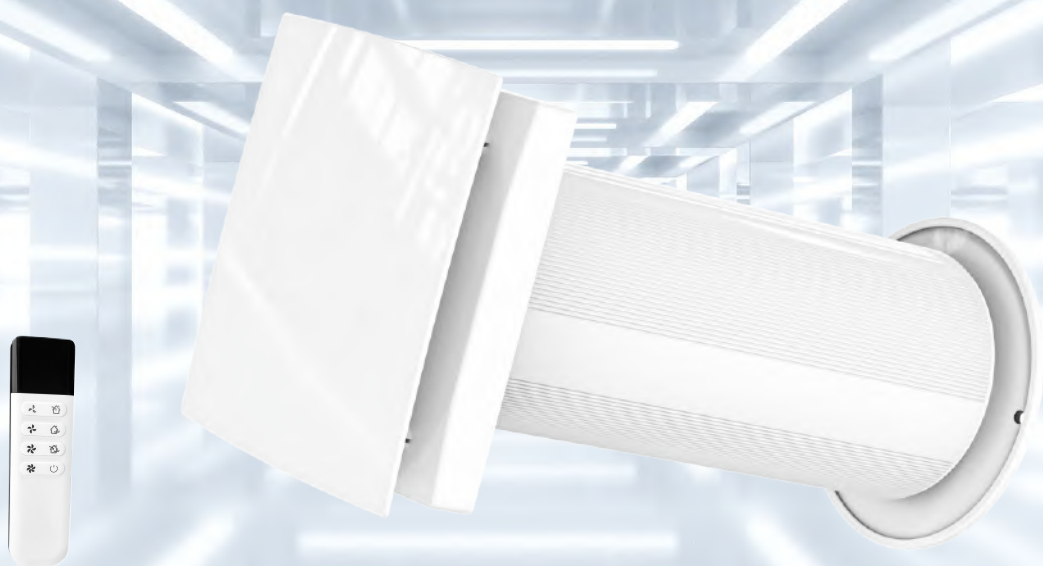


Single Room Heat Recovery Ventilator VT100



Supply clean fresh air to the premises



Low energy demand



Prevent penetration of excessive humidity and appearance of mould



Low noise level

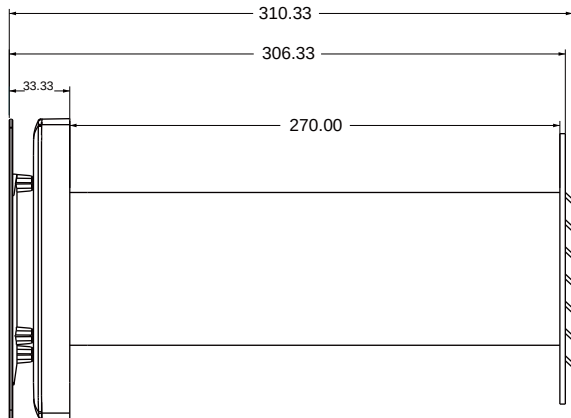
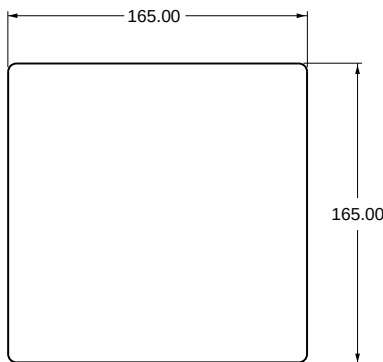


Clean intake air from dust, insects, exhaust fumes



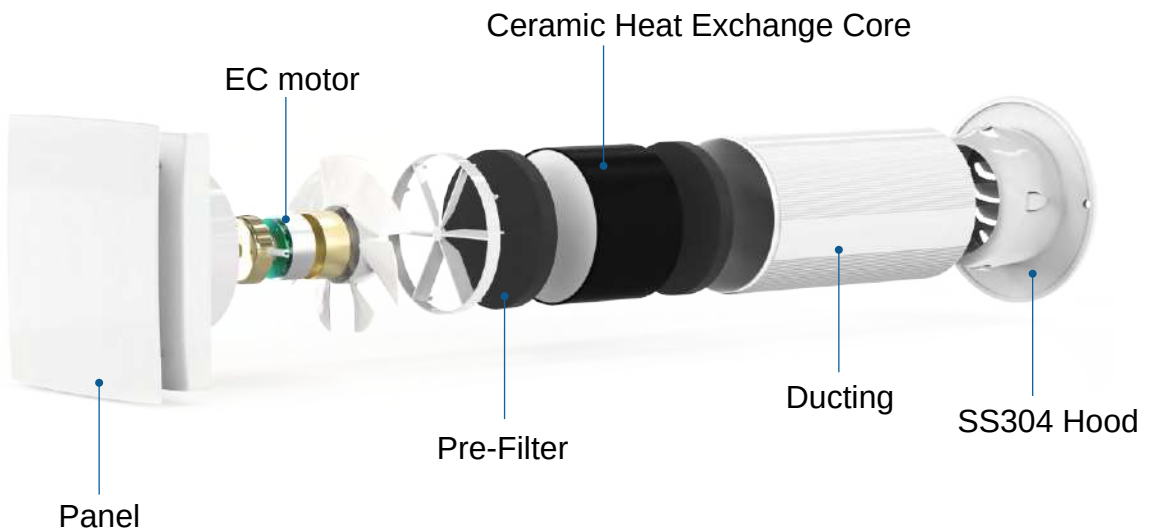
Recover heat and provide indoor humidity balance

OVERALL DIMENSIONS (mm)



Speed	Sleep	I	II	III
Voltage	100–240 V~, 50/60 Hz			
Max Power(W)	2.6			
Ventilator Total Power (W)	1.4	1.9	2.2	2.6
Max. Air Capacity (m ³ /h)	20	30	40	50
RPM [min]	1000	1500	2000	2500
Max. Transported Air Temperature	-20°C (-4°F) to +50°C (122°F)			
Heat Exchange Efficiency	up to 90%			
Heat Exchanger core	Ceramic			

STRUCTURE



OPERATING MODES

- Fresh Air Mode the ventilator supplies fresh air
- Exhaust Mode the ventilator operates in exhaust mode
- Cycle Mode the ventilator operates in reversible mode with heat and humidity recovery.

In cycle mode the ventilator operates in two cycles, 65 seconds each.

Cycle I : Warm stale air is extracted from the room. As it flows through the heat exchanger, it heats and moisturizes the exchanger, transferring up to 90%. In 65 seconds as the ceramic exchanger gets warmed the ventilator is switched to supply mode.

Cycle II: 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 cooled down, the ventilator is switched into extract mode and the cycle is renewed.

