AIRWOODS
Building Living Quality

ECO-Comfort Plus



SINGLE ROOM

Heating and Energy Recovery Ventilator

UP TO 97% Regeneration Efficiency

ErP 2018 COMPLIANT

300W PTC Heater Integrated

Suitable for **10–20 m²**

25°C Temperature Rise

Energy Recovery

- Patented ceramic energy regenerator
- Integrated 300W PTC heater for cold climates
- Reliable ventilation down to -35°C
- Reversible duct fan with low energy consumption
- Smart control: WiFi, remote, and side button

Purification

- G3 + F7 dual filtration
- Flexible through-wall installation *(410–760 mm wall thickness)*
- Auto shutter for backdraft protection
- Internal installation supported
- Multiple safety protections

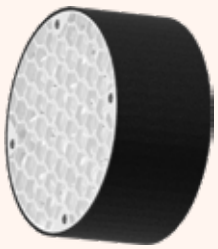
Heating

Five Working Modes

Green Light	*Supply Mode*	**Purple Light**	*Regeneration + Heating Mode (workable at -35°C~15°C)*
Blue Light	*Regeneration Mode*		
Yellow Light	*Supply + Heating Mode*	**Red Light**	*Exhaust Mode*

Patented Ceramic Energy Regenerator

- Spiral airflow design for enhanced heat transfer
- Long heat storage duration for stable supply air
- Antibacterial, corrosion-resistant ceramic material
- Non-combustible & mould-proof
- 10+ years service life
- Washable & reusable

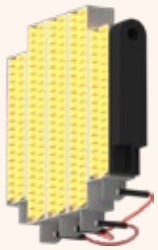


Reversible DC Fan

- 3-speed DC motor fan for efficient ventilation
- Ultra-quiet operation from 33 dB(A) @1.5 m
- Automatic airflow reversal every 75 seconds
- Low energy consumption
- Ball-bearing motor for long service life



Integrated PTC Electric Heater



- Built-in 300W PTC heater for cold climates
- Reliable operation down to -35°C
- Supply air temperature rise up to +25°C
- Self-regulating PTC technology
- Multiple safety protections

Air Filtration System



The G3 + F7 dual filtration system effectively removes airborne pollutants.

- 50 mm thick F7 filter
- Reduced airflow resistance
- Lower fan noise and energy consumption
- Effective PM2.5 filtration

Magnetic Mounting for Easy Maintenance

The indoor unit is mounted via magnetic brackets for quick installation and easy removal—ideal for cleaning, maintenance, and filter replacement.



Auto Shutter

When the unit stops, the shutter automatically closes to prevent dust and cold air from entering, improving airtightness and indoor comfort.



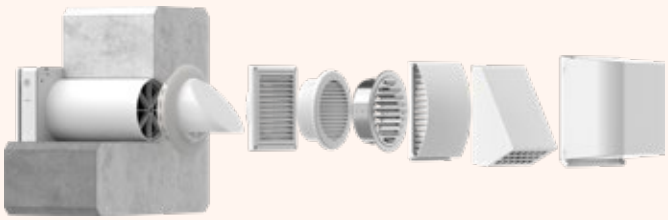
Smart Control



- WiFi control via Tuya App
- Remote controller
- On-board button control
- Optional CO_2 sensor for automatic ventilation
- Outdoor temperature detection
- Filter alarm/Fault alarm
- Timer OFF
- Sleep Mode
- Optional negative ions generator
- Remote OTA update

Adaptable with Different Outer Hoods

Compatible with various outer hoods to meet diverse exterior wall design requirements.



Technical Parameters

Model: AV-ETTW5-DF			
Power Supply	200-240V AC/50-60Hz	Input Power of Ventilation Mode (W)	8
Airflow in Supply Mode (L/M/H) (CMH)	20/40/50	Heater Power (W)	300
Airflow in Heating Mode (L/M/H) (CMH)	20/40/50	Temperature Rise (°C)	25
Airflow in Regeneration Mode (L/M/H) (CMH)	10/20/25	SEC Class	B
Sound Pressure Level dB(A)	28.7	Diameter of Duct (mm)	158
Ingress Protection Rating	IPX4	Product Size (mm)	239.6x258x629.7
Regeneration Efficiency (%)	≤97	Net Weight (kg)	3.7

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