

# RESIDENTIAL AIR CONDITIONER

*Wall Mounted Type*

R410a

T1/50Hz



# WALL MOUNTED NON-INVERTER

## MAIN FEATURES

- ▶ **Capacity Range 9,000 ~ 24,000 Btu/h.**
- ▶ **Stylish Front Panel Design**
- ▶ **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 or wired controller (optional).  
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

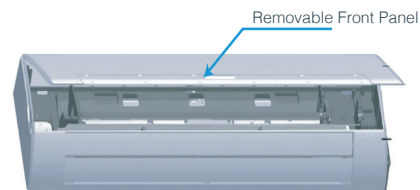


- ▶ **Self Diagnosis Function.**  
Once abnormal operation or parts failure happen, the unit will monitor the failures, the microcomputer of air conditioner will switch off and protect the system automatically when it happens. Meanwhile, the error or protection code will be displayed on the indoor unit.

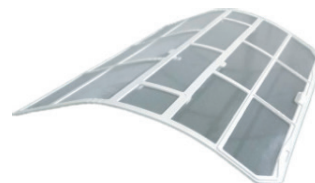


### Maintenance Friendly.

Removable front panel making maintenance convenient.



### High Density Washable Air Filter.



### Additional Features.

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

## SPECIFICATION

Model Number		Indoor Outdoor	KGW-C010 KGO-C010	KGW-C012 KGO-C012	KGW-C018 KGO-C018	KGW-C024 KGO-C024
Cooling Performance	Power Supply	Ph-V-Hz	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V,1Ph,50Hz
	Capacity	Btu/h	9000	12000	18000	24000
		W	2638	3517	5275	7034
	Input Power	W	799	1172	2029	2510
	Running Current	A	3.60	5.10	8.80	11.0
	EER	Btu/hW	11.26	10.24	8.87	9.56
Indoor Unit Specification						
Air Flow	Hi/Mi/Lo	m3/h+30	580/470/350	600/490/370	810/660/540	1030/920/760
Noise Level	Hi/Mi/Lo	dB(A)+3	41/35/28	41.5/35.5/29	43.5 /37/32.5	46/43.5/38
Unit Dimension	Net (W*D*H)	mm+5	805x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	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 Specification						
Noise Level		dB(A)+3	52.5	55.8	57.4	55.5
Unit Dimension	Net (W*D*H)	mm+5	700x275x550	770x300x555	770x300x555	845x363x702
	Packing(W*D*H)	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		g	R410A/500	R410A/780	R410A/880	R410A/1050
Design Pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant Piping	Liquid & 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. Pipe Length	m	20	20	25	25
	Max. Elevation	m	8	8	10	10
Control Type			Remote Control	Remote Control	Remote Control	Remote Control
Operation Temperature		°C	17~30	17~30	17~30	17~30
Quantity Per Container	20' /40' /40'HQ		115/240/270	110/224/254	92/200/224	64/136/146

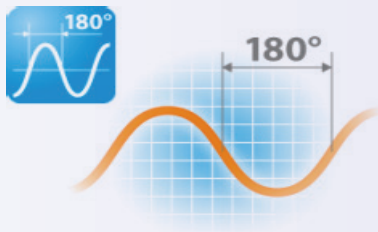
Condition : 1) Nominal cooling capacities are based on the following condition : indoor 27.0 °C DB, 19.0 °C WB, outdoor 35 °C D B.

2) All specifications are subjected to change by manufacturer without prior notice.

# WALL MOUNTED DC-INVERTER

## MAIN FEATURES

- ▶ **Capacity Range 9,000 ~ 22,000 Btu/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:
  - a. Ability to work with a wider range of supply voltage and frequency.
  - b. Optimize the energy efficiency and energy conservation.
  - c. More soft starting, lower noise and vibration.
  - d. More control.



### ▶ Rapid Cooling

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

### ▶ Convenient Control

Standard wireless remote controller or wired controller (optional). 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.

### ▶ 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
- Louver Position Memory
- Low & High Ambient Cooling
- 24-Hour Timer
- Auto Restart Function
- Two-Way Draining

## SPECIFICATION

Model Number		Indoor Outdoor	KDWX-C091MAA KDOX-C091MAA	KDWX-C121MAA KDOX-C121MAA	KDWX-C181MAA KDOX-C181MAA	KDWX-C221MAA KDOX-C221MAA
Cooling Performance	Power supply	Ph-V-Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz
	Capacity (Capacity Range)	Btu/h	9,000 (1,886~10,328)	12,000 (3,780~13,800)	18,000 (7,120~19,180)	21,000 (8,820~23,100)
		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)
	Input Power	W	824 (214~1,076)	1,170 (385~1,364)	1,757 (538~1,901)	2,050 (593~2,182)
	Running 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 Power	W	1,321	2,050	2,400	2,800
	Rated/Max. Running Current	A	5.75	9.5	11.8	13.5
Indoor Unit Specification						
Air Flow	Hi/Mi/Lo	m <sup>3</sup> /h±30	460/400/300	580/470/350	810/660/540	1030/920/760
Noise Level	Hi/Mi/Lo	dB(A)±3	39/32/28	40/33/28.5	45/38.5/32	46/40/34
Unit Dimension	Dimension(W*D*H)	mm±5	715x194x285	805x194x285	957x213x302	1,040x220x327
	Packing (W*D*H)	mm±5	780x270x360	870x270x360	1,035x295x380	1,120x405x310
	Net/Gross weight	Kg±0.5	6.9/8.9	8.2/10.4	10.6/13.6	13/16
Outdoor Unit Specification						
Noise Level		dB(A)±3	53.5	54.5	55.0	57.0
Unit Dimension	Dimension (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	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant	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")
Piping	Max. Pipe Length	m	25	25	30	30
	Max. Elevation	m	10	10	20	20
Control Type			Remote Control	Remote Control	Remote Control	Remote Control
Operation Temperature		°C	17~30	17~30	17~30	17~30
Qty/per 20' /40' /40'HQ			117/235/280	110/227/244	86/180/208	64/140/154

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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