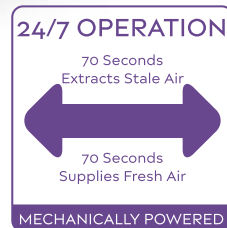




VENTI

AUREN™

Single Room Heat Recovery Ventilation Unit
with Alternating Flow



Why Choose AUREN™?

“Maintain fresh air year-round without sacrificing heat – ideal for retrofitted apartments, offices, or rooms where ducted systems are impractical.”

Key Benefits

✓ Energy Efficiency

- Achieves up to 93% thermal efficiency with ceramic heat exchanger technology
- Reduces heating costs by reclaiming wasted energy

✓ Simplified Installation

- Requires only a 160mm wall bore (20cm min. wall depth)
- No condensation drainage needed

✓ Adaptive Performance

- 4-speed airflow control (3-17 L/s)
- Automatic humidity/twilight sensors (Active/Wireless models)

✓ Low Maintenance

- Washable dual dust filters (ISO Coarse/ePM10 optional)
- Filter replacement alert after 3,000 operational hours

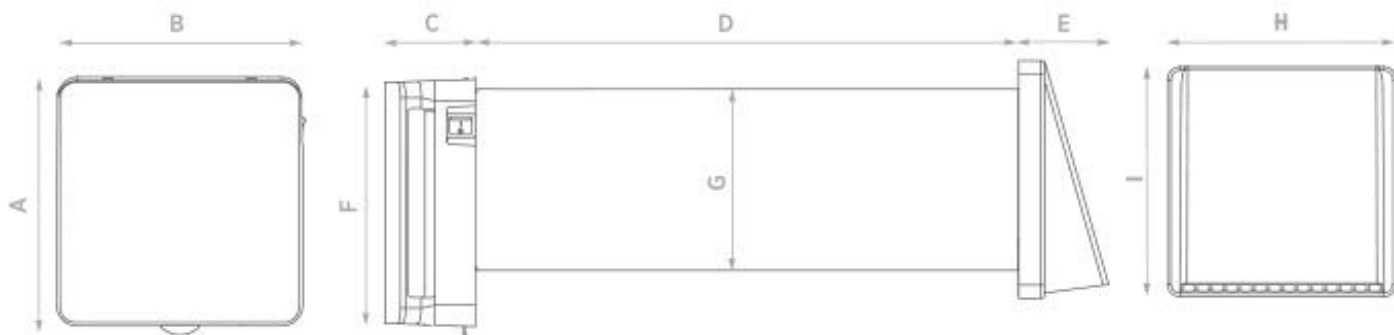
✓ Installation

- **Wall Depth:** Min. 200 mm – Max. 3 m (2.5 m with 90° bend)
- **Duct Length:** 500 mm standard; 700 mm available on request.
- **No Condensate Drain Required**
- **Operating Temperature:** -30°C to +50°C

Operation Principle

- » **70-Second Alternating Flow:** Extracts stale air → heats ceramic exchanger → draws fresh air → recovers heat.
- » **Automatic Humidity Control:** Triggers ventilation at 40%/60%/90% humidity levels.

Dimensions



Model	A	B	C	D	E	F	G	H	I
AUREN 160	220mm	220mm	80mm	500mm	80mm	220mm	160mmØ	210mm	210mm



160mm Wall Bore



Wireless Control



Integrated Wind Cowl

Airflow & Power Consumption

Model	Night Speed	Speed 1	Speed 2	Speed 3	Hole Diameter	Voltage
AUREN 160	3L/s 3.9 W 4 dB(A)3m	6L/s 4.2 W 9 dB(A)3m	11L/s 5.5 W 21 dB(A)3m	17L/s 6.7 W 29 dB(A)3m	160mmØ	220-240 V 50Hz

Installation & Operation



Wall-Mounted Design

- IPX4-rated housing with ABS front cover
- Standard 500mm duct included (700mm optional)
- Integrated External Wind Cowl



Wall-Mounted Design

- Operates in -30°C to +50°C conditions
- Automatic frost protection

Optional Accessories

- **Remote Controls:** TC Base (included), TC Plus, PR Visual Active/Wireless (sold separately).
- **Filters:** ISO Coarse 30%/45%/60%, ePM10 50%.
- **Noise Damper:** Reduces external noise when idle.