

**HOLTOP**



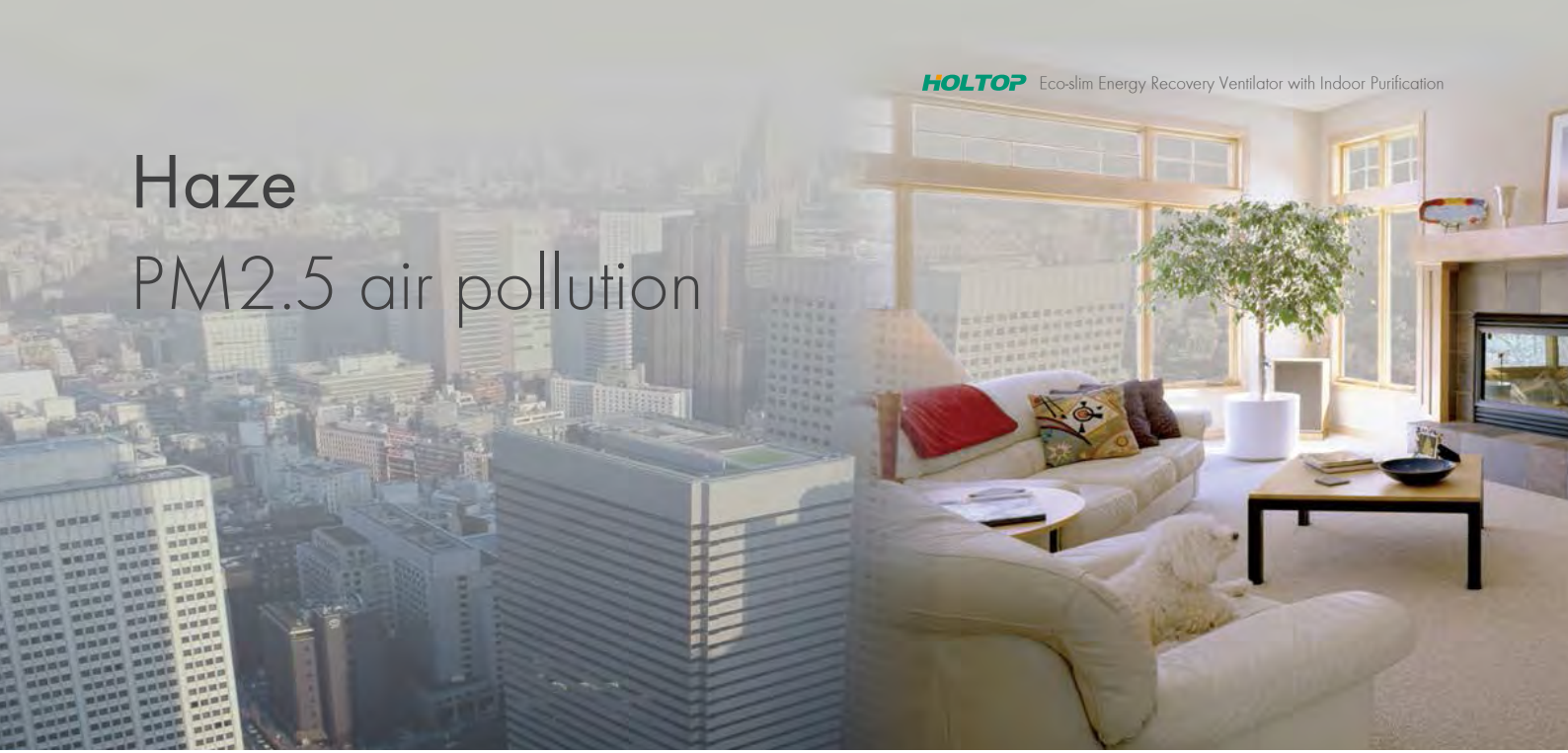
# ECO-SLIM ENERGY RECOVERY VENTILATOR WITH INDOOR PURIFICATION

Bring Forest Fresh Air to Your Life !



# Haze

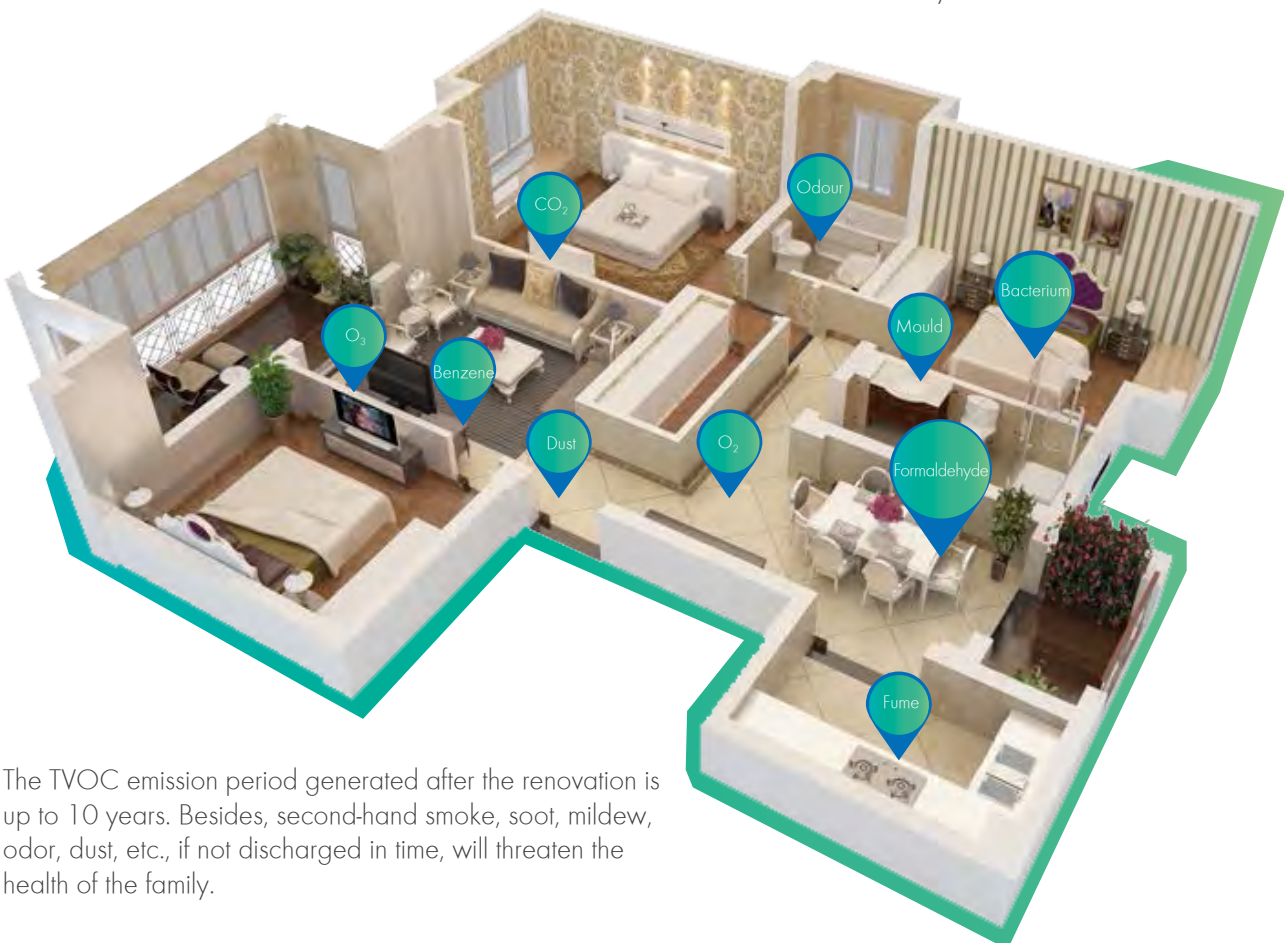
## PM2.5 air pollution



## Outdoor air pollution, directly affecting indoor air quality

### Hazards of indoor pollution

- Easy to catch cold and fatigue
- Dizziness, stuffy, nausea
- Immunity decline, fetal malformation
- Respiratory diseases and allergic reactions
- Harsh smell to the eyes and nose
- Plants not easy to survive



The TVOC emission period generated after the renovation is up to 10 years. Besides, second-hand smoke, soot, mildew, odor, dust, etc., if not discharged in time, will threaten the health of the family.



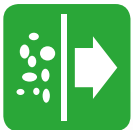
# Main Feature:

- Three-layer high-efficiency filtration system: primary filter, medium filter and HEPA high efficiency filter. The PM2.5 purification efficiency of the whole machine is up to 99%.
- Aluzinc steel panel with high anti-corrosion performance and simple and elegant appearance.
- EPP integrated internal structure if of high strength, impact resistance, environmental protection and odorless.
- DC motor of 5 speed, low energy consumption, low noise and long lifetime.
- The newly designed counterflow heat exchanger effectively recovers temperature and humidity, and the recovery efficiency is up to 86%.
- Compact and slim design, saving installation space.



- Bottom access design for easier maintenance and saving access space.
- The indoor air circulation purification mode, to purify indoor air circularly. The ultra-clean purification mode can quickly remove indoor pollutants.
- Visual touch large-screen LCD controller: PM2.5 highlight display, temperature display, time week display, different operation mode selection and display, weekly timer, filter cleaning alarm, etc.

\* Application: villas, residential house, schools, etc.



Remove haze



Remove formaldehyde



Double way ventilation



Low noise



Energy saving heat recovery



Intelligent control



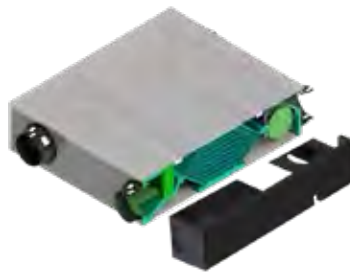
## High quality material

- Aluzinc steel casing
- Durable for 15 years
- Anti-corrosion and beautiful
- Smaller, thinner, lighter



## EPP integrated inner structure

- High performance polymeric material
- Environment friendly
- Widely used in high-end automobiles and aviation



## Quickly remove indoor pollutants

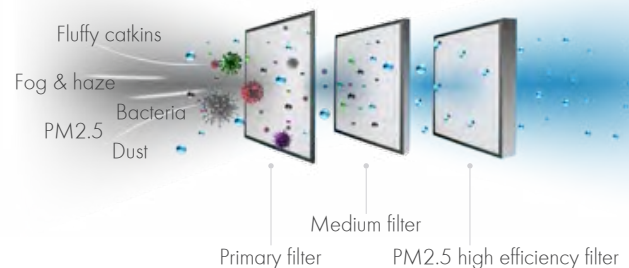
- Rapid removal of haze and formaldehyde in 30min
- PM2.5 purification efficiency up to 99.6%
- Quickly reduce indoor pollutants in 30 minutes
- Ultra-clean mode, micro-positive pressure function to deal with extreme weather



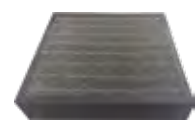
## PM2.5 purification

- Multiple filters effectively removing PM2.5
- The operating room grade filter material with high efficiency up to 99% PM2.5 filtration rate
- Effectively filter dust, PM2.5 haze particles and other harmful substances, to make air cleaner and healthier

Clean: high efficiency purification, make air cleaner



New filter



Old filter after used in 9 months in Beijing

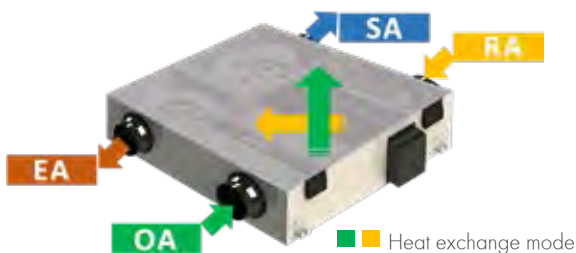


### Intelligent: Intelligent control indoor air quality

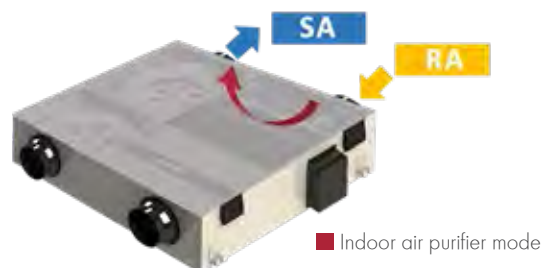
- Intelligent control: real-time adjustment of indoor air quality
- Visible good air
- Large touch LCD control panel
- Indoor air quality (IAQ) and PM2.5 real-time display, smarter and more convenient



- **Heat exchange mode:** Keep ventilation to intake fresh air while reducing energy consumption of air conditioning



- **Indoor air purifier mode:** Circulate and purify indoor air while outdoor air quality is very bad

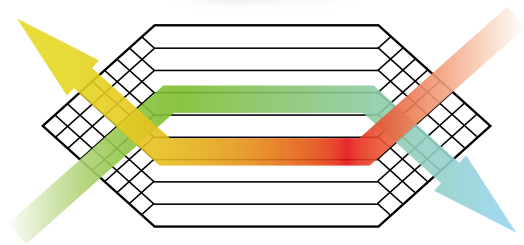




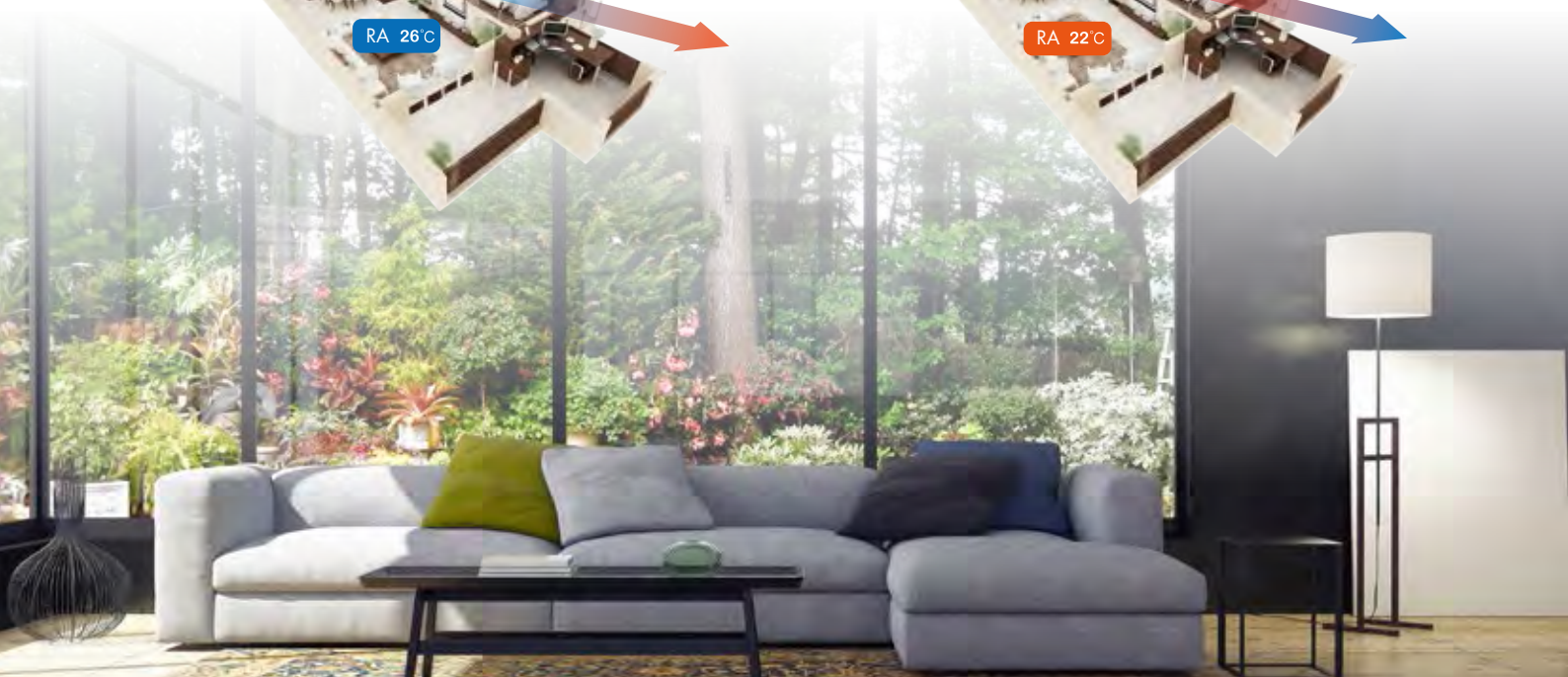


### Save energy save money

- Equipped with HOLTOP new-developed counterflow heat exchanger
- Heat recovery efficiency is up to 86%
- The air supply is completely separated from the exhaust air to avoid cross-contamination
- The latest nano-scale fiber structure ensures temperature and humidity recovery efficiency and reduces energy consumption of air conditioners



- Only consume 1 kwh in 24 hours
- Heat exchange efficiency up to 86%
- Counterflow design
- Fully injection molded frame support
- Better appearance



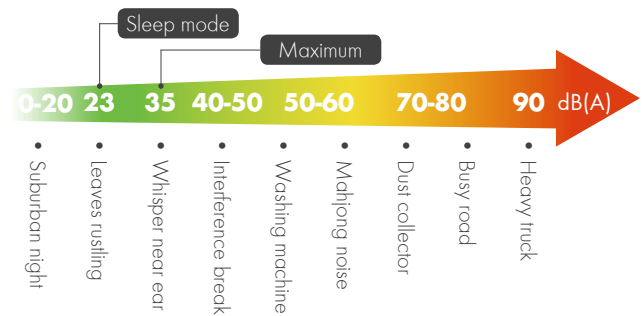
## Energy-saving DC motor

- High static pressure
- Meet requirements of the top supply air / ground supply air
- Powerful DC driven
- Large impeller with more powerful
- 16 years of running verification, stronger and more stable



## Ultra low noise enjoy high quality sleep

- Don't worry about the noise
- Iteratively optimized internal air path design
- 5-speed silent operation
- Excellent acoustic insulation performance with EPP internal structure
- Unique sleeping mode



## Convenient Easy installation and maintenance

- Bottom and partial access available
- Easy to replace the filter
- Less space and easy maintenance
- Every important component can be independently repaired
- The filter can be replaced by manually opening the buckle
- Super slim design, reduce installation space
- Indoor ceiling could reduce by 50mm averagely



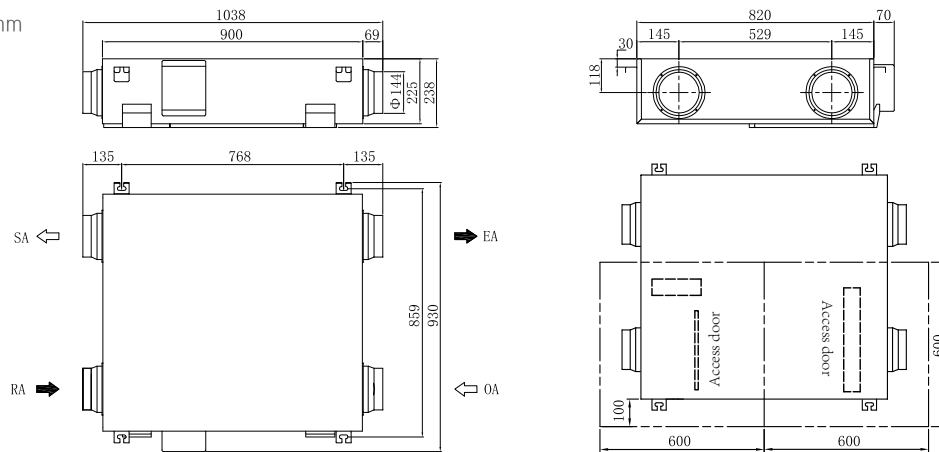
## SPECIFICATIONS / D250

Speed	Airflow	External pressure	Temp. Efficiency (%)		Enthalpy Efficiency (%)		Noise	Input Power	Current	Voltage	Weight
	m <sup>3</sup> /h	Pa	Cooling	Heating	Cooling	Heating	dB(A)	W	A		Kg
5	250	110	66	77	60	70	34	125	1	220V/50Hz	30
4	250	60	66	77	60	70	32	110	0.8		
3	180	45	68	79	64	74	29	65	0.6		
2	100	30	72	83	72	82	25	35	0.4		
1	80	20	75	86	74	84	23	27	0.3		

**Note:** 1. The values of input power and heat exchange efficiency are measured under standard air volume.

2. The noise is measured 1.5 meters directly below the center of the device. Under actual conditions, the noise value may be larger than the value indicated due to environmental noise.

unit: mm



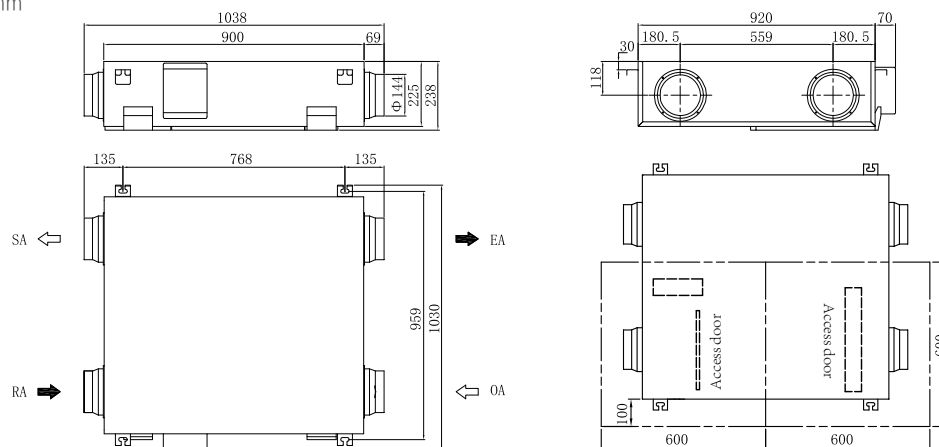
## SPECIFICATIONS / D350

Speed	Airflow	External pressure	Temp. Efficiency (%)		Enthalpy Efficiency (%)		Noise	Input Power	Current	Voltage	Weight
	m <sup>3</sup> /h	Pa	Cooling	Heating	Cooling	Heating	dB(A)	W	A		Kg
5	350	120	66	76	60	69	35	215	1.6	220V/50Hz	36
4	350	60	66	76	60	69	33	200	1.5		
3	300	50	68	78	63	72	31	155	1.2		
2	200	40	71	81	67	76	28	72	0.6		
1	100	30	74	84	72	81	25	35	0.4		

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unit: mm





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\* Data is subject to changes without notification due to product improvement