VENTI

FLUXO

For Habitable Rooms

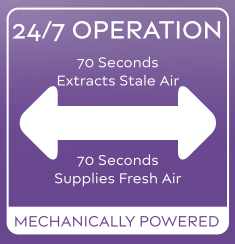
Breathe Better, Live Better with Fluxo

At VENTI, we know fresh air is essential for a healthy, comfortable home. That's why we've created the Fluxo – a smarter, more sustainable way to bring fresh air into your living spaces.

Unlike traditional trickle vents, Fluxo offers continuous, balanced air movement, so your rooms are always filled with clean, fresh air. It's the perfect blend of innovation and simplicity, designed to improve your home's air quality, effortlessly.

Say goodbye to stale air and hello to a fresher, healthier environment with Fluxo – the better way to breathe.

Fluxo: Continuous Mechanical Fresh Air Supply.



HOW FLUXO WORKS

Fluxo is designed for simplicity and efficiency. It operates on a continuous 70-second cycle, drawing in fresh, filtered air from outside before reversing to extract stale air from your home.

Thanks to an innovative heat exchanger at its core, over 82% of the heat is retained, keeping your home warm and energy-efficient, saving you money on energy costs.

For added flexibility, an optional switch lets you set Fluxo to extract-only mode – perfect for quickly cooling overheated rooms.

WHY CHOOSE FLUXO OVER TRICKLE VENTS?

Trickle vents may seem like a solution, but they often create more problems than they solve:

- **Blocked Ventilation:** Homeowners frequently close trickle vents, leading to mould, damp, and condensation.
- **Unwanted Drafts:** Trickle vents let in cold air, insects, and noise.
- **Heat Loss:** Costly warmth escapes through open vents.
- **Unsightly Design:** Trickle vents of up to 900mm are required per room to meet regulations, disrupting the sleek look of premium windows and creating unattractive plastering details.

With Fluxo, you get continuous fresh air without drafts, insects, or compromising your home's aesthetics.

It's the smarter, cleaner, and more efficient alternative.

The Ultimate Balance of Air Flow

Room Type: Habitable Rooms
Product: **FLUXO®**
Operation: Alternate flow of fresh air & extract old air

THE VENTI RETROFIT SYSTEM

- Brings fresh air in
- Extracts humid & stale air out continuously
- 82% of heat recovered
- Running cost extremely low
- Compliance with Document F + PAS2035

Room Type: Wet Rooms
Product: **ARIA®**
Operation: Continuous extract boosting when humidity sensed

WHAT IS REQUIRED TO MEET UPDATED APPROVED DOCUMENT PART F FOR HABITABLE ROOMS?

1 Bed = 19 litres per second
2 Bed = 25 litres per second
3 Bed = 31 litres per second
4 Bed = 37 litres per second
5 Bed = 43 litres per second

Note 1

Calculate total litres per second

Note 2

Total needs to be greater than: total floor metres square x 0.3

If the calculation is less then add additional units in any habitable room

Calculate number of units required

100mm = 8 litres per second

150mm = 17 litres per second

150mm is normally only fitted in Kitchen or very large living space

Plan where each unit will be positioned

Note 3

*for Wet Rooms, use the ARIA units.

Notes:

For more information, please refer to Approved Document Part F Volume I: Dwellings.

1) Table 1.3
2) Section 1.24(a)
3) Units are to be installed as high as practically possible, but no more than 400mm down from the ceiling. The unit needs to be accessible to enable maintenance.

Best practice is to install units in pairs to optimise the balance of air (see above illustration). This best practice is not required to meet Part F regulations.

WORKED EXAMPLE

Step 1: Calculate Total Ventilation Needed

Joe Bloggs has 3 bedrooms in his house. This means he needs a total of 31 litres of air per second.

Step 2: Choose the Right FLUXO Units

Joe can use the FLUXO 100 to move 8 litres of air per second. To find out how many fans he needs, we divide the total air needed by how much one unit can move:**Number of units needed = 31 litres per second / 8 litres per second ≈ 3.8 fans. Since Joe can't have a part of a unit, we round up to 4 units.**

Step 3: Check the House Size

Joe's house has 150 square meters of space. To find out how much air he should be able to move for the whole house: **Needed air = 150 m² x 0.3 litres per second = 45 litres per second.**

Step 4: Can 4 Units Do This?

Now, let's see if 4 units can move 45 litres of air: **Air per fan = 45 litres per second / 4 units = 11.25 litres per second**. But each FLUXO 100 unit moves a maximum of 8 litres per second, which is not enough.

Step 5: What Can Joe Do?

No: Option 1: Add 1 more FLUXO 100 fan (making it 5 units): 5 FLUXO 100 units would move 5 x 8 litres per second = 40 litres per second. That's still not enough (he needs 45 litres per second).

Yes: Option 2: Change to the FLUXO 150: Each FLUXO 150 unit can move 17 litres per second. If Joe uses 4 FLUXO 150 units: **Total air = 4 x 17 litres per second = 68 litres per second.** That's plenty of air!

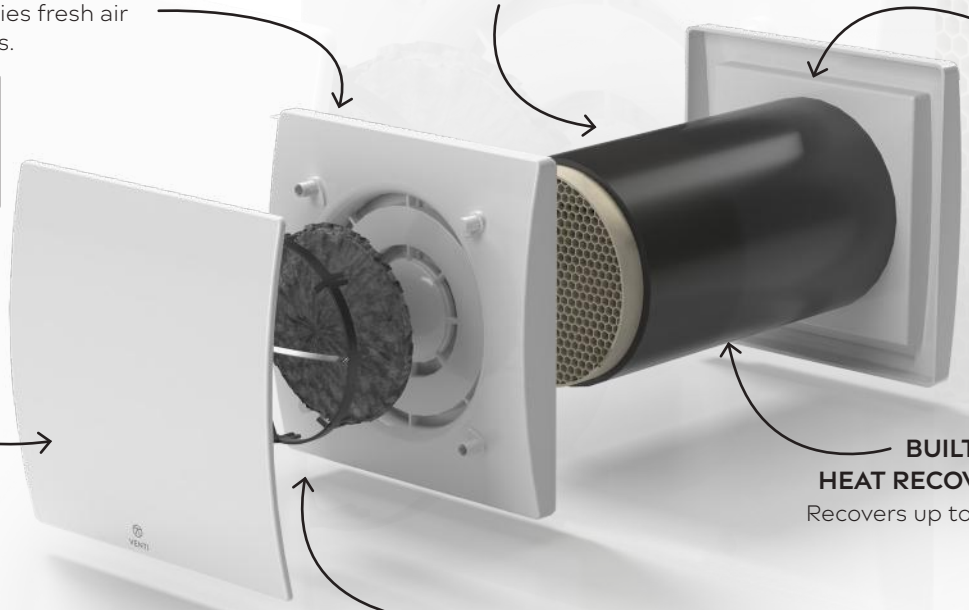
FLUXO by VENTI

FAN POWERED BY BRUSHLESS MOTOR
Extracts stale air for 70 seconds, then reverses and supplies fresh air for 70 seconds.

INSTALLATION
A 100/150mm core through the wall with standard power supply

BUILT-IN INSECT NET

SUBTLE DESIGN
Removable cover plate



BUILT-IN HEAT RECOVERY UNIT
Recovers up to 82% of heat

MAINTENANCE
Removable and washable filter

QUALITY
This product is fully manufactured in Europe using high quality components.

5 year warranty.

COST TO RUN
On average, this unit cost £5 per unit to run per year.

NOISE LEVEL
Very quiet running - from 10db.

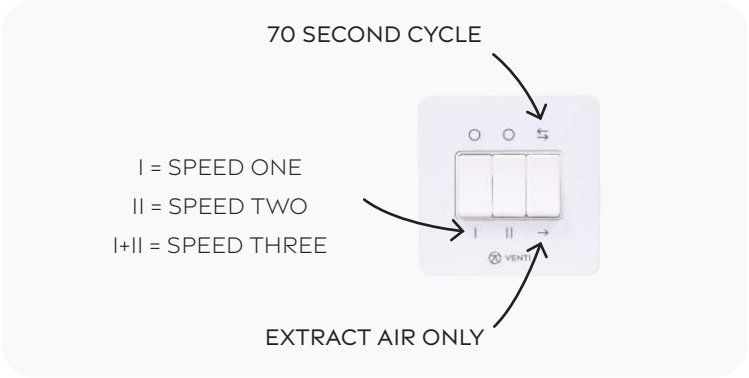
ORDER CODE

Model	Airflow l/s (L/S = Litres per Second)	Power W max	Sound Pressure dB(A) @ 3m	£ Price
FL1-100-WH	3 / 4 / 8	1.2 / 1.7 / 2.6	10 / 15 / 29	£ 295
FL1-150-WH	6 / 11 / 17	1.4 / 2.3 / 3.8	10 / 18 / 26	£ 395

Shown as speed 1,2 and 3

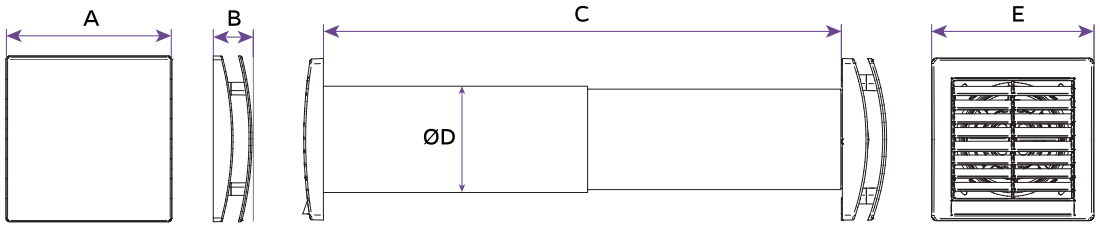
OPTIONAL SWITCH CONTROLLER

Units can be pre-programmed during installation or optional user controller can be used to operate up to 10 units.



DIMENSIONS (MM)

Model	A	B	C	D	E
FL1-100-WH	164	46	300-570	110	164
FL1-150-WH	218	51	300-570	159	218



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