

ECO-PAIR PLUS

# ENERGY RECOVERY VENTILATOR

for Thin Wall Design

Suitable for  
**10~20 m<sup>2</sup>**  
rooms

**15** DOWN TO  
**CM**  
Adapts to Wall  
Thicknesses



**97** up to  
**%**

Regeneration  
Efficiency



Suitable for wall  
thickness >15cm



Suitable for wall  
thickness >22cm



## Features

- Elegant decorative front panel
- F7 (MERV13) filter for AV-TTW5-W (NC7IE22)
- Reversible fan with low energy consumption
- Auto shutter to prevent air back drafting
- Different panel/ outer hood design is optional
- Silent operation
- CO<sub>2</sub>/ humidity control
- Wireless pairing operation
- Mold prevention
- Free cooling function

## Product Configurations

Model	AV-TTW5-W	AV-TTW5-W
Code	NC7IE22	NC7IEB15
Suitable wall thickness (mm)	220-360	150-250
Honeycomb regenerator	√	×
High efficiency ball regenerator	Δ	√
F7 (MERV13) filter	√	×
Primary filter	√	√
CO <sub>2</sub> sensor	√	√
Humidity sensor	Δ	Δ
WIFI function	√	√
Wireless pairing function	√	√
Remote control	√	√
Multiple pairing operation	Δ	Δ
Negative ions function	Δ	Δ
Plastic hood	Δ	Δ
Metal outer hood	Δ	Δ

**Note:** "√" Standard, "Δ" Optional, "×" Not available. Standard model doesn't include the outerhood.



Front Panel of White



Front Panel of Black



Metal Outer Hood



Plastic Hood

## Technical Parameters

Model	AV-TTW5-W	AV-TTW5-W
Code	NC7IE22	NC7IEB15
Voltage	100V-240V AC /50-60Hz	100V-240V AC /50-60Hz
Air flow in supply/ exhaust mode (L/M/H) (CMH)*	20/40/50	60/70/80
Air flow in supply/ exhaust mode (L/M/H) (CFM)*	11.8/23.5/29.4	35/41/47
Max airflow (under fan boost mode) (CMH)	60	85
Max airflow (under fan boost mode) (CFM)	35	50
Input power (L/M/H) (W)	6/7/7.8	7.9/10.8/12.1
Current (A)	0.06	0.063
Noise 3m dB(A)	≤ 31	≤39
Max RPM	2200	2800
Regeneration efficiency (%)	≤97	≤97
Ingress protect rating	IPX4	IPX4
SEC class	A	A
Diameter of duct (mm)	158	158
Product size (mm)	239.6×258×297.2 (The length of duct in wall is 220-360 mm)	239.6×258×227.2 (The length of duct in wall is 150-250 mm)
Net weight (kg)	4.2	4.3