



ECO-PAIR 1.2

SINGLE ROOM

ENERGY RECOVERY VENTILATOR

- ✓ *Top Air Inlet/Outlet*
- ✓ *New Structure Design*
- ✓ *New Control Function*
- ✓ *Multiple Functional Versions Available*



97% up to

Regeneration Efficiency

Suitable for **10~20 m²** rooms

-  Elegant decorative front panel
-  Reversible fan with low energy consumption
-  Auto shutter to prevent air back drafting
-  Installation can be done internally
-  Wireless pairing operation function optional

-  Silent operation
-  Mold prevention
-  F7 [MERV 13] filter optional
-  Humidity control optional
-  WIFI function optional



REVERSIBLE DC FAN

The reversible axial fan is with EC technology. The fan is characterized by low power consumption and silent operation. The fan motor has built-in thermal protection and ball bearings for long life. The fan is installed inside the duct for silent operation.



AUTO SHUTTER

Auto shutter can prevent the insects entering and the cold air flowing backward when the unit stops. It's top air outlet for uniform air supply.



HIGH EFFICIENCY ENERGY REGENERATOR

The high-tech ceramic energy accumulator with a regeneration efficiency of **up to 97%** ensures heat recovery from the exhaust air to heat or cool the supply air flow.

The ceramic regenerator is treated with an antibacterial composition to prevent bacterial growth inside. Both honeycomb type and heat storage ball regenerator are optional.



OPTIONAL WIRELESS PAIRING OPERATION

- Wireless Control No Extra Controller
- No Extra Costs for Installation
- No Impact On Decoration



OPTIONAL WIFI FUNCTION

The remote control is standard, while WIFI function is optional. It has the functions of running mode selection, fan speed control, filter alarm, backlight off, timer, weekly schedule, pairing operation and optional humidity control. It works with Tuya APP and can connect with Tuya network appliances.



TECHNICAL PARAMETERS

Model	AV-TTW6E
Voltage	100V-240V AC /50-60Hz
Air Flow in Supply/Exhaust Mode (L/M/H) (CMH)*	20/43/60
Air Flow in Supply/Exhaust Mode (L/M/H) (CFM)*	11.8/25.3/35.3
Air Flow in Regeneration Mode (L/M/H) (CMH)*	10/21.5/30
Air Flow in Regeneration Mode (L/M/H) (CFM)*	5.9/12.7/17.6
Max Airflow (under fan boost mode) (CMH)*	70
Max Airflow (under fan boost mode) (CFM)*	41.2
Input Power (L/M/H) (W)	6.3/7.2/8.2
Current (A)	0.05/0.06/0.07
Noise (ISO2745-2012) dB(A)	≤ 35.7
Max RPM	2200
Regeneration Efficiency (%)	≤97
Ingress Protect Rating	IPX2
SEC Class	A
Diameter of Duct (mm)	158
Product Size (mm)	230×243×499.7 (The length of duct in wall is 280-470 mm)
Weight (kg)	4.2
Humidity Control Function	Optional
F7 Filter	Optional (The airflow will be reduced with F7 filter.)

*Note: If the wall thickness is not within 280-470mm, please contact our sales to customize the length of duct.