

NEW



HAVE MORE FAITH IN COMPLIANCE WITH FAITH-PLUS

EXTRACT FANS

Nuaire's continuously running mixed flow axial fan is designed with social housing in mind, and is the perfect solution for kitchen and wet room applications, providing a cost effective home solution.

Built to achieve the ventilation rates as set out in the latest edition of Part F and L Building Regulations.



COMPLIANCE

Building Regulations Part F1 (1) are set to protect the health of the occupants of the building by providing adequate ventilation. Without adequate ventilation, mould and internal air pollution might become hazardous to health.



Table 1.3 Minimum whole dwelling ventilation rates determined by the number of bedrooms

Number of bedrooms ^(1/2)	Minimum ventilation rate by number of bedrooms (l/s)
1	19
2	25
3	31
4	37
5	43

Notes:

1. If the dwelling only has one habitable room, a minimum ventilation rate of 13 l/s should be used.
2. For each additional bedroom, add 6 l/s to the values in Table 1.3.

Table 1.2 Minimum extract ventilation rates continuous extract systems¹

Room	High rate (l/s)	Continuous rate
Kitchen	13	The sum of all extract ventilation in the dwelling on its continuous rate should be at least the whole dwelling ventilation rate given in Table 1.3.
Utility room	8	
Bathroom	8	
Sanitary accommodation	6	

Note:

1. If the continuous rate of ventilation provided in a room is equal to or higher than the minimum high rate specified in the table, no extra ventilation is needed.

FAITH (bathrooms)

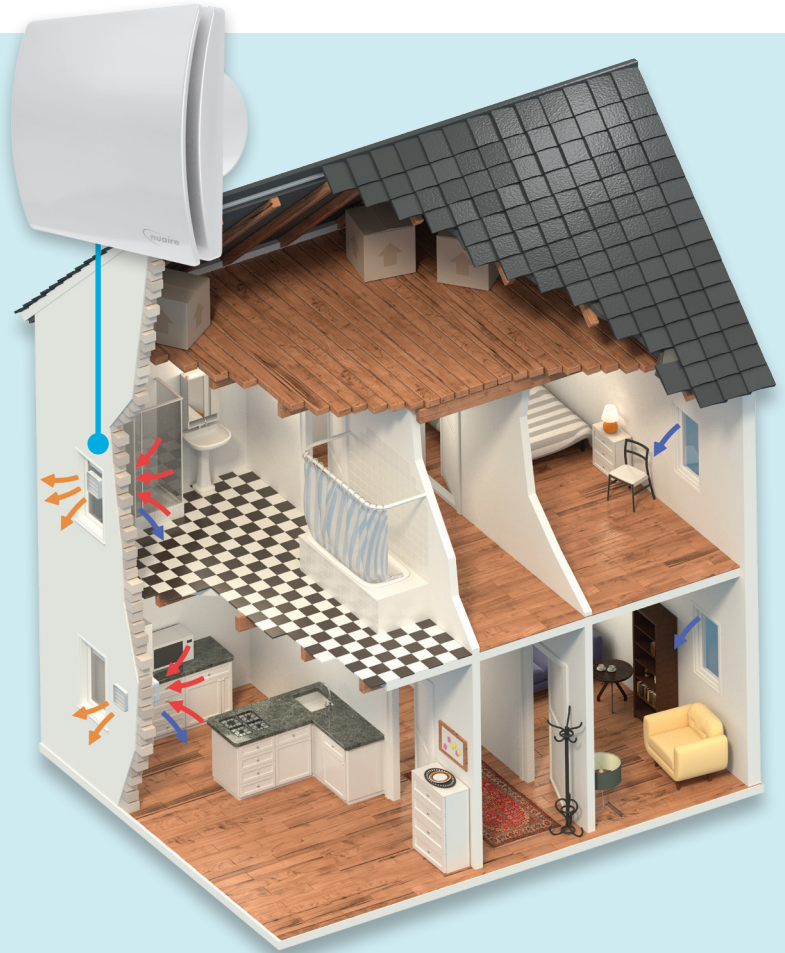
WHOLE DWELLING RATE – CONTINUOUS EXTRACT FANS

EXAMPLE

- Typical 3 bed house requires 31 l/s – “trickle” rate (refer to table 1.3 ADF1 (1) 2021)
- Bathroom – FAITH-PLUS at 13 l/s
- Kitchen - FAITH-PLUS at 18 l/s

Weekly running costs on the above based on 300mm duct, low resistance external wall grille and and maximum boost for 2 hours per day is 28p.

Standard variable from the UK Government (www.gov.co.uk). The average unit price for customers on standard variable tariffs subject to Ofgem’s price cap, 1st July 2023 – 30th September 2023 is 30p (pence per kilowatt hour) for electricity.



FEATURES & BENEFITS

FOR YOU

- ✓ Compliance – Building Regulations ADF & L (2021 edition) – to protect the health of your occupants
- ✓ Listed on the SAP PCDB database
- ✓ Cost effective extract solution
- ✓ Low maintenance and low life cycle costs
- ✓ Monitoring device – detect occupants operation
- ✓ Flexible compliance solution for kitchens, bathrooms, WC & utility areas
- ✓ Suitable for wall, ceiling and window applications
- ✓ Digital control for easy set up and commissioning
- ✓ 5 year warranty – peace of mind

FOR YOUR OCCUPANTS

- ✓ Cost effective running costs
- ✓ Minimal noise levels
- ✓ Trouble free use
- ✓ Contemporary design – occupant acceptability
- ✓ Adequate ventilation protects your occupants health
- ✓ Comfortable & healthy living environment