

ARIA® 100 HT HR RF dMEV Retrofit Extract Fan with Humidity Sensor and Run-on Timer



Why ARIA is the Smarter Choice

The **ARIA 100 HT RF** is a **discreet, quiet, continuous-running dMEV (decentralised Mechanical Extract Ventilation) unit**. It's engineered specifically for the challenges of UK home refurbishments, extensions, and hard-to-access properties.

It provides **guaranteed, precise moisture control** in **wet rooms** (kitchens, bathrooms, utility rooms, and toilets). This unit is a far superior choice over conventional intermittent extract fans, actively **preventing condensation, damp, and structural decay**.

This unit forms the essential extract component of the **VENTI whole-house ventilation approach** (designed to work alongside our MVHR units for habitable rooms).

VENTI: Confidence in every breath.

Key Differentiators: Built for Refurbishment Reality

1. Retrofit-Spec (RF) Décor Plate

The fear of mess and ruined décor. Your old fan leaves a mark, but the unique Décor Plate flawlessly hides any mess or paint damage from the previous unit, guaranteeing a clean finish.

2. High-Rise Spec (HR) Inside Access

The high cost and hassle of external access. This fan can be installed and maintained 100% from the inside, eliminating the need for scaffolding, cherry pickers, or costly external work on multi-storey buildings.

3. Continuous-Running dMEV

The '90-Minute Mould Myth'. Standard fans shut off after 15 minutes, but a shower tray needs over 90 minutes to dry. ARIA stays on the job until humidity is gone, ensuring **complete moisture extraction**.

How It Works: Silent Safeguard, Always Working

VENTI ARIA® dMEV HT HR RF

The ARIA operates as a silent safeguard, always working in the background.

1. **Trickle Mode:** In normal mode, the fan continuously draws stale air out of the room on a **whisper-quiet trickle speed**.
2. **Smart Boost:** If the **integrated humidity sensor** detects moisture rising above the pre-set level, the fan automatically ramps up to **boost speed**.
3. **Moisture Elimination:** The fan remains in boost mode until the moisture level returns to normal, then quietly returns to trickle speed.
4. **Additional Control:** Includes programmable **run-on timer settings** and a manual switch activation for an instant boost mode.

The Invisible Threat Reframed: You never *notice* the seatbelts in your car either—until the day you need them. The ARIA is the same: a silent safeguard for your family's shield.

Why Continuous Running is Essential

Ventilation is invisible. Bad air doesn't wave a flag—it just slowly steals your energy, sleep, and health. The **ARIA** acts against the silent failure of intermittent fans.

- **The Problem:** On average, a standard extract fan shuts off after 15 minutes.
- **The Reality:** A high-moisture source (like a shower) takes **over 90 minutes to fully dry**.
- **The ARIA Solution:** Continuous dMEV ensures all moisture, pollutants, and stale air are continuously drawn out, guaranteeing a dry, healthy atmosphere.

FAQs: Addressing Your Invisible Worries

Q: Will installation mess up my newly decorated wet room?

A: No. The **Retrofit-Spec (RF)** model includes a specific **Décor Plate** to flawlessly cover up any marks, holes, or paint damage left behind when removing your old, conventional fan. It's designed to make the cleanup invisible.

Q: I live in a block of flats. Is this feasible without external access?

A: Yes, absolutely. The **High-Rise Specification (HR)** means the ARIA can be installed and fully maintained from **inside the property only**, saving significant cost and hassle on external access and scaffolding.

Q: Is mechanical ventilation noisy?

A: Modern dMEV units are designed for comfort, not just volume. The ARIA operates at a very low decibel level at trickle speed, engineered to be **quieter than the ambient background hum** of a typical home at night.

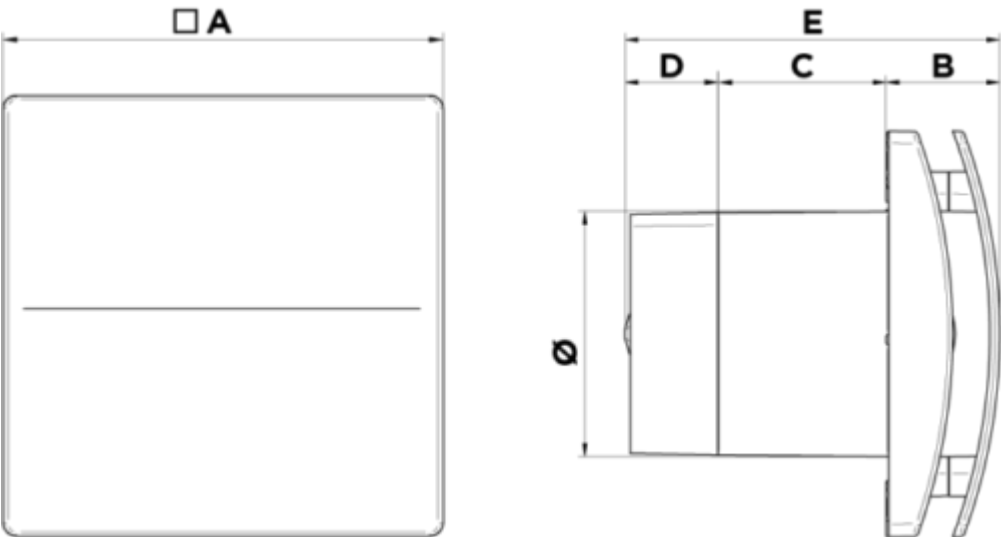
Suitable for

- Retrofit programmes

Features

- Integrated Humidity Sensor
- Programmable Run-on Timer

Specifications



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Ø (mm)	Weight KG
ARIA 100	164	46	70	36	152	99	0.6
ARIA 150	218	52	97	-	149	148	1.2