



Product Parameters

Type	Voltage (V/Hz)	Fresh air flow (m³/h)	CADR _{particle} (m³/h)	Power (W)		Noise (dB)
				PTC auxiliary heating	Without PTC auxiliary heating	
WD3	220/50	150	200	450+450	33	41.5
PM2.5 one-time filtering rate	Purification efficiency		Air testing	Product dimension (mm)		Connection pipe dimension (mm)
	PM2.5	Formaldehyde				
95%	99.9% (1H)	96.2% (4H)	PM2.5 & C02	680 X 420 X 200		110

Note:
The purification performance parameters are obtained by third party lab after tests in which specific smoke and dust particle and formaldehyde gas are used as target pollutant.

Authorized Distributor in Singapore, Malaysia and Indonesia



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Note:
As this is a print, the product colors shown in the pictures may be a little different from the actual colors. To better meet customer requirements, Broan reserves the right to modify the samples without prior notice. In case of any change in technical parameters, please refer to operating instructions of the product.

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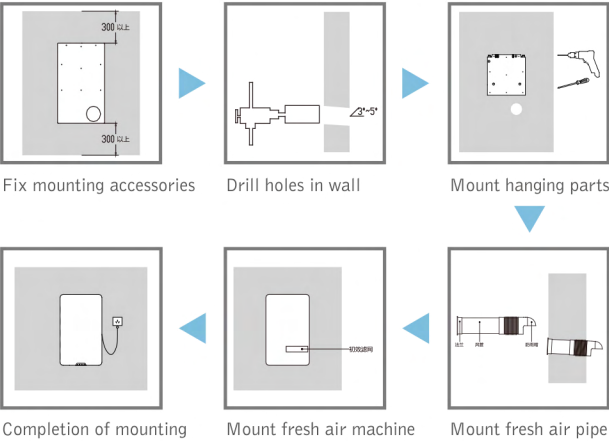
Flexible manner, complete fittings, convenient installation

Based on particular house structure and layout,
parts for wall mounting or window mounting may be chosen.

Sketch of wall mounting



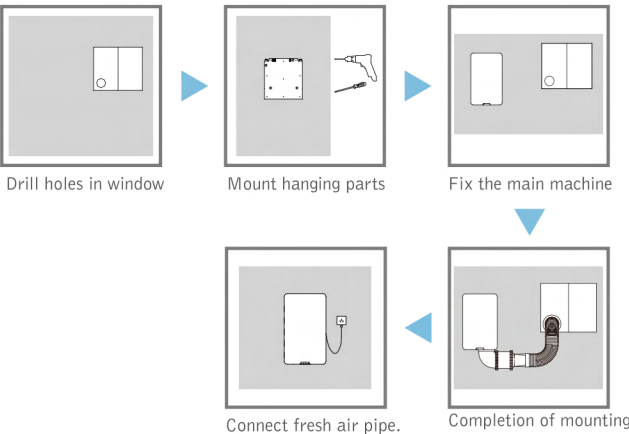
Accessories for wall mounting



Sketch of window mounting



Accessories for window mounting



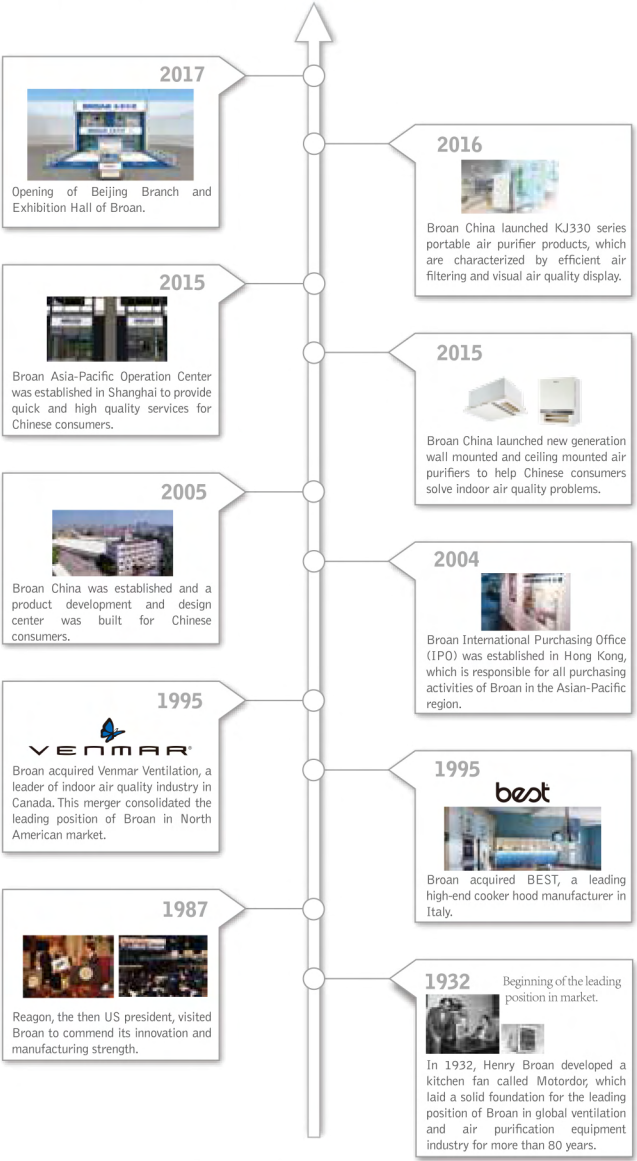
* The pictures are for reference only. Please refer to the operating instructions. This equipment should be mounted by professionals only



Established in 1932, Broan provides professional indoor air quality improvement solutions such as cooker hood, ventilation fan and whole room fresh air system. More than 80% of US families choose and trust Broan. In 2005, Broan entered China and brought a series of technically advanced indoor air quality products for Chinese consumers.

NOW

Now, Broan has become a preferred brand of numerous users.



SINCE 1932



You Deserve Fresh Air
护佑您的每一次呼吸

Wall mounted single-direction fresh air system **WD3**

Enjoy fresh air
Enjoy comfortableness

Clear indication, easy enjoying, easy mounting



PM2.5

CO₂

Clear indication

Easy control of air quality

- Clear

display of numeric value

Accurate detection and cyclic display of PM2.5 and CO2 concentrations
- Precise laser dust sensor

+

CO₂ sensor imported in original package

- Colored

display

Indicator lamps show different air quality with different colors
- Indication

of operating conditions

Clear LCD panel shows the operating conditions of the machine, and the operation interface is simple and clear
- Indication

of grade

High grade material, process, appearance and quality

Easy enjoying

Simple enjoying of high quality fresh air

Enjoying fresh air immediately

High fresh air flow, all-round purification

Fresh air introduction

150m³/h fresh air flow

Meeting fresh air demands of 3-5 persons; continuous supply of fresh air to indoor space; effectively reducing indoor CO2 level and smell from decorations and furniture.

Inner circulation purification

200m³/h CADR particle

15 minutes for bedroom air purification; 38 minutes for living room air purification.*

* Based on standard space with a height of 2.5m; Area of bedroom assumed to be 20m²; Area of living room assumed to be 50m².

Cleanness is no longer a dream

Filter made of carbon embedded cloth to remove PM2.5 and formaldehyde

Filter made of carbon embedded cloth with high filtering efficiency

Efficient filter consisting of HEPA filtering material from 3M and carbon embedded cloth used to capture PM2.5, formaldehyde and smell in air. PM2.5 removal rate of the whole equipment reaches 99.9% (1 hour), and formaldehyde removal rate reaches 96.2% (4 hours)*.

* Date source: test by national authoritative third party testing agency according to GB/T18801-2015.

Folding process with golden ratio, leading to high dust containing capacity

Optimized folding space of 5mm, unfolded area of 1.8m², cumulate clean mass (CCM) better than national standard P4 (12,000mg), longer service life of filter, and lower filter change frequency and cost.

* The above data are sourced from the lab of the manufacturer.

Flexibility with smartness

Smart mode provides higher convenience

Smart AUTO mode

Even if the indoor air quality is changing quickly, the smart mode can ensure high quality air all the time.

Smart fresh air supply

High outdoor air quality

Fresh air is continuously supplied to indoor space.

Smart purification

High PM2.5 concentration in the room

Quickly removing PM2.5 in indoor air.

Smart auxiliary heating

Low temperature of outdoor air

Starting PTC heating

It is equipped with high precision temperature sensor and PTC auxiliary heating device. Once low temperature of outdoor air is detected, it will automatically start "fresh air heating" to prevent "no blowing of cold air".

High performance under long operation

High energy efficiency, low noise and high comfortableness

Lower power consumption = lower cost

High energy efficiency

BLDC motor, consuming less than 1kWh of power in a day

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Sleep mode

Under sleep mode, the main machine operates with noise as low as 23dB, so you can hardly feel its operation.

Wireless remote control

Clear and simple interface, long distance operation, simple use

On/off

Timing

Fresh air mode

Sleep mode

Air flow adjustment

Electric heating

Kid lock

Quick mode

Smart mode

Inner circulation

Filter service life (short press)

Filter reset (long press)

Easy mounting

It can be easily and conveniently mounted

Wall mounting

Different from traditional ceiling mounting, it does not need pipe laying for mounting and does not damage the existing decoration of the house. It is especially suitable for houses that have been fitted up and decorated.

Wall mounting

Window mounting