

**menred**<sup>®</sup>


Version: VENTUS 450+

### Description

- High efficiency heat recovery unit with counter flow heat exchanger
- Energy efficient EC fan technology enables very low SFP and low sound
- HD Display Controller with capacitive touch screen for easy use and control



The VENTUS 450+ is designed for installation in the roof cavity of a home.

The unit is equipped with high efficiency  **recair** counterflow heat exchanger. Energy efficient **ebmpapst** fans with EC motors as well as low pressure G4 and PM2.5 filters reduce the energy consumption and gives low SFP factor (specific Fan Factor) and low sound. All settings and features are accessible through the HDDC (high definition display controller). A separate RH, CO2 and PM2.5 controller completes the installation.

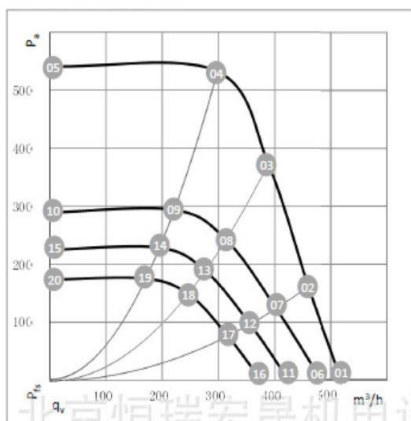
High efficiency fans with EC motors are about 75% more efficient than fans with AC motors.

High efficiency PM2.5 filtration refers to particles that have a diameter of less than 2.5 micrometres (more than 100 times thinner than a human hair) and remain suspended in the air for longer. These particles are formed as a result of burning fuel and chemical reactions that take place in the atmosphere. A reference to PM2.5 was made during the Australian Bush Fires.

### Technical Parameters

Unit	
Voltage	230 V
Frequency	50 Hz
Weight	52 kg
Current	10 A
Enclosure Class	IP 24
Noise	(dB(A) 42
Heat Exchanger	
Exchanger Brand	Reccair
Exchanger Model	Sensitive 300
Exchanger Type	Counter Flow
Fans	
Supply Fan	Ebm Papst EC
Extraction Fan	Ebm Papst EC
Combined Power	120 W
Air Filtration	
On Extraction	G4
On Supply	PM2.5
Other	
Mounting Type	Horizontal

### Performance Diagram



### Dimensions

