



www.thenowair.com

Shanghai Thenow Purification Technology Co.,Ltd

Factory Add: No. 59 Linsheng Road, Tinglin Town,
Jinshan District, Shanghai, China

Email: sales@thenow.cn
Tel: 86 21 59177719



THENOW 24/7 Protection for a Healthy & Comfortable New Ecosystem

All-Scenario Adaptability | Whole-Home Fresh Air | Whole-Home Dehumidification
Total Heat Exchange | Comprehensive Purification | Fully Intelligent Interaction
Ultra-Quiet Operation | Energy Efficiency



**FULL HEAT EXCHANGE
DEHUMIDIFICATION ERV**
Serenity Series



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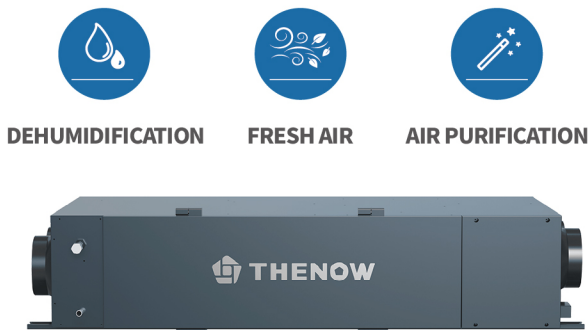
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SERENITY
SERIES

24/7 Protection for a Healthy
Comfortable New Ecosystem

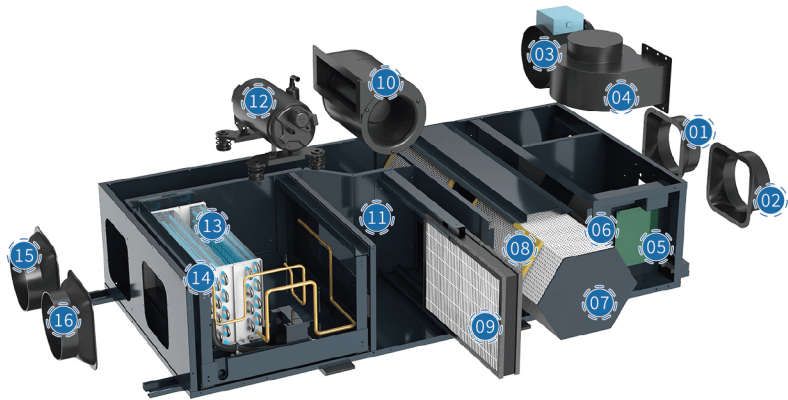
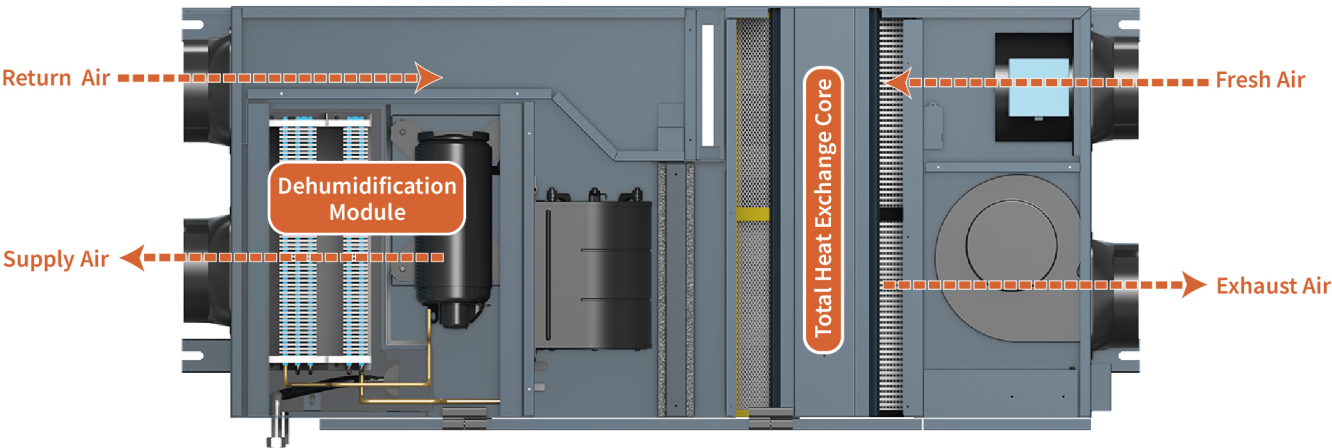


ADAPTS TO ALL SCENARIOS
NO SPACE LIMITATIONS

Residential: Covers villas, apartments, and lofts
Commercial: Offices, gyms, maternity & baby centers

COMPREHENSIVE AIR SOLUTION
FIVE OPERATING MODES

- A. Fresh Air Mode: Truly independent fresh air mode — no air mixing, dehumidification module off;
B. Fresh Air + Dehumidification Mode: Fresh air and dehumidification operate simultaneously;
C. Indoor Circulation Mode: Air recirculation only, dehumidification module off;
D. Indoor Circulation + Dehumidification Mode: Air recirculation with dehumidification module on;
E. Auto Mode: Intelligently switches between modes based on indoor air conditions — smarter and more energy-efficient.



FULL HEAT EXCHANGE
DEHUMIDIFICATION ERV

- | | |
|--------------------------------|-------------------|
| 01. Fresh Air | 09. HEPA H13 |
| 02. Exhaust Air | 10. Supply Fan |
| 03. Fresh Air Damper | 11. Bypass Damper |
| 04. Exhaust Fan | 12. Compressor |
| 05. Electrical Control Box | 13. Evaporator |
| 06. Pre-filter + Medium Filter | 14. Condenser |
| 07. Total Heat Exchange Core | 15. Return Air |
| 08. Pre-filter | 16. Supply Air |

Whole-Home Fresh Air
Whole-House Dehumidification

Independent Fresh Air System: Features a pure fresh air mode — unlike traditional mixed-air designs, it achieves 100% outdoor air exchange. Equipped with a DC inverter EC fan for higher supply and exhaust efficiency.
High-Efficiency Dehumidification Technology: Brand-name compressor with eco-friendly refrigerant for significantly improved energy savings. Features hydrophilic film louver-fin heat exchangers to enhance heat transfer efficiency.

Ultra-Quiet Operation
Five-Level Noise Reduction Design

Wide Air Duct Design: Streamlined airflow guidance structure reduces air resistance by 40%.
EC Brushless DC Motor: Fully DC inverter technology for low noise.
Frame Structure: High-strength frame + honeycomb support structure + low air resistance + high airtightness.
Floating Vibration Damping System: Rubber isolation + spring support eliminates resonance transmission.
Acoustic Insulation Layer: High-density eco-friendly material with sound absorption rate $\geq 90\%$.

Comprehensive Purification
Three-layer Filtration System
Sterilization & Disinfection

Single-pass PM2.5 filtration efficiency up to 99.9%;
Pre-filter + Medium Filter + H13 HEPA Filter.



Shanghai Science and Technology Progress Award First Prize Certificate No.: 20204011-1-D02 | Sterilization & Disinfection Test Report No.: FTS202204241

Technical data

Model	Power Supply	Fresh Air m ³ /h	Supply Air m ³ /h	Exhaust Air m ³ /h	Rated Power W	DH Capacity L/D	Residual Pressure Pa	Exhaust Air RP Pa	Apply Area m ²	Noise dB(A)	Size mm	Return Air mm	Fresh Air mm	Supply Air mm	Exhaust Air mm	NW kg
CXJQT45/450-GSA25	1PH/220V/50Hz	450	350	300	720	45	100	60	<100	≤40	1260*620*280	Ø160	Ø160	Ø160	Ø160	75
CXJQT95/800-GSA25	1PH/220V/50Hz	800	500	450	1200	95	100	60	<160	≤42	1400*791*270	Ø200	Ø160	Ø200	Ø160	99
CXJQT125/1000-GSA25	1PH/220V/50Hz	1000	800	700	1800	125	120	80	<180	≤45	1546*900*400	Ø250	Ø200	Ø250	Ø200	145

*The above datas are all from testing agencies, and our company provides design technical parameters. The structural images displayed are functional diagrams and are not necessarily the exact structures, the final data subject to actual products.