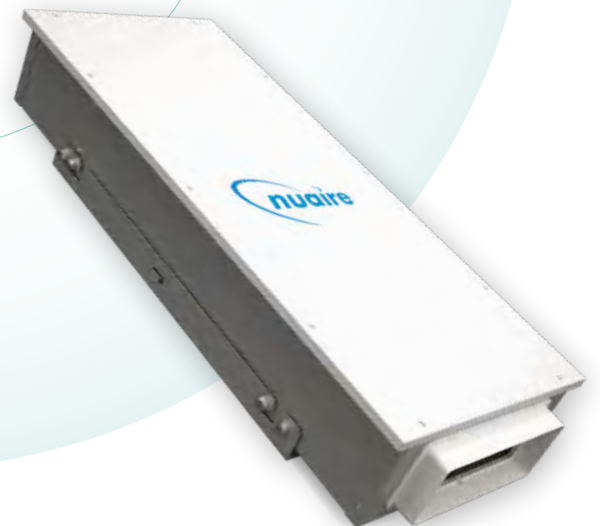




THE  
**Q-AIRE**  
RANGE



# Improving Air Quality

Nuaire is a market leader in the design and manufacture of fans and ventilation systems. We put our energy into efficient ventilation so you don't waste yours.

With concerns over rising air pollution, Indoor Air Quality (IAQ) has quickly become a serious subject for the building industry. As such, an Air Quality report must now be produced at planning stage, making this issue one that cannot be ignored.

Nuaire are committed to overcome the issues associated with air pollution by continuing to develop innovative products to keep air pollution out of the home and protect those in polluted areas to safeguard not only their homes, but their health.

With an increasing focus on Indoor Air Quality, particularly in urban areas where high levels of NO<sub>2</sub> are being measured, higher levels of filtration are required to meet the World Health Organisation (WHO) guidelines.



## Technical Advice

Compliance on SAP PCDB. Stay ahead of the latest building regulations and make the best product and fabric choices.



## The Full Service

Help with product selection, detailed parts lists and fast delivery ensure you meet your deadline and budget.



## Bespoke Design

Services providing a simple, quick selection or offering advice on compliance with the very latest building regulations and environmental issues.

## Our people

are at the heart of Nuaire; we have more than

**400 experienced staff based at our headquarters,**

*65 technical sales engineers throughout the UK and Ireland.*

Nuaire is a British company that designs and manufactures innovative ventilation products for the residential and commercial sectors. We are proud to be recognised for our expertise, commitment to innovation and the outstanding quality of our products and customer service.



**Proud to Build British**

# IAQ-PURGE

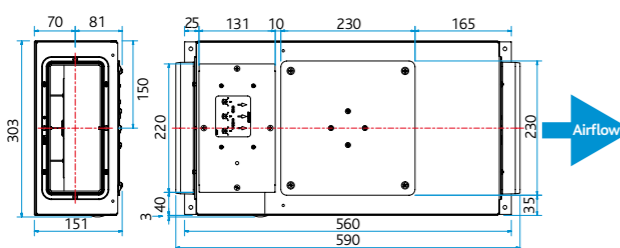
## High performance purge ventilation

The IAQ-PURGE has been designed to provide purge ventilation for rapid removal of stale odours and poor quality air from the dwelling to create a healthier living environment or to help combat over-heating problems.

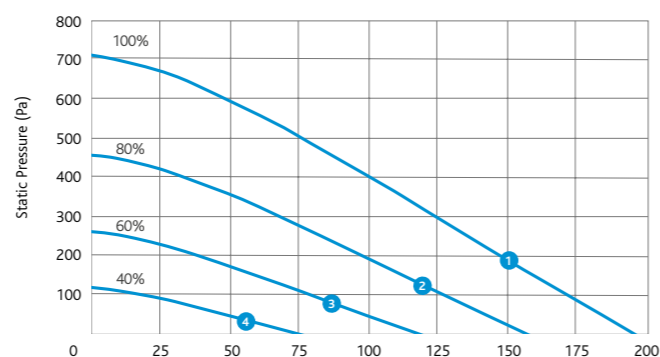
It provides mechanical purge when required, independently or in conjunction with Nuair's MVHR systems.



## Dimensions (mm) - IAQ-PURGE



## Duty graph



## Electrical & sound

Curve	Maximum power consumption (Watts)		Sound Power Levels dB re 1pW (Frequency Hz)								dB(A) @3m
			63	125	250	500	1k	2k	4k	8k	
1	113	Open inlet	62	61	68	75	71	65	56	51	44
		Open outlet	65	64	74	83	74	72	65	60	
		Breakout	66	65	63	62	53	49	40	31	
2	58	Open inlet	57	56	63	70	66	60	51	46	39
		Open outlet	60	59	69	78	69	67	60	55	
		Breakout	61	60	58	57	48	44	35	26	
3	24	Open inlet	51	50	57	64	60	54	45	40	33
		Open outlet	54	53	63	72	63	61	54	49	
		Breakout	55	54	52	51	42	38	29	20	
4	7	Open inlet	57	54	58	61	51	45	36	31	31
		Open outlet	60	57	64	69	54	52	45	40	
		Breakout	61	58	53	48	33	29	20	<16	

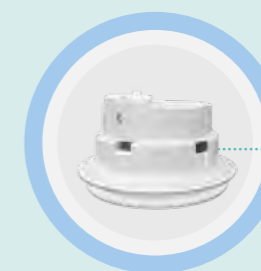
Please note: Sound data is provided at a particular duty point for 40%, 60%, 80% and 100%. For accurate sound data at a specific speed duty, please use Nuair's fan selector or call the office on 029 2085 8500.

## Consultant Specification

- ▶ The unit shall be fully insulated providing thermal characteristics.
- ▶ The motor and controls shall be accessible via the bottom access panels, enabling quick and easy maintenance.
- ▶ The unit shall have three independently variable speed settings.
- ▶ The unit shall have low energy, high efficiency EC fan/motor assembly suitable for an ambient temperature of 50°C the impellers shall be backward curved centrifugal type.
- ▶ The unit shall be suitable for 220mm x 90mm ducting.
- ▶ The breakout noise level and power requirements shall be as detailed by the unit manufacturer and in accordance with the ventilation equipment schedule.
- ▶ The unit shall be offered with a 5 year warranty. 1 year parts and labour, remaining years parts only.

## Ancillaries

Q-AIRE-V125 Supply and Extract Valve



Q-AIRE-V125

Supply & Extract Valve

## Features and benefits

- ▶ Handles duties up to 200l/s
- ▶ The most compact size for duty on the market
- ▶ High airflow for purge or overheating ventilation rates
- ▶ All serviceable parts are all accessible from underside
- ▶ Thermally lined for use in supply or extract applications
- ▶ Low profile – only 151mm deep
- ▶ 220mm x 90mm for low resistance duct configurations
- ▶ Three independently controllable speeds
- ▶ Integral mounting bracket/plate
- ▶ 5 Year warranty\*

\*1 year parts and labour, remaining years parts only.

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CF83 1NA

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