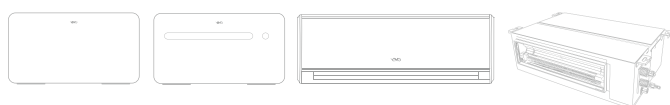


VARIOUS WATER INDOOR TERMINALS PRODUCT CATALOG



ULTRA FAN COIL UNIT

Ultra-Thin Ultimate Comfort!



FEATURES

Quiet & Comfortable

Super quiet under 28dB(A). Provides uniform heating through thermal radiation, avoiding localized over-cooling or overheating.

Remote Control

The Fancoils can be controlled remotely via APP, allowing for full home connectivity.

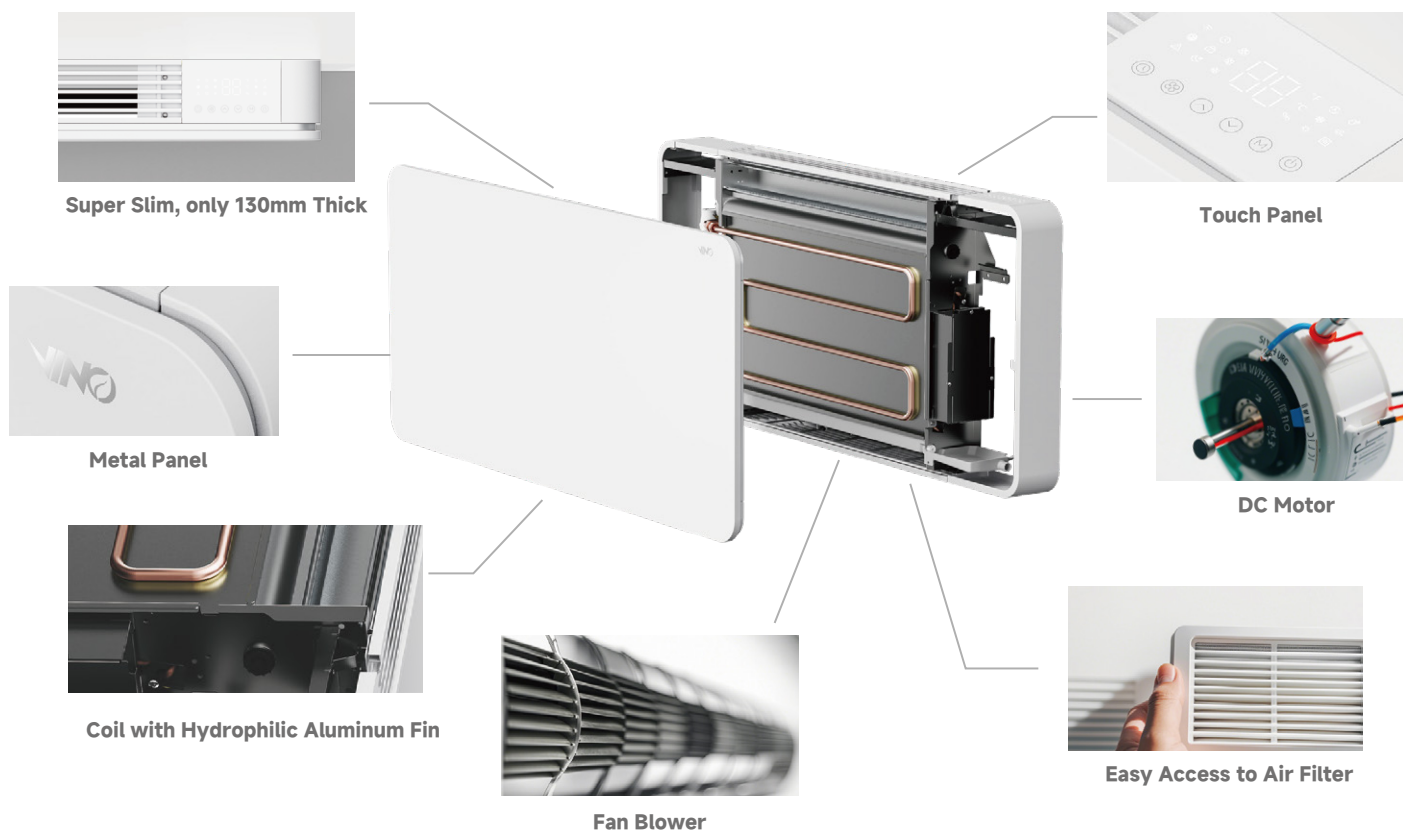
Flexible Integration

SAMYOU Fancoil products can be integrated with existing gas or heat pump systems, or used as radiators.

Easy Installation

The flexible design includes connections on both the left and right sides of the unit to accommodate various installation needs.

MAIN COMPONENTS



FEATURES

Quiet & Comfortable

Super quiet under 28dB(A). Provides uniform heating through thermal radiation, avoiding localized over cooling or over heating.

Flexible Integration

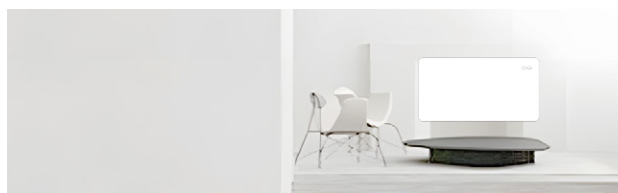
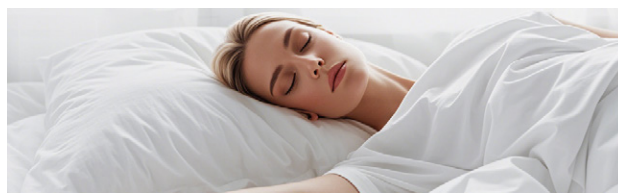
The coil products can be integrated with existing gas or heat pump systems, or used as radiators.

Remote Control

The Fancoils can be controlled remotely via APP, allowing for full home connectivity.

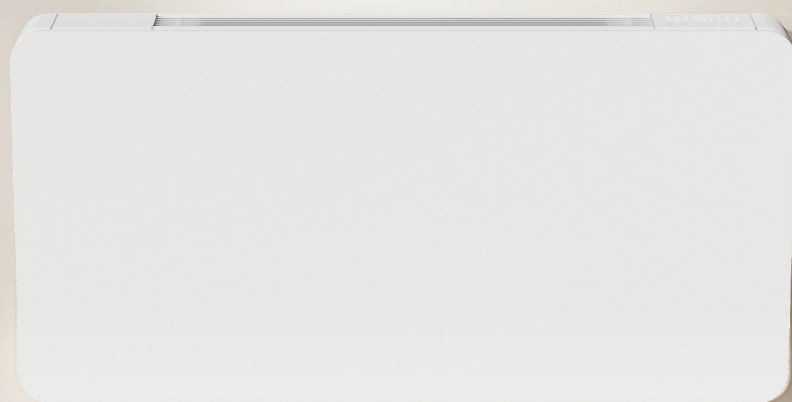
Easy Installation

The flexible design includes connections on both the left and right sides of the unit to accommodate various installation needs.



As a modern air conditioning terminal unit that integrates efficiency, energy savings, and quiet operation, our fan coil unit is suitable for various settings such as homes and offices.

It effectively regulates indoor temperature, enhancing the comfort of living and working environments.



FUNCTIONS



Cooling



Heating



Dehumidifying



Ventilation



Auto



Radiation



Sleep Mode



Wifi



3-Speed



Timer



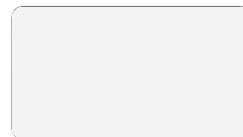
Child Lock



Multi-Protections

TECHNICAL DATA

ULTRA THICK FAN COIL UNIT



Capacity	Unit	200	400	600
Model, VVWN1-S**A3A(I)	--	05	07	09
Performance Condition:Inlet air temp. 27°C, Inlet/Outlet water temp. 7/12°C;				
Total cooling capacity	W	1200	2150	3100
Nominal cooling capacity	W	850	1450	2300
Water flow	L/h	220	370	530
Pressure drop	kPa	6.5	12	28
Maximum input power	W	21	22	32
Maximum sound power level	dB(A)	52	52	53
Performance Condition: Inlet air temp. 20°C, Inlet/Outlet water temp. 45/40°C;				
Heating capacity	W	1200	2150	3200
Water flow	L/h	230	380	560
Pressure drop	kPa	8.5	12	26
Maximum input power	W	20	22	30
Maximum sound power level	dB(A)	52	52	53
Hydraulic data				
Coil water content	L	0.45	0.71	0.97
Maximum operating pressure	bar	10	10	10
Hydraulic connection	EK	3/4	3/4	3/4
Evaporator form	/	Aluminum Fin-copper Tube		
Aeraulic data				
Air flow (H/M//L)	m³/h	210/160/100	320/250/160	480/360/250
Fan Type	/	Cross-flow	Cross-flow	Cross-flow
Cooling speed	m³/h	1400/1200/900	1400/1200/900	1400/1200/900
Heating speed	m³/h	1450/1250/950	1450/1250/950	1450/1250/950
General Information				
Power supply	V/ph/Hz	230/1/50	230/1/50	230/1/50
Maximum power consumption	W	23	25	33
Maximum current Input	A	0.19	0.23	0.26
Sound pressure level	dB(A)	43/39/30	43/40/30	45/41/31
Unit external dimensions, W×D×H	mm	850 x 130 x 580	1050 x 130 x 580	1250 x 130 x 580
Packaged dimensions, W×D×H	mm	961 x 246 x 676	1161 x 246 x 676	1361 x 246 x 676
Net weight	kg	18.5	22	26
Gross weight	kg	21.5	25.5	30

Packaged Fancoil Unit

Ultra-Thin Ultimate Comfort!



FEATURES

Zero Outdoor Unit

The packaged fancoil unit provides extra comfort without an outdoor unit, more beauty for building and saving spaces.

Remote Control

The Fancoils can be controlled remotely via APP, allowing for full home connectivity.

Smart Heating & Cooling

Air upward when heating, while air downward when cooling, with different display color on the screen to show the status.

Two Installation Mode

You can install low-wall or high-wall, depends on your installation scenarios, fits in your home decorations.

FEATURES

Quiet & Comfortable

Super quiet under 41dB(A). Provides uniform heating through thermal radiation, avoiding localized over-cooling or over-heating.



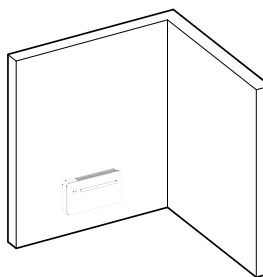
Remote Control

The Fancoils can be controlled remotely via APP, allowing for full home connectivity.

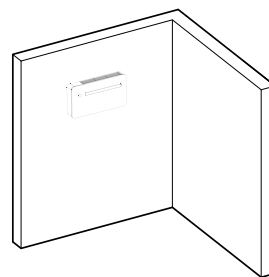


EASY INSTALLATION

Two holes and without any outdoor unit, you can apply different ways of installation based on you real needs.



Low-wall Installation



High-wall Installation





Comfort Cooling & Heating

When air is heated, it becomes less dense and naturally rises upward; conversely, when air cools down, its density increases and it moves downward.

This distinct thermal movement of air is visually represented on the screen using different display colors, each color corresponding to and clearly indicating the air's current thermal status

whether it is rising (heated) or the moving downward (cooled).

TECHNICAL DATA

PACKAGED FANCOIL UNIT



MODELS	/	2kW	2.3kW	3kW	2.3kW	3kW	3.3kW
Cooling performance (A 35 °C; A 27 °C)							
Maximum cooling capacity	kW	2.64	3.10	3.50	3.10	3.50	4.10
Nominal cooling power	kW	2.09	2.33	2.87	2.33	2.87	3.31
Minimum cooling capacity	kW	0.83	0.92	1.40	0.92	1.40	1.40
Dehumidification capacity	L/h	0.80	0.90	1.20	0.90	1.20	1.50
Total input power	kW	0.64	0.72	1.04	0.72	1.04	1.21
Energy efficiency class	/	A+	A+	A	A+	A	A
EER	/	3.29	3.25	2.74	3.25	2.74	2.74
SEER	/	4.70	4.60	4.10	4.60	4.10	4.20
Energy efficiency class	/	A	B	C	B	C	C
Heating performance (A 7 °C; A 20 °C)							
Maximum heating capacity	kW	2.64	3.05	3.50	3.05	3.50	4.05
Nominal heat power	kW	2.08	2.31	2.75	2.31	2.75	3.52
Electric heater additional power	kW	-	-	-	0,90/1,80	0,90/1,80	0,90/1,80
Minimum heat output	kW	0.71	0.79	1.35	0.79	1.35	1.35
Total absorbed power	kW	0.63	0.71	0.88	0.71	0.88	1.18
COP	/	3.31	3.28	3.12	3.28	3.12	2.99
Energy efficiency class	/	A+	A+	A	A+	A	A
SEER	/	3.80	3.70	3.40	3.70	3.40	3.50
Energy efficiency class	/	A	A	A	A	A	A
Electrical data							
Total input power	kW	0.95	1.06	1.45	2.86	1.45	1.50
Current	A	4.10	4.60	6.30	12.40	6.30	6.52
Power Supply	V/ph/	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
General features							
Maximum indoor air flow rate	m3/h	380	400	450	400	450	500
Maximum external air flow rate	m3/h	460	480	550	480	550	750
Average indoor air flow rate	m3/h	310	320	350	320	350	400
Average outside air flow rate	m3/h	380	390	460	390	460	550
Minimum indoor air flow rate	m3/h	260	270	300	270	460	300
Minimum external air flow rate	m3/h	330	340	400	340	400	400
Sound data							
Nominal sound pressure	dB(A)	39	41	43	41	43	46
Minimum sound pressure	dB(A)	26	27	29	27	29	30
Refrigerant gas data							
Refrigerant	R32, or R410a						
Refrigerant charge	Kg	0.5	0.5		0.5	0.5	0.5
Product dimensions and weights							
Width	mm	1010	1010	1010	1010	1010	1010
Height	mm	555	555	555	555	555	555
Depth	mm	170	170	170	170	170	170
Net weight	kg	41	41	41	41	41	41
Wall hole diameter	mm	162	162	202	162	202	202
Wall hole spacing	mm	293	293	293	293	293	293
Applicable market							
Applicable market	/	EU Market			EU Market with electric heating		US Market with electric heating

WATER TYPE WALL-MOUNTED INDOOR UNIT



FEATURES

Hidden Digital Display Panel

A seamless interface that stays invisible until activated, showing key settings on demand.

Remote Control

Full-featured remote for convenient adjustment of all operating modes and settings from a distance.

Optional built-in water valve

An integrated valve option that streamlines piping connections for flexible and reliable installation.

Stainless Steel Flexible Hose

Durable, corrosion-resistant hoses that bend easily for fast, adaptable, and secure connections.

TECHNICAL DATA

WATER TYPE WALL-MOUNTED INDOOR UNIT



Model (2 tube system)		Unit	12K	18K	24K
Power Supply		Vac/Ph/Hz	220/1/50(60)		
Air Volume	H	m3/h	680	1,020	1,200
	M	m3/h	530	765	880
	L	m3/h	355	520	620
Static pressure		Pa	0	0	0
Performance Condition:Inlet air temp. 27°C DB/19.5°C WB, Inlet/Outlet water temp. 7/12°C;					
Total Cooling Capacity	H	W	4,800	6,500	7,300
Sensible cooling Capacity		W	3,540	4,500	5,020
Total Cooling Capacity	M	W	3,920	5,230	5,850
Sensible Cooling Capacity		W	2,890	3,570	4,000
Total Cooling Capacity	L	W	2,830	3,800	4,400
Sensible Cooling Capacity		W	2,105	2,520	3,000
Performance Condition: Inlet air temp. 21°C, Inlet water temp. 45 °C;					
Heating Capacity	H	W	4,800	6,500	7,300
	M	W	3,920	5,230	5,850
	L	W	2,830	3,800	4,400
General Information					
Sound pressure level@0Pa	H	dB(A)	48	46	49
	M	dB(A)	40	40	43
	L	dB(A)	30	31	34
Max. Power Input	H	W	37	42	57
Water Flow Volume		m3/h	0.82	1.11	1.25
Water Pressure Dropping		kPa	30	32	40
FCEER		/	104	112	104
FCCOP(1)		/	104	112	104
Pipe Connection		in	ZG1/2"	ZG1/2"	ZG1/2"
		out	ZG1/2"	ZG1/2"	ZG1/2"
The Maximum Pressure		MPa	1.6	1.6	1.6
Unit Dimensions, LxHxD		mm	972×302×224	1081×327×248	1081×327×248
Package Dimensions, LxHxD		mm	1044x304x374	1155x342x410	1155x342x410
Net Weight		kg	14.5	18	18
Gross Weight		kg	16.5	21	21

Note: The data above is only a reference. For model specifications, please refer to the nameplate on the unit.

WATER TYPE DUCTED INDOOR UNIT



FEATURES

Advanced BLDC Motor

Equipped with advanced BLDC motor for efficient and energy-saving operation.

Flexible Installation

This unit can be installed vertically or horizontally to meet different requirements

Compact & Sleek Design

The unit features a compact structural design with a lightweight and aesthetically pleasing appearance.

Quiet & Stable Operation

Low-noise fan motor ensures smooth operation with minimal vibration.

Low-Maintenance Design

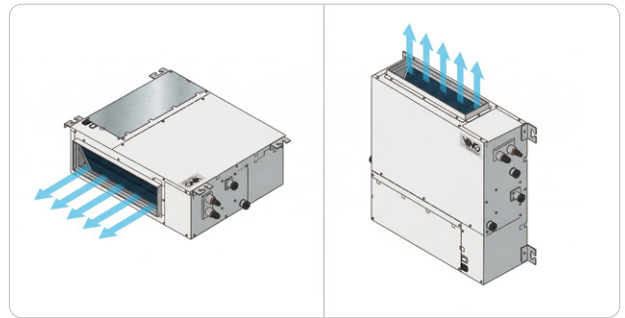
Permanently lubricated motor bearings for easy maintenance and servicing.

High-Efficiency Heat Exchange

High-quality heat exchange coils ensure efficient heat transfer and excellent corrosion resistance.

Two Installation Modes:

Ceiling Recessed or Vertical Exposed



TECHNICAL DATA



WATER TYPE DUCTED INDOOR UNIT

Model (2 tube system)		Unit	18K	24K
Power Supply		Vac/Ph/Hz	220/1/50(60)	
Air Volume	H	m3/h	1,020	1,360
	M	m3/h	765	1,040
	L	m3/h	530	710
Static pressure		Pa	12 (30, 50)	
Performance Condition:Inlet air temp. 27°C DB/19.5°C WB, Inlet/Outlet water temp. 7/12°C;				
Total Cooling Capacity	H	W	5,800	8,000
Sensible cooling Capacity		W	4,230	5,790
Total Cooling Capacity	M	W	4,790	6,660
Sensible Cooling Capacity		W	3,345	4,715
Total Cooling Capacity	L	W	3,520	5,150
Sensible Cooling Capacity		W	2,500	3,530
Performance Condition: Inlet air temp. 21°C, Inlet water temp. 45 °C;				
Heating Capacity	H	W	9,150	12,500
	M	W	7,400	10,300
	L	W	5,450	8,000
General Information				
Sound Pressure Level@12/30/50Pa	H	dB(A)	45/48/49	47/49/50
Max. Power Input@12/30/50Pa		W	96/108/118	134/156/174
Water Flow Volume		m3/h	0.99	1.37
Water Pressure Dropping		kPa	22	27
Pipe Connection		in	ZG3/4"	ZG3/4"
		out	ZG3/4"	ZG3/4"
The Maximum Pressure		MPa	1.6	1.6
Unit Dimensions, LxHxD		mm	1044 x 465 x 235	1424 x 465 x 235
Package Dimensions, LxHxD		mm	/	/
Net Weight		kg	17	26
Gross Weight		kg	21	30



SAMYOU | VINO

Headquarter:

- **Zhuhai Samyou Environmental Technology Co.,Ltd.**

Address: Building 4, Zhongdian High Tech Industrial Park, Tangjiawan,
Xiangzhou District Zhuhai, China.

Global Hotline: 400-8030-683

Email: info@samyou.com

Website: www.samyou.com

- **VINO Air-Conditioning (M) Sdn. Bhd**

Registration No:202401048954(1594799-U)

Menara Chin Hin

Level 20, 8th & Stellar, No. 1, Jalan Naga Emas,

Sri Petaling 57000 Kuala Lumpur.

Tel: 603-6279 8888