



MENRED
Group

曼瑞德集团有限公司

Welcome to MENRED



Innovation for Building Carbon Neutrality



About Us

Breathe Comfort, Live Carbon-Neutral

Zhejiang Menred Environmental Technology Co., Ltd. established in 1995 and headquartered in Jiaxing, Zhejiang, Menred-air operates as a pioneering force under the Menred Group, dedicated to advancing carbon-neutral technologies and sustainable building practices. For nearly three decades, we have engineered innovative systems that transform indoor spaces into healthier, energy-efficient environments, aligning with global carbon neutrality goals.



200⁺

Patents

1,000⁺

Cooperative Partner

50⁺

OEM/ODM Project

\$10M⁺

Annual Production Capacity



China's "Hidden Champions"

Pre-Certified Products for Major Markets (CE, UKCA, ISO)





Founded in 1995, MENRED Group holds CNAS laboratory accreditation and is a partner of the National Key Laboratory for Future Buildings.



Yu Xiaolong

CTO
Senior Engineer



Yu Dongming

Chief Scientist



Chen Wei

CEO
Senior Engineer



Zhang Ziping

Director of the Institute



Zheng Juhui

CFO
Senior Engineer

Project of the National Key R&D Program during the "13th Five-Year Plan" Period
Development of Near-Zero Energy Consumption Building Technology Systems and Key Technologies



S5

ERV Fresh Air System

Ceiling-Mounted

Value-packed

Optional



Ductwork Available



Touch Screen Controller



Air Quality Sensor



Air Volume

350m³/h



Applicable Area

UP TO 200m²



ebmpapst
DC Fan



Toray (Japan)
Filtration

G4+HEPA



High-efficiency
Heat Exchanger

Model	S5
Power Supply	220V~ 50Hz
Max Airflow	400m³/h
Rated Airflow	350m³/h
Max Power	220W
Rated Power	165W
Supply Fan Static Pressure	80Pa
Exhaust Fan Static Pressure	50Pa
Cooling Efficiency	58.7%
Heating Efficiency	70.4%
Fresh Air Volume	343m³/h
Fresh Air Ratio	97.87%
PM2.5 Filtration	99%
Noise	39.5dB(A)
Weight	30Kgs
Unit Fresh Air Energy Consumption	0.47W/(m³/h)
Dimension	990*720*230mm

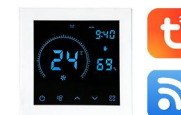
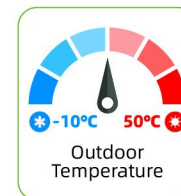
P5

ERV Fresh Air System

Ceiling-Mounted

H-Performance

Optional



Ductwork Available



Touch Screen Controller



Air Quality Sensor



Air Volume

350m³/h



Applicable Area

UP TO 200m²



ebmpapst
DC Fan



Toray (Japan)
Filtration

G4+HEPA



High-efficiency
Heat Exchanger

Model	P5
Power Supply	220V~ 50Hz
Max Airflow	450m³/h
Rated Airflow	350m³/h
Max Power	220W
Rated Power	135W
Supply Fan Static Pressure	80Pa
Exhaust Fan Static Pressure	50Pa
Cooling Efficiency	69%
Heating Efficiency	77%
Fresh Air Volume	340m³/h
Fresh Air Ratio	97%
PM2.5 Filtration	97%
Noise	38dB(A)
Weight	36Kgs
Unit Fresh Air Energy Consumption	0.38W/(m³/h)
Dimension	1125*720*230mm

N5

ERV Fresh Air System

Ceiling-Mounted

Standard



Ductwork Available



Air Volume
350m³/h



Applicable Area
UP TO 200m²



Powerful Motor
AC Fan



Toray (Japan) Filtration
G4+HEPA



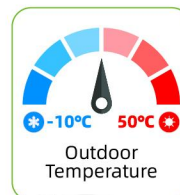
High-efficiency Heat Exchanger

Model	N5
Power Supply	220V~ 50Hz
Max Airflow	400m ³ /h
Rated Airflow	350m ³ /h
Max Power	270W
Rated Power	260W
Exhaust Fan Static Pressure	90Pa
Cooling Efficiency	58.5%
Heating Efficiency	71%
Fresh Air Ratio	97%
PM2.5 Filtration	97%
Noise	39dB(A)
Weight	31Kgs
Unit Fresh Air Energy Consumption	0.49W/(m ³ /h)
Dimension	990*720*230mm

ERV Fresh Air System

Ceiling-Mounted

H-Performance



Ductwork Available



Optional



Touch Screen Controller



Air Quality Sensor



Air Volume Range
350m³/h



Applicable Area
UP TO 200m²



Nidec
DC Fan



Toray (Japan) Filtration
G4+HEPA



High-efficiency Heat Exchanger

Model	ERV.350E
Power Supply	220V~ 50Hz
Max Airflow	450m ³ /h
Rated Airflow	350m ³ /h
Max Power	220W
Rated Power	108W
Supply Fan Static Pressure	95Pa
Exhaust Fan Static Pressure	85Pa
Cooling Efficiency	65.5%
Heating Efficiency	74.5%
Fresh Air Volume	335m ³ /h
Fresh Air Ratio	96%
PM2.5 Filtration	97%
Noise	36dB(A)
Weight	45Kgs
Unit Fresh Air Energy Consumption	0.31W/(m ³ /h)
Dimension	1220*785*240

IEC ERV Fresh Air System

Ceiling-Mounted

One-Piece EPP



Optional



Touch Screen Controller



Air Quality Sensor



Ductwork Available



Air Volume

350m³/h



Applicable Area

UP TO 200m²



ebmpapst
DC Fan



Toray (Japan)
Filtration

HEPA



High-efficiency
Heat Exchanger

Model	IEC.350E (GB)
Power Supply	220V~ 50Hz
Max Airflow	400m ³ /h
Rated Airflow	350m ³ /h
Max Power	180W
Rated Power	180W
Cooling Efficiency	69%
Heating Efficiency	77%
Fresh Air Ratio	100%
PM2.5 Filtration	99%
Noise	36dB(A)
Weight	35Kgs
Unit Fresh Air Energy Consumption	0.37W/(m ³ /h)
Dimension	1130*790*250mm

G3 ERV Fresh Air System

Wall-Mounted

One-Piece EPP



Optional



Touch Screen Controller



Ductwork Available



Built-In Sensor



Air Volume

210m³/h



Applicable Area

UP TO 100m²



ebmpapst
DC Fan



Toray (Japan)
Filtration

HEPA



High-efficiency
Heat Exchanger

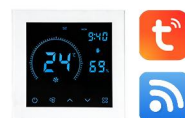
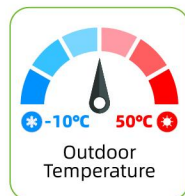
Model	G3
Power Supply	220V~ 50Hz
Max Airflow	320m ³ /h
Rated Airflow	210m ³ /h
Max Power	210W
Rated Power	98W
Cooling Efficiency	65.5%
Heating Efficiency	73%
Fresh Air Ratio	96%
PM2.5 Filtration	97%
Noise	39dB(A)
Weight	19Kgs
Unit Fresh Air Energy Consumption	0.37W/(m ³ /h)
Dimension	600*460*365mm

RC1 ERV Fresh Air System

Ceiling-Mounted

Energy-Efficient

Optional



Ductwork Available



Air Volume
350m³/h

Applicable Area
UP TO 200m²

ebmpapst
DC Fan

Toray (Japan) Filtration
G4+HEPA

High-efficiency
Heat Exchanger

Model	RC1.350E
Power Supply	220V~ 50Hz
Max Airflow	500m³/h
Rated Airflow	350m³/h
Max Power	220W
Rated Power	165W
Supply Fan Static Pressure	80Pa
Exhaust Fan Static Pressure	50Pa
Cooling Efficiency	58.5%
Heating Efficiency	71%
Fresh Air Ratio	97%
PM2.5 Filtration	97%
Noise	35dB(A)
Weight	30Kgs
Connection Location	L/R
Dimension	730*730*250mm

RC2 Fresh Air System

Wall-Mounted

Easy to Maintain

Outdoor Temperature



Ductwork Available



Optional



ebmpapst
DC Fan

Air Volume
350m³/h

Toray (Japan) Filtration
G4+HEPA

Applicable Area
UP TO 200m²

High-efficiency
Heat Exchanger

Model	RC2.350E
Power Supply	220V~ 50Hz
Max Airflow	580m³/h
Rated Airflow	350m³/h
Max Power	335W
Rated Power	98W
Supply Fan Static Pressure	80Pa
Exhaust Fan Static Pressure	50Pa
Cooling Efficiency	56%
Heating Efficiency	68%
Fresh Air Volume	346.5m³/h
Fresh Air Ratio	99%
PM2.5 Filtration	99%
Noise	36dB(A)
Weight	48Kgs
Unit Fresh Air Energy Consumption	0.28W/(m³/h)
Dimension	940*695*405mm

G4

ERV Fresh Air System

Floor Mounted

Built-in Air Sensor

Outdoor Temperature



Ductwork Available

Built-In Air Quality Sensors

Optional



Air Volume
350m³/h



Applicable Area
UP TO 200m²



ebmpapst
DC Fan



Toray (Japan)
Filtration
G4+HEPA



High-efficiency
Heat Exchanger

Model	G4
Power Supply	220V~ 50Hz
Max Airflow	480m³/h
Rated Airflow	350m³/h
Max Power	195W
Rated Power	130W
Supply Fan Static Pressure	100Pa
Exhaust Fan Static Pressure	50Pa
Cooling Efficiency	61%
Heating Efficiency	71%
Fresh Air Volume	347m³/h
Fresh Air Ratio	99%
PM2.5 Filtration	99.2%
Noise	37dB(A)
Weight	65Kgs
Unit Fresh Air Energy Consumption	0.37W/(m³/h)
Dimension	1360*630*400mm

G7

ERV Fresh Air System

Wall-Mounted

Built-in Air Sensor

Outdoor Temperature



Ductwork Available

Built-In Air Quality Sensors

Optional



Air Volume
350m³/h



Applicable Area
UP TO 200m²



ebmpapst
DC Fan



Toray (Japan)
Filtration
G4+HEPA



High-efficiency
Heat Exchanger

Model	G7
Power Supply	220V~ 50Hz
Max Airflow	450m³/h
Rated Airflow	350m³/h
Max Power	220W
Rated Power	130W
Supply Fan Static Pressure	80Pa
Exhaust Fan Static Pressure	50Pa
Cooling Efficiency	65.5%
Heating Efficiency	73%
Fresh Air Volume	334m³/h
Fresh Air Ratio	98.2%
PM2.5 Filtration	98%
Noise	39dB(A)
Weight	57Kgs
Unit Fresh Air Energy Consumption	0.37W/(m³/h)
Dimension	940*630*405mm

BE

HRV Ductless Fresh Air Unit.

Ductless

Single Room

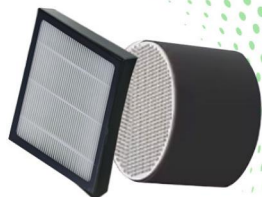


HRV
Ductless



Regeneration
Efficiency UP
TO **96%**

H11 Hepa Filter



Air Volume
60m³/h



Applicable Area
30m²



Power-Saving
Low-Noise



Filter
Assembly
G4+HEPA



High-efficiency
**Heat
Exchanger**

Model	BE160
Power Supply	220V~ 50Hz
Max Airflow	70m ³ /h
Rated Power	23W
Duct Diameters	160mm
Cooling Efficiency	55%
Heating Efficiency	60%
Fresh Air Ratio	90%
PM2.5 Filtration	96%
Noise	49.6dB(A)
Weight	3Kgs
Dimension	230*230*240/520mm

BE

HRV Ductless Fresh Air Unit.

Ductless

Single Room



HRV
Ductless



Regeneration
Efficiency UP
TO **96%**

H11 Hepa Filter



Air Volume
60m³/h



Applicable Area
30m²



Power-Saving
Low-Noise



Filter
Assembly
HEPA



High-efficiency
**Heat
Exchanger**

Model	BE120
Power Supply	220V~ 50Hz
Max Airflow	60m ³ /h
Rated Power	7W
Duct Diameters	120mm
PM2.5 Filtration	95%
Noise	47dB(A)
Weight	1.41Kgs
Dimension	240*240*240mm

BE

HRV Ductless Fresh Air Unit.

Wall-Mounted

Single Room

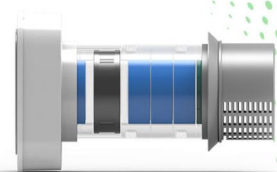


HRV
Ductless



Regeneration
Efficiency UP TO **96%**

H11 Hepa Filter



Air Volume
60m³/h



Applicable Area
30m²



Power-Saving
Low-Noise



Filter
Assembly
G4+HEPA



High-efficiency
**Heat
Exchanger**

Model	BE200
Power Supply	220V~ 50Hz
Max Airflow	60/30/12m ³ /h
Rated Power	6/4/3W
Duct Diameters	200mm
PM2.5 Filtration	96%
Noise	28/26/23dB(A)
Weight	5.5Kgs
Dimension	295*295*540mm

S1

Smart O2 Air Purifier



Wall-Mounted

2 Person Room



Air Volume
60m³/h



Applicable Area
30m²



Healthy Sleep
Low-Noise



ebm papst
AC Fan



Filter
**G4+HEPA+
Active Carbon**

Model	Smart O2 S1
Power Supply	220V~ 50Hz
Rated Airflow	60/30m ³ /h
Rated Power	6/4W
Duct Diameters	110mm
PM2.5 Filtration	96%
Noise	26/21dB(A)
Weight	5.3Kgs
Dimension	400*445*400mm

IDEH

Fresh air DeHumidifier

Ceiling-Mounted

Dehumidifier



Ductwork Available

 Dehumidification
42L/D

 Air Volume
300m³/h

 Applicable Area
UP TO 200m²

 **ebm papst**
DC Fan

 Filter Assembly
G4+HEPA

Model	DEH60
Power Supply	220V~50Hz
Max Airflow	500m³/h
Rated Airflow	300m³/h
Rated Power	780W
Rated Static Pressure	100Pa
Dehumidification	42L/D(30° C/80%RH)
Dehumidification Power	660W(30° C/80%RH)
Dehumidification	26L/D(27° C /60%RH)
Dehumidification Power	560W(27° C /60%RH)
Refrigerant/Charge	R410A/330g
PM2.5 Filtration	96.5%
Noise	35dB(A)
Weight	58Kgs
Dimension	1170*615*270mm

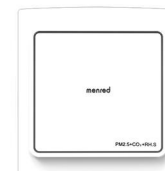
G2

Fresh Air DeHumidifier

Wall-Mounted

Dehumidifier

Outdoor Temperature



Ductwork Available

 Dehumidification
60L/D

 Air Volume
350m³/h

 **ebm papst**
DC Fan

 Applicable Area
UP TO 200m²

 Toray (Japan)
Filtration
HEPA

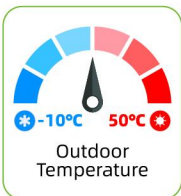
Model	G2
Power Supply	220V~50Hz
Max Airflow	500m³/h
Rated Airflow	300m³/h
Max Power	1000W
Rated Power	850W
Dehumidification	60L/D(30° C/80%RH)
Dehumidification	39L/D(27° C /60% RH)
Dehumidification Power	850W(30° C/80%RH)
PM2.5 Filtration	98%
Noise	38dB(A)
Weight	60Kgs
Dimension	790*645*405mm

Q6

ERV Fresh Air Dehumidifier

Ceiling-Mounted

Dehumidifier



Ductwork Available

Dehumidification
80L/D

Air Volume
300m³/h

Applicable Area
UP TO 200m²

Nidec
DC Fan

Toray (Japan)
Filtration
G4+HEPA

Model	Q6
Power Supply	220V~ 50Hz
Max Airflow	500m³/h
Rated Airflow	300m³/h
Rated Power	660W
Dehumidification	42L/D(30° C/80%RH)
Dehumidification Power	660W(30° C/80%RH)
ERV Dehumidification	80L/D(30° C /80%RH)
ERV Dehumidification Power	620W(30° C /80%RH)
Cooling Efficiency	57%
Heating Efficiency	65%
Fresh Air Ratio	98%
PM2.5 Filtration	97%
Noise	34dB(A)
Weight	83Kgs
Dimension	1420*800*270mm

H6

ERV Fresh Air Humidifier

Ceiling-Mounted

Humidifier



Ductwork Available

Humidification
60L/D

Air Volume
300m³/h

Applicable Area
UP TO 200m²

Nidec
DC Fan

Toray (Japan)
Filtration
G4+HEPA

Model	H6
Power Supply	220V~ 50Hz
Rated Airflow	300m³/h
Rated Power	80W
Humidification	2L/h
ERV Humidification	2.5L/h
Water Resistance	37kPa
Water Flow Rate	0.5m³/h
Cooling Efficiency	57%
Heating Efficiency	65%
Fresh Air Ratio	98%
PM2.5 Filtration	96.5%
Noise	34dB(A)
Weight	69.5Kgs
Dimension	1420*865*270mm

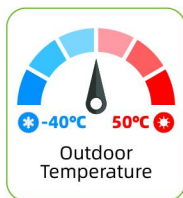
W5

Cold-resistant HRV

Built-in Preheater

Bypass Damper

HRV



Condensate drain pan

Ductwork Available

 Air Volume
350m³/h

 Applicable Area
UP TO 200m²

 **ebmpapst**
EC Fan

 Toray (Japan)
Filtration
G4+HEPA

 High-efficiency
Heat Exchanger

Model	W5
Power Supply	220V~ 50Hz
Rated Airflow	350m ³ /h
Max Airflow	500m ³ /h
Rated Power	135W
External Static Pressure of Exhaust Fan	50Pa
External Static Pressure of Supply Fan	100Pa
Filter Efficiency	98%
Heating Efficiency	90.3%
Cooling Efficiency	72%
Noise	39dB(A)
Weight	75Kgs
Dimension	1360*555*505mm

G5

Floor Standing Energy Recovery Ventilator

Floor Mounted

One-Piece EPP

 **ebmpapst**
DC Fan

Outdoor Temperature



 Air Volume
500m³/h

 Toray (Japan)
Filtration
G4+HEPA

 Applicable Area
UP TO 400m²

 High-efficiency
Heat Exchanger



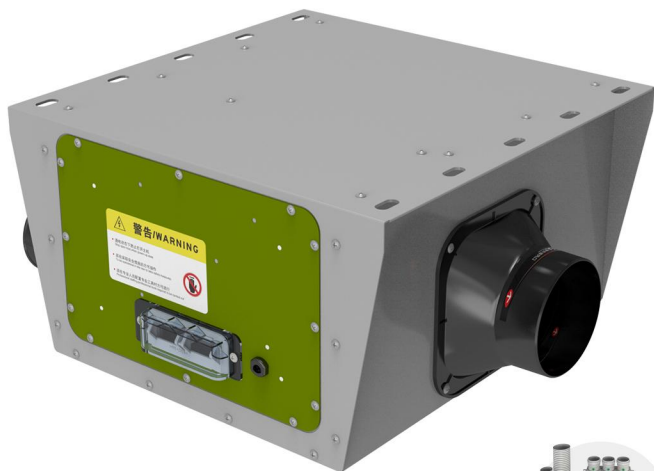
Model	G5
Power Supply	220V~ 50Hz
Max Airflow	500m ³ /h
Rated Power	135W
Filtration Efficiency	99%
Rated Noise	43.9dB(A)
Weight	65Kgs
Dimension	560*440*1755mm

BR

Bathroom Exhaust Fan

Ceiling-Mounted

Auto Detection



Auto-Operation
Fully Automatic



Air Volume
50/300 m³/h



Power-Saving
Low-Noise



Nidec
DC Fan



Built-in Sensor
VOCs PM2.5

Outdoor Temperature



Built-In Sensors



Ductwork Available

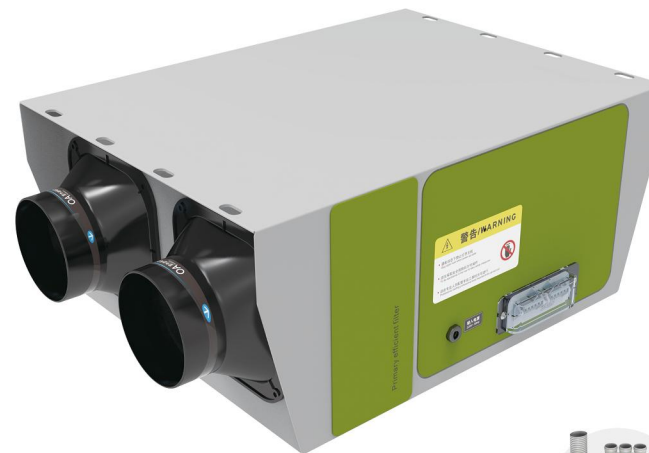
Model	BR300
Power Supply	220V~ 50Hz
Max Airflow	300m³/h
Rated Airflow	50m³/h
Max Power	32W
Rated Power	3W
Function	Auto-activates when PM2.5/VOC exceeds standard levels
Noise	28dB(A)
Weight	12Kgs
Dimension	520*435*235mm

KC

Kitchen Air Supply Fan

Ceiling-Mounted

Kitchen



Air Volume
500m³/h



Range Hood Linkage
Fast Air Supplement



Nidec
DC Fan



Filter Assembly
G4

Outdoor Temperature



Range Hood Linkage



Ductwork Available

Model	KC500
Power Supply	220V~ 50Hz
Rated Airflow	500m³/h
Rated Power	78W
Function	Air Supply/Air Purifier
Pipe Diameter	110/160mm
Noise	36dB(A)
Weight	12Kgs
Dimension	630*400*235mm

IEU

New Full Air System

Floor Mounted

HP-ERV



Ductwork Available



Optional



Touch Screen Controller



Air Quality Sensor



Dehumidification
200L/D



Air Volume
500m³/h



Applicable Area
UP TO 200m²



ebmpapst
DC Fan



Toray (Japan)
Filtration
G4+HEPA

Model	IEU500D	IEU800D
Power Supply	220V~ 50Hz	220V~ 50Hz
Rated Airflow(m³/h)	500	800
Rated Power(W)	90	140
Dehumidification(L/h) (30° C/80%RH)	7.2	8.4
Cooling Capacity(kW)	4.3	6
Heating Capacity(kW)	3.55	5.15
PM2.5 Filtration(%)	96	95
Water Flow Rate (m³/h)	0.8	1.1
Water Pressure (kPa)	20	42
Noise(dB(A))	37	56
Weight(Kgs)	33	36
Dimension(mm)	850*730*275	965*1035*280

FO

Fresh Air Air Conditioner

Ceiling-Mounted

HP-ERV



Ductwork Available



Dehumidification
216L/D



Air Volume
2500m³/h



Applicable Area
UP TO 200m²



ebmpapst
DC Fan



Toray (Japan)
Filtration
G4+HEPA

Model	FO500-2500
Power Supply	220V/380V~ 50Hz
Rated Airflow(m³/h)	500/800/1500/2500
Rated Power (W)	215/300/600/800
Cooling Efficiency (%)	76/73/71/70
Heating Efficiency (%)	67.5/67/66/65
Cooling Capacity (kW)	9.5/15/28/47
Heating Capacity (kW)	7.2/12/21/36
Dehumidification Capacity(L/h)	1.7/3/5/9
PM2.5 Filtration(%)	98/96
Noise (dB(A))	46/48
Water Flow Rate (m³/h)	1
Weight (kg)	120/130/495

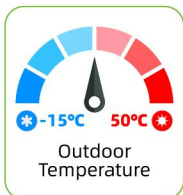
G6

ERV with Heat Pump

Floor Mounted

HP-ERV

Recirculation Air Volume



Ductwork
Available



Dehumidification
76L/D



Air Volume
350m³/h



Applicable Area
**UP TO
200m²**



ebmpapst
DC Fan



Toray (Japan)
Filtration
G4+HEPA

Model	G6
Power Supply	220V~ 50Hz
Rated Airflow	350/600m³/h
Rated Power	130/295W
Cooling Efficiency	67%
Heating Efficiency	72%
Fresh Air Volume	345m³/h
Fresh Air Ratio	98.5%
PM2.5 Filtration	99.8%
Cooling/Heating Capacity	6421/5114W
Cooling/Heating Power	1388/1617W
Cooling/Heating COP	4.62/3.16
Reheat Dehumidification Capacity	3.2L/h
Noise	39dB(A)
Weight	87Kgs
Unit Fresh Air Energy Consumption	0.37W/(m³/h)
Dimension	630*450*1730mm

IEU

ERV with Heat Pump

Wall-Mounted

HP-ERV

Recirculation Air Volume



Ductwork
Available



Dehumidification
150L/D



Air Volume
350m³/h



Applicable Area
**UP TO
200m²**



ebmpapst
DC Fan



Toray (Japan)
Filtration
G4+HEPA

Model	IEU70D300.1
Power Supply	220V~ 50Hz
Rated Airflow	350m³/h
Fresh Air Volume	300m³/h
Recirculation Air Volume	700m³/h
Supply Air Volume	1,000m³/h
Fresh Air Power	90W
Cooling Power	2507W
Heating Power	2618W
Cooling Capacity	7269W
Heating Capacity	7835W
Cooling COP	2.71W/W
Heating COP	2.99W/W
Dehumidification Capacity	150L/24h
Noise	40dB(A)
Weight	95Kgs
Dimension	1645*925*280mm

IEU

New Full Air System

Wall-Mounted

HP-ERV

Outdoor Temperature



Ductwork Available

Built-In Quality Sensors



Air Volume
1000m³/h

Applicable Area
UP TO 200m²

Dehumidification
384L/D

ebmpapst
DC Fan

Toray (Japan)
Filtration
G4+HEPA

Model	IEU2000L400
Power Supply	380V~ 50Hz
Supply Air Volume (m ³ /h)	2000/3000/5000
Fresh Air Volume (m ³ /h)	400/500/1000
Cooling Efficiency (%)	65
Heating Efficiency (%)	78
Cooling Capacity (kW)	15.13/25/40
Heating Capacity (kW)	11.68/16/30
Dehumidification Capacity (L/h)	6.8/10/16
Recirculation Air Filtration (%)	90
Fresh Air Filtration (%)	97
PM2.5 Filtration (%)	96
Noise (dB(A))	43/45/47
Water Flow Rate (m ³ /h)	2.4/4.5/6.7
Weight (kg)	170/200/465

P Three-In-One Swimming Pool Dehumidification Heat Pump

Floor Mounted

Three-In-One

Outdoor Temperature



Customization Supported

Ductwork Available

Dehumidification
600L/D

Air Volume
2700m³/h

High-efficiency
Heat Exchanger

Water Area
100-125 m²

Applicable Area
1,500 m²

Model	PMQ25
Power Supply	3N-50Hz-380V
Max Airflow	2700-4500m ³ /h
Fan Power	1.1kW
Heating Capacity	28.5kw
Dehumidification	25L/h
Refrigerant Type	R22
Control Method	Manual Touch Screen
Power Cord Configuration Specification (≤ 20m)	4mm
Weight	220Kgs
Dimension	800*500*1850mm



Industrial Single Flow Ventilator

Ceiling-Mounted

Commercial



Outdoor
Temperature



Ductwork
Available



Air Volume
**300-2,000
m³/h**



Applicable Area
50-300m²



Yili da
AC Fan



Filter
Assembly
G4



Power-Saving
Low-Noise

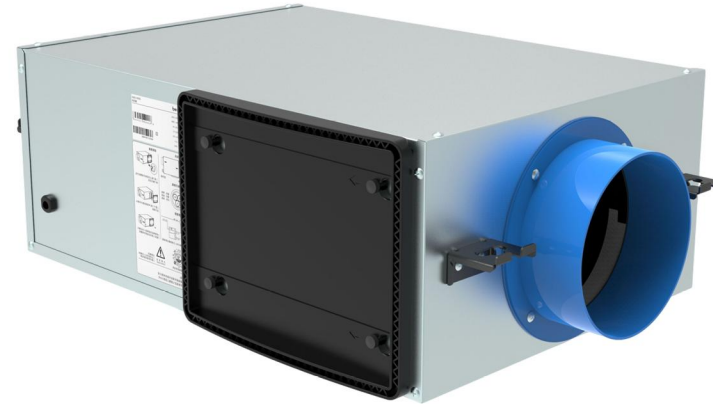
Model	U500M835	U800M834	U1000M833	U1500M832	U2000M831
Volt(V/Hz)	220/50	220/50	220/50	220/50	220/50
Airflow(m³/h)	500/420/300	800/600/500	1000/800/600	1500/1300/1000	2000/1800/1500
Power(W)	71/58/54	94/64/54	140/115/103	275/240/229	480/415/385
Noise(dB(A))	35/34/33	37/35/34	39/37/35	38/37/36	39/38/37
Weight(Kgs)	11.5	13.5	16.5	28.0	33.6

NEW

Single Flow Ventilator

Ceiling-Mounted

One-Piece EPS



Optional
2-Speed
Switch



Ductwork
Available



Air Volume
350m³/h



Applicable Area
**UP TO
200m²**



Power-Saving
Low-Noise



Nidec
DC Fan



Toray (Japan)
Filtration
HEPA

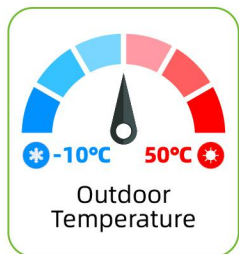
Model	NEW5.350A
Power Supply	220V~ 50Hz
Rated Airflow	350m³/h
Rated Power	95W
Noise	37.8(A)
Weight	6.5Kgs
Dimension	630*380*200mm

NET

Industrial Ventilation

Ceiling-Mounted

ERV



Ductwork Available



Air Volume
600-10,000 m³/h



Applicable Area
200-2,000 m²



Yili da
AC Fan



Filter Assembly
G4



High-efficiency
Heat Exchanger



Sturdy Profile
Multi-Layer Stability

Model	NET.500	NET.800	NET.1000	NET.1500	NET.2000	NET.2500	NET.3000	NET.5000	NET.10000
Power Supply	220V~ 50Hz	220V~ 50Hz	220V~ 50Hz	220V~ 50Hz	220V~ 50Hz	220V~ 50Hz	220V~ 50Hz	380V~ 50Hz	380V~ 50Hz
Airflow(m³/h)	500/400/300	800/700/600	1,000/800/600	1,500/1,200/1,100	2,000/1,600/1,200	2,500/2,000/1,500	3,000/2,300/1,700	5,000	10,000
Power(W)	405/290/205	615/510/415	540/505/490	690/566/487	1,050/923/853	1,545/1,190/957	2,000/1,540/1,160	1,800	3,010
Noise(dB(A))	48/44/37	52/49/45	54/52/45	55/53/47	56/54/48	57/55/49	58/56/49	60	72
Weight(Kgs)	56	66	96	168.5	161	201	220	532	623
Dimension(mm)	1,250*985*305	1,225*1,285*320	1,510*1,275*420	1,645*1,570*505	1,900*1,070*690	1,900*1,570*690	1,900*1,570*690	2,300*1,710*1,085	2,800*1,715*1,235

NET

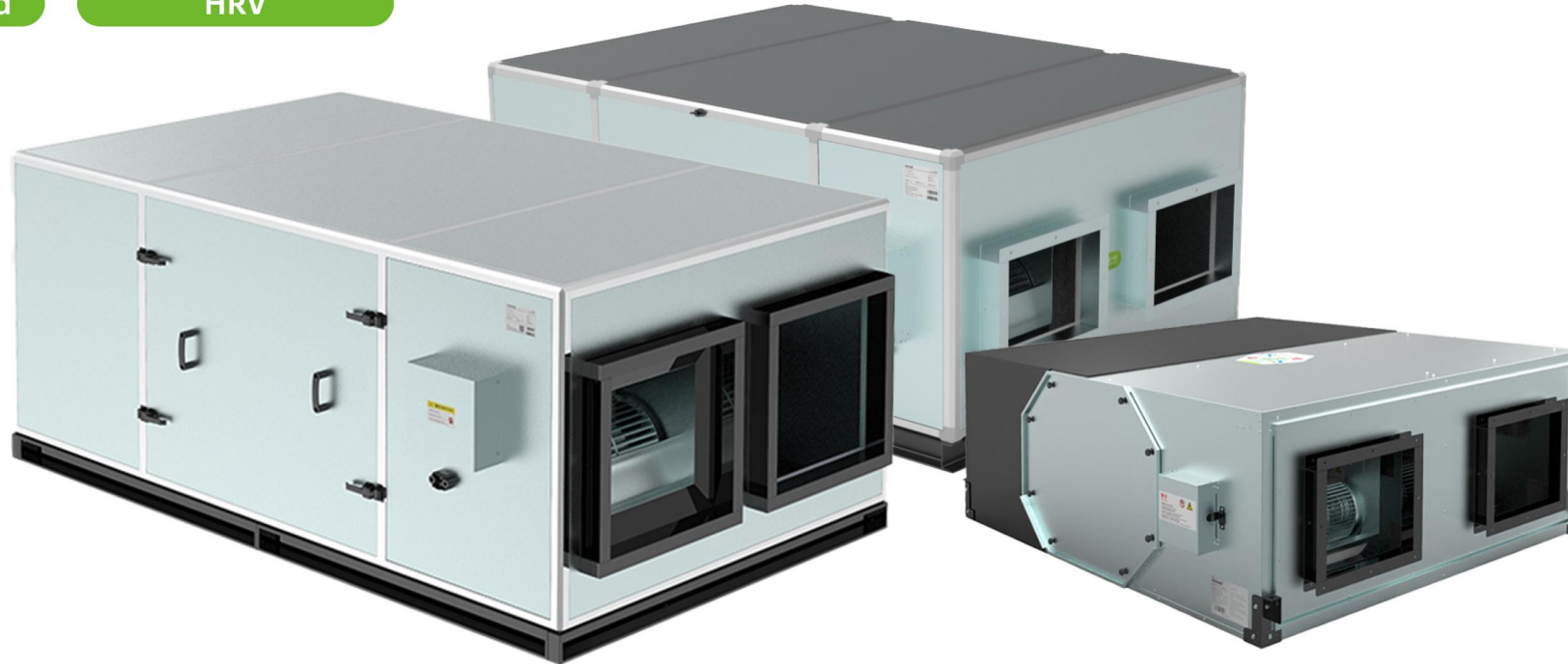
Industrial Ventilation

Ceiling-Mounted

HRV



Ductwork
Available



Air Volume
600-10,000
m³/h



Applicable Area
200-2,000
m²



Yili da
AC Fan



Filter
Assembly
G4



High-efficiency
Heat
Exchanger



Sturdy Profile
Multi-Layer
Stability

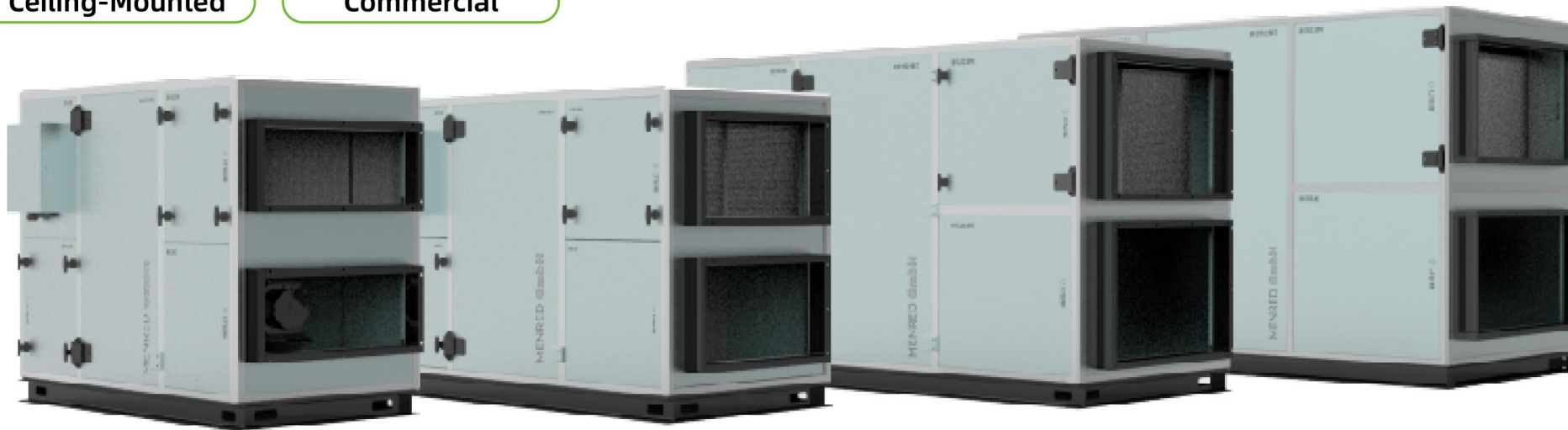
Model	NET.1500	NET.2000	NET.2500	NET.3000
Power Supply	220V~ 50Hz	220V~ 50Hz	220V~ 50Hz	220V~ 50Hz
Airflow(m³/h)	1,500/1,200/1,100	2,000/1,600/1,200	2,500/2,000/1,500	3,000/2,300/1,700
Power(W)	690/566/487	1,050/923/853	1,545/1,190/957	2,000/1,540/1,160
Heating Efficiency(%)	53.7	59	59.6	59
Drain Pan	Yes	Yes	Yes	Yes
Noise(dB(A))	55/53/47	61/63/65	57/55/49	58/56/49
Weight(Kgs)	168.5	161	201	220
Dimension(mm)	1,645*1,570*505	1,900*1,070*690	1,900*1,570*690	1,900*1,570*690

NET

Rotary Total Heat Recovery Ventilator Unit

Ceiling-Mounted

Commercial



Outdoor Temperature



Thermal-Break
Aluminum Profile
Structure

Reserved RS-485
Communication
Port

Upgradeable
AHU Module



Air Volume
5000
m³/h



Applicable Area
200-2,000
m²



ebmpapst
EC Fan



Toray (Japan)
Filtration
G4+F8



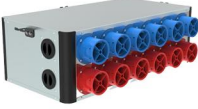
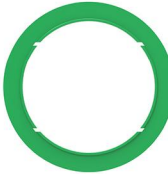
High-efficiency
**Heat
Exchanger**



ÖSTBERG
HEALTHY INDOOR CLIMATE
WITH ENERGY EFFICIENT VENTILATION
**Temperature
& Flow**

Model	NET.1500L	NET.1700L	NET.2000L	NET.3500L	NET.3800L	NET.5000L
Power Supply	380V ~ 50Hz	380V ~ 50Hz	380V ~ 50Hz	380V ~ 50Hz	380V ~ 50Hz	380V ~ 50Hz
Rated Airflow(m ³ /h)	1,500	1,700	2,000	3,500	3,800	5,000
Rated Power(W)	233	274	305	380	648	1100
Heat Exchange Efficiency(%)	79.8	79.9	80	79.8	79.8	79.6
Noise(dB(A))	66	66	68	73	78	83
Weight(Kgs)	480	420	560	850	850	1,000
Dimension(mm)	1,990*975*1,280	1,645*1,570*900	2,285*1,065*1,255	2,680*1,295*1,500	2,680*1,295*1,500	2,795*1,500*1,715

Fresh Air System Accessories

Picture	Model(mm)	Package	Picture	Description(mm)	Package	Picture	Description(mm)	Package	Picture	Description(mm)	Package
	E75.01 Double-Wall Corrugated Pipe Φ75	50M/Roll		E75.01-9 Air Distribution Plenum Box	1Pc/Box		E11.08 PE Pipe Connector Φ110	100Pc/Carton		E75.03 Air Outlet Vent Φ80	90Pc/Carton
	E11.01 Double-Wall Corrugated Pipe Φ110	40M/Roll					E16.06 PE Pipe Connector Φ160	64Pc/Carton		E11.03 Air Outlet Vent Φ110	60Pc/Carton
	E16.01 Double-Wall Corrugated Pipe Φ160	3M/Pc 6Pc/Pack									
	DN75 Customizable Metal Manifold	1Pc/Box		E11.04 Adjustable U-type Tee Φ110/75/75	24Pc/ Carton		E11.09 Flexible Flange Joint Φ110	4Pc/Box 32Box/ Carton		OA3.100 Stainless Steel Air Outlet Φ100mm	60Pc/Carton
				E16.02 Adjustable U-type Tee Φ160/110/110	16Pc/ Carton		E16.07 Flexible Flange Joint Φ160	4Pc/Box 18Box/ Carton		OA3.150 Stainless Steel Air Outlet Φ150mm	30Pc/Carton
	DN75.8 /8T Bellows Branch Connector	1Pc/Box		E11.05 Adjustable Slanted Tee Φ110/110/75	40Pc/ Carton		E75.04 PE Pipe Suspension Clip Φ75	100Pc/pack		T2.75 Ceiling-Mounted Air Vent Φ75mm	90Pc/Carton
				E16.03 Adjustable Slanted Tee Φ160/160/110	20Pc/ Carton		E11.10 PE Pipe Suspension Clip Φ110	200Pc/Carton		T2.100 Ceiling-Mounted Air Vent Φ100mm	60Pc/Carton
	E16.11 Tubular Silencer Φ160	1Pc/Box		E11.06 PE Pipe Elbow Φ110	60Pc/ Carton		E16.08 Multi-Clamp Adjustable Hanger Φ160	200Pc/Carton		T3.75 Ceiling-Mounted Air Vent Φ75mm	90Pc/Carton
				E16.04 PE Pipe Elbow Φ160	18Pc/ Carton					T3.100 Ceiling-Mounted Air Vent Φ100mm	60Pc/Carton
	E75.02 Quick-Connect Flanged Duct Joint Φ80	30Pc/ Carton		E11.07 PE Pipe Reducing Adapter Φ110/75	100Pc/ Caraton		E75.05 Sealing Ring Φ75	5Pc/Pack500Pack/ Carton		HF100 Return Air Box Φ100mm	60Pc/Carton
	E11.02 Quick-Connect Flanged Duct Joint Φ110	20Pc/ Carton		E16.05 PE Pipe Reducing Adapter Φ160/110	96Pc/ Caraton		E11.11 Sealing Ring Φ110	5Pc/Pack500Pack/ Carton		HF150 Return Air Box Φ150mm	30Pc/Carton
							E16.09 Sealing Ring Φ160	5Pc/Pack500Pack/ Carton			



Central Vacuum System

Central Vacuum

Source Factory

Vacuum kit

508/623 AW

Model	CVS3.16 W160/180
Product Type	Central Vacuum System
Power Supply	220V/50Hz
Rated Power	1650/1800W
Air Watt	508/623
Operating Principle	Mixed Cyclone
Vacuum Pressure (H2Omm)	3000/3500
Suction Inlet	Yes
Motor Self-Protection System	Yes
Silencer	External Muffler
Dust Capacity	20L
Dimension	∅ 280*910

Central Vacuum System Accessories

Picture	Model	Picture	Model	Picture	Model	Picture	Model
	F8200 (24m) PVC Vac Pipe		D272 Telescopic Pole		F8232 90° PVC Elbow -Hidden Type		D600 Vacuum Inlets Valve
	D280(9m) Low Voltage Hose		D210 Hose Bracket		F8233 45° PVC Elbow -Hidden Type		F8201 90° PVC Elbow
	D221 Floor Brush		D276 Telescopic Pole Bracket		F8234 22.5° PVC Elbow -Hidden Type		F8204 90° Short PVC Connector
	D223 Smooth Floor Brush		D291(11m) Retractable Vacuum Hose	 	D609 Inlet Valve- Hidden Type		F8203 90° Downstream Tee
	D247 Furniture Cover Brush		D332 Hose Handle for Retractable Hose				F8210 Pipe Connector

Central Vacuum System Accessories

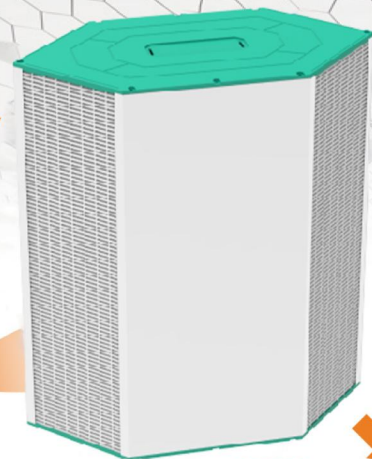
Picture	Model	Picture	Model	Picture	Model
	F8208 45° Pvc Elbow		F8222 Pipe Adapter		D255 Pet-Specific Brush
	F8209 45° Pvc Connector		F8217 Pipe Strap		C50 Stainless Steel Clamps
	F8206 30° Pvc Elbow		D608 Negative Pressure Tester		
	F8215 45° Inclined Tee		D500 Vacpan		
	F8216 Double Y-Shaped Tee		D700 Wallyflex		



High Efficient Cross Counterflow Heat Exchanger

High-efficiency Heat Exchange Material

- Upmost thermal performance
- Great air tightness with good rigidity
- Oxidation/Mildew resistance

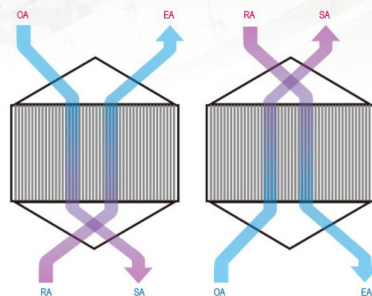


Ultra-high Heat Exchange Efficiency

The air flows counterflowly to extend the heat exchange time and make heat transfer more thoroughly

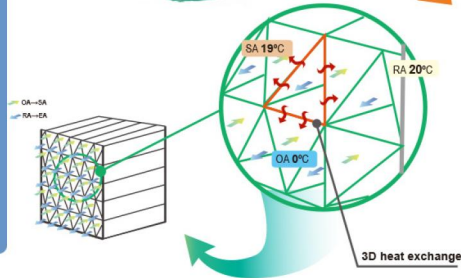
The heat recovery efficiency is up to

95%



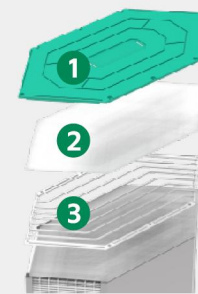
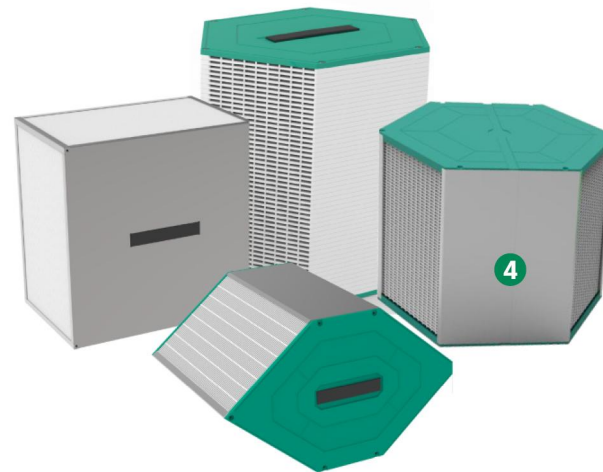
3D Heat Exchange Channel

In the channel, the air can transfer heat from three directions. The traditional heat transfer mode of the single-plane cross is updated to three-dimensional counter flow heat transfer mode, which increases the heat transfer area and improves the working efficiency greatly.



Washable Core, Easy To Clean

The core of heat exchanger is washable, No Replacement Needed.



- 1 ABS Cover
- 2 Nanoporous membrane
- 3 ABS Frame
- 4 SUS Cover

Antiviral
99%

Antimicrobial
99%

CNAS
certification

Polymer
without
internal
leakage

*OEM/Size Customizable

**OEM/Size Customizable: Only custom total height is supported.*



Reusable



Washable



Moisture
Resistance



Frost
Resistant



*OEM/Size
Customizable



Model	SPEC (mm)	Heigh (mm)	Layer. thickness (mm)	Type
CFH-366NC	366*366*196	345	2.85	Counter flow
CFH-397NC	397*172*246	345	2.85	Counter flow
CFE-366AC	366*366*196	250	2.35	Counter flow
CFE-366NC	366*366*196	495	2.5	Counter flow
CFE-366AC-T	366*366*196	250	2.35	Counter flow
CFE-400SC	400*200*200	452	2.35	Counter flow
CFE-400NC	400*200*200	452	2.35	Counter flow
CFE-385SC	385*185*110	448.5	2.5	Counter flow
CFE-258NC	258*131*130	390	2.3	Counter flow
CFE-506NC	506*506*194	307.5	2.5	Counter flow
XFE-332SC	332*332	230	2.35	Cross flow

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