

SINCE 1894...



Residential
Air Conditioner (50Hz) 

Wall Mounted Fixed Speed & Inverter





DC INVERTER

Wall Mounted



Remote Controller



Capacity Range 9000-22000Btu/h



Stylish Front Panel Design

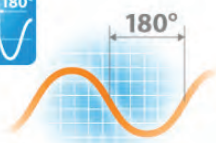
Easily match with any interior decor, ideal for use in shops, restaurants or offices.



Sine-Wave Inverter Technology

Technology 180° -gradusnogo wave inverter conversion - control voltage without the "pulse" effects (jagged sinusoid). Compared with the current standard of 120° rectangular wave has the following advantages:

- Ability to work with a wider range of supply voltage and frequency.
- Optimize the energy efficiency and energy conservation.
- More soft starting, lower noise and vibration.
- More control.



Rapid Cooling & Heating

After start up, the compressor quickly gets up to maximum speed, cooling or heating the room in minutes.



Convenient Control

Standard wireless remote controller. WIFI and wired controller is optional.



Convenient Installation

Multi-directional outlet pipe feature: left \ right \ rear, to meet the needs of different piping arrangement.



EcoNight Mode

Provides the ultimate energy savings and a comfortable sleeping environment with an intelligent 8-hour night cycle program that saves up to 60% of energy.



Maintenance Friendly

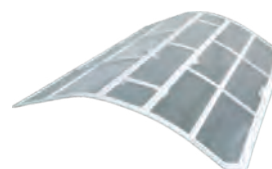
Removable front panel making maintenance convenient.



Removable Front Panel



High Density Washable Air Filter



Self Diagnosis Function

Once abnormal operation or parts failure happen, the unit will monitor the failures, the microcomputer of air conditioner will switch off and protect the system automatically when it happens. Meanwhile, the error or protection code will be displayed on the indoor unit.



Additional Features

- Refrigerant Leakage Detection
- Auto Restart Function
- 24-Hour Timer
- Low & High Ambient Cooling
- Louver Position Memory
- Two-Way Draining

DC INVERTER



Wall Mounted Inverter Unit 50Hz

Model Number		Indoor	DIWMI-09KE	DIWMI-12KE	DIWMI-18KE	DIWMI-22KE
		Outdoor	DIWMO-09KE	DIWMO-12KE	DIWMO-18KE	DIWMO-22KE
Power supply		Ph-V-Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz
Cooling	Rating Capacity (Capacity range)	Btu/h	9000(1886~10328)	12000(3780~13800)	18000(7120~19180)	21000(8820~23100)
		kW	2.64(0.55~3.03)	3.52(1.11~4.04)	5.28(2.09~5.62)	6.15(2.58~7.06)
	Rating Input	W	824(214~1076)	1170(385~1364)	1757(538~1901)	2050(593~2182)
	Rating current	A	3.58(1.3~4.72)	5.10(1.67~5.93)	7.80(2.33~8.26)	8.9(2.58~10.55)
	EER	Btu/Wh	10.92	10.26	10.24	10.24
Rated/Max. input consumption		W	1321	2050	2400	2800
Rated/Max. current		A	5.75	9.5	11.8	13.5
Indoor unit	Air flow (Hi/Mi/Lo)	m3/h±30	460/400/300	560 / 450 / 350	770 / 640 / 515	1030 / 920 / 760
	Indoor noise level (Hi/Mi/Lo)	dB(A)±3	39/32/28	40/33/28.5	45/38.5/32	46.5/40/34
	Net (WxDxH)	mm±5	715x194x285	805x194x285	957x213x302	1040x220x327
	Packing (WxDxH)	mm±5	780x270x360	870x270x360	1035x295x380	1120x405x310
	Net/Gross weight	Kg±0.5	6.9/8.9	8.2/10.4	10.6/13.6	13/16
Outdoor Unit	Noise level	dB(A)±3	53.5	54.5	55.0	57.0
	Net (WxDxH)	mm±5	700x275x550	700x275x550	770x300x555	845x363x702
	Packing (WxDxH)	mm±5	815x325x615	815x325x615	900x345x585	965x395x765
	Net/Gross weight	Kg±0.5	21.3/23.5	24.5/27.7	27.5/30.1	38.7/42.0
Refrigerant type		Kg	R410A/0.480	R410A/0.550	R410A/0.850	R410A/1.140
Design pressure		MPa	4.2/1.5			
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35/9.52(1/4"/ 3/8")	6.35/12.7(1/4"/ 1/2")	6.35/12.7(1/4"/ 1/2")	9.52/15.9(3/8"/ 5/8")
	Max. refrigerant pipe length	m	25		30	
	Max. difference in level	m	10		20	
Control type			Remote Control			

Condition : 1) Nominal cooling capacities are based on the following condition : indoor 27.0 °C DB, 19.0 °C WB, outdoor 35 °C DB.
2) All specifications are subjected to change by manufacturer without prior notice.



NON-INVERTER

Wall Mounted



Remote Controller



Capacity Range 9000-24000Btu/h



Stylish Front Panel Design

Easily match with any interior decor, ideal for use in shops, restaurants or offices.



Fast Cooling

After start up, the compressor and fan motor quickly gets up to maximum performance thus cooling or heating the room in minutes.



Convenient Control

Standard wireless remote controller. WIFI and wired controller is optional.



Smooth Air Flow

Less turbulence sound and quiet operation.



EcoNight Mode

Provides the ultimate energy savings and a comfortable sleeping environment with an intelligent 8-hour night cycle program.



Convenient Installation

Multi-directional outlet pipe feature: left \ right \ rear, to meet the needs of different piping arrangement.



Left → Rear → Right



Maintenance Friendly

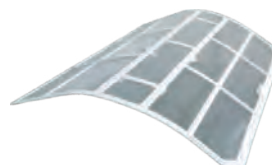
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High Density Washable Air Filter



Self Diagnosis Function

Once abnormal operation or parts failure happen, the unit will monitor the failures, the microcomputer of air conditioner will switch off and protect the system automatically when it happens. Meanwhile, the error or protection code will be displayed on the indoor unit.



Additional Features

- Refrigerant Leakage Detection
- Auto Restart Function
- 24-Hour Timer
- Low & High Ambient Cooling
- Louver Position Memory
- Two-Way Draining

NON-INVERTER



Wall Mounted Fixed Speed Unit 50Hz

Model Number		Indoor	DAWMI-09KECA	DAWMI-12KECA	DAWMI-18KECA	DAWMI-24KECA
		Outdoor	DAWMO-09KECA	DAWMO-12KECA	DAWMO-18KECA	DAWMO-24KECA
Power supply		Ph-V-Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz
Cooling	Rating Capacity (Capacity range)	Btu/h	9000	12000	18000	24000
		kW	2.64	3.52	5.28	7.03
	Rating Input	W	799	1172	2029	2510
	Rating current	A	3.60	5.10	8.80	11.00
	EER	Btu/Wh	11.26	10.24	8.87	9.56
Indoor unit	Air flow (Hi/Mi/Lo)	m3/h±30	599/468/370	549/488/348	808/657/535	1010/910/760
	Indoor noise level (Hi/Mi/Lo)	dB(A)±3	41/35/28	41.5/35.5/29	43.8/37/32.9	46/43.5/38
	Net (WxDxH)	mm±5	805x194x285	805x194x285	957x213x302	1040x220x327
	Packing (WxDxH)	mm±5	870x270x360	870x270x360	1035x295x380	1120x405x315
	Net/Gross weight	Kg±0.5	8.0/10.3	7.8/10.0	10.4/13.9	13.6/17.0
Outdoor Unit	Noise level	dB(A)±3	52.5	55.8	57.4	55.5
	Net (WxDxH)	mm±5	700x275x550	770x300x555	770x300x555	845x363x702
	Packing (WxDxH)	mm±5	815x325x615	900x345x585	900x345x585	965x395x775
	Net/Gross weight	Kg±0.5	25.4/27.7	30/32.3	34/36.9	47.3/50.8
Refrigerant type		Kg	R410A/0.50	R410A/0.78	R410A/0.88	R410A/1.05
Design pressure		MPa	4.2/1.5			
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35/9.52(1/4"/ 3/8")	6.35/12.7(1/4"/ 1/2")	6.35/12.7(1/4"/ 1/2")	9.52/15.9(3/8"/ 5/8")
	Max. refrigerant pipe length	m	20		25	
	Max. difference in level	m	8		10	
Control type			Remote Control			

Condition : 1) Nominal cooling capacities are based on the following condition : indoor 27.0 °C DB, 19.0 °C WB, outdoor 35 °C DB.
2) All specifications are subjected to change by manufacturer without prior notice.



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