

Ultra-thin full heat exchange fresh air purifier



- AC or DC motor
- Thickness is 19.5CM
- Small body but large volum
- Saving ceiling space

Data Sheet:

Model(AC)	Votage	Rated Power(w)	Air flow (m ³ /h)	Temp. exchange rate	ESP(Pa)	Enthalpy exchange rate	Noise(dB)	Size(mm)	
YXXF-Y15	220V 50HZ	65/70/85	100/120/150	90/87/85	55/70/90	85/82/80	27/29/30	960*960* 195	
YXXF-Y25		65/85/110	150/200/250	86/84/82	70/85/110	81/78/75	27/29/32		
YXXF-Y35		80/115/135	250/300/350	84/82/80	85/100/120	77/74/70	29/30/33		
YXXF-Y50		150/160/185	380/430/500	82/80/78	95/110/125	73/70/68	30/36/38		
Model(AC)	Votage	Rated Power(w)	Air flow (m ³ /h)	Temp. exchange rate	ESP(Pa)	Enthalpy exchange rate	Noise(dB)		
YXXF-Y50D	AC220 DC24V	170	150-500	66-90	55-125	58-85	18-33		

Smart control:



AC standard control:

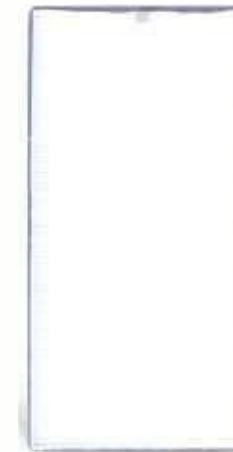
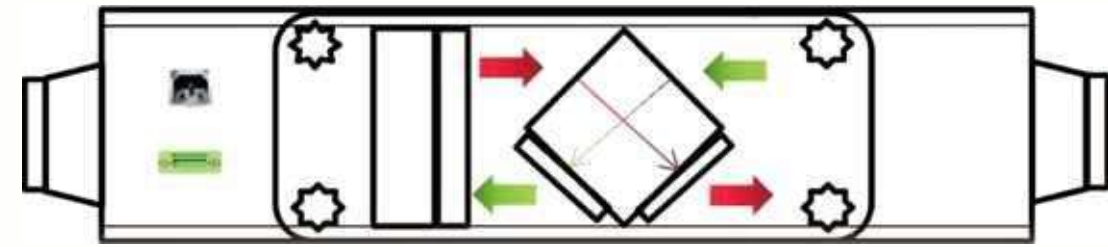
1. Green backlight, LCD keys
2. 3-speed adjustable wind speed
3. Ambient Temp. and humidity, VOC concentration display
4. Manual, automatic, timing mode



DC Standard control:

1. Mirror LCD touch screen
2. Ambient Temp. and humidity, pm2.5 display
3. Variable speed, adjustable air volume
4. Manual, automatic, timing function
5. WIFI control
6. Filter replacement reminder

Fresh air purification full heat exchange home system



H13 HEPA Filter



Activated Carbon filter



Full Energy Exchange Core



Primary Filter

1. Built-in dual centrifugal motors, (AC/DC optional) two-way ventilation, through 24-hour uninterrupted ventilation, the fresh air and dirty air are completely isolated, avoiding secondary pollution, and maintaining the circulation of fresh air in the house, through the total heat exchanger For ventilation, even if the heating and cooling are used, it is not easy to cause energy loss (including latent heat and sensible heat) to provide you with an all-round efficient and energy-saving ventilation environment;

2. The primary filter can filter large particles above 5 nm, pollen, dander and other floating objects;

3. The activated carbon filter can absorb odor, colloid, organic matter, heavy metal, formaldehyde, xylene and other harmful substances;

4. H13 HEPA filter can effectively remove pm2.5, and the filtration efficiency rate can be 99.95%.

Industrial Fresh Air Ventilation(Full Energy Exchange)



1. Indoor and outdoor two-way ventilation, equal replacement of fresh air and dirty air and positive and negative pressure operations can be realized according to requirements. The fresh air and the dirty air are completely isolated to avoid cross-contamination of the fresh and dirty air.

2. High efficiency and energy saving, built-in static heat exchange core, the heat exchange efficiency is greater than 70%, and the cooling and heating load (room temperature) is not affected by the fresh air, which greatly reduces the energy required for the fresh air.

3. The application is simple, a variety of models, suitable for different building units, integrated structure, built-in heat exchanger, double fans, filters, only need to connect the electricity and the tuyere pipes to use.

4. Safe and reliable, low-noise fan and internal noise reduction treatment avoid the interference of noise to the living room environment.

5. Low cost and high efficiency, it is not necessary to set up a separate computer room, which can reduce equipment investment and construction area, use heat recovery technology to save energy and reduce consumption, and greatly reduce operating costs.

Model	Air flow(m ³ /h)	Size(mm)	Power (kw)	Voltage	Static pressure(Pa)	Air inlet size(mm)	Net Weight (kg)
YXXF-D05	500	920*650*260	0.02*2	220	180	150	20
YXXF-D10	1000	920*650*260	0.02*2	220	180	150	25
YXXF-D15	1500	1080*700*315	0.13*2	220	200	200	30
YXXF-DS22	2200	1360*1050*450	0.25*2	220	300	250	80
YXXF-DS30	3000	1480*1200*480	0.55*2	220	300	300	90
YXXF-DS40	4000	1400*1200*560	0.55*2	220	400	400*310	115
YXXF-D22	2200	1360*1050*450	0.32*2	380	300	250	80
YXXF-D30	3000	1480*1200*480	0.55*2	380	360	300	95
YXXF-D40	4000	1400*1250*500	0.75*2	380	360	400*310	115
YXXF-D50	5000	1590*1680*620	1.3*2	380	480	400*310	175
YXXF-D60	6000	1590*1680*620	1.5*2	380	480	450*400	190
YXXF-D70	7000	1700*1650*690	2.2*2	380	600	600*400	200
YXXF-D80	8000	1700*1650*690	3*2	380	600	600*400	230
YXXF-D100	10000	2100*1900*880	3*2	380	830	600*500	270

Fresh air purification full heat exchange Ventilation



Model	Air flow (m ³ /h)	Size (mm)	Power (kw)	Voltage	Static pressure(Pa)	Air inlet size(mm)	Net Weight (kg)
YXXF-S05	500	480*530*230	0.02*2	220	180	150	12
YXXF-S10	1000	480*530*230	0.02*2	220	180	150	15
YXXF-S15	1500	730*710*315	0.13*2	220	200	200	18
YXXF-SS22	2200	820*890*480	0.25*2	220	300	250	50
YXXF-SS30	3000	900*906*480	0.55*2	220	300	300	55
YXXF-SS40	4000	1200*800*520	0.55*2	220	400	350*300	65
YXXF-S22	2200	900*840*480	0.32*2	380	300	250	50
YXXF-S30	3000	900*960*480	0.55*2	380	360	300	50
YXXF-S40	4000	1190*800*480	0.75*2	380	360	400*310	65
YXXF-S50	5000	1200*800*520	1.3*2	380	480	400*300	80
YXXF-S60	6000	1200*800*520	1.5*2	380	480	450*400	80

1. Adopting the design technology of the counter-flow core body makes the product lower noise, smaller and thinner.
2. The machine is placed in the ceiling, which saves building space and is easy to install. It is made of high-quality steel plates and environmentally friendly materials.
3. Air volume range: 500-10000m³/h, suitable for ventilation in small spaces such as offices, KTVs, public offices, and villas.
4. The unique structure design applies the air duct noise reduction technology to the equipment, the external noise is extremely low, the airflow permeability is good, and the wind resistance is small, which ensures the perfect mute effect.
5. Easy to maintain: One inspection port can be used for all maintenance.

Industrial silent fresh air ventilator (one-way flow)



One-way flow fresh air system

The one-way flow fresh air system is a fresh air system with a relatively simple structure and convenient operation. It adopts the method of "forced exhaust air and natural air supply" to improve the indoor air environment. During the working process of the one-way flow fresh air system, the indoor exhaust gas is discharged to the outside in an organized manner, and a certain indoor negative pressure is formed at the same time, and the indoor fresh air will enter the room through the air inlet, so as to achieve the effect of improving the indoor air. At this time, the air outlet of the one-way flow fresh air system is generally installed in the kitchen, toilet, crowded places and other places with relatively dirty air.

One-way flow fresh air system - silent type fan

The silent blower system adopts special sound-absorbing materials and hardware accessories with perfect technology. According to different space requirements, a silent blower/exhaust fan is created. The silent blower/exhaust fan is small in size and adopts a new air duct design, which can effectively suppress the operation. Easy to generate side noise, with good mute effect. In addition, its high static pressure, energy saving, and thinness are also very prominent. It is an air treatment equipment that is very suitable for quiet environments.

Model	Air flow (m ³ /h)	Size (mm)	Power (kw)	Voltage	Static pressure(Pa)	Air inlet size(mm)	Net Weight (kg)
YXXF-J05	500	500*298*215	0.02	220	180	110	5.5
YXXF-J10	1000	440*270*230	0.02	220	180	150	7
YXXF-J15	1500	570*380*325	0.13	220	200	200	9
YXXF-JS22	2200	660*460*430	0.25	220	300	250	25
YXXF-JS30	3000	670*470*430	0.55	220	300	300	35
YXXF-JS40	4000	800*600*600	0.55	220	400	350*300	45
YXXF-J22	2200	660*460*430	0.32	380	300	250	25
YXXF-J30	3000	670*470*430	0.55	380	360	300	35
YXXF-J40	4000	710*650*480	0.75	380	360	350*300	45
YXXF-J50	5000	800*600*600	1.3	380	480	400*350	50
YXXF-J60	6000	800*600*600	1.5	380	480	450*400	50
YXXF-J70	7000	810*810*640	2.2	380	600	600*400	73
YXXF-J80	8000	820*820*680	3	380	600	600*400	73
YXXF-J100	10000	820*850*670	3	380	830	600*500	73

Fresh Air Purification Full Heat Exchange Home System



Model	YXXF-Z15 YXXF-Z25 YXXF-Z35 YXXF-Z50
Air flow(m ³ /h)	150/250/350/500
Size (mm)	400*230*300
Purification rate	pm2.5-99.9%
Power supply	AC220V/50HZ
Power	110w
Noise	30dB
Weight	20KG

Features:

1. Triple filtration: primary filter + activated carbon filter + HEPA filter. The PM25 filtration rate is as high as 99.97%, and it can filter pollutants with a diameter of 0.3 microns, which is 8 times that of ordinary filtration.
2. High-performance, low-noise centrifugal fans are used, and the inner wall is made of sound-absorbing and heat-insulating materials.
3. It has large air volume, high static pressure, low noise and stable operation.
4. Automatic and intelligent detection of air quality and temperature, more energy saving.

Fresh air purification box

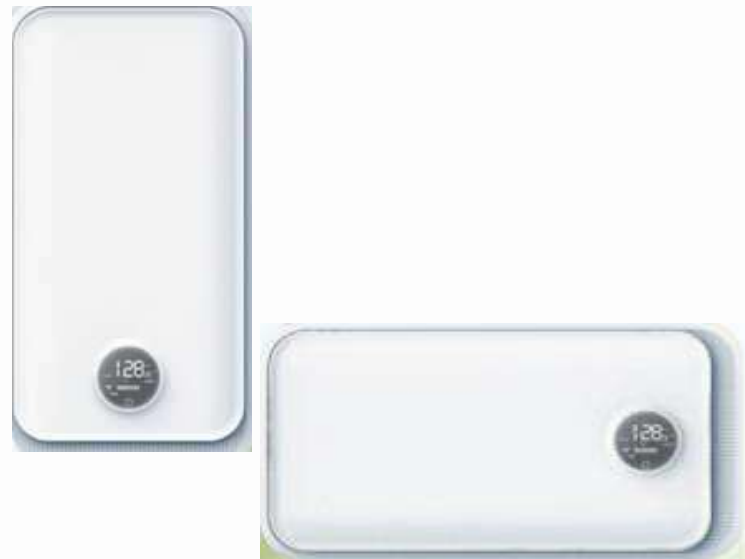


Name	Model	Applicable air volume (m ³ /h)	Size (mm)	Air resistance (pa)	Air Opening (mm)
Purification box	YXXF-H50	100-1000	260*300*230	35	160
	YXXFF H150	1000 2000	450*450*300	38	200
	YXXF-H300	2000-3000	500*530*440	43	250*300
	YXXF-H 500	3000-5000	800*800*600	58	300*400

The high-efficiency purification box of the fresh air system is installed at the main fresh air inlet of the independent fresh air system. It filters out tiny particles such as dust, bacteria, etc. in the air. The same as most of the fresh air system ventilation equipment on the market, the fresh air system is highly efficient; the combustion chamber can not only filter and remove large particles of dust, pollen and insects, but also capture bacteria and dust. Fresher, healthier air for you and your family. For allergy sufferers, clean air can greatly reduce the damage caused by allergies and other breathing problems.

After the complete heat exchange system purification box is used, it can effectively prevent particulate matter, bacteria, dust, dust and other harmful substances in the atmospheric environment from being directly sent into the room through the fresh air duct, resulting in the accumulation of pollutants in the indoor environment and the continuous increase in the concentration of particulate matter.

Wall hanging Fresh Air Ventilation



Model	AD 150 A
Voltage	220V
Frequency	50Hz
Power	25W
Fresh air	150m ³ /h
Anion concentration	6000cm
Noise	20-45dB
Size	610*386*138mm
Weight	5.7KG

Brief:

This product is a two-way full-heat fresh air wall-mounted machine, with a modern and simple style design, pure white which is suitable for various decoration styles. Although the two-way ventilation passes through the pipe, the fresh air flows through the filter, then the dust, PM2.5 and other pollutants in the air are filtered. After being adjusted by the exchange core, the humidity of the fresh air is close to the indoor air. At the same time, the indoor polluted air is filtered and discharged after heat exchange, which can continuously provide high-performance and high-efficiency ventilation.

This device can be wall-mounted and installed in living areas such as bedrooms, living rooms, dining rooms, children's rooms, and study rooms.

The product has the remarkable features of easy installation, low energy saving and low maintenance cost.

Functions:

- Sleep mode function
- Room purification mode function
- Temperature detection function
- PM2.5 detection function
- VOC detection function
- Filter replacement reminder function

Floor Standing Cabinet Fresh Air Ventilation



Air flow	400m ³ /h	Size	380*450*1400
Purification rate	pm2.5-99.9%	Noise	35dB
Heat Reclam	80-90%	Weight	52 kg
Power supply	AC220V/50Hz	Workable area	60m ²
Power output	HOW	Application	After decoration
Air flow	800m ³ /h	Size	420*550*1800
Purification rate	pm2.5 99.9%	Noise	45dB
Heat Reclam	80-90%	Weight	80 kg
Power supply	AC220V/50Hz	Workable area	90m ²
Power output	160W	Application	After decoration

Product features:

1. High purification

Using primary effect filtration + activated carbon + high efficiency filtration E-level purification method, 99.9% purification of PM2.5.

2. High heat recovery efficiency

The top plate heat exchanger is adopted, which has a large heat exchange area and a long service life. It can recover more than 80% of the energy, and can reduce the energy consumption of the air conditioning system by 20-30%.

3. Super power saving

The brushless DC fan is selected to realize available frequency adjustment, which saves more than 40% of electricity compared with the AC fan.

4. Easy to maintain

It adopts low-level surface installation, the door is very convenient to open, and the internal parts can be taken out for cleaning or replacement; No need frequent cleaning and maintenance.

5. Automatic intelligent control

Adopt intelligent control system and AI control interface, such as dust monitoring, frequency adjustment, carbon dioxide control air volume, APP remote control, energy consumption measurement, etc., so that the equipment can fully exert its performance and always be in an ideal state.

Enterprise qualification:



Draught Distributing Box

One to Seven

Metal type available



Control Panel



Composite Hoses



Model	Artical NO.	Size	Color	Material
FR-80G	882080	80	Grey	Steel wire+AL foil
FR-100G	882100	100	Grey	Steel wire+AL foil
FR-125G	882125	125	Grey	Steel wire+AL foil
FR-150G	882150	150	Grey	Steel wire+AL foil
FR-200G	882200	200	Grey	Steel wire+AL foil
FR-315G	882315	315	Grey	Steel wire+AL foil

Fresh Air Outlet



Model	Artical NO.	Size	Color	Material
JS 513	603075	75mm	Porcelain white	ABS
JS 526	603100	100mm	Porcelain white	ABS
JS-518	603150	150mm	Porcelain white	ABS
JS-538	603200	200mm	Porcelain white	ABS

Fresh Air PE Pipe



Model	Artical NO.	Size	Color	Material
ZHF-75	570100	75	Light green	ABS
ZHF-100	570120	100	Light green	ABS
ZHF-160	570120	100	Light green	ABS

SS Rain-proof Cap



Model	Artical NO.	Size	Material	D	D1	D2	D3	H1	H2
JS 521	605080	80	SS	121	78	83	59	35	96
JS 522	605100	100	SS	146	98	88	67	40	110
JS 523	605120	120	SS	146	119	88	67	40	114
JS 525	605150	150	SS	205	146	127	93	45	148
JS-526	605200	200	SS	205	178	127	93	57	164
JS-527	605250	250	SS	240	192	147	113	58	179
JS-528	605300	300	SS	325	252	190	145	58	200

Lintel Unit



Model	Artical NO.	Size	Color	Material
GLQ-75	700075	75	Porcelain white	ABS
GLQ-110	700110	110	Porcelain white	ABS
GLQ-160	700160	180	Porcelain white	ABS

Round Duct Fan



External rotor Round Duct Fan						
Model	Voltage	Power	RPM	Air flow	PRESSURE	Noise
NO	V	W	r/min	m³/h	Pa	dB(A)
HF100	220	35	2500	220	150	31
HF125	220	45	2500	310	180	34
HF150	220	75	2500	540	300	38
HF200	220	130	2500	900	380	45