



AIRTECHNIC

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Air-Conditioning & Ventilation Components & Systems

● WALL MOUNTED ENERGY RECOVERY VENTILATOR HRWA 150



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V. 4



HRWA 150

MAXIMUM
AIR FLOW

150
m³/h

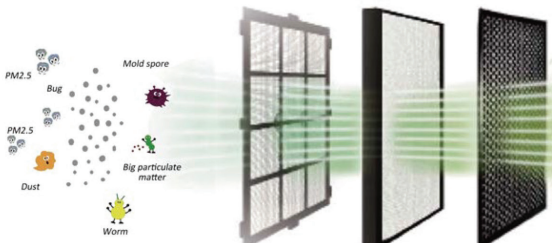
EFFICIENCY
UP TO

82 %

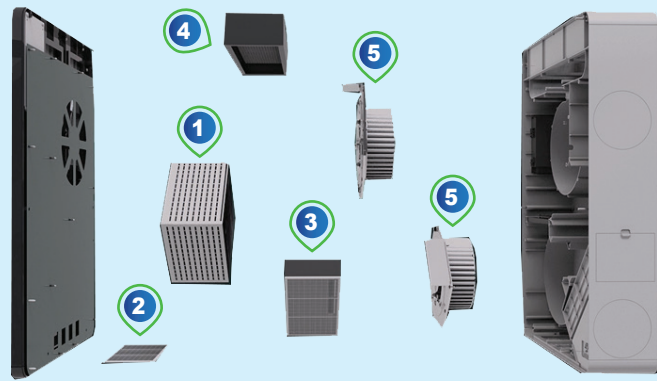


- Multiple HEPA purification of **99%**.
- Indoor & outdoor air filtration.
- High efficiency heat and humidity recovery, up to **82%**.
- Silent operation.**
- High efficiency, **8 speed fans** with **DC** motors.
- Control panel with **LCD screen & remote controller.**
- Air quality Index (AQI)** monitoring.
- Indoor slight positive pressure.**

3 levels of filtration : Pm2.5 purify / Deep purify / Ultra purify.
operational modes : Manual / Auto / Timer.



STRUCTURE



1. Enthalpy heat exchanger, up to **82%** efficiency
2. RA Primary Filter
3. OA Primary Filter
4. SA HEPA and Activated Carbon filters
5. High efficiency DC fans

Fresh Air supply to indoor



Extract air from indoor

HRWA has two sensors at the indoor air return side, to monitor the real-time indoor air quality.



PM2.5 VALUE	INDOOR AIR QUALITY	OPERATIONAL SPEED
0 ≤ PM2.5 ≤ 35	Excellent	1
35 < PM2.5 ≤ 75	Good	2
75 < PM2.5 ≤ 115	Gentle pollution	4
115 < PM2.5 ≤ 150	Medium pollution	5
150 < PM2.5 ≤ 250	Heavy pollution	7
PM2.5 > 250	Serius pollution	8

HRWA	AIR FLOW m ³ /h	POWER W	NOISE LEVEL dB(A)	FILTRATION EFFICIENCY %	TEMPERATURE EFFICIENCY %	SUITABLE ROOM SIZE m ²	DIMENSIONS mm	WEIGHT Kg
150	150	35	23 ÷ 36	99 % HEPA	82 %	20 ÷ 45	450 x 155 x 660	10



ISO 9001:2015



ISO 14001:2015

Management System
ISO 14001:2015
Valid until:
2024-05-24



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AIR HANDLING UNITS




HEAT EXCHANGERS




FAN COIL UNITS



FANS & FAN SECTIONS




FIRE DAMPERS



AIR OUTLETS



STEAM HUMIDIFIERS - DEHUMIDIFIERS



CENTRAL VACUUM SYSTEMS



TUBO
THINK CLEAN

STAINLESS STEEL CHIMNEYS



AIR FILTERS



AIR CURTAINS



EVAPORATIVE COOLING




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