



LIGHT COMMERCIAL AIR CONDITION



PRODUCT CONCEPT

Cassette

Compact / Slim Design

Reduce the height of the indoor unit, less space requiring in installation.

Model	Dimension(D*W*H)
18K /24K	840*840*205
30K-45K	840*840*245



Slim Cassette 18K CO
24K-55K



CDU for 18-24K

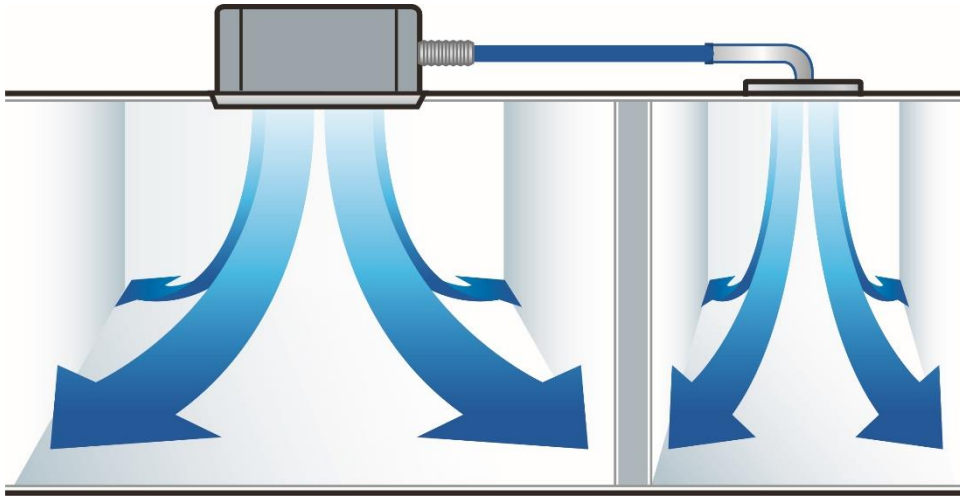


CDU for 30K-45K

Standard Features

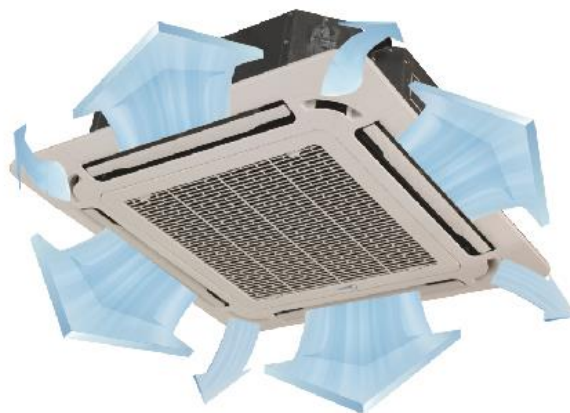
Reserved Air Outlet For Duct

Reserves the space for air outlet from the side of indoor unit; It's available to connect air duct from side to small rooms nearby.



360° Air Flow Panel

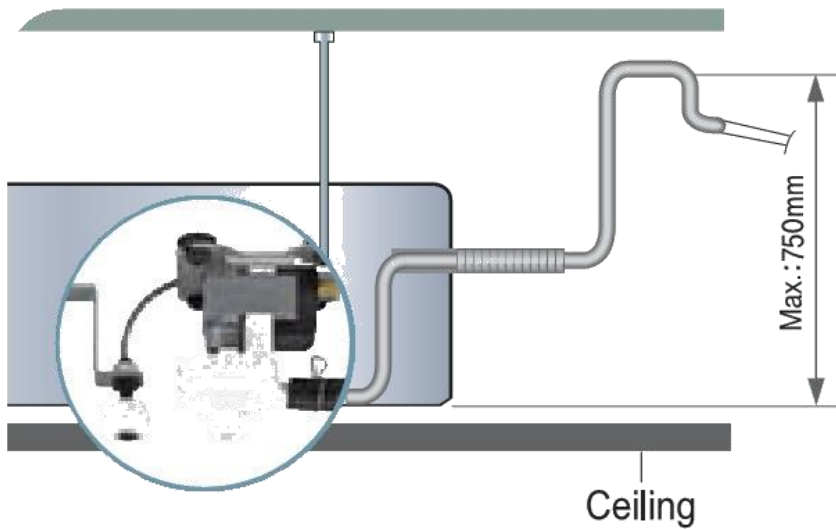
Ensure a uniform temperature distribution across the room without dead corners.



Standard Features

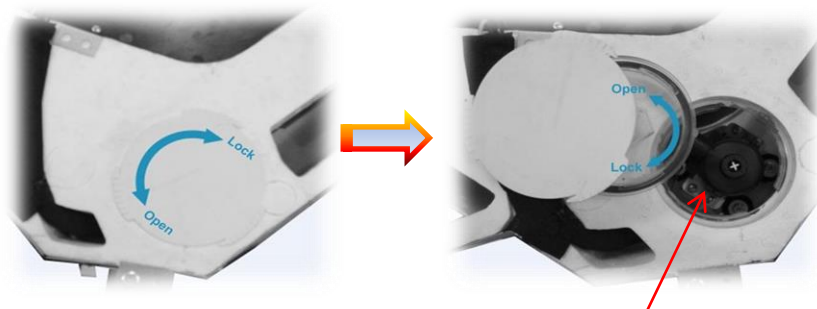
Build-in Drain Pump

The drain pump can lift the condensing water up to 750mm upmost. It's convenient to install drainage piping under most space condition.



Easy maintained Drain Pump

Improved structure makes it more convenient to repair the drain pump.



Draining Pump

Standard Features

Reserved remote on-off and alarm ports

Remote on-off: With the reserved ports, a remote switch can be easily connected to realize remote control.

Alarm: The built-in PCB can output alarm signal, which achieve setting up an external alarm light or vibration gauge possible.



Fresh Air Intake(Optional)

A ventilation motor (no more than 200W) can be installed in fresh air duct and works with indoor fan to increase the volume of fresh air.



TECHNICAL SPECIFICATION

Fix Speed Cassette(Cooling only)

Indoor unit customer model		42KTD018N8FS	42KTD024N8FS	42KTD030N8FS	42KTD036N8FS	42KTD045N8FS	
Outdoor unit customer model		38KUS018N8FS	38KUS024N8FS	38KUS030N8FS	38KUS036N8FS	38KUS045N8FS	
Nominal Capacity		18K CO	24K CO	30K CO	36K CO	45KCO	
Power supply	Ph-V-Hz	1Ph- 220~240V - 50Hz	1Ph- 220~240V - 50Hz	1Ph- 220~240V - 50Hz	3Ph- 380~415V - 50Hz	3Ph- 380~415V - 50Hz	
Power supply from		Indoor	Outdoor	Outdoor	Outdoor	Outdoor	
Cooling (Rating performance)	Capacity	Btu/h	18000	25000	30000	36000	48000
	Input	W	1600	2400	3080	3500	4600
	Current	A	7.0	10.5	14.0	6.5	9.0
	EER	W/W	3.30	3.05	2.85	3.01	3.06
Indoor air flow (High/Mid/Low)	m ³ /h	960/820/690	1140/990/830	1740/1550/1370	1750/1530/1340	1700/1500/1300	
Indoor noise level (High/Mid/Low)	dB(A)	43/39/38	45/42/39	53/50/47	51/48/45	51/48/46	
Indoor unit(Body)	Dimension(W*D*H)	mm	840x840x205	840x840x205	840x840x245	840x840x245	840x840x245
	Packing (W*D*H)	mm	900x900x225	900x900x225	900x900x265	900x900x265	955x955x265
	Net/Gross weight	kg	22.2/27.1	22.2/27.1	25.2/30.2	25.2/30.2	27.3/32.3
Indoor unit(Panel)	Dimension(W*D*H)	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W*D*H)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight	kg	5.0/8.0	5.0/8.0	5.0/8.0	5.0/8.0	5.0/8.0
Outdoor noise level	dB(A)	58	59.5	60	64.5	63	
Throttle type		Capillary	Throttle valve	Throttle valve	Throttle valve	Throttle valve	
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810
	Packing (W*D*H)	mm	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	kg	38.9/41.5	51.8/55	63.2/68.0	66.1/71	71.5/76.1
Refrigerant		kg	R32/0.72	R32/1.3	R32/1.7	R32/1.6	R32/1.9
Design pressure	MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ 15.9(3/8"/5/8")	Φ9.52/Φ 15.9(3/8"/5/8")	Φ9.52/Φ 15.9(3/8"/5/8")	Φ9.52/Φ 15.9(3/8"/5/8")
	Max. pipe length	m	25	25	30	30	50
	Max. difference in level	m	15	15	20	20	30
Connection wiring (Optional)	mm ²	2.5x3	2.5x3	1.5x4	1.5x4	1.5x4	
Thermostat type (Optional)		Remote control	Remote control	Remote control	Remote control	Remote control	
Operation temperature	°C	17~30	17~30	17~30	17~30	17~30	
Ambient temperature	Indoor(cooling/heating)	°C	17~32	17~32	17~32	17~32	
	Outdoor(cooling/heating)	°C	18~43	18~43	18~43	18~43	
Application area	m ²	24~35	32~47	40~59	48~70	64~94	

Test standard: Performance/Reliability / Sound pressure ISO 5151
 Safety :IEC 60335-1; IEC 60335-2-40.



Turbo



Follow Me



Sleep Mode



Independent Dehumidification



Auto Restart Function



Timer



Self-diagnosis and Auto-protection



Gold Fin



Wired* Control



Water pump

Note: All features and specifications are subject to change without prior notice for product improvement purposes. (* means optional)

TECHNICAL SPECIFICATION

Inverter Cassette(Cooling only)

Indoor model			42KTD018N8VS	42KTD024N8VS	42KTD036N8VS	42KTD045N8VS
Outdoor model			38KUS018N8VS	38KUS024N8VS	38KUS036N8VS	38KUS045N8VS
Nominal Capacity			18K CO	24K CO	36K CO	48K CO
Power supply		Ph-V-Hz	1Ph- 220~240V- 50Hz	1Ph- 220~240V- 50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz
Power supply from			indoor	indoor	outdoor	outdoor
Cooling (Rating performance)	Capacity	Btu/h	19000	24000	36000	47700
	Input	W	1700	2200	3900	5800
	Current	A	7.5	9.5	6.0	8.5
	EER	W/W	3.28	3.20	2.71	2.41
Indoor air flow (High/Mid/Low)		m ³ /h	1090/820/680	1300/1015/850	1950/1550/1370	1860/1470/1290
Indoor sound pressure level (High/Mid/Low)		dB(A)	46/40/37	46/40/37	55/49/46	55/49/45
Indoor unit(body)	Dimension(W*D*H)	mm	840x840x205	840x840x205	840x840x245	840x840x245
	Packing (W*D*H)	mm	900x900x225	900x900x225	900x900x265	900x900x265
	Net/Gross weight	kg	22.6/27.3	22.6/27.3	25.4/30.5	27.7/32.7
Indoor unit(Panel)	Dimension(W*D*H)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W*D*H)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight	kg	5.0/8.0	5.0/8.0	5.0/8.0	5.0/8.0
Outdoor sound pressure level		dB(A)	60	57	59	61
Throttle type			Capillary	Throttle valve	Throttle valve	Throttle valve
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	890x 342x673	946x410x810	946x410x810
	Packing (W*D*H)	mm	915x370x615	995x435x750	1090x500x875	1090x500x875
	Net/Gross weight	kg	29.5/32.2	38.2/41.7	66.9/71.5	72.4/77.4
Refrigerant		g	R32/950	R32/1300	R32/1800	R32/2100
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. pipe length	m	25	25	30	50
	Max. difference in level	m	15	15	20	30
Connection wiring (Optional)		mm ²	2.5x4	2.5x4	1.5x4	1.5x4
Control type			Remote	Remote	Remote	Remote
Operation temperature		°C	17~30	17~30	17~30	17~30
Ambient temperature	Indoor(cooling/heating)	°C	17~32	17~32	17~32	17~32
	Outdoor(cooling/heating)	°C	0~50	0~50	0~50	0~50
Application area		m ²	25~37	32~47	48~70	64~93

Test standard: Performance/Reliability / Sound pressure ISO 5151
 Safety :IEC 60335-1; IEC 60335-2-40.



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Auto Restart Function



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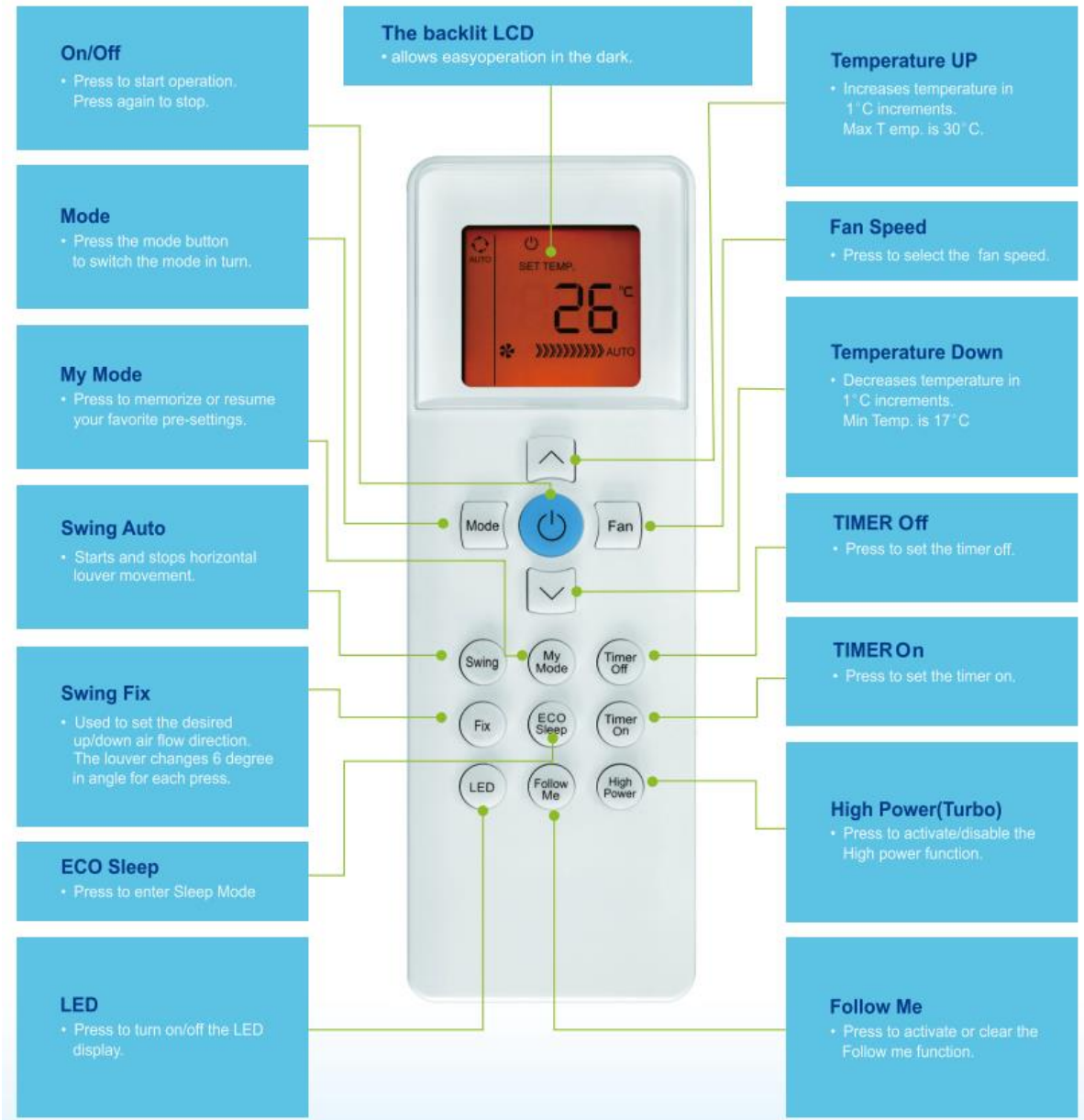
Wired* Control



Water pump

Note: All features and specifications are subject to change without prior notice for product improvement purposes. (* means optional)

New Remote Control



Note:

1. Above illustration shows all the features. For actual model, only the relevant parts are shown.
2. Buttons design might be slightly different from the actual one.

Outdoor Features

Golden Fin Anti-corrosion Condenser Coil

The unique anticorrosive coating on the condenser can withstand the salty air, rain and other corrosive elements.



The Golden coating is denser than blue coating, with higher corrosion resistance in corrosive environment.

