FAN COIL | PREMIUM WATER AC | CEILING UNIT | AIR HANDLING UNIT | FRESH AIR UNIT

YESNCER

AURA
FAN COIL UNIT

No.1 Fan Coiler Online Sales in China

YESNCER



400-803-0833

www.yesncer.com

www.yuexinHVAC.com

YESNCER

 # Fan Coil Units
 # Air Handling Units
 # Fresh Air Ventilator
 # Chiller/Heat Pump



40 years
TECHNOLOGY ACCUMULATION

40000+ M²
MODERN PRODUCTION BASE

3000+
NATIONWIDE SERVICE NETWORK

100%
FULLY INSPECTED BEFORE SHIPMENT

ISO
QUALITY MANAGEMENT SYSTEM CERTIFICATION

CRAA
CRAA PRODUCT CERTIFICATION

CE
CE CERTIFICATION

RoHS
ROHS CERTIFICATION

Company Profile

YESNCER is a modern enterprise integrating R&D, production, sales, and service in the heating and cooling equipment industry. After over 40 years of development, it has grown into a leading innovator in the central air conditioning terminal unit sector. The company possesses a 40,000 square meter modern production base, equipped with advanced machinery and a strict quality inspection system to ensure products meet international first-class standards.

In terms of technological R&D, YESNCER has always been at the forefront of the industry. The company's R&D center has a technical team of 40 people who, driven by innovation, have overcome a series of technical challenges, bringing products to internationally leading levels. The self-developed inverter series fan coil units have won widespread acclaim from global users for their outstanding performance. The company owns a national-level comprehensive performance testing laboratory for air conditioning units and a -30° C ultra-low temperature enthalpy difference testing laboratory, ensuring product quality complies with international standards.

Currently, YESNCER products sell well in over 60 countries and regions worldwide. Domestically, the company has established more than 3,000 sales outlets across 26 provinces and municipalities and has established OEM cooperation partnerships with several well-known domestic companies. Annual production capacity reaches 500,000 units, fully meeting domestic and international market demands.

As a National High-Tech Enterprise, YESNCER upholds the beautiful vision of "becoming a global unicorn enterprise in the central air conditioning terminal industry." Committed to providing customers with high-quality products and services, customer needs guide the company's efforts to continuously innovate technology, enhance product value, and offer more comfortable, energy-efficient, and aesthetically pleasing heating and cooling solutions to global users.



Nordic Design
×
Universal Compatibility

Scandinavian design, renowned for its simplicity, naturalness, and functionality, is a design style that rose in the mid-20th century in the Nordic region. Designers pursue simple lines and clear shapes, emphasizing practicality and functionality. They prefer to remove superfluous elements from their designs, making the work more pure. Neutral tones hold an important place in Scandinavian design. Neutral colors like white, gray, and beige are widely used to create a bright and airy feeling in a space. Simultaneously, neutral tones provide flexibility for matching with other colors, allowing for personalized decoration according to one's preferences. Scandinavian design advocates minimalism, pursuing a simple, clean design language. Designers focus on the overall layout and functionality of a space, avoiding excessive decoration and complex elements. This minimalism not only gives interior spaces a more modern feel but also imparts a refreshing and comfortable sensation.

AURA FCU

Quick Installation & Practicality
More Functions
Global Compatibility

High Aesthetics, Breathing with Warmth in the Details

01
Switch Quick
Left/Right Installation

02
Dual Installation
Modes

03
DC motor with
ultra-Low Noise

04
Hidden Remote
Control Storage

05
Innovative
Breathing Display

06
Universal Smart
Control System

07
485 Bus Master
Control Function

08
Power-Off
Memory Function

09
Timed Start/Stop
Function

10
WIFI
connection

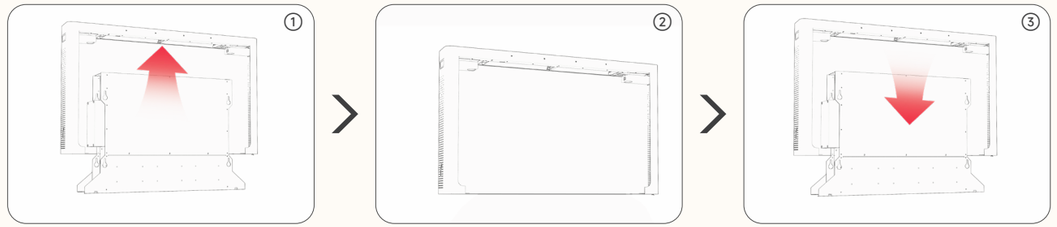
11
Anti-cold
air function

12
Dry contact
to heat pump

Features

1.Easy Panel Removal!

AURA 3-Step Quick-Detach Design=less labor=high maintenance efficiency=More profit!

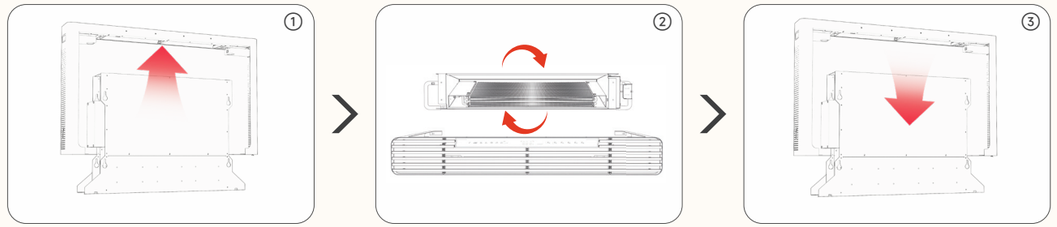


① Unscrew the 3 bolts and lift the integrated panel upward to open.

② Put the integrated panel aside.

③After pipe connected or maintained, Install the integrated panel downward. Installation or maintenance completed

2.Switch Left/Right connection in 1 Minute! Water connection on the left as default, water connection on the right could be changed easily. When make stock only one type suitable for different project require.



① Unscrew the bolts and lift the integrated panel upward to open.

② Flip the unit body left/right to switch direction

③ Install the integrated panel downward, and the left/right port orientation conversion is completed

3.Installation Without Limits! AURA Dual Mode Compatibility! Wall hanging type as default, but the feet for floor standing are optional.



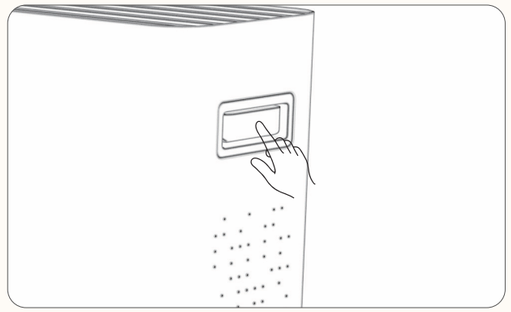


4.The electric 2-way valve or soft joint built-in in advance, but these are optional. Reduce much installation time of installer.

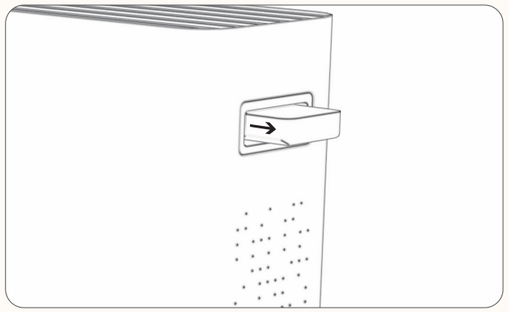


5.Remote Won't Get Lost! AURA Snap-On Magnetic Storage Box

Built-in storage box on the unit body, Fewer replacements = Lower costs.

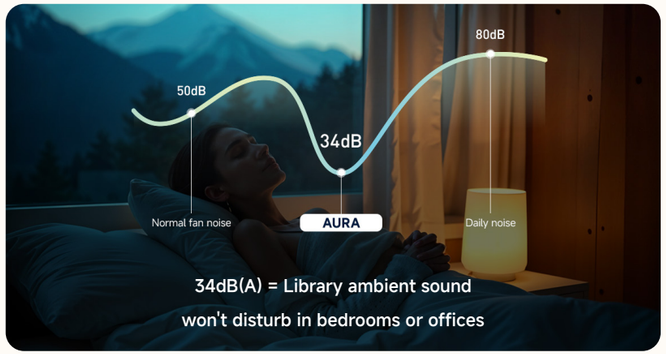


Gently press the remote control



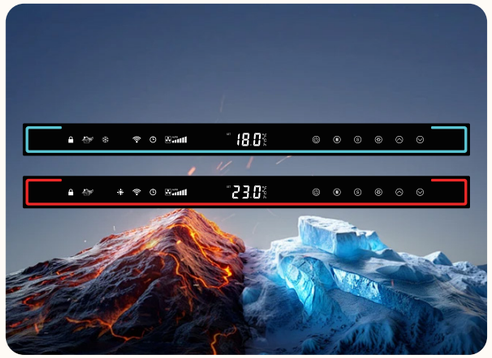
Remote control eject

6.Equipping with DC motor make the AURA energy-saving, Low-Noise Operation, Noise is low as 34 decibels, excellent reputation for quietness, dealer orders





7.Dual-color breathing lights for cooling/ heating, operating status clear at a glance.



8.Smart Control for All! AURA Standard Full-Scene Control.



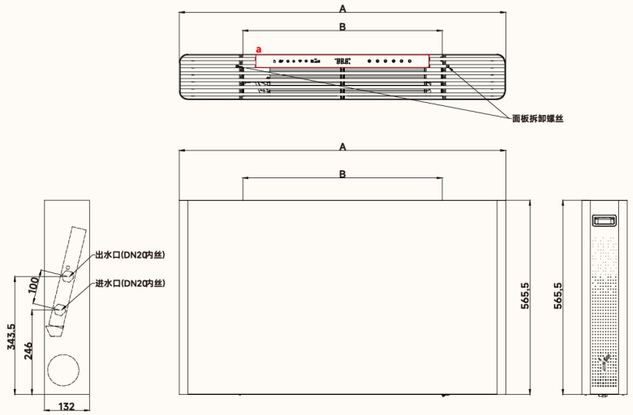
9.No Temperature Stratification! AURA hybrid sampling reduces stratification, whole-room temperature more uniform. Fewer complaints about uneven temperature — dealer reputation keeps getting better!

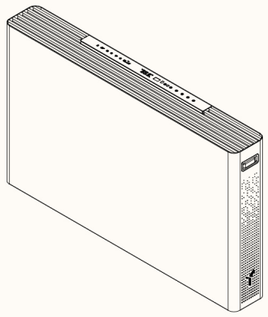
Cold Air Prevention Temperature Setting

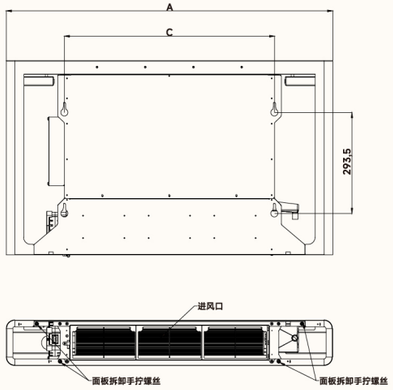
Temperature Differential Setting

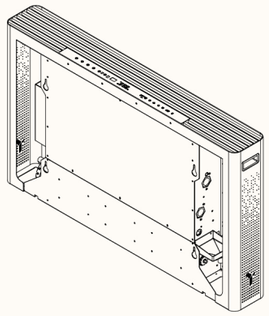
°C / °F Switching

Dimension drawing of slim Fan Coil Unit









AURA Sizes (mm)				
Model	Aura-M2	Aura-M3	Aura-M4	Aura-M5
A Total Length	950	1141	1332	1332
B Air Outlet Length	580	771	962	962
D Mounting Hole Spacing	611.5	802.5	993.5	993.5
Note：the feet height is 62mm				

AURA Specification and Parameter

AURA Sizes (mm)					
Model	Motor NO.	M2	M3	M4	M5
Specification	Motor NO.	1			
	Motor power W	40W			
	Fan NO.	1	1	2	2
	ESP Pa	0pa			
	Unit weight kg	19.8	23.8	27.8	27.8
	Feet weight kg				
Coil size	Coil Length mm	455	645	835	835
	Coil Width mm	294			
	Coil thickness mm	38.5			
Package	Package length mm	1000	1190	1380	1380
	Package width mm	660			
	Package thickness mm	190			
	Gross weight kg	22.4	26.7	30.7	30.7
Panel	Outer panel	Use 0.8mm thick, pattern-free and oil-free hot-dipped galvanized sheet metal, with an exterior matte spray coating for durability and an attractive look.			
	Inner panel				
Fan	Motor	Brushless DC Centering Motor / 5-Speed Adjustable / Customizable Airflow & Static Pressure			
	Turbine	Cross-Flow Fan / ABS Construction / Uniform Airflow & High Dynamic Pressure			
Coil	Copper tubes	7mm diameter, in 3 rows (42 tubes total) with a pitch of 21mm × 12.68mm.			
	Aluminum fins	Hydrophilic aluminum foil with 1.2mm fin pitch(FPI:22), increased heat transfer area.			
	Water way	4 in 4 out	7 in 7 out		
Drian pan		Fabricated from 0.8mm galvanized steel, powder coated for corrosion resistance, with 5mm PE foam insulation.			
Thermostat		5-speed adjustment / Timer / WiFi / Mixed air sampling / Cold draft prevention / 2-way valve connection / Full-screen touch / Hidden remote storage / Cooling & heating indicator lights			
Rated work pressure		1.6MPa			

AURA Parameter																					
Model		M2					M3					M4					M5				
Fan speed		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
RPM r/min		500	680	850	1020	1200	500	680	850	1020	1200	500	680	850	1020	1200	500	730	900	1070	1400
Static pressure pa		0																			
Air flow m^3/h		110	170	230	290	330	160	235	310	380	460	165	270	380	500	590	180	320	450	590	700
Cooling cap. W	Total Cooling Cap.	930	1210	1430	1580	1660	1410	1810	2120	2350	2560	1570	2230	2740	3180	3420	1730	2640	3240	3740	4040
	Sensible Cooling Cap.	350	750	920	1060	1150	870	1150	1390	1570	1810	950	1390	1770	2130	2370	1060	1660	2120	2560	2860
	Latent Cooling Cap.	580	460	510	520	510	540	660	730	780	750	620	840	970	1050	1050	670	980	1120	1180	1180
Heating Cap. (60℃)W		1240	1730	2130	2470	2680	1890	2590	3180	3660	4150	2020	3070	4000	4860	5440	2240	3660	4780	5800	6510
Heating Cap. (45℃) W		760	1060	1300	1510	1664	1160	1580	1940	2240	2530	1240	1880	2450	2980	3320	1370	2250	2920	3550	3980
FCEER W/W (H)		110					141					156					124				
FCCOP (60℃) W/W (H)		177					229					248					200				
FCCOP (45℃) W/W (H)		110					139					152					122				
Power Input W		5	6	7	10	14	5	6	9	12	17	5	7	10	14	19	6	8	11	15	28
Noise dB(A)		21	22	27	32	37	23	26	29	34	39	24	29	32	37	41	24	33	35	38	45
W.P.D kPa (H)		10.2					6.7					13					17.2				
Water flow m^3/h (H)		0.286					0.441					0.589					0.695				
Total Length		850					1141					1332					1332				
Length of Air Outlet		580					771					962					962				
Mounting Hole Spacing		611.5					802.5					993.5					993.5				
Length of Air Inlet		580					771					962					962				



All Series Standard with Hydrophilic Aluminum Foil Cooling Coils



A corner of Workshop



Laser Cutting Machine



Fully Automatic Copper Tube Bending Machine



Automatic Fin Press



Sheet Metal Punch Press



Fully Automatic Copper Tube Expanding Machine



CNC Sheet Metal Punching Machine



CNC Sheet Metal Bending Machine