



SIMPLICITY AND COMFORT DESIGN

 SHENZHEN CHIC TECHNOLOGY CO., LTD.

 AIRFLOW UP TO 60M³/H

 ENERGY SAVING

 WIFI AND REMOTE CONTROL

VT501 WIFI 
SINGLE ROOM HEAT RECOVERY VENTILATOR

KCVENTS

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SINGLE ROOM HEAT RECOVERY VENTILATOR





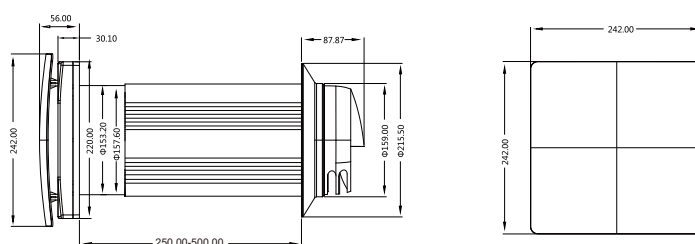
VT501 WIFI

SINGLE ROOM HEAT RECOVERY VENTILATOR

TECHNICAL SPECIFICATIONS

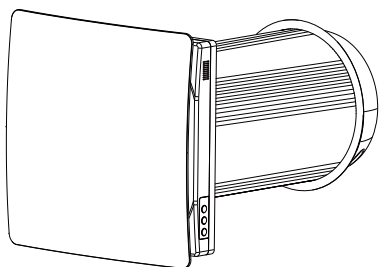
Ventilation Rates	28/32/35 CFM
Heat Recovery Efficiency	up to 90%
Humidity Recovery	20-30%
Specific Fan Efficiency	0.06-0.17 W/cfm
Ventilation System Efficiency	0.10 Wh/m ³
Filter	G3 or optional HEPA
Sound Levels	20.0 dB/ 24.0 dB /30.0 dB

DIMENSIONS (mm)

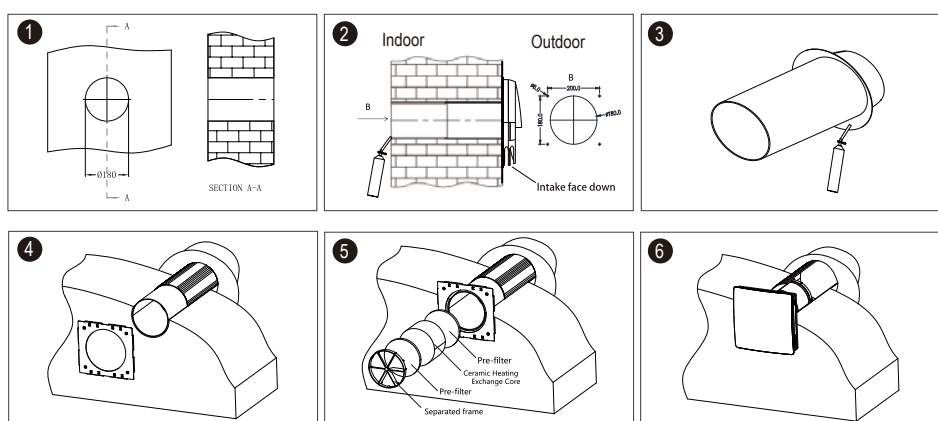


Diameter Unit	150 mm
Exterior Tube Diameter	163 mm
Wall Thickness	standard : 250 mm-450mm
Installation Tube (can be cut)	250 mm to 450 mm
Inside Cover	242 mm x 242 mm

-  Supply clean fresh air to the premises
-  Low energy demand
-  Prevent penetration of excessive humidity and appearance of mould
-  Low noise level
-  Clean intake air from dust, insects, exhaust fumes
-  Recover heat and provide indoor humidity balance



VENTILATOR MOUNTING

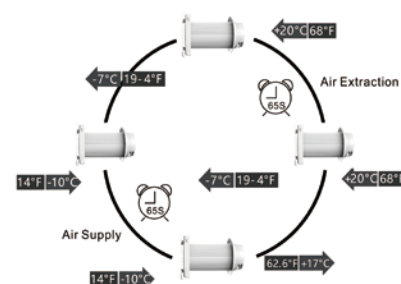


- Supply air or suck bad air out.
- Heat recovery, low power consumption.
- EC energy saving motor, 3 modes operation.
- Remove damp and odour from home.
- Low noise operating, enjoy great sleeping.

Working Principle

The basic unit is a through wall fan, with a ceramic regenerative heat exchanger behind it. These fans provide continuous ventilation without the need for duct-work and are installed directly in the exterior wall.

The fan's heat recovery is possible thanks to a ceramic core that is charged in a 65 seconds cycle. To learn about how VT501 heat recovery works, watch our short video introduction to the VT501 Recuperator.

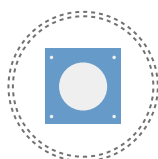


VENTILATOR DESIGN

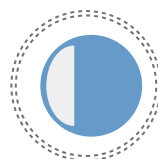


Front Panel

Mounting Plate



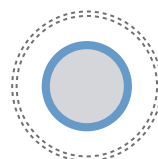
Rubber Ring



EC Fan



Retractable Ducting



Filters

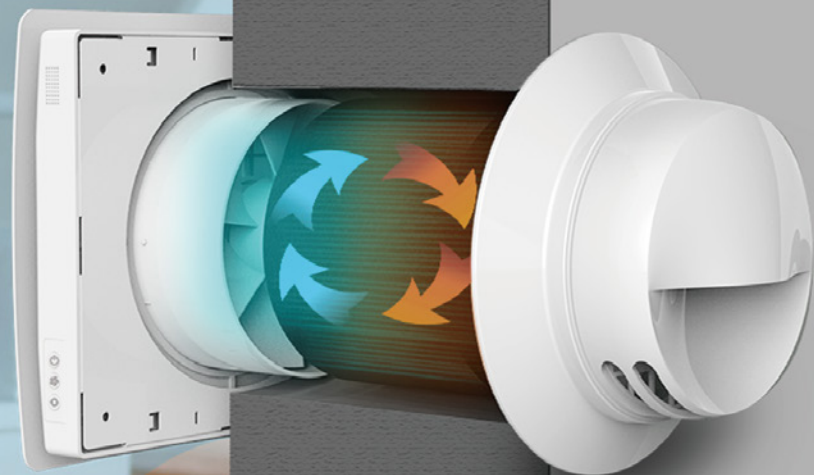
Ensure air filtration and prevent ingress of dust and foreign objects into the regenerator and the fan

Ceramic Exchange Core

Honeycomb structure for high thermal efficiency
Ensure high and efficient energy exchange, reduce energy loss.



FUNCTIONAL AND RELIABLE



THREE WORKING MODE



INTAKE MODE

Bringing fresh air into
the room



EXHAUST MODE

Elimination of indoor
exhaust gases



REGENERATION MODE

Air intake and exhaust
circulation per 65S

Warm damp stale air is extracted from a premise, simultaneously heating up and moisturising the regenerator.

Filter prevents ingress of contaminants into the regenerator.

WARM AIR

In 65 s the ventilator automatically switches to air exhaust mode.

COLD AIR

Fresh intake air from outside flows through the ceramic exchanger and absorbs moisture and heats up to the room temperature. In 65 seconds as the ceramic regenerator gets cooledown, the ventilator is switched into extract mode and the cycle is renewed



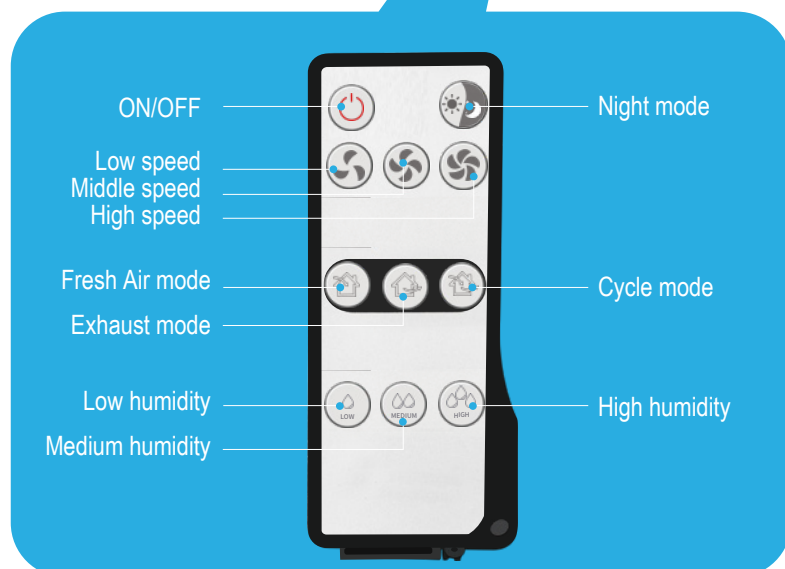
EFFECTIVE VENTILATION FOR VARIOUS TYPES OF PREMISES



KCVENTS VT501
recuperators provide continuous ventilation without the need for ductwork - installed directly in the exterior wall.
The heat exchanger core is changed every 65 seconds after which the fan reverses and the incoming air absorbs the stored heat on its way in.
Creates a very quiet heat recovery ventilation system without the need for ducts and balancing, with specific fan efficiency.



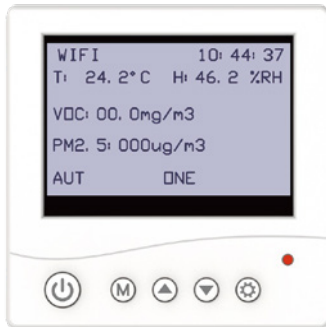
EASY CONTROL!



Simple and convenient control via wireless remote, manual button

SMART CONTROLLER, SYNC CONTROL MULTI-DEVICES

KC-VT501 WIFIEN / 2023



Synchronized Controller

With WIFI Connection, To Control All Devices With Synchronization And Monitor Indoor Air Quality.



Download Tuya Smart app

You can download the Tuya Smart app by searching for Tuya Smart in your app store or by scanning the following QR code.

REMOTE CONTROL APP

After connection done with WIFI, you can remotely control the device without being on necessity of same network, to ensure that you will experience a comfortable air environment at any time anywhere.



when you are away on business, you can turn on the device through the app in advance and enjoy fresh air when you get home.

QUIET AND COMFORTABLE WITH LOW NOISE



20dB



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