

NATHER

NATHER PRODUCT BROCHURE

NATHER



NATHER reserves the right to make changes without further notice.



ISO9001
ISO14001
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NATHER

Zehnder Group

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*All the data in this manual are based on the test reports of NATHER Laboratory or third parties and are for reference only.
The actual effect will vary due to the usage environment and installation methods.

About NATHER

NATHER is a high-tech enterprise specialized in providing indoor Ventilation Mechanical Control (VMC) systems and air purifying solutions. It is the subsidiary of a century listed enterprise —Swiss Zehnder Group. Our ventilation technology is originated from Europe. With abundant technical power and production strength, NATHER has developed into an intelligent ventilation brand provider integrating R&D, production, sales and service.

NATHER staff uphold the enterprise mission of "Healthy Air, Healthy Life", and are always committed to the research and development of cutting-edge technology in ventilation and air purification. NATHER possesses about 80 patented ventilation techniques. Our products of VMC (Ventilation Mechanical Control) systems consist of unidirectional flow, bidirectional flow, heat exchange and so on. We have taken part in drafting and enacting several China national and local ventilation standards, and NATHER takes it as its burden duty to promote the development of Chinese housing ventilation industry. Because of our excellent product performance and perfect after-sale service, NATHER has established strategic partnership with more than 30 enterprises of China TOP100 real estate developers. Now we have more than 400 dealers across the country to sell products and serve customers. NATHER VMC products have been widely used in residence, apartment, office building, hotel, school, and other places. It is providing more and more people with natural & healthy air, and also a high-quality life.



**Fresh
Air**



**Water
purification**



**Humidity
control**

30 years

Member of Zehnder Group

A Series Energy Recovery Ventilator

- Energy Recovery Ventilator
- Washable core
- Dual DC motors
- Free adjustment of air pressure



*Five-in-one sensor (Intelligent control version configuration)
High-definition color screen controller

Product Performance · A series

Model	Fan Speed	Fresh Airflow (m³/h)	Exhaust Airflow (m³/h)	Available Pressure of Fresh Air (Pa)	Power (W)	Noise (dB)	Power Supply	Weight (Kg)	Enthalpy Heat Exchange Rate %		Dimensions (mm)
									(Cooling)	(Heating)	
A-2a	Boost	180	160	50	60	36.3	220V~ /50Hz	32	61.7	65.2	810x644x253
	High	150	135	40	56	34.1					
	Mid	110	100	30	28	28.7					
	Low	80	70	20	18	26.4					
	Sleep	50	50	15	10	24.2					
A-3a	Boost	300	250	70	125	38.7	220V~ /50Hz	35	56.3	61.3	865x669x273
	High	250	210	60	93	35.2					
	Mid	170	135	50	40	30.1					
	Low	110	90	30	25	25.4					
	Sleep	50	50	15	10	23.7					
A-4a	Boost	350	310	85	175	39.3	220V~ /50Hz	35	56.5	60.4	890x694x273
	High	250	225	60	85	33.2					
	Mid	200	170	50	55	30.0					
	Low	155	110	40	36	27.7					
	Sleep	100	100	25	20	25.6					
A-5a	Boost	500	400	100	240	41.9	220V~ /50Hz	47	56.7	67.6	965x692x341
	High	390	320	80	128	38.8					
	Mid	320	250	70	89	35.6					
	Low	250	200	60	69	35.5					
	Sleep	200	160	50	50	34.0					

*Reference Fan Speed



All in one

Inspection and maintenance of a single unit
It can simultaneously complete the maintenance and replacement of key parts such as the filter screen, core body, electronic control system, and fan.

Intelligent operation

1. Con-airpanel High Definition Color Screen Controller:
Pre-set time periods, modes and gears are available.



Countdown reminder for filter replacement

Customize the filter duration

2. Intelligent ecosystem:
Link to NATHER APP / "NATHER Smart Home Control" mini-program
Integrate into the whole-house smart home system via RS-485 protocol
Enable remote control through a third-party centralized control platform

3. Five-in-one sensor (Intelligent control version configuration) :
Detect temperature, humidity, CO₂, PM2.5, and TVOC,
Pair with the wireless controller to interact with the fresh air host.

Temperature control and anti-freezing technology for adjusting speed

Based on different indoor and outdoor temperatures and the supply air temperature of the fresh air unit, different fresh air and exhaust air fan speeds are controlled to prevent the unit from freezing in cold regions.

7. Antibacterial filter combination
H12 high-efficiency antibacterial filter
+ F7 medium-efficiency filter

6. 23.7dB(A)
Multi-level noise reduction