



# AIR CONDITIONING



BIINWELL INDUSTRIES LIMITED

Tel: +86 769-81915919

Fax: +86 769-81915919

Cell: +86 134-86095971

+86-136-60350025

Website: [www.biinwell.com](http://www.biinwell.com)

Email: [info@biinwell.com](mailto:info@biinwell.com)

# Biinwell Profile

Who we are .....	01
Why us .....	02
Service .....	03
Hot Selling.....	04
QC.....	05
More about us.....	06
Functions and Features.....	07-16

## Middle East Market

Saudi Arabia 7 Star Wall Split T3 R410a.....	17-18
Saudi Arabia 6 Star Window T3 R410a.....	19-20
Saudi Arabia 7 Star Floor Standing T3 R410a.....	21-22
Qatar & Bahrain 6 Star Wall Split T3 Rotory R22.....	23-24
Qatar & Bahrain 3 Star Window T3 Rotory R22.....	25
Qatar & Bahrain 5 Star Wall Split T3 Piston R22.....	26
Qatar & Bahrain 3 Star Window T3 Piston R22.....	27-28
Wall Split T3 Rotory R22.....	29-30
Window T3 Rotory R22.....	31
Wall Split T3 Piston R22.....	31
Window T3 Piston R22.....	33
Floor Standing T3 Rotory R22.....	34-36

## Europe Market

Europe ERP 4.0 DC Inverter Split Type.....	39-40
Europe ERP Inverter Multi Split Type.....	41-42
Australia EER Inverter Split Type.....	43
Dehumidifier.....	44

## Africa Market

Wall Split Type 50Hz R22.....	46
Wall Split Type 50Hz R410a.....	47
Wall Split Type 50Hz R410a.....	48
DC Inverter Wall Split Type 50Hz.....	50
Window Type 50Hz R22.....	52
Window Type 50Hz R410a.....	53
Floor Standing Type 50Hz R22.....	54
Floor Standing Type 50Hz R410a.....	55

## America Market

Wall Split Type 60Hz R410a.....	57
Wall Split Type Mexico High EER.....	58
Wall Split Type DC Inverter.....	60-66
Wall Split Type DC Inverter Multi Zones.....	67
Window Type Top Discharge.....	68
Portable Type Air Conditioner.....	69
Dehumidifier.....	70
PTAC.....	71

Exploded View.....	73-75
Contact US.....	76

# Who we are?

01. Manufacture cost with professional trading service
02. Small team with simple corporate structure
03. Growing together with customer
04. We get profit just because you get profit
05. VIP service 7days all week
06. OEM and All series of certifications and specialist support

# Why us?

- 1. Do not waste time:** Simple corporate structure, all requirement feedback to boss directly
- 2. Reply quickly:** Email reply within 8hours, and keep Wechat, Whatsapp, Skype online 24hours
- 3. Supply Chain Partnership:** Shorten sourcing cycle, Respond to market trends quickly!
- 4. Extra service:** Packing design, LOGO design, promotion design in free
- 5. Quality Assurance:** Twice inspection (in production & end of production)
- 6. Warranty:** 1% free spare parts in total order value & support all spare parts after sale



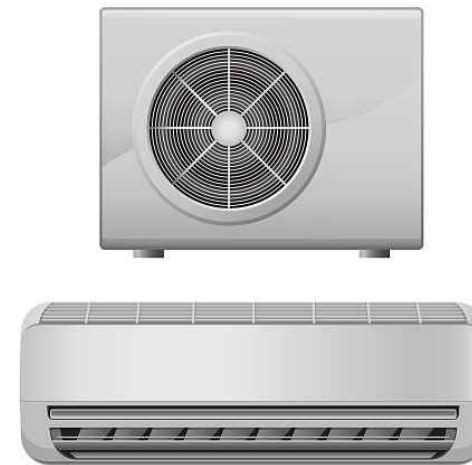
## Service

DIFFERENT CERTIFICATION APPROVED	12 HOURS FIRST ACTION FOR ALL REQUIREMENTS
DIFFERENT CERTIFICATION APPROVED	VARIOUS FAMOUS COMPRESSOR BRANDS OPTIONAL
2 YEARS WARRANTY FOR WHOLE UNITS	ONE STOP AIR CONDITIONER PURCHASING PROCESS
5 YEARS WARRANTY FOR THE COMPRESSOR	1% SPARE PARTS OFFERED WITH BULK ORDER
EASY TO UNDERSTAND PROPOSALS	CUSTOMER AIR CONDITIONER LOADING CALCULATIONS



## Hot Selling

CATALOG	
PTAC	WALL SPLIT AC
AIR CURTAIN	WINDOW AC
CEILING & FLOOR	FLOOR STANDING
HEAT PUMP	PORTABLE AC
CONSOLE	CASSETTE
VRF	DUCT







BiinWell Industries Limited, A professional manufacturer and supplier for Air Conditioner ( Floor Stand, Split, Window), AC Spare Parts (AC fan guard/grille, AC ODU Bracket, Compressor, Motor holder, Capacitor, Pipe kit, Copper pipe, AC IDU/ODU Motor ).

For judicious and quick delivery of the shipments, our company has cultivated a formidable network that spreads in national as well as overseas markets of UAE, Oman, Qatar, Yemen & India, Nigeria, Ghana, South Africa, Equatorial Guinea, France, Germany, UK. The company has a technical team stationed in China for monitoring, supervising and controlling our shipments. This network has assisted in penetrating the remotest part of the market. As such our company is known as one of the reliable exporters of superior quality products from China. The focus of our company is on building partnerships with selected companies where all players look at issues from the same perspective. All relationships are worked on to develop a long-term partnership.

# Functions and Features



**Elaborate designing,highly efficient refrigeration**

Adopted world-famous compressor such as Mitsubishi,Hitachi,LG etc, enable high efficiency cooling and long service for air conditioner unit.



**Multi-folds evaporator**

Multi-fold evaporator in indoor unit could enlarge the expel heat area and enhance the cooling/heating efficiency,also make the units more compact in size.



**Sleep mode operation**

Temperature gently rises or falls automatically to maintain comfortable room temperature and saves energy.



**Three- dimensional swinging pattern air delivery technology**

Multi-dimensional wind-outlet function, surrounded human body and wind reach to every room corner.



**Auxiliary electric heating system (optional)**

greatly increases heating volume, avoids insufficient heating of heat-pump type air conditioners especially in winter. Depending on various models, the heating volume can be raised by 600-2500W.



**Saw-teeth fan wheel design for noise reduction**

The latest model adopts the air flow blades in the shape of saw teeth, which greatly reduces the vibration noises at the end of the vortex, and the operational noises of the outdoor unit.



**Super-quality internal threaded copper pipe**

Superior inner-grooved copper tube that enable refrigerant flow much faster in the copper tube, enhance heat-exchange efficiency up to 30-50% compared with the traditional smooth copper tube.



**Hydrophilic film aluminum foil**

Blue-colored hydrophilic alum foil in indoor unit that free from water contamination, which enhance the heat-exchange efficiency.



**Extra quiet operations (optional)**

Unique low noise design, large-diameter, straight line and low noise indoor/outdoor fan special duct design that enable the unit in quiet operation



**Dual air delivery plate for guiding direction of air delivery (optional)**

Double louvers delivery wind up and down could avoid cooling/heating human body directly.



**Air exchange device (optional)**

Fresh air exchange function could exhaust unclean air from indoor and exchange fresh air from outdoor.



**Automatic restart function (optional)**

If the power suddenly cuts off,once the power supply resumes,the automatic restart function allows the air-conditioner to restart keeping the previous set up mode.



**Self-diagnosis and auto-protection function**

With this function, the errors will be detected by chips and displayed on the LEDs of the indoor unit.And at the same time, the protect function is automatically energized.



**Intelligent defrosting (optional)**

Defrosting fully controlled by micro-processor to ensure the effective heating conditions.



**Intelligent control,easy operation (optional)**

Adopted intelligent central digital dynamic LED display, indicate the operation status vividly. The setting of timed switch-on/off can be made according to the end-user's needs.



**Independent de-humidifying**

Independent dehumidify could lower water vapor in the room rapidly, but do not effect cooling when dehumidifying.



**Corrugate high efficient filter screen**

This super filter screen is easy to remove for cleaning, highly effective in mold prevention and anti-bacteria, ensuring the healthy environment in the room.



**On/Off by timers**

The setting of timed switch-on/off can be made according to the end-user's needs.



**Wide voltage design (Inverter type air conditioner)**

Activation is possible within a voltage range of 160V-260V, There is no need for using a voltage stabilizer where the voltage fluctuates.



**Cold catalyst technology**

The cold catalyst has the functions of sterilization and removing odors.It can completely degrade the methyl oxide in the room air that might cause cancer disease. It will also effectively remove the odd odors like those of methyl hydrosulfate, ethyl mercaptan, etc. Compared with the optical catalyst, the cold catalyst has the advantages of recycled use without going through regeneration process.





#### I feel

Unit automatically adjusts temperature according to sensed temperature



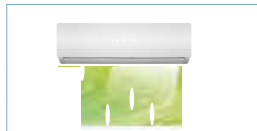
#### Turbo

To cool or heat the room intensely.



#### Up and down air outlet

Cool air is directed across the room when warm air is directed to the floor.



#### Low voltage startup

Unit is safely started when voltage below standard.



#### Fixed and swing

Cool air is directed across the room when warm air is directed to the floor.



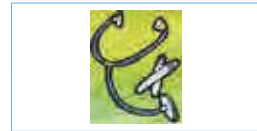
#### Clock display

Time is shown on wireless remote controller.



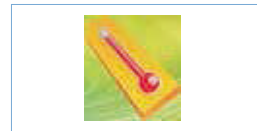
#### Diagnosis displaying

Error code is displayed for fast and easy maintenance when a problem is developed.



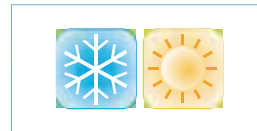
#### Hydrophilic film aluminum foil

Blue-colored hydrophilic alum foil in indoor unit that free from water contamination, which enhance the heat-exchange efficiency.



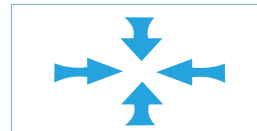
#### Rapid cooling (heating)

High-efficient system makes cooling/heating fast but still remain high EER/COP.



#### 4-Way air supply

4 dimensions air distribution presents even temperature.



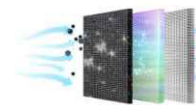
#### Optimization design of highly efficient compressor

Compressors such as Mitsubishi and Hitachi are selected, which are highly efficient, energy conserving, steady and lasting.



#### Ionizer

The abundance of anions present at waterfall, rivulet and in forest soothes and refreshes people. Yonan air conditioners have taken advantage of ionizer technology to bring the refreshing air to your home.

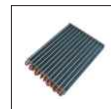


#### Oxygen generating mechanism

The oxygen enrichment membrane in the outdoor unit can increase the oxygen density up to 30%. It brings the refreshing air to your home.



Optimization design of highly efficient electric machine  
plastic seal electric machine with high quality is used.  
Which runs steadily and mutely.

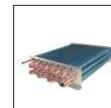


#### Optimization design of specially multifolding evaporator

Innovative structure of multi-folding evaporator of Yonan artfully increases area of dissipation



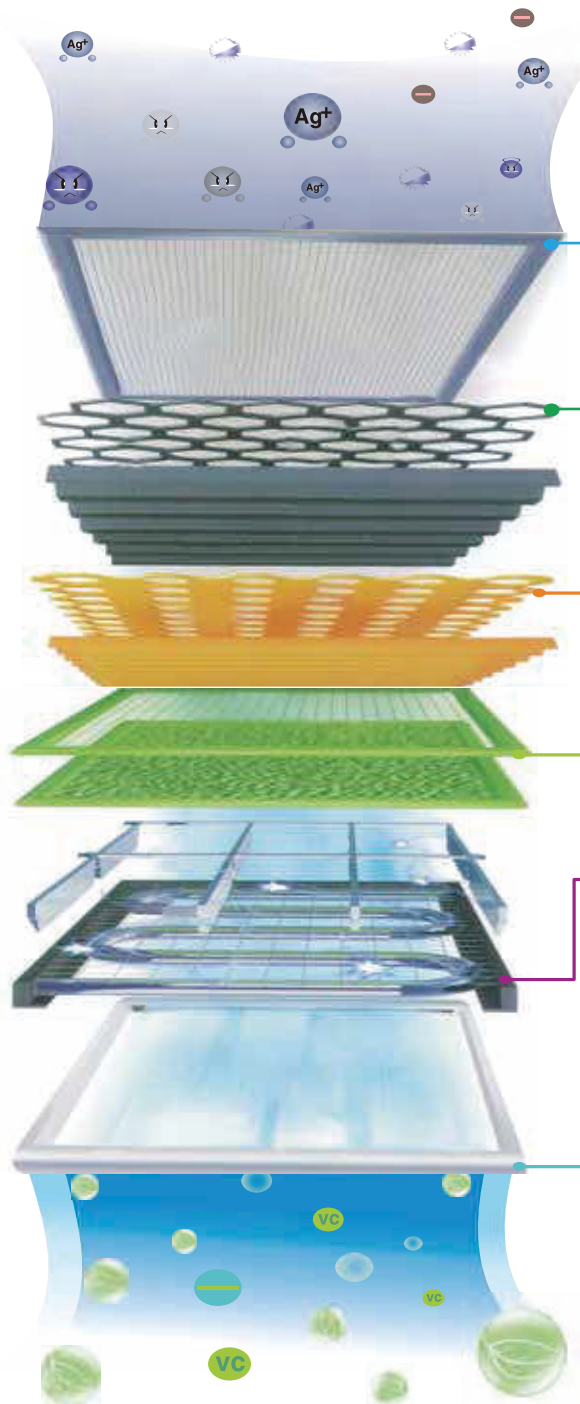
Optimization design of flow path of heat exchange  
Tubules are used in heat exchanger to increasing area of dissipation and also achieving energy conservation.



#### Turbulence suppression design of air conduit

Incorporate air conduit makes wind current orderly and fluent, noise soundless, and electric energy saving effect obvious.





### 1 Silver Ion Filter

The Silver ion can kill bacteria or prevent their activity at very low density by destroying their inner-configuration and absorbing their elements in cells. Meanwhile, the Nano Silver attached on the filter release the Silver ion constantly to eliminate bacteria effectively and continuously.

### 2 Active Carbon

Active Carbon Electrostatic Fiber Filter is made of Active Carbon and Electrostatic Fiber Filter.

Active Carbon Filter eliminates certain kinds of odors such as ammonia (NH<sub>3</sub>) and deactivates harmful chemical gas such as formaldehyde (HCHO).

By forming positive positions on the filter surface. Electrostatic Fiber Filter traps small dust particles, smoke and pet fur to prevent allergic reactions.

### 3 Vitamin C Filter

The Vitamin C filter fills the air with vitamin C, which softens the skin and reduces stress. The lifetime of the Vitamin C filter is approximately two years.

### 4 Bio Filter

Bio Filter consists of a specialized biological enzyme and Eco filter. The Eco filter catches very small airborne dust particles and neutralizes bacteria, fungi and microbes. Biological enzyme eliminates bacteria by dissolving their cell wall thus eliminating bacteria by dissolving their cell wall thus eliminating the problem of re-pollution seen in traditional air conditioners.

### 5 Plasma Dust collector

The Plasma Dust Collector can generate an ionization zone. The air is converted to plasma as it passes the high voltage ion generator. 95% of the dust, smoke, and pollen particles are attracted to the electrostatic filter.

### 6 Ionizer

Anions can take care of your body. Anions can stimulate the blood circulation system, improve lung function and effectively prevent respiratory passage illnesses (such as asthma and pneumonia).  
Anions Eliminate Dust and Smoke: When air passes through the ionizer brush, Anions are automatically generated by ionization (3400V high static field). The amount of anions deactivate the airborne chemical vapors and dust particles.

## Comfortable air direction

◆ Intelligent air direction presents no temperature difference and comfortable



◆ When cooling, cool air is directed across the room and then sinks



◆ When heating, warm air is directed to the floor and then rises.



◆ When heating in winter, intelligent anti cool air function is started. Unit only blows when air inside the unit is pre-heated to prevent cool air from blowing out.

## Auto clean



Turn off the unit that contains this function when it is cooling or drying, indoor fan would still operate in low speed to dry the inner components and parts. This action can remain unit inside clean and dry, prevent mould growing and odor.

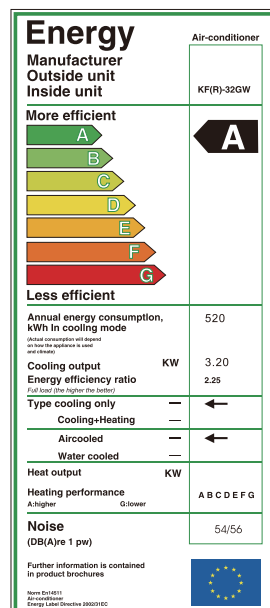




## Energy Labeling

The label aims at communicating information about the relative efficiency performance of different appliances to consumers,retailers and manufacturers mainly through the use of a categorical efficiency scale(from A to G),thus facilitating the comparison of efficiency between many products by consumers.

The energy label is particularly effective in giving the consumer correct and well-balanced information about the appliance' s consumption/performance ratio in an easy to read and understandable format.Indirectly,it spurs the manufacturer to update the product to bring it as far as possible into with the consumer's motivated choices.



"A" is the most efficient, "G" the least.The more energy efficient an appliance is,the more money you can save,and the more you help the environment.

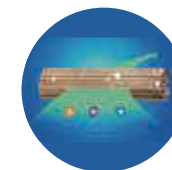
- A** EER>3.20
- B** 3.20 ≥ EER>3.00
- C** 3.00 ≥ EER>2.80
- D** 2.80 ≥ EER>2.60
- E** 2.60 ≥ EER>2.40
- F** 2.40 ≥ EER>2.20
- G** 2.20 ≥ EER

- A** COP>3.60
- B** 3.60 ≥ COP>3.40
- C** 3.40 ≥ COP>3.20
- D** 3.20 ≥ COP>2.80
- E** 2.80 ≥ COP>2.60
- F** 2.60 ≥ COP>2.40
- G** 2.40 ≥ COP

## Golden Tech

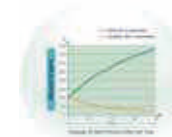
### Golden Bio Evaporator

It can efficiently prevent bacteria from breeding and spreading. It helps create a health and comfortable environment.



## Tele Remote Tech

YONAN' S Tele Remote Control Technology enables you to control your A/C at anytime and anywhere by telephone.



Automatic tone instruction makes it simple for the A/C setting such as the mode setting, temperature setting and fan speed setting.

Password setting ensures a safe operation.

## Fast-Connection



**Wall support:**  
Once where to put the " split " Internal unit is determined,fix the surztz to the wall.



**External connections:**  
Drill the wall and arrange the protection and the plastic frame. Pass accurately the two connection tubes of the cooling gas, the electric cable, and the tube for the drainage of the condensed water.



**Connection to the internal unit:**  
Connect the two Fast-Connection Connectors of cooling gas using wrench and connector of electric cable. Pay attention to the correct assembly of the parts.



**Connection to the external unit:**  
Connect to the external unit the Fast-connection tubes of cooling gas with the help of two wrenches.



**External connections:**  
Connect the electric cable to the external unit, using the plastic connector.

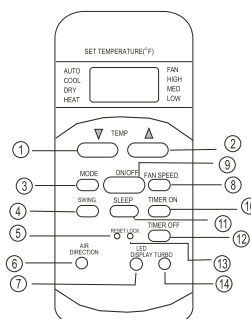


**Start the conditioner:**  
Once all the connections are completed, open the tap of cooling gas on the external unit and then start the conditioner.

EER:Energy efficiency class in cooling mode COP:Energy efficiency class in heating mode



Facile da controllare Telecomando con tasti luminescenti. I tasti luminescenti del telecomando brillano al buio, rendendo semplice l'impostazione di tutte le funzioni principali.

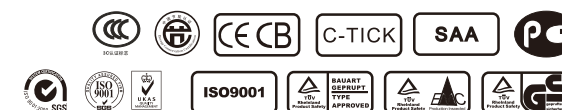
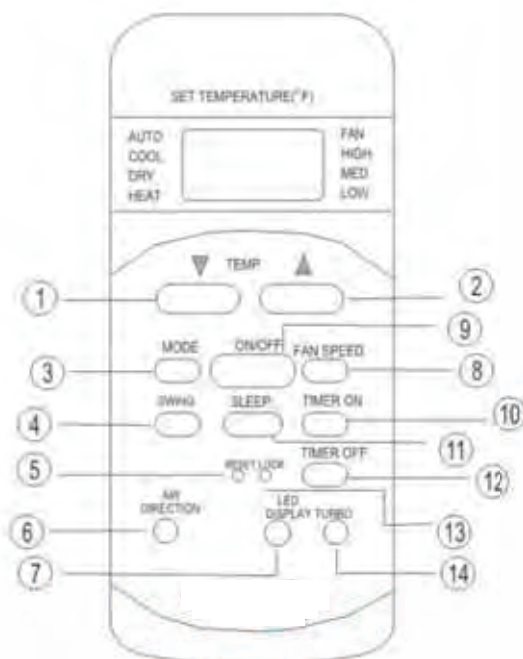


- ① **TEMP Button ▼**: Push this button to decrease the indoor temperature setting.
- ② **TEMP Button ▲**: Push this button to increase the indoor temperature setting.
- ③ **MODE Selection Button**: Each time the button is pressed, the operation mode is shifted in the direction of the arrow:  
→ AUTO → COOL → DRY → **HEAT** → FAN
- ④ **NOTE**: COOL only model has no HEAT feature.
- ⑤ **SWING Button**: Push this switch button to change the louver angle.
- ⑥ **RESET Button**: When you press the recessed RESET button, all current settings are cancelled and the control will return to the initial settings.
- ⑦ **AIR DIRECTION Button**: Press this button and release it quickly, the directional swing feature of the horizontal louver is activated. The louver swings for a certain angle for each press. If keep pressing the button for more than 2 seconds, the Auto swing feature will be activated. Press it again, the louver stops moving. When the louver swing at a position which would affect the cooling and heating effect of the air conditioner, it would automatically change the swing direction (Not applicable to units without this function).
- ⑧ **LED DISPLAY Button**: Press this button to clear the digit display in the air conditioner, press it again to illuminate (Not available for the units without LED display window).
- ⑨ **FAN SPEED Button**: Used to select the Fan Speed in four steps: AUTO, LOW, MED or HIGH. Each time the button is pressed, the fan speed mode is shifted.
- ⑩ **ON/OFF Button**: Push this button to start operation, push the button again to stop operation.
- ⑪ **TIMER ON Button**: Press this button to initiate the auto-on time sequence. Each press will increase the auto-timed setting in 30 minutes increments. When the setting time displays 12:00, each press will increase the auto-timed setting 60 minutes increments. To cancel the auto-timed program, simply adjust the auto-on time to 0:00.
- ⑫ **SLEEP Button**: Press this button to go into the Energy-Saving operation mode. Press it again to cancel. This function is only can be used on COOL, HEAT and AUTO mode and maintain the most comfortable temperature for you.
- ⑬ **NOTE**: While the unit is running under SLEEP operation mode, it would be cancelled if you press the other button.

## Wall Split Type

### Features:

- 1) Streamlined design
- 2) Anion generator, thorough dust elimination
- 3) Multi-layer air filter and T102 cleaning apparatus
- 4) Keeps indoor air fresh
- 5) LED motion display, easy to check its run
- 6) Air flows in four directions by adjusting air duct louvers
- 7) Humanized control way, combination with sound signal
- 8) Electric lock function
- 9) Big airflow, four way airflow
- 10) High cooling/ heating rate, energy-saving
- 11) Low noise fan motor
- 12) Low temperature start, electricity heating
- 13) English LCD remote control, compact and handy
- 14) Two control ways: manual control and remote control



- ① **TEMP Button ▼**: Push this button to decrease the indoor temperature setting.
- ② **TEMP Button ▲**: Push this button to increase the indoor temperature setting.
- ③ **MODE Selection Button**: Each time the button is pressed, the operation mode is shifted in the direction of the arrow.  
→ AUTO → COOL → DRY → HEAT → FAN →
- ④ **SWING Button**: Push this switch button to change the louver angle.
- ⑤ **RESET Button**: When you press the recessed RESET button, all current settings are cancelled and the control will return to the initial settings.
- ⑥ **AIR DIRECTION Button**: Press this button and release it quickly, the directional swing feature of the horizontal louver is activated. The louver swings for a certain angle for each press. If keep pressing the button for more than 2 seconds, the Auto swing feature will be activated. Press it again, the louver stops moving. When the louver swing at a position, which would affect the cooling/heating effect of the air conditioner, it would automatically change the swing direction (Not applicable to units without this function).

- ⑦ **LED DISPLAY Button**: Press this button to clear the digit display in the air conditioner, press it again to resume (Not available for the units without LED display window).
- ⑧ **FAN SPEED Button**: Used to select the fan speed in four steps: AUTO, LOW, MED, HIGH. Each time the button is pressed, the fan speed mode is shifted.
- ⑨ **ON/OFF Button**: Push this button to start operation, push the button again to stop operation.
- ⑩ **TIMER ON Button**: Press this button to initiate the auto-on time sequence. Each press will increase the auto-timed setting in 30 minutes increments. When the setting time displays 11:00, each press will increase the auto-timed setting 60 minutes increments. To cancel the auto-timed program, simply adjust the auto-on time to 0:00.
- ⑪ **SLEEP Button**: Press this button to go into the Energy-Saving operation mode. Press it again to cancel. This function is only can be used on COOL, HEAT and AUTO mode and maintain the most comfortable temperature for you.

**NOTE:** While the unit is running under SLEEP operation mode, it would be cancelled if you press the other button.





# Saudi Arabia 7 Star Wall Split T3 R410a



## Cooling Only

Model		KT3F-12GW/X1C	KT3F-18GW/X1C	KT3F-24GW/X1C	KT3F-30GW/X1C	KT3F-36GW/X1C
Cooling	Power supply	V-Hz-Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph
	Capacity	Btu/h	12000	18000	22000	28000
	Input	W	963	1490	1842	2260
	Rated current	A	4.27	6.48	8	9.83
	EER	W/W	3.65	3.54	3.50	3.63
Indoor unit	Indoor noise level (Hi/Mi/Lo)	dB(A)	40.4/35.1/30.5	49.3/44.7/42.5	47.8/42.9/41	50.8/46.5/40.3
	Dimension(W*D*H)	mm	802x189x297	1080x226x335	1080x226x335	1259x282x362
	Packing (W*D*H)	mm	875x285x375	1155x415x315	1155x415x315	1340x450x380
	Net/Gross weight	Kg	8.9/11.4	14/17.5	14.7/18.3	22.2/27.8
Outdoor unit	Outdoor noise level	dB(A)	57.1	58.8	59.6	61.1
	Dimension(W*D*H)	mm	770x300x555	845x363x702	946x410x810	946x410x810
	Packing (W*D*H)	mm	900x348x615	965x395x755	1090x500x875	1090x500x875
	Net/Gross weight	Kg	32.2/34.7	40.9/44.1	60.4/65.9	59.9/65.6
Refrigerant type		g	R410A/1080	R410A/1130	R410A/2050	R410A/2250
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7 (1/4"/1/2")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ19 (3/8"/3/4")
	Max. refrigerant pipe length	m	20	25	25	25
	Max. difference in level	m	8	10	10	10
Application area		m <sup>2</sup>	16-23	24-35	29-43	37-55
Qty'per 40'HQ			230	150	105	93

## Heating & Cooling

Model		KT3FR-12GW/X1C	KT3FR-18GW/X1C	KT3FR-24GW/X1C	KT3FR-30GW/X1C	KT3FR-36GW/X1C
Cooling	Power supply	V-Hz-Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph
	Capacity	Btu/h	12000	18000	23000	28000
	Input	W	963	1490	1926	2260
	Rated current	A	4.27	6.48	8.4	9.83
	EER	W/W	3.65	3.54	3.50	3.63
Heating	Capacity	Btu/h	11500	17500	23500	28000
	Input	W	1080	1620	2050	2100
	Rated current	A	4.69	7.04	8.91	9.48
	COP	W/W	3.12	3.17	3.36	3.91
Indoor unit	Indoor noise level (Hi/Mi/Lo)	dB(A)	41.4/35.9/32.3	49.9/44.6/39.4	51.7/46/42.3	51.3/47.1/41.1
	Dimension(W*D*H)	mm	802x189x297	1080x226x335	1080x226x335	1259x282x362
	Packing (W*D*H)	mm	875x285x375	1155x415x315	1155x415x315	1340x450x380
	Net/Gross weight	Kg	9/11.7	14.3/18.2	14.7/18.6	22.2/28
Outdoor unit	Outdoor noise level	dB(A)	59.8	59	58.6	59.8
	Dimension(W*D*H)	mm	770x300x555	845x363x702	946x410x810	946x410x810
	Packing (W*D*H)	mm	900x348x615	965x395x755	1090x500x875	1090x500x875
	Net/Gross weight	Kg	33.6/36.1	44.6/47.8	62.1/67.7	63.9/69.5
Refrigerant type		g	R410A/1200	R410A/1800	R410A/2100	R410A/2550
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7 (1/4"/1/2")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ19 (3/8"/3/4")
	Max. refrigerant pipe length	m	20	25	25	25
	Max. difference in level	m	8	10	10	10
Application area		m <sup>2</sup>	16-23	24-35	31-45	37-55
Qty'per 40'HQ			230	150	105	93

## Saudi Arabia 6 Star Window T3 R410a



## Cooling Only Heating & Cooling

Model		KT3C-51-X1a	KT3CD-51-X1a	KT3C-61-X1a	KT3CD-61-X1a
Cooling	Power supply	Ph-V-Hz	1Ph,220-230V~, 60Hz	1Ph,220-230V~, 60Hz	1Ph,220-230V~, 60Hz
	Capacity	Btu/h	18000	18200	22250
	Input	W	1812	1840	2122
	Rated current	A	7.8	8.03	9.6
Heating	EER	W/W	2.91	2.9	2.87
	Capacity	Btu/h	N/A	10632	N/A
	Input	W	N/A	3441	N/A
	Rated current	A	N/A	15.1	N/A
Heating	COP	W/W	N/A	0.906	N/A
	Indoor side noise level (Hi/Mi/Lo)	dB(A)	57/55/52	55.8/-/54.1	58/55/53
	Outdoor side noise level (Hi/Mi/Lo)	dB(A)	65	R410A/0.66	65
	Refrigerant type	kg	R410A/0.66	4.8/1.5	R410A/0.87
Application area(Cooling Standard)	Application area(Cooling Standard)	m <sup>2</sup>	24-35	24-36	28-41
	Dimension(W*D*H)	mm	660x680x428	660x785x428	660x680x428
	Packing (W*D*H)	mm	746x815x515	770x915x510	746x815x515
	Net/Gross weight	Kg	52/56.4	56.3/60.6	57.1/61.8
Loading quantity 20' /40' /40'HQ	Loading quantity 20' /40' /40'HQ	sets	84/180/220	72/156/195	84/180/220
	Loading quantity 20' /40' /40'HQ	sets	84/180/220	72/156/195	84/180/220



## Saudi Arabia 7 Star Floor Standing T3 R410a



### Cooling Only Heating & Cooling

Model			KT3F-48LW/X1C	KT3FR-48LW/X1C	KT3F-60LW/X1C	KT3FR-60LW/X1C
Cooling	Power supply	Ph-V-Hz	230V-60Hz, 1Ph	230V-60Hz, 1Ph	230V-60Hz, 1Ph	230V-60Hz, 1Ph
	Capacity	Btu/h	45000	45000	51000	51000
	Input	W	3700	3700	4300	4300
	Rated current	A	18	18	20	20
	EER	W/W	3.56	3.56	3.48	3.48
Heating	Capacity	Btu/h	—	51000	—	55000
	Input	W	—	3800	—	4400
	Rated current	A	—	19	—	20
	COP	W/W	—	3.93	—	3.66
Indoor noise level (Hi/Mi/Lo) or (Hi/Lo)		dB(A)	60/54	60/54	60/54	60/54
Indoor unit	Dimension(W*D*H)	mm	610x390x1925	610x390x1925	610x390x1925	610x390x1925
	Packing (W*D*H)	mm	2040x745x545	2040x745x545	2040x745x545	2040x745x545
	Net/Gross weight	Kg	57.2/77	57.2/77	57.2/77	57.2/77
Outdoor noise level		dB(A)	62	63	62	63
Outdoor unit	Dimension(W*D*H)	mm	938x392x1369	938x392x1369	938x392x1369	938x392x1369
	Packing (W*D*H)	mm	1095x495x1505	1095x495x1505	1095x495x1505	1095x495x1505
	Net/Gross weight	Kg	107.7/120	113.2/125.4	107.7/120	119/132
Refrigerant type		g	R410A/4100g	R410A/4400g	R410A/4100g	R410A/4300g
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ 9.52/Φ 19(3/8"/3/4")	Φ 9.52/Φ 19(3/8"/3/4")	Φ 9.52/Φ 19(3/8"/3/4")	Φ 12.7/Φ 22(1/2"/7/8")
	Max. refrigerant pipe length	m	20	20	20	20
	Max. difference in level	m	10	10	10	10
Application area		m <sup>2</sup>	60-88	60-88	60-88	66-97
Qty' per 20' /40' /40'HQ			16/35/40	16/35/40	16/35/40	16/35/40



## Qatar & Bahrain



## Qatar & Bahrain 6 Star Wall Split T3 Rotory R22



## Cooling Only

Model			KT3F-18GW/X1	KT3F-24GW/X1	KT3F-30GW/X1	KT3F-36GW/X1
Power supply		V-Hz-Ph	220-240V-50Hz, 1Ph	220V-50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	18000	22000	27000	31000
	Input	W	1820	2220	2550	3050
	Rated current	A	7.9	9.7	11.1	13.3
	EER	W/W	2.90	2.90	3.10	2.98
Indoor noise level (Hi/Mi/Lo)		dB(A)	44/39/33	47/39/35	50.6/47.6/41.5	50.8/47.3/41.1
Indoor unit	Dimension(W*D*H)	mm	965x215x319	1080x226x335	1259x282x362	1259x282x362
	Packing (W*D*H)	mm	1045X305X405	1155x415x315	1340x450x380	1340x450x380
	Net/Gross weight	Kg	11.5/15	14.2/17.7	19.9/25.7	21.2/26.8
Outdoor noise level		dB(A)	60	62	58.6	59
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	845x363x702	946x410x810	946x410x810
	Packing (W*D*H)	mm	965x395x755	965x395x755	1090x500x875	1090x500x875
	Net/Gross weight	Kg	44.3/47.4	47/ 50.2	61.5/67.3	64.1/69.8
Refrigerant type		g	R410A/1250g	R410A/1650g	R410a/1900g	R410a/2400g
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ 6.35(Φ12.7(1/4")/1/2")	Φ 9.52(Φ15.9(3/8")/5/8")	Φ 9.52(Φ15.9(3/8")/5/8")	Φ 9.52(Φ15.9(3/8")/5/8")
	Max. refrigerant pipe length	m	25	25	25	25
	Max. difference in level	m	10	10	10	10
Application area (Cooling Standard)		m <sup>2</sup>	24-35	31-46	36-53	41-61
Qty/per 20' /40' /40'HQ			70/140/160	66/138/152	37/78/92	37/78/92



## Qatar & Bahrain 3 Star Window T3 Rotory R22



### Cooling Only

Sale model		KT3C-18	KT3C-24
Power supply	Ph-V-Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz
Cooling(T1)	Capacity	18000	21000
	Input	1940	2300
	Current	8.4	10.5
	EER	2.8	2.67
Indoor side noise level (Hi/Mi/Lo)		dB(A) 56/52/50	56/53
Outdoor side noise level (Hi/Mi/Lo)		dB(A) 63/61/60	64
Refrigerant type		kg R22/0.67	R22/0.72
Application area (Cooling Standard)		m <sup>2</sup> 24-35	28-41
Dimension(W*D*H)		mm 660x680x428	660x680x428
Packing (W*D*H)		mm 746x815x515	746x815x515
Net/Gross weight		Kg 52/57	55/60
Loading quantity 20' /40' /40'HQ		Pieces 84/180/225	84/180/225

## Qatar & Bahrain 5 Star Wall Split T3 Piston R22



### Cooling Only

Model			KT3P-18GW/X1	KT3P-24GW/X1	KT3P-36W/X1
Power supply		V-Hz-Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	18500	23755	31330
	Input	W	1840	2290	3460
	Rated current	A	8.16	10.2	15.1
	EER	W/W	2.95	2.92	2.81
Indoor noise level (Hi/Mi/Lo)		dB(A)	44/39/33	46/44/40.5	47.5/45/38.5
Indoor unit	Dimension(W*D*H)	mm	965x215x319	1080x226x335	1259x282x362
	Packing (W*D*H)	mm	1045X305X405	1155x415x315	1340x450x380
	Net/Gross weight	Kg	11.6/14.8	14.2/17.7	21.3/27.2
Outdoor noise level		dB(A)	59	59.5	61
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	946x410x810	946x410x810
	Packing (W*D*H)	mm	965x395x755	1090x475x855	1090x475x855
	Net/Gross weight	Kg	52.6/55.7	69.3/74.9	77.5/83.2
Refrigerant type		g	R22/1150g	R 22/2150g	R 22/2600g
Application area (Cooling Standard)		m <sup>2</sup>	25-36	32-47	43-63
Qty'per 20' /40' /40'HQ			160	110	100

# Qatar & Bahrain 3 Star Window T3 Piston R22



## Cooling Only

Sale model		KT3P-18	KT3P-24
Power supply	Ph-V-Hz	1Ph ,220-240V~.50Hz	1Ph ,220-240V~.50Hz
Cooling(T1)	Capacity	18000	22000
	Input	1900	2687
	Current	8.5	11.7
	EER	2.78	2.4
Indoor side noise level (Hi/Mi/Lo)		dB(A) 58/58/58	65/63/61
Outdoor side noise level (Hi/Mi/Lo)		dB(A) 65/64/62	65/64/62
Refrigerant type		kg R22/0.58	R22/0.56
Application area ( Cooling Standard )		m² 24-35	24-35
Dimension(W*D*H)		mm 660x680x428	660x680x428
Packing (W*D*H)		mm 746x815x515	746x815x515
Net/Gross weight		Kg 60/65	60/65
Loading quantity 20' /40' /40'HQ		Pieces 84/180/225	84/180/225





## Wall Split T3 Rotory R22



## Cooling Only

Model		KT3F-12GW	KT3F-18GW	KT3F-24GW	KT3F-30GW	KT3F-36GW
Power supply	V-Hz-Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Capacity	Btu/h	12000	17500	22000	28000	36000
Input	W	1150	1970	2460	2930	3893
Rated current	A	5.1	8.6	10.7	12.7	17.1
EER	W/W	3.06	2.60	2.62	2.80	2.71
Indoor noise level (Hi/Mi/Lo)	dB(A)	37/34/25	43/38/34	48/45/43	50/47/42	50/46/39.5
Dimension(W*D*H)	mm	802x189x297	965x215x319	1080x226x335	1259x282x362	1259x282x362
Packing (W*D*H)	mm	875x285x375	1045X305X405	1155x415x315	1340x450x380	1340x450x380
Net/Gross weight	Kg	8.8/11	11.5/14.7	14.2/17.7	19.5/25.1	20.9/26.9
Outdoor noise level	dB(A)	55	58	59	60	59
Dimension(W*D*H)	mm	770x300x555	845x363x702	845x363x702	946x410x810	946x410x810
Packing (W*D*H)	mm	900x348x615	965x395x755	965x395x755	1090x500x875	1090x475x855
Net/Gross weight	Kg	32.3/34.6	38.5/41.5	45.5/49	64.6/69.7	62.4/68.3
Refrigerant type	g	R22/1000g	R22/870g	R22/1250g	R22/2350g	R22/2350g
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	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. refrigerant pipe length	m	10	15	20	20	20
Max. difference in level	m	5	8	10	10	10
Application area	m <sup>2</sup>	16-23	26-34	29-43	37-55	37-55
Qty'per 20' /40' /40'HQ		105/220/242	68/140/158	67/135/152	38/78/98	38/78/98

## Heating & Cooling

Model		KT3FR-12GW	KT3FR-18GW	KT3FR-24GW	KT3FR-30GW	KT3FR-36GW
Power supply	V-Hz-Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Capacity	Btu/h	12000	18000	23000	28000	34000
Input	W	1280	2020	2600	2930	3401
Rated current	A	6.0	9.0	12.5	12.7	15
EER	W/W	2.75	2.61	2.59	2.80	2.93
Capacity	Btu/h	12500	20000	26500	30000	33000
Input	W	1160	1980	2470	2882	3250
Rated current	A	5.7	8.5	12.0	13.7	14.5
COP	W/W	3.16	2.96	3.14	3.05	2.98
Indoor noise level (Hi/Mi/Lo)	dB(A)	38/33/27	43/39/33	48/44/39	50/47/42	51/46/42
Dimension(W*D*H)	mm	802x189x297	965x215x319	1080x226x335	1259x282x362	1259x282x362
Packing (W*D*H)	mm	875x285x375	1045X305X405	1155x415x315	1340x450x380	1340x450x380
Net/Gross weight	Kg	9.0/11.2	11.8/14.8	14.518.3	19.5/25.1	20/25.5
Outdoor noise level	dB(A)	56	58	60	60	62
Dimension(W*D*H)	mm	770x300x555	845x363x702	845x363x702	946x410x810	946x410x810
Packing (W*D*H)	mm	900x345x585	965x395x755	965x395x755	1090x500x875	1090x500x875
Net/Gross weight	Kg	31.2/33.0	44.5/47.5	49/52	64.6/69.7	63.2/67
Refrigerant type	g	R22/830g	R22/1300g	R22/1700g	R22/2350g	R22/2200g
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
Max. refrigerant pipe length	m	10	15	20	20	20
Max. difference in level	m	5	8	10	10	10
Application area	m <sup>2</sup>	16-23	24-35	31-45	37-55	39-57
Qty'per 20' /40' /40'HQ		105/220/242	70/144/160	66/138/152	38/78/98	38/78/98

## Window T3 Rotary R22



### Cooling Only

Sale model		KT3C-18	KT3C-24
Power supply	Ph-V-Hz	220-240V~ 50Hz, 1Ph	1Ph, 220-240V~.50Hz
Cooling	Capacity	Btu/h	18000
	Input	W	2293
	Current	A	10
	EER	W/W	2.3
Indoor side noise level (Hi/Mi/Lo)		dB(A)	56/53/50
Outdoor side noise level (Hi/Mi/Lo)		dB(A)	62/59/56
Refrigerant type		kg	R22/0.65
Application area (Cooling Standard)		m <sup>2</sup>	26-44
Dimension(W*D*H)		mm	660x680x428
Packing (W*D*H)		mm	725x795x475
Net/Gross weight		Kg	48/52
Qty'per 20' /40' /40'HQ			84/182/213

## Wall Split T3 Piston R22



### Cooling Only

Model		KT3P-18GW	KT3P-24GW	KT3P-30GW	KT3P-36GW
Power supply	Ph-V-Hz	220-240V-50Hz, 1Ph	220-240V-50Hz, 1Ph	220-240V-50Hz, 1Ph	220-240V-50Hz, 1Ph
Cooling	Capacity	Btu/h	18000	24000	29500
	Input	W	1752	2290	3160
	Rated current	A	7.8	10.2	14.02
	EER	W/W	3.01	3.07	2.74
Indoor noise level (Hi/Mi/Lo)or (Hi/Lo)		dB(A)	42.5/37/34.5	46/44/40.5	47/46/41
Indoor unit	Dimension(W*D*H)	mm	965x215x319	1080x226x335	1259x282x362
	Packing (W*D*H)	mm	1045X305X405	1155x415x315	1340x450x380
	Net/Gross weight	Kg	11.5/14.7	14.2/17.7	20.5/26.0
Outdoor noise level		dB(A)	55.5	59.5	62
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	946x410x810	946x410x810
	Packing (W*D*H)	mm	965x395x755	1090x475x855	1090x475x855
	Net/Gross weight	Kg	54.1/57.3	69.3/74.9	70/75
Refrigerant type		g	R22/1200g	R22/1500g	R22/2000g
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ 6.35/Φ 12.7 (1/4"/1/2")	Φ 9.52/Φ 15.9 (3/8"/5/8")	Φ 9.52/Φ 15.9 (3/8"/5/8")
	Max. refrigerant pipe length	m	15	20	20
	Max. difference in level	m	8	10	10
Application area		m <sup>2</sup>	25-36	32-47	39-58
Qty'per 40HQ			150	145	145

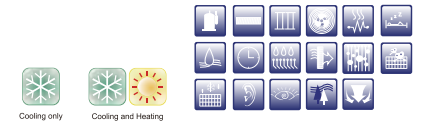
## Window T3 Piston R22



### Cooling Only

Factory model		KT3P-18	KT3P-24
Cooling	Power supply	Ph-V-Hz	1Ph, 220-230V~, 50Hz
	Capacity	Btu/h	18000
	Power consumption	W	2290
	Operating current	A	10.0
	EER	W/W	2.3
Refrigerant type		g	R22/500g
Noise level (High/Mid/Low)		dB(A)	55/52/49
Noise level (High/Mid/Low)		dB(A)	60/57/54
Application area		m²	26-44
Indoor unit	Dimension(W*D*H)	mm	660x687x430
	Packing (W*D*H)	mm	746x815x515
	Net/Gross weight	Kg	61.5/65
	Stuffing quantity (20'/40'/40'HQ)	Set	80/170/210

## Floor Standing T3 Rotary R22



### Cooling Only

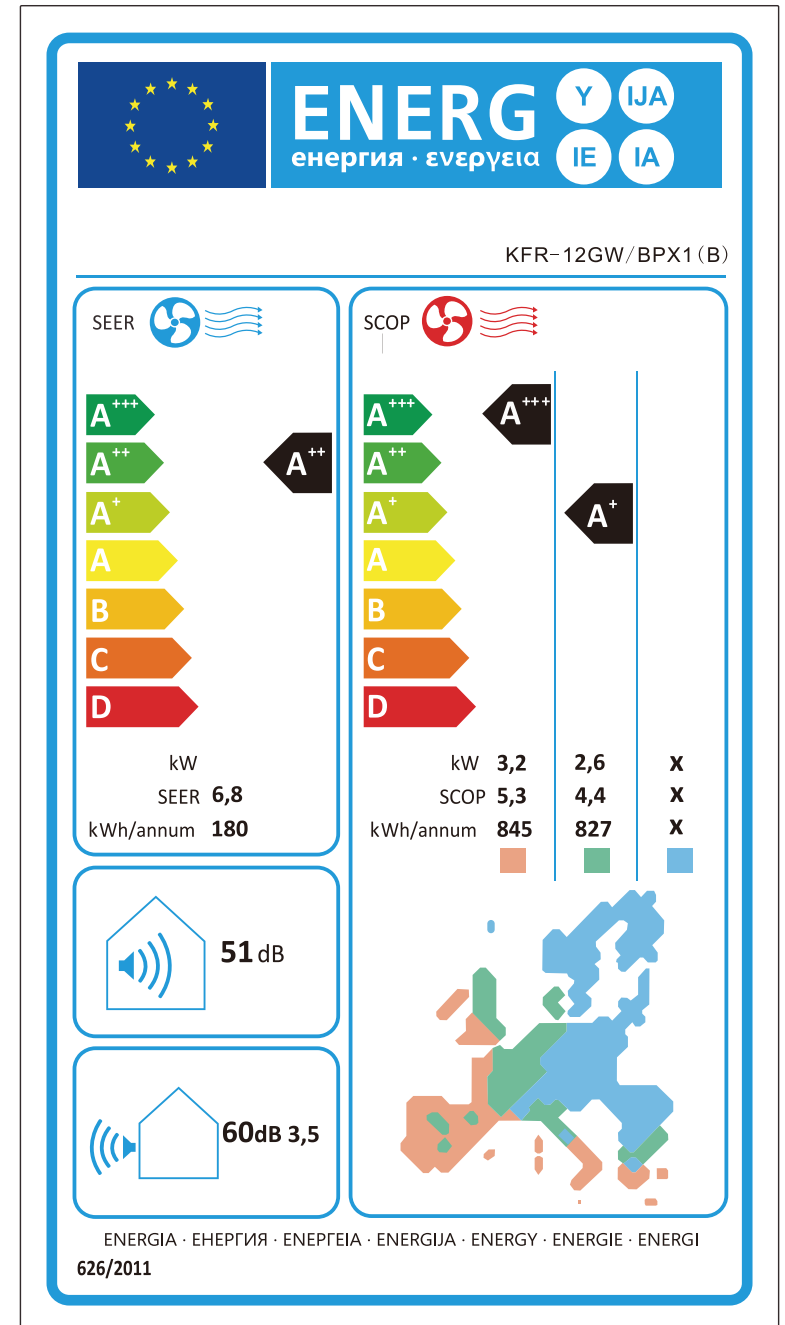
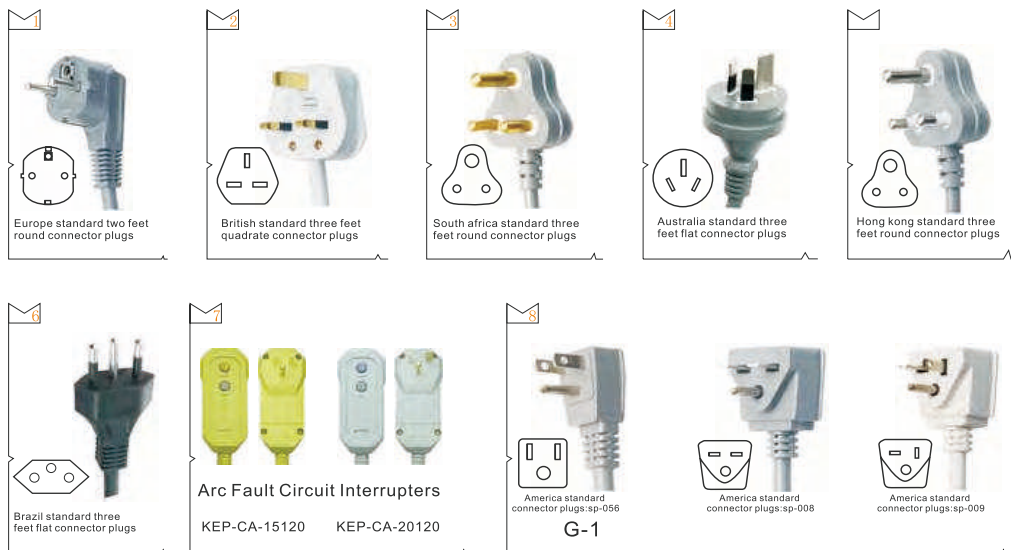
Model		KT3F-24LW	KT3F-36LW	KT3F-48LW	KT3F-60LW
Cooling	Power supply	Ph-V-Hz	220-240-1-50	220-240-1-50	380~415-3-50
	Capacity	Btu/h	24000	36000	45000
	Input	W	2850	4100	5000
	Rated current	A	13.8	20	8.4
	EER	W/W	2.47	2.57	2.64
Indoor noise level (Hi/Mi/Lo) or (Hi/Lo)		dB(A)	52.6/47.7	55.4/50.4	54.8/51.4
Indoor unit	Dimension(W*D*H)	mm	510x240x1695	550x350x1800	550x350x1800
	Packing (W*D*H)	mm	1860x625x375	1910x685x465	1910x685x465
	Net/Gross weight	Kg	32/43	46/62	49.2/64.6
Outdoor noise level		dB(A)	59.9	59.7	63
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	946x410x810	900x350x1170
	Packing (W*D*H)	mm	965x395x755	1090x500x875	1032x443x1307
	Net/Gross weight	Kg	49/52	80.6/86.5	89.5/100.2
Refrigerant type		g	R22/1300	R22/2000	R22/3100
Application area		m²	32-47	48-70	60-88
Qty' per 20' /40' /40'HQ			36/78/91	24/52/60	20/44/52

# Heating & Cooling

Model			KT3FR-24LW	KT3FR-36LW	KT3FR-48LW	KT3FR-60LW
Power supply			Ph-V-Hz	220-240-1-50	220-240-1-50	380~415-3-50
Cooling	Capacity	Btu/h	24000	36000	48000	58000
	Input	W	2800	4100	5000	6000
	Rated current	A	13.8	20	8.4	10.4
	EER	W/W	2.51	2.57	2.81	2.83
Heating	Capacity	Btu/h	26000	41000	52000	68000
	Input	W	2600	3900	4900	5400
	Rated current	A	13	19	8.2	9.6
	COP	W/W	2.93	3.08	3.11	3.69
Indoor noise level (Hi/Mi/Lo)or (Hi/Lo)			dB(A)	52/47.6	55.4/48.2	54.8/51.4
Indoor unit	Dimension(W*D*H)	mm	510x240x1695	550x350x1800	550x350x1800	610x390x1925
	Packing (W*D*H)	mm	1860x625x375	1910x685x465	1910x685x465	2050x745x545
	Net/Gross weight	Kg	32/43	46/62	49.2/64.6	58.5/80
	Outdoor noise level	dB(A)	61.4	64.1	64.5	63.8
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	946x410x810	900x350x1170	952x415x1333
	Packing (W*D*H)	mm	965x395x755	1090x500x875	1032x443x1307	1095x495x1480
	Net/Gross weight	Kg	51.5/54.5	86.9/92.7	94/105	116/128
Refrigerant type			g	R22/1900g	R22/2500g	R22/3450g
Application area			m²	32-47	48-70	63-92
Qty'per 20' /40' /40'HQ				36/78/91	24/52/60	20/44/52
						16/32/38



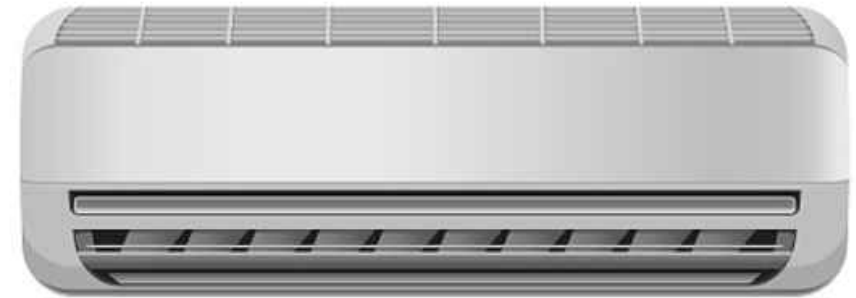




## Europe ERP4.0 DC Omverter Split Type



## Europe ERP4.0 DC Inverter Split Type



### Heating & Cooling

Model			KFR-09GW/BPX1(B)	KFR-12GW/BPX1(B)	KFR-18GW/BPX1(B)	KFR-24GW/BPX1(B)
Power supply		Ph-V-Hz	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph
Rated Cooling	Capacity	Btu/h	9000(4200~11300)	12000(4400~15200)	18000(6200~20900)	24000(9100~26900)
Cooling Power input		W	100~1270	100~1710	140~2360	240~3030
Cooling Current		A	0.4~5.5	0.4~7.4	0.6~10.3	1.0~13.2
Rated Heating	Capacity	Btu/h	10000(2900~12700)	13000(4100~16600)	19000(4700~23000)	25000(5500~30000)
Heating Power input		W	130~1330	180~1740	200~2410	260~3140
Heating Current		A	0.6~5.8	0.8~7.6	0.9~10.5	1.1~13.7
Seasonal Cooling	Pdesignc	kW	2.6	3.5	5.3	7.0
	SEER	W/W	6.9	6.8	6.5	6.3
	Energy Efficiency Class		A++	A++	A++	A++
Heating(Average)	Pdesignh	kW	2.5	2.6	4.3	5.5
	SCOP	W/W	4.0	4.4	4.2	4.0
	Energy Efficiency Class		A+	A+	A+	A+
Heating(Warmer)	Tbiv	℃	-7	-10	-7	-10
	Pdesignh	kW	2.8	3.2	4.6	6.7
	SCOP	W/W	5.1	5.3	5.1	5.1
Heating(Warmer)	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	℃	2	2	2	2
Indoor sound power level (Hi)		dB(A)	52	51	55	61
Indoor unit	Dimension(W*D*H)	mm	715x188x250	800x188x275	940x205x275	1045x235x315
	Packing (W*D*H)	mm	775x260x324	865x265x350	1015x265x350	1135x395x315
	Net/Gross weight	Kg	6.5 / 8.2	7.4 / 9.5	9 / 12.2	12 / 15.2
Outdoor sound power level		dB(A)	58	60	63	68
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	800x333x554	800x333x554	845x363x702
	Packing (W*D*H)	mm	900x345x585	920x390x615	920x390x615	965x395x755
	Qty' per 20' /40' /40'HQ	Kg	26.6/29	29.1/31.9	37.8/40.5	48.4/51.6
Application area	minimum	m²	12	16	24	32
	maximum	m²	18	23	35	47
Qty' per 20' /40' /40'HQ			120/250/280	92/192/220	90/186/208	66/140/156

### Heating & Cooling

Model			KFR-09GW/BPX1	KFR-12GW/BPX1	KFR-18GW/BPX1	KFR-24GW/BPX1
Power supply		Ph-V-Hz	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph
Rated Cooling	Capacity	Btu/h	9000(3500-11000)	12000(3700-14000)	18000(6200-20900)	24000(9100-26900)
Cooling Power input		W	100-1240	100-1580	140~2360	240-3030
Cooling Current		A	0.4-5.4	0.4-6.9	0.6-10.3	1.0-13.2
Rated Heating	Capacity	Btu/h	10000(2800-11500)	13000(3000-14400)	19000(4700~23000)	25000(5500~30000)
Heating Power input		W	120-1200	130-1510	200~2410	260-3140
Heating Current		A	0.5-5.2	0.6-6.6	0.9-10.5	1.1-13.7
Seasonal Cooling	Pdesignc	kW	2.6	3.5	5.3	7.0
	SEER	W/W	6.2	6.1	6.4	6.1
	Energy Efficiency Class		A++	A++	A++	A++
Heating(Average)	Pdesignh	kW	2.2	2.3	4.2	5.4
	SCOP	W/W	4.0	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+	A+
Heating(Warmer)	Tbiv	℃	-7	-7	-7	-10
	Pdesignh	kW	2.8	2.9	4.4	6.3
	SCOP	W/W	5.1	5.1	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	℃	2	2	2	2
Indoor sound power level (Hi)		dB(A)	52	53	56	59
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x360	870x270x360	1035x295x380	1120x405x310
	Net/Gross weight	Kg	6.8/8.9	7.2/9.6	9.5/12.5	11.9/15.2
Outdoor sound power level		dB(A)	60	59	63	65
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	800x333x554	845x363x702
	Packing (W*D*H)	mm	900x345x585	900x345x585	920x390x615	965x395x755
	Qty'per 20' /40' /40'HQ	Kg	25.2/27.4	25.5/27.7	37.8/40.5	48.4/51.6
Application area	minimum	m <sup>2</sup>	12	16	24	32
	maximum	m <sup>2</sup>	18	23	35	47
Qty'per 20' /40' /40'HQ			120/250/280	110/230/260	90/186/208	66/140/156



## Europe ERP Inverter Muti Split Type



## Heating & Cooling Indoor

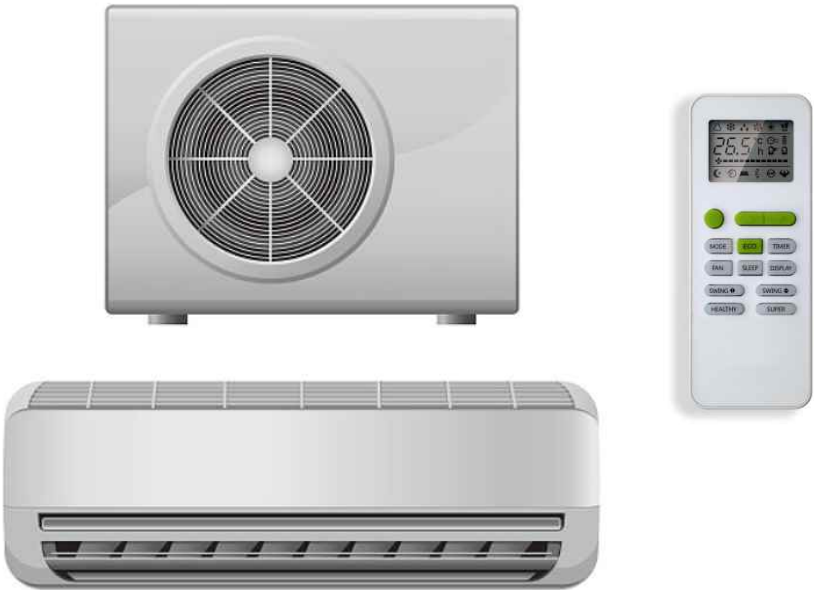
Model		KFR-09G		KFR-12G		KFR-18G		KFR-24G	
Power supply		Ph-V-Hz	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	24000			
	Input	W	24	48	34	62			
	Rated current	A	0.11	0.21	0.15	0.28			
Heating	Capacity	Btu/h	10000	13000	19000	25000			
	Input	W	24	48	34	62			
	Rated current	A	0.11	0.21	0.15	0.28			
Indoor sound power level		dB(A)	52	53	55	61			
Indoor unit	Dimension(W*D*H)	mm	715x188x250	800x188x275	940x205x275	1045x235x315			
	Packing (W*D*H)	mm	775x260x324	865x265x350	1015x265x350	1135x395x315			
	Net/Gross weight	Kg	6.5 / 8.2	7.2/9.5	9/12.2	12/15.2			
	Liquid side/ Gas side	mm(inch)	Φ 6.35/Φ9.52(1/4"/3/8")	Φ 6.35/Φ9.52(1/4"/3/8")	Φ 6.35/Φ12.7(1/4"/1/2")	Φ 9.52/Φ15.9(3/8"/5/8")			

## Heating & Cooling Outdoor

Outdoor Model			DO-14HFN1		DO-18HFN1		DO-21HFN1		DO-27HFN1		
Indoor unit combination			Range	7000Btu	Range	9000Btu	Range	7000Btu	Range	9000Btu	
Power supply			V-Hz-Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	
Cooling	Capacity	Btu/h		7000-14000	14000	7000-18000	18000	7000-12000	14000-18000	21000	7000-18000
	Input	W		660-1250	1250	650-1600	1650	1000-1300	1500-1780	1917	750-1700
	Rated current	A		2.9-5.4	5.4	2.8-7.0	7.2	4.4-5.7	6.5-7.7	8.3	3.3-7.4
	EER	W/W		/	3.28	/	3.20	/	/	3.21	/
Heating	Capacity	Btu/h		8000-15000	15000	8000-19000	19000	8000-14000	17000-20000	22500	8000-18000
	Input	W		620-1280	1150	542-1596	1450	800-1200	1400-1630	1782	720-1750
	Rated current	A		2.7-5.6	5	2.3-6.9	6.3	3.5-5.3	6.1-7.1	7.8	3.2-7.7
	EER	W/W		/	3.80	/	3.84	/	/	3.70	/
Pdesignc			kW	4.1		5.2		6.1		7.9	
SEER			W/W	5.9		6.1		6.1		6.6	
Energy Efficiency Class				A+		A++		A++		A++	
Pdesignh			kW	3.7		4.8		5.6		5.9	
SCOP			W/W	3.8		3.8		3.8		4	
Energy Efficiency Class				A		A		A		A+	
Outdoor sound power level			dB(A)	60		65		65		68	
Outdoor unit	Dimension(W*D*H)	mm		800x333x554		800x333x554		845x363x702		845x363x702	
	Packing (W*D*H)	mm		920x390x615		920x390x615		965x395x755		965x395x755	
	Net/Gross weight	Kg		30.5/33.5		36/39		47/50.2		52.7/56.1	

Outdoor Model			DO-36HFN1				DO-42HFN1				
Indoor unit combination			Single	Double	Three	9000Btu	Single	Double	Three	FOUR	9000Btu
Power supply		V-Hz-Ph	220-240V- 50Hz, 1Ph				220-240V- 50Hz, 1Ph				
Cooling	Capacity	Btu/h	7000-18000	14000-26000	21000-36000	36000	7000-18000	14000-28000	21000-36000	28000-40000	42000
	Input	W	1250-1700	1650-2320	2150-3520	4050	680-1800	1400-2780	2100-3450	2700-3700	3822
	Rated current	A	5.4-7.4	7.2-10.1	9.3-15.3	17.6	3.0-8.0	6.2-11.8	9.0-15.0	11.6-16.0	16.6
	EER	W/W	/	/	/	2.61	/	/	/	/	3.22
Heating	Capacity	Btu/h	8000-20000	16000-29000	24000-38000	38000	8000-20000	14000-28000	21000-36000	28000-40000	42000
	Input	W	1375-2440	2050-3340	2880-3360	3266	680-1800	1400-2680	1995-3330	2580-3570	3372
	Rated current	A	5.9-10.6	8.9-14.5	12.5-14.6	13.9	3.0-8.0	6.2-11.3	8.5-14.5	11.1-15.8	14.7
	EER	W/W	/	/	/	3.41	/	/	/	/	3.65
Pdesignc		kW	10.6				12.3				
SEER		W/W	5.9				7.7				
Energy Efficiency Class			A+				A++				
Pdesignh		kW	9.3				9.6				
SCOP		W/W	3.8				3.8				
Energy Efficiency Class			A				A				
Outdoor sound power level		dB(A)	68				68				
Outdoor unit	Dimension(W*D*H)	mm	946x410x810				946x410x810				
	Packing (W*D*H)	mm	1090x500x875				1090x500x875				
	Net/Gross weight	Kg	70/75				76/81				

# Australia EER Inverter Split Type



# Dehumidifier



## Heating & Cooling

Model		KFR-09HRDN1-QD0G	KFR-12HRDN1-QD0G	KFR-18HRDN1-QD0G	KFR-24HRDN1-QD0G
Power supply		Ph-V-Hz 220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Cooling	Capacity	Btu/h 2450(1350-2700)	3500(1700-3700)	5000(2750-5200)	6700(3700-7000)
	Input	W 670(340-820)	960(410-1120)	1580(790-1790)	2120(1060-2460)
	Rated current	A 3.4(1.7-4.2)	4.7(2.0-5.5)	7.2(3.6-8.2)	9.6(4.8-11.1)
	EER	W/W 3.65	3.65	3.16	3.16
Heating	Capacity	Btu/h 2600(1430-2900)	3700(1900-4000)	5300(2900-5800)	6700(3700-7000)
	Input	W 680(340-850)	970(450-1180)	1490(750-1720)	2090(1050-2410)
	Rated current	A 3.5(1.7-4.3)	4.7(2.2-5.8)	7.0(3.4-7.9)	9.5(4.8-11.0)
	COP	W/W 3.82	3.81	3.56	3.21
Indoor noise level (Hi/Mi/Lo)		dB(A) 38/34/29	41/32/27	48/45/37	46/43/37
Indoor unit	Dimension (W*D*H)	mm 800x188x275	940x205x275	1045x235x315	1045x235x315
	Packing (W*D*H)	mm 865x265x350	1015x265x350	1135x395x315	1135x395x315
	Net/Gross weight	Kg 7.5 / 9.5	10 / 13	12.5/16	12.5 / 15.5
Outdoor noise level (sound power)		dB(A) 62	62	65	70
Outdoor unit	Dimension (W*D*H)	mm 760x285x590	760x285x590	845x320x700	900x315x860
	Packing (W*D*H)	mm 887x355x645	887x355x645	965x395x755	1043x395x915
	Net/Gross weight	Kg 34 / 37	34 / 37	39.2/42.6	59 / 63
	Application area	m <sup>2</sup> 12-19	18-29	25-42	34-56
Qty'per 20' /40' /40'HQ		98/206/242	98/200/225	69/140/160	48/103/118

## 220V/50Hz

Sale model		DDG-10DEN3	DDG-16DEN3	DDG-20DEN3
Performance	Power supply	V-Hz-Ph 220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
	Moisture removal	L/day 10L	16L	20L
	Rated input consumption	W 285	375	400
	Rated current	A 1.57	1.75	1.85
	Energy factor(EER)	L/kWh 1.3	1.3	1.3
Applicable Ambient	RH Range Manual	35~85%	35~85%	35~85%
	Ambient temp	℃ 5~35	5~35	5~35
	Application area	m <sup>2</sup> 16-31	29-44	37-52
Dimension (W*D*H)		mm 350x210x510	350x210x510	350x210x510
Packing (W*D*H)		mm 390x280x530	390x280x530	390x280x530
Net/Gross weight		Kg 10.5/11.5	12/13	12/13
Stuffing quantity (20'/40'/40'HQ)		Set 504/1008/1260	504/1008/1260	504/1008/1260

## Wall Split Type 50Hz R22



Model			KFR-09GW	KFR-12GW	KFR-18GW	KFR-24GW
Power supply		Ph-V-Hz	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	17500	24000
	Input	W	1010	1347	2020	2820
	Rated current	A	4.4	5.8	8.8	11.7
	EER	W/W	2.61	2.61	2.54	2.49
Heating	Capacity	Btu/h	9500	13000	19000	25000
	Input	W	990	1168	1752	2680
	Rated current	A	4.3	5.1	7.6	10.1
	COP	W/W	2.81	3.26	3.18	2.73
Indoor noise level (Hi/Mi/Lo)		dB(A)	39.6/35.7/30.6	42.9/37.8/32.2	44.1/39.3/34.9	47.1/41.6/38.3
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x360	780x270x360	1035x295x380	1120x405x310
	Net/Gross weight	Kg	7.6/9.7	8.5/10.3	10.6/13.5	13.3/16.5
	Outdoor noise level	dB(A)	54.9	55.1	59.4	59.8
Outdoor unit	Dimension(W*D*H)	mm	681x285x434	770x300x555	770x300x555	845x363x702
	Packing (W*D*H)	mm	795x345x495	900x345x585	900x345x585	965x395x755
	Net/Gross weight	Kg	23.5/25.5	28.9/31.4	36.8/39	52.2/55.6
	Refrigerant type	g	R22/550	R22/880	R22/1350	R22/1800
Application area (Cooling Standard)		m <sup>2</sup>	12-18	16-23	23-34	32-47
Qty'per 20' /40' /40'HQ			140/285/320	110/224/254	90/185/208	66/140/154



## Wall Split Type 50Hz R410a



## Iran B Class EER



## Cool Only

Model			KF-09GW/X1	KF-12GW/X1	KF-18GW/X1	KF-24GW/X1
Power supply		Ph-V-Hz	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	941	1256	2029	2705
	Rated current	A	4.2	5.6	8.8	11.7
	EER	W/W	2.80	2.80	2.60	2.60
Indoor noise level (Hi/Mi/Lo)		dB(A)	36.5/-/28.5	40.0/-/27.8	43.8/37/32.9	47.9/-/39.8
Dimension(W*D*H)		mm	715x194x285	805x194x285	957x213x302	1040x220x327
Indoor unit	Packing (W*D*H)	mm	780x270x360	870x270x360	1035x295x380	1120x405x310
	Net/Gross weight	Kg	7.4/9.5	8/10.3	10.4/13.9	13.8/17.8
	Outdoor noise level	dB(A)	52	54.9	57.4	60.4
Outdoor unit	Dimension(W*D*H)	mm	700x275x550	770x300x555	770x300x555	845x363x702
	Packing (W*D*H)	mm	815x325x615	900x345x585	900x345x585	965x395x755
	Net/Gross weight	Kg	25.3/27.6	29.1/31.4	34/36.9	46.8/50.1
	Refrigerant type	g	R410A/550g	R410A/800g	R410A/880g	R410A/1250g
Application area (Cooling Standard)		m <sup>2</sup>	12-18	16-23	24-35	32-47
Qty' per 20' /40' /40'HQ			118/250/285	110/224/254	92/200/224	66/140/154





## Heating & Cooling

Model			KFR-09GW/X1	KFR-12GW/X1	KFR-18GW/X1	KFR-24GW/X1
Power supply			Ph-V-Hz	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	821	1095	1643	2503
	Rated current	A	3.6	4.8	7.1	10.9
	EER	W/W	3.21	3.21	3.21	2.81
Heating	Capacity	Btu/h	9500	13000	19000	25000
	Input	W	771	1055	1542	2280
	Rated current	A	3.4	4.6	4.2	9.9
	COP	W/W	3.61	3.61	3.61	3.21
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x360	870x270x360	1035x295x380	1120x310x405
	Net/Gross weight	Kg	7.2/9.4	7.7/10.0	10.2/13.3	12.7/16.4
Outdoor noise level			dB(A)	55.5	56	60
Outdoor unit	Dimension(W*D*H)	mm	700x270x550	770x300x555	770x300x555	845x363x702
	Packing (W*D*H)	mm	815x325x615	900x345x585	900x345x585	965x395x755
	Net/Gross weight	Kg	26.4/28.6	30/32.3	35.8/38.2	48.8/52
Refrigerant type			g	R410A/730g	R410A/740g	R410A/1750g
Application area (Cooling Standard)			m <sup>2</sup>	12-18	16-22	24-35
Qty/per 20' /40' /40'HQ				120/250/280	102/224/255	96/200/220

## DC Inverter Wall Split Type 50Hz



## Heating & Cooling R410a

Model			KFR-09GW/VX1	KFR-12GW/VX1	KFR-18GW/VX1
Power supply		V-Hz-Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000
	Input	W	821	1400	2100
	Rated current	A	3.60	6.10	9.10
	EER	W/W	3.21	2.51	2.51
Heating	Capacity	Btu/h	9000	12000	18000
	Input	W	795	1130	1750
	Rated current	A	3.50	5.0	7.6
	COP	W/W	3.32	3.11	3.01
Indoor noise level (Hi/Mi/Lo)		dB(A)	42.3/37.0/33.2	41.5/37.1/32.7	45.7/41.3/37.1
Outdoor noise level		dB(A)	55.8	58.3	57.3
Outdoor unit	Dimension(W*D*H)	mm	700x275x550	700x275x550	770x300x555
	Packing (W*D*H)	mm	815x325x615	815x325x615	900x345x585
	Net/Gross weight	Kg	23.1/25.4	24.1/26.3	33.3/35.7
Refrigerant type		g	R410A/620g	R410A/700g	R410A/1250g
Application area (Cooling Standard)		m <sup>2</sup>	12-18	16-23	24-35
Qty'per 20' /40' /40'HQ			118/250/285	115/240/270	92/200/224



## Window Type 50Hz R22



## Heating & Cooling

Model		KC-09	KC-12	KC-18	KC-24
Cooling	Power supply	Ph-V-Hz 1Ph ,220-240V~,50Hz	220-240V~ 50Hz, 1Ph	1Ph ,220-240V~,50Hz	1Ph ,220-240V~, 50Hz
	Capacity	Btu/h 9000	12000	18000	24000
	Input	W 1030	1500	2100	2790
	Rated current	A 4.5	6.8	9.7	12.2
	EER	W/W 2.41	2.34	2.41	2.21
Indoor noise level (Hi/Mi/Lo)		dB(A) 50/48/45	54/51/47	57/54/51	55/52/49
Outdoor noise level		dB(A) 57/55/52	62/58/55	62/59/56	62/59/56
Refrigerant type		g R22/280g	R22/400g	R22/500g	R22/750g
Application area		m <sup>2</sup> 12-21	18-29	23-39	31-51
Dimension(W*D*H)		mm 450x535x346	600x560x380	660x680x428	660x680x428
Packing(W*D*H)		mm 495x580x435	685x620x430	725x795x475	725x795x475
Net/Gross weight		Kg 26/27.5	43/47	48/50	58/62
Qty per 20' /40' /40'HQ		220/480/576	135/285/342	84/176/220	84/176/220



## Window Type 50Hz R4410a



## Heating & Cooling

Model			KC-09HRN1	KC-12HRN1	KC-18HRN1	KC-24HRN1
Power supply		Ph-V-Hz	1Ph, 220-240V~, 50Hz	220-240V~ 50Hz, 1Ph	220-240V~50Hz 1Ph	220-240V~50Hz 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	22000
	Input	W	1100	1450	1950	2330
	Rated current	A	4.8	6.5	9	11
	EER	W/W	2.41	2.41	2.41	2.8
Heating	Capacity	Btu/h	9000	12000	18000	22000
	Input	W	1000	1350	1800	2100
	Rated current	A	4.4	5.8	8	10
	COP	W/W	2.63	2.6	2.61	2.8
Refrigerant type		g	R410A / 0.72kg	R410A / 0.85kg	R410A / 0.85kg	R410A / 1.4kg
Application area		m <sup>2</sup>	13-22	18-29	23-39	29-43
Dimension(W*D*H)		mm	450x550x346	600x560x380	660x687x430	660x780x428
Packing(W*D*H)		mm	495x580x435	685x620x430	746x815x515	770x915x510
Net/Gross weight		Kg	33/36	43.5/48.5	54/59.5	62/66
Qty'per 20' /40' /40'HQ			220/480/576	135/285/342	84/176/220	72/156/195

## Floor Standing Type 50Hz R22



Model			KF-24LW/S	KF-36LW/S	KF-48LW/S	KFR-24LW/S	KFR-36LW/S	KFR-48LW/S
Power supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph	380-415V 3N~50Hz	3Ph, 380-420V~, 50Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	3Ph, 380-420V~, 50Hz
Cooling	Capacity	Btu/h	24000	36000	48000	24000	36000	42000
	Input	W	2700	4390	5000	2700	3700	4800
	Rated current	A	12.0	8.2	9.0	12.0	16.8	8.3
	EER	W/W	2.61	2.40	2.41	2.61	2.40	2.31
Heating	Capacity	Btu/h	----	----	----	26000+7200	36000	48000+12000
	Input	W	----	----	----	2540+2100	2900	4400+3500
	Rated current	A	----	----	----	11.5+10.0	15	7.8+5.0
	COP	W/W	----	----	----	3.01	3.64	2.8
Indoor noise level (Hi/Mi/Lo)		dB(A)	52/48(实测53.3/48.0)	56/51	54/51	53/48	58/53	54/50(实测55.7/50.0)
Indoor unit	Dimension(W*D*H)	mm	500x230x1680	540x379x1775	540x379x1775	500x230x1680	540x379x1775	540x379x1775
	Packing(W*D*H)	mm	1820x355x630	1915x475x660	1915x475x660	1820x355x630	1915x475x660	1915x475x660
	Net/Gross weight	Kg	33 / 40.5	49 / 59	49 / 59	36.5 / 44	50/60	52 / 63
Outdoor noise level		dB(A)	57(实测58.5)	60	63	56	62	63(实测63.9)
Outdoor unit	Dimension(W*D*H)	mm	845x320x700	900x315x860	990x345x965	845x320x700	900x315x860	990x345x965
	Packing(W*D*H)	mm	965x395x755	1043x395x915	1120x435x1100	965x395x755	1043x395x915	1120x435x1100
	Net/Gross weight	Kg	48 / 51	62 / 66	78/90	52 / 55.5	70/73	91 / 96
Refrigerant type		g	R22/1300g	R22/1900g	R22/1650g	R22/1700g	R22/2600g	R22/2600g
Application area		m <sup>2</sup>	35-58	53-88	60-100	35-58	51-85	61-102
Qty'per 20' /40' /40'HQ			38/82/93	27/57/61	23/48/59	36/78/91	27/57/61	23/48/59

## Floor Standing Type 50Hz R410a



Model			KFR-24LW/VX1	KFR-36LW/VX1	KFR-48LW/VX1	KFR-60LW/VX1
Power supply		Ph-V-Hz	220-240V~50Hz 1Ph	380-420V~50Hz 3Ph	380-415V~50Hz 3Ph	380-420V~50Hz, 3Ph
Cooling	Capacity	Btu/h	24000	36000	48000	60000
	Input	W	2200	2920	4350	4741
	Rated current	A	10.6	5.03	7.5	8.18
	EER	W/W	3.20(2.82)	3.21(2.84)	3.20(2.9)	3.21(2.89)
Heating	Capacity	Btu/h	26000+7000	38000+12000	52000+12000	58000+12000
	Input	W	2100	3080	4200	4722
	Rated current	A	10.1	5.30	7.24	8.14
	COP	W/W	3.6	3.61	3.6	3.61
Indoor noise level (Hi/Mi/Lo)		dB(A)	51/47(51.8/47.0;51.3/46.0)	56/52(57.9/53.0;57.5/52.4)	59/55(60.0/55.4;60.7/56.1)	59/56(60.0/55.6;60.3/55.5)
Indoor unit	Dimension(W*D*H)	mm	510x240x1695	550x350x1800	610x390x1925	610x390x1925
	Packing (W*D*H)	mm	1860x625x375	1910x685x540	2040x745x545	2040x745x545
	Net/Gross weight	Kg	35 / 48	53 / 70	62 / 81	63 / 83
Outdoor noise level		dB(A)	56(56.0)	62(62.9)	62(62.6)	63(63.6)
Outdoor unit	Dimension(W*D*H)	mm	845x320x700	990x345x965	940x360x1245	940x360x1245
	Packing (W*D*H)	mm	965x395x755	1120x435x1100	1058x438x1380	1058x438x1380
	Net/Gross weight	Kg	53/56	79 / 91	99 / 110	104 / 115
Refrigerant type		g	R410A/2100g	R410A/2600g	R410A/4000g	R410A/4200g
Application area		m²	35-58	55-88	70-117	80-134
Qty'per 20' /40' /40'HQ			36/78/91	19/43/50	17/34/39	17/34/39



## Wall Split Type 60Hz R410a



## Wall Split Type Mexico high EER



## Cooling Only

Model		YSA-09CRN1	YSA-12CRN1	YSA-18CRN1	YSA-24CRN1
Power supply		Ph-V-Hz 220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000
	Input	W	1010	1250	2510
	Rated current	A	4.5	5.7	11.4
	EER	W/W	2.6	2.8	2.8
Starting current		A	20	28.5	43.3
Compressor		Input	GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	957x213x302
	Packing (W*D*H)	mm	780x270x360	870x270x360	1035x295x380
	Net/Gross weight	Kg	6.8/8.7	7.8/9.5	10/12.9
Outdoor unit	Dimension(W*D*H)	mm	681x285x434	700x275x550	770x300x555
	Packing (W*D*H)	mm	795x345x495	815x325x615	900x348x615
	Net/Gross weight	Kg	20.1/ 22.1	25.8/ 28.1	31.9/34.3
Application area (Cooling Standard)		m <sup>2</sup>	12-18	16-23	24-35
Qty/per 20' /40' /40'HQ			140/285/320	115/240/270	90/185/208

## Cooling Only 60Hz R22

Model		YSF-09CR	YSF-11CR	YSF-18CR	YSF-24CR W
Power supply		Ph-V-Hz 220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	11000	16500
	Input	W	820	1070	1580
	Rated current	A	3.7	4.5	7.2
	EER	W/W	3.22	3.01	3.06
Max. input consumption		W	1100	1600	2500
Max. current		A	5.5	7	12
Compressor		Input	GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	715x188x250	800x188x275	930x198x275
	Packing (W*D*H)	mm	775x260x324	865x265x350	1015x265x350
	Net/Gross weight	Kg	7/9	8/10	10 / 12.5
Outdoor unit	Dimension(W*D*H)	mm	780x250x540	780x250x540	845x320x700
	Packing (W*D*H)	mm	910x335x585	910x335x585	965x395x755
	Net/Gross weight	Kg	27 / 29	27 / 29	39.5 / 43
Application area (Cooling Standard)		m <sup>2</sup>	12-18	15-21	22-32
Qty/per 20' /40' /40'HQ			123/250/280	112/235/265	76/150/179

## Cooling Only 60Hz R410a

Model			YSF-09CR-B	YSF-11CR-B	YSF-09CRN1	YSF-12CRN1	YSF-18CRN1	YSF-24CRN1
Power supply		Ph-V-Hz	115V- 60Hz, 1Ph	115V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	11000	9000	12000	18000	24000
	Input	W	840	980	820	1095	1650	2200
	Rated current	A	7.3	8.52	3.7	5	8	10
	EER	W/W	3.13	3.28	3.22	3.22	3.2	3.2
Max. input consumption		W	10.7	13.5	1100	1700	2300	3080
Max. current		A	15	20	5.5	8	13	15
Compressor	Brand		GMCC	LG	LG	GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	715x188x250	800x188x275	715x188x250	800x188x275	940x205x275	1045x235x315
	Packing(W*D*H)	mm	775x260x324	865x265x350	775x260x324	865x265x350	1015x265x350	1135x395x315
	Net/Gross weight	Kg	7/9	8/10	6.8/8.5	7.7/9.6	9.8/13	13.5/16.5
Outdoor unit	Dimension(W*D*H)	mm	780x250x540	780x250x540	780x250x540	780x250x540	845x320x700	845x320x700
	Packing(W*D*H)	mm	910x335x585	910x335x585	910x335x585	910x335x585	965x395x755	965x395x755
	Net/Gross weight	Kg	26.5 / 28.5	27 / 29	23/25	26.7/29	41/44.2	47/50
Refrigerant type		g	R22/190zs	R22/22.7ozs	R410A/510g	R410A/510g	R410A/1100g	R410A/1400g
Application area (Cooling Standard)		m <sup>2</sup>	12-18	15-21	12-18	16-23	24-35	32-47
Qty' per 20' /40' /40'HQ			123/250/280	112/235/265	123/250/284	112/235/265	76/150/179	69/140/160



## Wall Split Type DC Inverter



## 16 SEER 60Hz R410a Cooling Only

Model			YSA-09CRDN1-B	YSA-12CRDN1-B	YSA-09CRDN1	YSA-12CRDN1	YSA-18CRDN1	YSA-24CRDN1
Power supply		Ph-V-Hz	115V- 60Hz, 1Ph	115V- 60Hz, 1Ph	208-230V-60Hz, 1Ph	208-230V-60Hz, 1Ph	208-230V-60Hz, 1Ph	208-230V-60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	9000	12000	18000	23000
	Input	W	770	1080	750	1000	1500	2370
	Rated current	A	6	6	6	6	11	12
	EER	W/W	3.24	3.26	3.22	3.24	2.96	2.97
	SEER	W/W	16	16	16	16	16	16
Compressor	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	715x194x285	715x194x285	715x194x285	715x194x285	957x213x302	1040x220x327
	Packing(W*D*H)	mm	780x270x360	780x270x360	780x270x360	780x270x360	1035x295x380	1120x405x310
	Net/Gross weight	Kg	7.4/9.6	8.2/10.6	7.3/9.5	8.1/10.3	10.6/14.2	13.7/17
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	770x300x555	770x300x555	770x300x555	845x363x702
	Packing(W*D*H)	mm	900x345x585	900x345x585	900x345x585	900x345x585	900x345x585	965x395x755
	Net/Gross weight	Kg	28.9/31.3	26.5/28.9	27.5/30	31.7/34.1	47.5/50.7	
Application area (Cooling Standard)		m <sup>2</sup>	12-18	16-23	12-18	16-23	24-35	31-45
Qty' per 20' /40' /40'HQ		set	108/220/250	110/224/254	108/220/250	110/224/254	92/200/224	66/140/154



## Wall Split Type DC Inverter



### 18 SEER 60Hz R410a Cooling Only

Model		YS18A-09CRDN1	YS18A-12CRDN1	YS18A-18CRDN1	YS18A-24CRDN1
Power supply		Ph-V-Hz	115V~ 60Hz, 1Ph	115V~ 60Hz, 1Ph	230V~ 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000
	Input	W	824	1200	1725
	Rated current	A	8.28	11.9	7.5
	EER	Btu/w	3.20	2.93	3.06
	SEER	Btu/w	18	18	18
MINIMUM CIRCUIT AMPACITY		A	15	15	16
MAX.FUSE		A	20	20	11.5
Compressor		Brand	GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	722x187x290	802x189x297	965x215x319
	Packing (W*D*H)	mm	790x270x370	875x285x375	1045x305x405
	Net/Gross weight	Kg	7.7/10	8.5/11	11.2/12.7
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	800x333x554
	Packing (W*D*H)	mm	900x345x585	900x345x585	920x390x615
	Net/Gross weight	Kg	26/28.4	26/28.4	31/33
Application area (cooling standard)		m <sup>2</sup>	12-18	16-23	23-33
Qty'per 20' /40' /40'HQ		set	115/235/260	105/220/242	78/165/190



## Wall Split Type DC Inverter



## Heating & Cooling

Model		YS15A-09HRDN1-B	YS15A-12HRDN1-B	YS15A-09HRDN1	YS15A-12HRDN1	YS15A-18HRDN1	YS15A-24HRDN1
Power supply		Ph-V-Hz	115V- 60Hz, 1Ph	115V- 60Hz, 1Ph	208-230V-60Hz, 1Ph	208-230V-60Hz, 1Ph	208-230V-60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	9000	12000	18000
	Input	W	900	1200	855	1175	1635
	Rated current	A	8.0	5.4	4.0	5.3	7.31
	EER	W/W	2.93	2.93	2.93	2.99	3.22
	SEER	W/W	15	16	15	15.5	15
Heating	Capacity	Btu/h	9800	12000	9800	12000	18000
	Input	W	965	1260	990	1200	1700
	Rated current	A	8.6	5.7	4.5	5.4	7.6
	COP	W/W	2.97	2.97	2.90	2.93	3.10
	HSPF4	W/W	9.0	9.0	8.8	9.3	9.8
	HSPF5	W/W	7.4	7.8	7.2	7.8	8.2
Compressor	Brand		GMCC	GMCC	GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	715x194x285	805x194x285	957x213x302
	Packing(W*D*H)	mm	780x270x360	780x270x360	780x270x360	780x270x360	1035x295x380
	Net/Gross weight	Kg	7.2/9.3	7.8/10.0	7.2/9.3	7.8/10.0	10.4/13.4
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	770x300x555	770x300x555	800x333x554
	Packing(W*D*H)	mm	900x345x585	900x345x585	900x345x585	900x345x585	920x390x615
	Net/Gross weight	Kg	27.9/30.2	31.5/33.8	25.9/28.3	27.5/30.1	36.5/39.5
Application area (cooling standard)		m <sup>2</sup>	12-18	16-23	12-18	16-23	24-35
Qty/per 20' /40' /40'HQ			108/220/250	110/224/254	108/220/250	110/224/254	78/178/200

## Wall Split Type DC Inverter



## Heating & Cooling

Model		YS17A-09HRFN1-B	YS17A-12HRFN1-B	YS17A-09HRFN1	YS17A-12HRFN1
Power supply		Ph-V-Hz	115V- 60Hz, 1Ph	115V- 60Hz, 1Ph	208-230V-60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	9000
	Input	W	782	1200	900
	Rated current	A	7.0	10.4	4.0
	EER	Btu/w	11.5	10.5	11.5
	SEER	Btu/w	17	17.2	17
Heating	Capacity	Btu/h	9500	12000	9800
	Input	W	925	1135	900
	Rated current	A	8.4	10	4
	COP	W/W	3.01	3.10	3.19
	HSPF4	Btu/w	9	9	9
	HSPF5	Btu/w	7.6	7.5	7.3
MINIMUM CIRCUIT AMPACITY		A	15	15	15
MAX.FUSE		A	20	20	15
Compressor	Brand		GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	722x187x290	802x189x297	722x187x290
	Packing (W*D*H)	mm	790x270x370	875x285x375	790x270x370
	Net/Gross weight	Kg	7.5/9.5	8.5/10.2	7.5/9.5
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	770x300x555
	Packing (W*D*H)	mm	900x345x585	900x345x585	900x345x585
	Net/Gross weight	Kg	29/31.5	29.5/32	29/31.5
Application area (cooling standard)		m <sup>2</sup>	12-17.6	16-23.4	12-17.6
Qty/per 20' /40' /40'HQ			115/235/260	105/220/248	115/235/260

## 17 SEER 60Hz R410a

Model			YS17A-18HRFN1	YS17A-24HRFN1	YS17A-30HRFN1	YS17A-36HRFN1
Power supply			208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph
Cooling	Capacity	Btu/h	18000	24000	30000	36000
	Input	W	1635	2525	2857	4235
	Rated current	A	7.2	11.2	12.5	18.5
	EER	Btu/w	11.5	9.5	10.5	8.5
	SEER	Btu/w	17.7	16	18	16
Heating	Capacity	Btu/h	18000	25000	30000	36000
	Input	W	1935	2425	3110	3835
	Rated current	A	8.5	10.7	13.5	16.7
	COP	W/W	2.73	3.02	2.83	2.75
	HSPF4	Btu/w	9.8	9	9.6	10
	HSPF5	Btu/w	7.5	7.2	8.1	8.4
MINIMUM CIRCUIT AMPACITY			A	15	18	20
MAX.FUSE			A	20	25	30
Compressor			Brand	GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	965x215x319	1080x226x335	1259x282x362	1259x282x362
	Packing (W*D*H)	mm	1045X305X405	1155x415x315	1340x450x380	1340x450x380
	Net/Gross weight	Kg	11.8/15.5	13.2/16.8	19.6/25.2	19.6/25.2
Outdoor unit	Dimension(W*D*H)	mm	800x333x554	845x363x702	946x410x810	946x410x810
	Packing (W*D*H)	mm	920x390x615	965x395x755	1090x500x875	1090x500x875
	Net/Gross weight	Kg	36.5/39.5	47.7/51.0	62.5/67	65/69.5
Application area (cooling standard)			m <sup>2</sup>	23.3-34.2	30.6-44.9	40-58.6
Qty'per 20' /40' /40'HQ				78/168/190	67/138/150	36/78/99



## Wall Split Type DC Inverter



## 21 SEER 60Hz R410 a

Model			YS21A-09HRFN1-B	YS21A-12HR21AN1-B	YS21A-09HR21AN1	YS21A-12HR21AN1	YS21A-18HR21AN1	YS21A-24HR21AN1
Power supply			Ph-V-Hz	115V~ 60Hz, 1Ph	115V~ 60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	9000	12000	18000	24000
	Input	W	665	960	640	923	1384	1920
	Rated current	A	5.8	8.4	2.9	4.05	6.1	8.4
	EER	Btu/w	13.5	12.5	14	13	13	12.5
	SEER	Btu/w	22.5	21.5	22.8	21.5	20.8	20.5
Cooling	Capacity	Btu/h	9800	11800	9800	11800	18000	25000
	Input	W	790	1120	930	1085	1570	2315
	Rated current	A	6.9	9.8	4.2	4.72	6.82	10.1
	COP	W/W	3.64	3.09	3.09	3.24	3.36	3.17
	HSPF4	Btu/w	10.5	11.2	10.5	9.8	10	10
	HSPF5	Btu/w	8.6	9	8.6	7.7	8	8.3
MINIMUM CIRCUIT AMPACITY			A	15	15	10	12	15
MAX.FUSE			A	20	20	15	20	25
Compressor			Brand	GMCC	GMCC	GMCC	GMCC	GMCC
Indoor unit	Dimension(W*D*H)	mm	802x189x297	802x189x297	802x189x297	802x189x297	1080x226x335	1080x226x335
	Packing(W*D*H)	mm	875x285x375	875x285x375	875x285x375	875x285x375	1155x415x315	1155x415x315
	Net/Gross weight	Kg	8.2/10	8.2/10	8.2/10	8.2/10	13.2/16.8	13.2/16.8
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	800x333x554	770x300x555	800x333x554	845x363x702	946x410x810
	Packing(W*D*H)	mm	900x345x585	920x390x615	900x345x585	920x390x615	965x395x755	1090x500x875
	Net/Gross weight	Kg	29/31.5	37/40	29/31.5	37/40	45.8/49.1	62/66.8
Application area (Cooling Standard)			m <sup>2</sup>	12-17.6	16-23.4	12-17.6	16-23.4	23.3-34.2
Qty'per 20' /40' /40'HQ			set	105/220/248	85/185/215	105/220/248	85/185/215	67/138/150

## Wall Split Type DC Inverter Multi Zones



### 21 SEER 60Hz R410 a

Out model		Y20D-18HFN1	Y30D-30HFN1	Y40D-36HFN1	Y50D-48HFN1
Cooling	Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph
	Capacity	Btu/h	18000	28000	36000
	EER	Btu/w	12.5	12.5	11.5
	SEER		22.5	23	22.5
	Capacity	Btu/h	19000	28000	36000
Heating	COP		3.6	3.9	3.4
	HSPF4		10.3	10.3	10.2
	HSPF5		8.8	8.5	8.7
	Rated capacity	Btu/h	12000	17200	23000
Heating at 17F <small>Heating at 5 F(-15°C)</small>	maximum capacity	Btu/h	13900	21900	28000
	Type		ROTARY	ROTARY	ROTARY
Compressor	Brand		GMCC	GMCC	GMCC
	Dimension(W*D*H)	mm	845x363x702	946x410x810	952x415x1333
Outdoor unit	Packing (W*D*H)	mm	965x395x755	1090x500x875	1095x495x1480
	Net/Gross weight	Kg	48/52	68/73	101.5/115.7
Qty' per 20' /40' /40'HQ		outdoor unit	102/216/216	44/96/144	44/96/144

Model		YSF-09HRFN1	YSF-12HRFN1	YSF-18HRFN1	YSF-24HRFN1
Indoor unit	Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph
	Dimension(W*D*H)	mm	802x189x297	802x189x297	1080x226x335
	Packing (W*D*H)	mm	875x285x375	875x285x375	1155x415x315
	Net/Gross weight	Kg	8.2/10	8.2/10	13.2/16.8
	Application area (cooling standard)	m <sup>2</sup>	12-17.6	16-23.4	23.3-34.2
Qty' per 20' /40' /40'HQ		set	320/660/750	320/660/750	190/400/448

## Window Type Top Discharge



### High EER 60Hz R410a

Model			YWK-06CRN1-B	YWK-08CRN1-B	YWK-10CRN1-B	YWK-12CRN1-B
Cooling	Power	Ph-V-Hz	1Ph-115V-60Hz	1Ph-115V-60Hz	1Ph-115V-60Hz	1Ph-115V-60Hz
	RATED Capacity	Btu	6000	8000	10000	12000
	RATED EER	Btu/w.h.w/w	11	11.2	11.3	11.3
	RATED Input	W	536	708	880	1060
	RATED Current	A	5	6.2	7.8	9.4
	Standby power	W	0.9	0.9	1.0	1.0
Moisture Removal		L/h	0.7	0.9	1.1	1.2
Max. input consumption		W	720	880	1035	1260
Max. current		A	7.1	8.6	9.8	11.86
Compressor	Brand		GMCC	GMCC	GMCC	GMCC
Application area(Cooling Standard)		m <sup>2</sup>	8-12	11-16	13-20	16-23
Dimension(W*D*H)		mm	471x400x340	471x400x340	482x545x372	482x545x372
Packing (W*D*H)		mm	551x452x367	551x452x367	557x586x430	557x586x430
Net/Gross weight		Kg	20.3/23.4	22.1/25.2	28.2/31.7	30.8/34.2
Loading quantity 20' /40' /40'HQ		Pieces	317/653/735	317/653/735	190/410/498	190/410/498

Model			YWK-15CRN1-B	YWK-18CRN1	YWK-22CRN1	YWK-25CRN1	YWK-28CRN1
Cooling	Power	V-Hz-Ph	1Ph, 115V, 60Hz	1Ph, 230/208V, 60Hz	1Ph, 230/208V, 60Hz	1Ph, 230/208V, 60Hz	1Ph, 230/208V, 60Hz
	RATED Capacity	Btu	15100	18500/18200	22000/21600	25000/24700	28000/27500
	RATED EER	Btu/w.h.w/w	11.2	11.2	10.3	9.8	9.0/9.4
	RATED Input	A	1348	1652/1525	2135/2097	2551/2520	3111/2925
	RATED Current	W	11.7	7.3/7.8	9.6/10.5	11.3/12.4	13.8/15.0
	Standby power	Btu/h	1.2	1.3	1.4	1.4	1.4
Moisture Removal		L/h	1.5	1.8	2.3	2.7	3
Max. input consumption		W	1782	2150	2900	3300	4200
Max. current		A	15.00	11.50	14.50	16.80	20.50
Compressor	Brand		GMCC	GMCC	GMCC	GMCC	GMCC
Application area(Cooling Standard)		m <sup>2</sup>	20-29	25-36	29-43	33-49	37-55
Dimension(W*D*H)		mm	600x845x455	600x845x455	673x674x473	673x674x473	673x674x473
Packing (W*D*H)		mm	660x760x500	660x760x500	750x794x520	750x794x520	750x794x520
Net/Gross weight		Kg	47.1/53.7	51.9/58.5	56.3/64.3	59/66.1	63.4/70.8
Loading quantity 20' /40' /40'HQ		Pieces	96/216/270	96/216/270	84/184/225	84/184/225	84/184/225



## Portable Type



### 60Hz R410a

Model			YPA-08CRN1-B	YPA-10CRN1-B	YPA-12CRN1-B	YPA-14CRN1-B
Cooling	Power supply	Ph-V-Hz	1PH,115V~.60Hz	1PH,115V~.60Hz	1PH,115V~.60Hz	1PH,115V~.60Hz
	Capacity	Btu/h	8000	10000	12000	14000
	Input	W	900	1130	1350	1575
	Current	A	8	10	12	11.8
	EER	W/W	2.6	2.6	2.6	2.6
		Btu/W.h	8.9	8.9	8.9	8.9
Moisture Removal (26.7/20.9℃)		L/h	1.2	1.5	1.8	2.1
Moisture Removal (35/28.3℃)		L/h	1.6	2.1	2.5	2.9
Compressor	Brand		GMCC	GMCC	GMCC	GMCC
Outdoor side noise level (Hi)		dB(A)	60	60	61	59
Power Cord Length(mm.)			2650mm	2650mm	2650mm	2650mm
Control type			Remote Control	Remote Control	Remote Control	Remote Control
Application area		ft²	300-350	400-450	500-550	550-700
Dimension (W*D*H)		mm	435×330×730	435×330×730	435×330×730	458×365×774
Packing (W*D*H)		mm	474×401×879	474×401×879	474×401×879	515×443×880
Net/Gross weight		Kg	26/30.5	26/30.5	28.5/33	31/35.1
Loading quantity 20' /40' /40'HQ		Pieces	136/280/419	136/280/419	136/280/419	114/238/350

## Dehumidifier



### 60Hz R410a

Sale model		YDK-40AEN1-B	YDK-30AEN1-B	YDK-50AEN1-B	YDK-60AEN1-B	YDK-70AEN1-B
Performance	Power supply	1Ph, 115V~,60Hz	1Ph, 115V~,60Hz	115V~ 60Hz, 1Ph	1Ph, 115V~,60Hz	1Ph, 115V~,60Hz
	Moisture removal	40	30	50	60	70
	Rated input consumption	450	310	520	550	720
	Rated current	4.5	3	4.7	4.9	6.9
	Energy factor(EER)	1.85	1.85	1.85	1.85	1.85
	Starting current	4.5	14	22	28	33
Power cord		18# / Sp007	18# / Sp007	16# / Sp007	16# / Sp007	16# / Sp007
Control type		Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control
Dimension(W*D*H)		360x251x510	360x251x510	391x275x590	391x275x590	391x275x590
Packing (W*D*H)		387x287x530	387x287x530	422x312x615	422x312x615	422x312x615
Net/Gross weight		13.5/14.5	13/14	16.5/17.5	18/19	18/19
Stuffing quantity (20'/40'/40'HQ)		488/992/1238	488/992/1238	303/624/832	303/624/832	303/624/832
Compressor	Brand	QINGAN	QINGAN	QINGAN	QINGAN	QINGAN



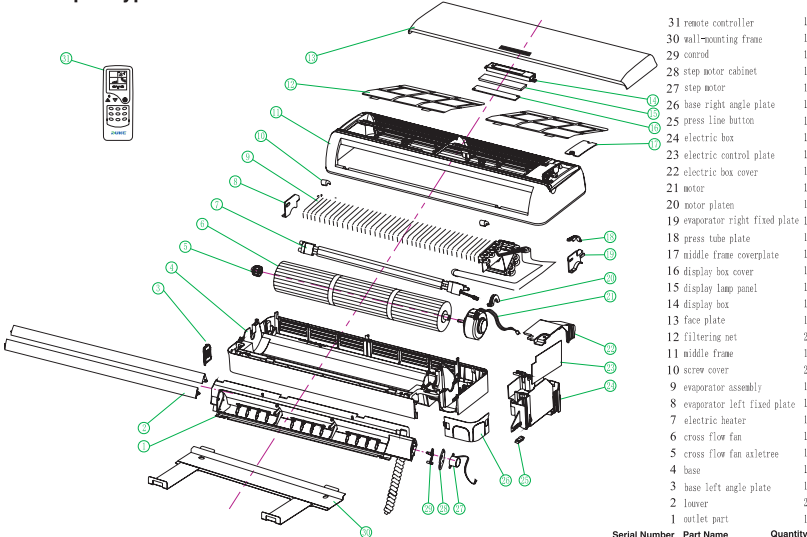
Model	YWP-07EEN1-UL2	YWP-07HEN1-UL1	YWP-09EEN1-UK3	YWP-09HEN1-UK3	YWP-12EEN1-UJ7	YWP-12HEN1-UJ5
Capacity						
Cooling Capability	Btu/h	7300	7000	9200	9000	12000
	W	2140	2052	2696	2638	3517
Heating Capability	Btu/h	/	/	/	/	/
	W	/	/	/	/	/
Electrical parts						
Power Supply	V~, Hz, Ph	265V~60Hz, 1Ph	265V~60Hz, 1Ph	265V~60Hz, 1Ph	265V~60Hz, 1Ph	265V~60Hz, 1Ph
Electric heater Power Input	W	2500/3500	2500/3500	2500/3500	2500/3500	2500/3500
Performance						
EER	Btu/h/w	TBD	TBD	11.3	11.3	10.7
	W/W	3.4	3.4	3.3	3.3	3.1
COP	Btu/h/w	/	11.3	/	10.9	/
	W/W	/	3.3	/	3.2	/
Noise Level	dB(A)	49	49	49	49	52
Dimension & Weight						
Dimension(W*D*H)	mm	1069x406x546	1069x406x546	1069x406x546	1069x406x546	1069x406x546
Packing(W*D*H)	mm	1180x490x697	1180x490x697	1180x490x697	1180x490x697	1180x490x697
Net/Gross weight	Kg	46.8/58.6	47.8/59.6	47.2/59	48.2/60	52.2/64
Stuffing Quantity						
Stuffing quantity 20'/40'/40'HQ	Set	60/120/150	60/120/150	60/120/150	60/120/150	60/120/150

Model	YWP-07EEN1-ML2	YWP-07HEN1-ML2	YWP-09EEN1-MK3	YWP-09HEN1-MK3
Capacity				
Cooling Capability	Btu/h	7300/7100	7000/6800	9200/9000
	W	2140/2081	2052/1993	2696/2638
Heating Capability	Btu/h	/	6000/5800	/
	W	/	1758/1700	/
Electrical parts				
Power Supply	V~, Hz, Ph	208/230~60Hz, 1Ph	208/230~60Hz, 1Ph	208/230~60Hz, 1Ph
Electric heater Power Input	W	2500/3500	2500/3500	2500/3500
Performance				
EER	Btu/h/w	TBD	TBD	11.3
	W/W	3.4	3.4	3.3
COP	Btu/h/w	/	11.3	/
	W/W	/	3.3	/
Noise Level	dB(A)	49	49	49
Dimension & Weight				
Dimension(W*D*H)	mm	1069x406x546	1069x406x546	1069x406x546
Packing(W*D*H)	mm	1180x490x697	1180x490x697	1180x490x697
Net/Gross weight	Kg	46.8/58.6	46.8/58.6	47.2/59
Stuffing Quantity				
Stuffing quantity 20'/40'/40'HQ	Set	60/120/150	60/120/150	60/120/150

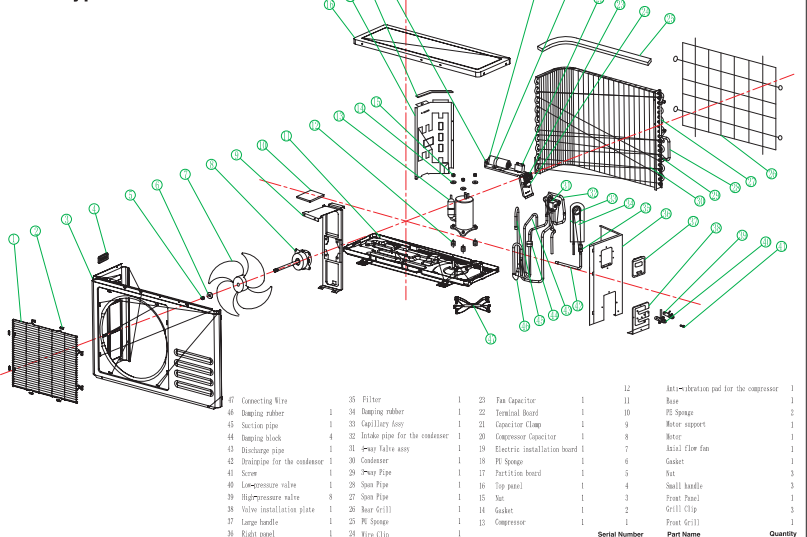
Model	YWP-12EEN1-MJ7	YWP-12HEN1-MJ5	YWP-15EEN1-MI5	YWP-15HEN1-MI3
Capacity				
Cooling Capability	Btu/h	12000/11800	12000/11800	14700/14500
	W	3517/3458	3517/3458	4308/4250
Heating Capability	Btu/h	/	10800/10500	/
	W	/	3165/3077	/
Electrical parts				
Power Supply	V~, Hz, Ph	208/230~60Hz, 1Ph	208/230~60Hz, 1Ph	208/230~60Hz, 1Ph
Electric heater Power Input	W	2500/3500	2500/3500	3500/5000
Performance				
EER	Btu/h/w	10.7	10.5	9.5
	W/W	3.1	3.1	2.8
COP	Btu/h/w	/	10.9	/
	W/W	/	3.2	/
Noise Level	dB(A)	52	52	52
Dimension & Weight				
Dimension(W*D*H)	mm	1069x406x546	1069x406x546	1069x406x546
Packing(W*D*H)	mm	1180x490x697	1180x490x697	1180x490x697
Net/Gross weight	Kg	52.2/64	53.2/65	53.2/65
Stuffing Quantity				
Stuffing quantity 20'/40'/40'HQ	Set	60/120/150	60/120/150	60/120/150

# Exploded View

## Wall Split Type



## New Type Outdoor



## Contact Us



## BIINWELL INDUSTRIES LIMITED

Tel: +86 769-81915919

Fax: +86 769-81915919

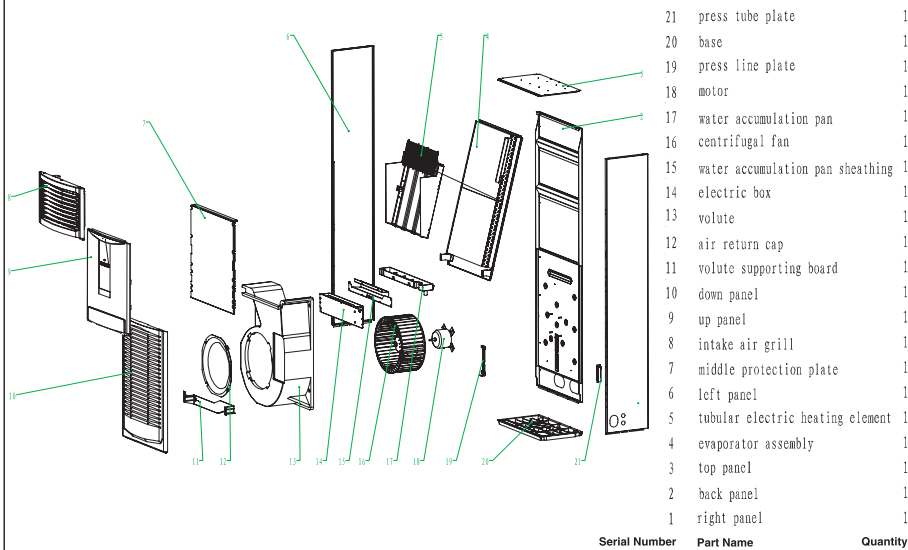
Cell: +86 134-86095971

+86-136-60350025

Website: [www.biinwell.com](http://www.biinwell.com)

Email: [info@biinwell.com](mailto:info@biinwell.com)

### Floor Standing Type



### New Type Outdoor

