Multi Free Match

One host, a variety of indoor Unit flexible combination

Icongo multi free match home central air conditioning, one host can be paired with ~5 indoor units (duct type, ceiling cassette type, wall split type), easy to install.

Compact body , flexible installation

Icongo multi free match home central air conditioning,use a single fan outdoor unit, occupy a small space, more adaptable installation space.

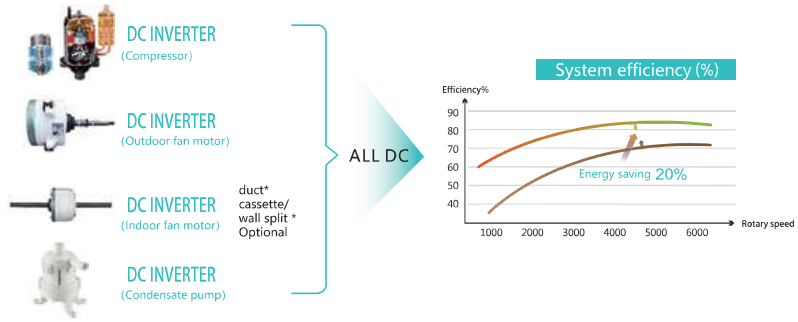
The indoor and outdoor unit nozzle does not need welding. The installation convenience is similar to that of 1-1 series, simple installation， low cost.

（ 1 drive 2 ）

（ 1 drive 3， 1 drive 4， 1 drive 5 ）

Full DC inverter, more comfortable,more power saving

Full DC inverter technology for compressor, outdoor fan motor, indoor fan motor and condensate pump. The energy efficiency is more than 20% higher than that of ordinary DC inverter.



Energy efficiency EU standard

Meet EU Energy Efficiency A++/A+ standards.

Strong universality

Multi free match indoor unit and 1-1 series indoor unit are completely universal, convenient for order management and inventory management.

The indoor and outdoor unit pairing is flexible and diverse

The same outdoor unit can freely match duct indoor, ceiling cassette indoor, or wall mounted split indoor.

The total capacity of the indoor unit does not exceed 130% of the capacity of the outdoor unit, the indoor unit can be freely combined.

Product type

Power range from 4.0 to 12.0 kW, wide range of applications in residential, hotel, office, and commercial installations, suitable for variable load conditions.

Various combinations

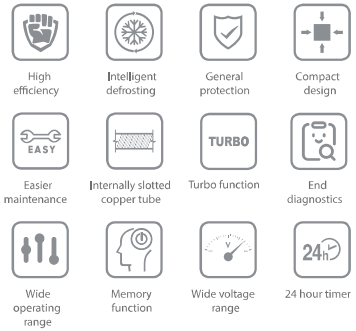
Right-side optional unit, the same comfort for you

Operation at -15℃ low temperature

Stable operation even at -15℃

G10 Inverter Technology

Lower power consumption,quieter, more comfortable,accurate temperature control



Outdoor Model			Z2OB-18HRIN4	Z3OC-27HRIN4	Z4OD-36HRIN4	Z5OD-42HRIN4
Power supply		V,Ph,Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	18000	27000	36000	42000
	Input	W	1660	2470	3000	4200
	Rated current	A	7.2	10.7	13	18.3
	EER	W/W	3.19	3.20	3.52	2.93
Heating	Capacity	Btu/h	21000	30500	41000	48000
	Input	W	1660	2470	3200	3900
	Rated current	A	7.2	10.7	13.9	17.0
	COP	W/W	3.71	3.62	3.76	3.61
Seasonal Cooling	Pdesignc	kW	5.3	7.9	10.5	12.5
	SEER	W/W	6.1	6.1	6.1	6.1
	Energy Efficiency Class		A++	A++	A++	A++
Heating(Average)	Pdesignh	kW	4	6.5	9	10.8
	SCOP	W/W	4	4	4	4
	Energy Efficiency Class		A+	A+	A+	A+
	Tbiv	℃	-7	-7	-7	-7
Tol		℃	-15	-15	-15	-15
Max. input consumption		W	1800	2600	3400	4600
Max. input current		A	7.8	11.3	14.8	20
Outdoor air flow		m3/h	----	----	----	----
Indoor sound power level		dB(A)	/	/	/	/
Outdoor sound pressure level		dB(A)	53	55	59	59
Outdoor sound power level		dB(A)	63	65	69	69
Outdoor unit	Dimension(WxDxH)	mm	865*325*545	915*345*650	965*400*810	965*400*810
	Packing(WxDxH)	mm	950*385*615	1020*435*735	1070*525*880	1070*525*880
	Net/Gross weight	kg	31/34	42/45	65/69	67/71
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.85	1.70	2	2.2
Design pressure		MPa	4.5/1.6	4.5/1.6	4.5/1.6	4.5/1.6
Refrigerant piping	Liquid side/ Gas side	mm(inch)	2x6.35mm(2x1/4in)/ 2x9.52mm(2x3/8in)	3x6.35mm(3x1/4in)/ 3x9.52mm(3x3/8in)	4x6.35mm(3x1/4in)/ 4x9.52mm(3x3/8in)	5x6.35mm(3x1/4in)/ 5x9.52mm(3x3/8in)
	Max. length for all rooms	m	30	45	60	75
	Max. length for one indoor unit	m	15	20	25	30
	Max. height difference between indoor and outdoor unit	m	10	10	10	10
	Max. height difference between indoor units	m	5	5	5	5
Ambient tempera-ture	Cooling	℃	-5-55	-5-55	-5-55	-5-55
	Heating	℃	-15-32	-15-32	-15-32	-15-32

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Multi Free match- indoor

Performance Index (Btu/h)		7000	9000	12000	18000	24000	Wifi
Split type		✓	✓	✓	✓	✓	✓
Cassette			✓	✓	✓	✓	✓
Ducted			✓	✓	✓	✓	✓
Console				✓	✓		

Specification for indoor unit

Indoor Model		7K	9K	12K	18K	24K
Power supply	V,Ph,Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling						
Capacity	Btu/h	7000	9000	12000	18000	24000
Input	W	40	40	40	60	80
Rated current	A	0.2	0.2	0.2	0.3	0.4
Heating						
Capacity	Btu/h	8000	10000	13000	19000	25000
Input	W	40	40	40	60	80
Rated current	A	0.2	0.2	0.2	0.3	0.4
Dimension(WxDxH)	mm	786×281×210	786×281×210	786×281×210	861×280×210	956×318×237
Packing(WxDxH)	mm	860×366×301	860×366×301	860×366×301	930×366×301	1045×403×327
Indoor air flow	m3/h	600	600	600	700	1000
Indoor sound power level	dB(A)	32-50	32-50	32-50	36-51	42-54
Design pressure	MPa	4.5/1.6	4.5/1.6	4.5/1.6	4.5/1.6	4.5/1.6
Refrigerant piping Liquid side/ Gas side	mm(inch)	6.35mm/9.52mm	6.35mm/9.52mm	6.35mm/9.52mm	6.35mm/12.7mm	6.35mm/15.88mm
Ambient temperature						
Cooling	℃	16-32	16-32	16-32	16-32	16-32
Heating	℃	less than 32	less than 32	less than 32	less than 32	less than 32

Specification for ducted unit

Indoor Model		7K	9K	12K	18K	24K
Power supply	V,Ph,Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling						
Capacity	Btu/h	7000	9000	12000	18000	24000
Input	W	44	44	44	66	88
Rated current	A	0.2	0.2	0.2	0.3	0.4
Heating						
Capacity	Btu/h	8000	10000	13000	20000	27000
Input	W	44	44	44	66	88
Rated current	A	0.2	0.2	0.2	0.3	0.4
Dimension(WxDxH)	mm	700*450*200	700*450*200	700*450*200	900*450*200	1100*450*200
Packing(WxDxH)	mm	945*555*270	945*555*270	945*555*270	1145*555*270	1345*555*270
Net/Gross weight	kg	17/19.5	17/19.5	17/19.5	19/22	23/26.5
Indoor air flow	m3/h	450	500	600	850	1100
Indoor sound power level	dB(A)	35-41	35-42	37-45	39-47	41-49
Design pressure	MPa	4.5/1.6	4.5/1.6	4.5/1.6	4.5/1.6	4.5/1.6
Refrigerant piping Liquid side/ Gas side	mm(inch)	6.35mm/9.52mm	6.35mm/9.52mm	6.35mm/9.52mm	6.35mm/12.7mm	6.35mm/15.88mm
Ambient temperature						
Cooling	℃	16-32	16-32	16-32	16-32	16-32
Heating	℃	less than 32	less than 32	less than 32	less than 32	less than 32