Galanz
AIR CONDITIONERS

2010 Collection
R410A R407C R22 EUROPE

Brief Introduction

Galanz Group Profile

Established year: 1978
No. of employees: 42,000
Turnover: 3.6 billion USD (2009)
Main products:
air conditioner, refrigerator
washing machine, wine cooler
microwave oven, rice cooker
electric oven, induction cooker, kettle...

Galanz Air Conditioner Profile

Established year: 2000
Factory size: 2,000,000 m^2
No. of employees: 12,000
Production capacity: 5 million sets per year
Vertical integrated production:
assembly, heat exchanger, PCB,
motor, compressor, metal parts,
plastic parts, molding, etc.

Health & Environment

Total Air Solutions

Air conditioners made not only to cool and heat, Galanz wall split offers you total solutions to indoor air quality.

Clean Warning

After a long time of using an air conditioner, the filters inside get dirty and polluted by covering with dust, house mites, bacteria, etc. Clean Warning function can automatically give you a signal to clean the filters when they get dirty and polluted.
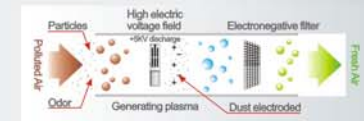
warning signal

Air Quality Detector

The air quality detector can detect various room air pollution like formaldehyde, benzene, smoke, etc. If the pollution reaches a certain level which may do harm to people, the indoor unit will give the user a warning signal.

warning signal

Kitchen Pollution
Carbon Monoxide(CO)
Cooking Fumes

Smoke Pollution

Decoration Pollution
Toluene($CH_3C_6H_5$)   Formaldehyde(HCHO)   Benzene(C_6H_6)
Xylene($C_6H_4(CH_3)_2$)

Plasma Filter

The Plasma can create an ionization zone. When the polluted air gets through the ionization zone, the microscopic contaminants can be eliminated efficiently. It can reduce not only the dust, but also smoke, house mites, pollen, pet fur, and then reduce user's allergy and asthma symptoms.

Particles   High electric voltage field   Electronegative filter
+9KV discharge
Polluted Air
Fresh Air
Odor   Generating plasma   Dust electroded

Golden Fin

It is an anti bacteria and anti corrosive coating on heat exchanger. It can prevent bacteria and germs breeding inside, and withstand the salty air, dirty water and other corrosion as well.
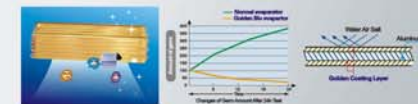
Ionizer

Ionizer can create more than 1,000,000/cm^3 anions, which can stimulate the blood circulation system, improve lung function and prevent respiratory passage illnesses.
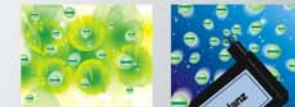
Health & Environment

Light Wave

Ligt Wave is Galanz exclusively owened bacteria killing technology. The light wave generator can create a kind of light wave in 750-1000nm length,which can efficiently kill the bacteria both inside the evaporator and in the airflow. Bacteria DNA can be broken and converted into CO_2 and H_2O,so there is no second pollution to the air. The authority testing has indicated the bacteria killing effciency can reach 99.43%.

Patent No: ZI031138667

Fresh Air

After a long time of staying in the room, the room air quality will drop a lot with the increase of CO_2 and bad odors like sweat, smoke,etc.Fresh Air function can take the polluted indoor air outside and then supply fresh air from outdoor.

Auto Clean

One of the main causes of odors emitting from an air conditioner is the mould and bacteria breeding on the evaporator.Auto Clean function can clean the evaporator automatically and reduce the possibility of mould and bacteria breeding inside the air conditioner.On the other hand,cleaning evaporator helps the air conditioner keep working efficiently and save energy.

Nano Silver Cross Fan

There is a nano silver coating on the indoor cross fan. It can suppress bacteria breeding efficiently.

Normal Fan → Nano Silver Fan

Multi-Filters

Multi Filters System can provide you different kinds of filters to secure the indoor air quality. It includes Nano Silver Filter, Active Carbon Filter, Bio Filter, Vitamin C Filter,etc. Multi Filter can efficiently eliminate dust and kill different kinds of bacteria. Also Vitamin C Filter can bring VC into your room air.

Multi-Filters

1 2 3 4 5

Dust NH₃ NCHO Vitamin C Bacteria Anions
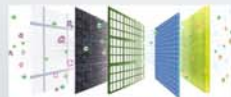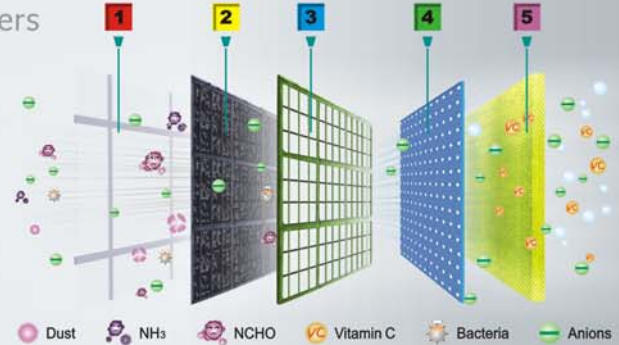
1 Anti-Dust Filter

Dust filter is the traditional filter which can catch most small dust particle and easily to be washed and cleaned.

2 Active Carbon Filter

Active carbon electrostatic filter can absorb many kinds of odors such as Ammonia(NH_3)and deactivate harmful chemical gas such as formaldehyde(HCHO). It can also absorb small dust particle,smoke and prevent allergic diseases.

NH₃ Removal Ratio of Active Carbon Filter

Time (min)	Density of NH₃ (mg/m³)	NH₃ Removal Ratio (mg/m³)
0	3.17	—
30	0.51	83.91
60	0.28	91.17
120	0.22	93.06

Dust Removal Ratio of Electrostatic Fibre Filter
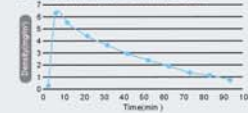
3 BIO Filter

BIO filter has a high photo catalyzing power, which can absorb and deactivate unpleasant odors, virus, formaldehyde and other chemical vapors. The Nano-meter catalyst can restore the deodorizing function by only exposing to the sunlight.

4 Nano Silver Filter

Nano silver fitler can destroy the cell-film of bacterium or strongly absorb the SH group of the protein in bacterium, the killing rate is higher than 99%.

5 Vitamin C Filter

Vitamin C filter is using VC emission material, which can bring Vitamin C to the air, soften the skin and reduce your pressure, like a spa of air.

Progress of "Vitamin-C emission" every 6 hours
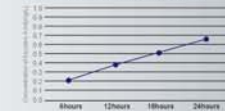
Performance of the emission in case of continuous running
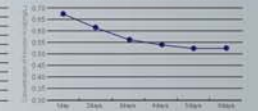
Intelligence & Efficiency

Sleep Mode
In sleep mode,the setting temperature increases (cooling) 1℃ or decreases (heating)2℃ per hour automaticallly in first two hours after setting sleep mode,which helps to achieve for the user the most comfortable temperature and save energy as well.

Turbo
Turbo function can cool down or warm up the room to the setting temperature in a shortest time.

Auto Restart
In case of power off,the microcomputer chip will memorize the running mode,and air con can restart with previous running mode automatically when power resumes.

Strong Dehumidification
It is usually used in rainy days or damp area.By operating dehumidifying mode,the room can achieve comfortable humidity level for the user without reducing room temperature.

Anti-rust Outdoor Casing
The outdoor unit casing is made from electrolytic zinc steel sheet.

Inner Grooved Copper Tube
Superior inner-grooved copper tube makes refrigerant flow much faster in the copper tube,and enhance heat-exchange efficiency up to 30%-50% compared with the traditional smooth copper tube.

Low Noise Air Flow System Large Diameter Cross Fan
Without decreasing the flow volume,the large diameter cross fan can reduce indoor unit's noise greatly.

Valve Protection Cover
It protects the valves and prevents waters.

Temperature Compensation (heating mode)
During heating mode,the ceiling temperature is usually quite higher than the floor temperature.So when the indoor unit is running at a temperature set by user,the floor temperature is actually lower than the setting one. But with temperature compensation function,the temperature difference can be eliminated,and you can enjoy the real temperature setted by you.

Anti-cold Air Function
When starting the heating function,the indoor fan starts only when the pipe temperature is high enough,so as to avoid the uncomfortable cold air blowing to the user.

Self-diagnosis and Auto-protection Function
With self-diagnosis function,errors will be detected by microcomputer chips and displayed by LED on the indoor unit.Protection will then be auto matically taken.

Hydrophilic Aluminium Fin
The hydrophilic aluminium fin of the evaporator and condenser can make the condensated water flow freely between the fins and then help to improve the cooling efficiency.Also it can improve the heating efficiency by accelerating the defrosting process.

Condenser Heating Kits
Condenser heating kits help the condenser free from getting frozen during heating mode in low temperature winter,then the air conditioner can run heating mode properly.

Low Ambient Kit
The unit can be operated in cooling mode at low ambient temperature conditions.

LED Display
It helps the user monitor and operate the unit clearly and easily.

Soft Start Kit
The starting current is limited withhin 45A.This is to avoid the suddent high current when starting running air conditioner, and then protect the electricity equipment.

Easy Wiring Connection
The integrated terminal board contributes to a quick and simple cable connecting the indoor and outdoor units.

Compressor Heating Kits
During winter with extremely low temperature,the compressor is easy to get frozen and then hardly get started.But with compressor heating kits,the compressor can be warmed up slowly and then get started properly.

Quick Connector
With quick connector system consumers can install the air conditioner by themselves.They just need to connect easily the specially designed copper pipe connector and signal wire connector.And it does not require professional tools.Quick connector can save a lot of time and installation fee.

Model Explanation & Remote

A US - 09 H 53 F 120 D1 (H a1)
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①.....A: Air conditioner

②.....US: U-split outdoor, S-wall mounted split type indoor

   UF: U-split outdoor, F-floor standing type indoor

   UY: U-split out door, Y-portable split type indoor

   W: Window type

   M: Portable type

③.....09: Capacity 9000BTU

④.....H: Cooling and heating

   C: Cooling only

   E: Cooling and heating + electrical heating

⑤.....53: 220-240V/50Hz 63: 208-230V/60Hz

   61: 110-120V/60Hz 62: 127V/60Hz 58: 380V/50Hz

⑥.....F: R22 C: R407C R: R410A

⑦.....120: Outdoor unit code

⑧.....D1: Indoor unit code

⑨.....Special function code:

   H-Light wave

   D- DC inverter

   V- AC inverter

   T-Tropical type

   A-T1 type(can be omitted)

⑩.....Design serial number

Remote Control

LED BUTTON

SLEEP BUTTON

ADJUSTMENT BUTTON

RUN/STOP BUTTON

IONIZER BUTTON

SWING BUTTON

ELECTRIC HEATING BUTTON

LIGHT WAVE BUTTON

LED DISPLAY

TIMER BUTTON

SET BUTTON

MODE BUTTON

FAN SPEED BUTTON

SWING BUTTON

FRESH AIR BUTTON

AUTO CLEAR BUTTON

SLEEP DISPLAY TIMER TURBO

MODE

I/O

FAN SPEED

IONIZER

CLEAN

AUX   LIGHT PLASMA FRESH
-HEAT -WAVE   AIR

Galanz

GZ-39GB-E1

GZ-1002B-E3 **GZ-056B-E1** **GZ-055B-E1**

Product Line Up

PRODUCT				CAPACITY RANGE									REFRIGERANT	
				5000BTU	7000BTU	9000BTU	12000BTU	18000BTU	21000BTU	24000BTU	41000BTU	48000BTU		
Wall-Mounted Type	Vitec					●	●						R410A	15
	Kudo	DC Inverter Single				●	●	●		●			R410A	17
		DC Inverter Multi						●	●	●			R410A	17
		ON/OFF Single			●	●	●	●		●			R410A R22	17
		ON/OFF Multi						●	●	●			R410A	17
	Viva	DC Inverter Single				●	●	●		●			R410A	22
		DC Inverter Multi						●	●	●			R410A	22
		ON/OFF Single			●	●	●	●		●			R410A R22	22
		ON/OFF Multi						●	●	●			R410A	22
	Galaxy	DC Inverter Single				●	●	●		●			R410A	26
		DC Inverter Multi						●	●	●			R410A	26
		ON/OFF Single			●	●	●	●		●			R410A R22	26
		ON/OFF Multi						●	●	●			R410A	26
	Smart					●	●	●		●			R410A R22	29
Window Type	B				●								R22	33
	C					●	●	●					R22	33
Portable Type	A						●	●					R410A	34
	D					●	●						R410A	35
Floor Standing Type	A							●					R22	36
	B									●			R22	36
	D							●		●	●	●	R410A R22 R407C	37

Galanz
AIR CONDITIONER

Wall Mounted Type

Vitec

Kudo

Viva

Galaxy

Smart

VITEC Wall Mounted Type

R410A

AUS-09H53R150V8(f2)
AUS-12H53R130V8(e3)

- Auto Lift Panel
- Brushed Silver Pattern
- Slim 160mm
- Digtal Display
- Signal Receiver

Air Quality Detector+Fresh Air (optional)

The air quality detector can detect various room air pollution like formaldehyde, smoke, etc. If the pollution reaches a certain level which may do harm to people, the air conditioner will start Fresh Air function to exchange the polluted air with fresh air from outdoor.

Decoration Pollution
Formaldehyde(HCHO)
Benzene(C₆H₆)
Toluene(CH₃C₆H₅)
Xylene(C₆H₄(CH₃)₂)

Kitchen Pollution
Carbon Monoxide(CO)
Cooking Fumes

Smoke Pollution

Auto Clean (optional)

One of the main causes of odour emitting from an air conditioner is the mould and bacteria breeding on the evaporator.Auto Clean function can clean the evaporator automatically and reduce the possibility of mould and bacteria breeding inside the air conditioner.On the other hand,cleaning evaporator helps the air conditioner keep working efficiently and save energy.

Ultra Low Noise (optional)

By using a superior fan and fan motor, the indoor noise leve an reach 21dB(A) for 9K model and 28dB(A) for 12K model under sleep mode. User can enjoy a peaceful and quiet condition of bedroom or office.

Indoor   21dB

Sleep Care

Sleep care is a precise and intelligent technology for sleeping. It provides different sleep modes for different users like adults,childen and elders.With sleep care function,users can have more comfortable sleeping.

Children   Adults   Elders

More Features

Standard

Optional

SPECIFICATIONS R410A

Model		AUS-09H53R150V8(f2)	AUS-12H53R130V8(e3)
Capacity			
BTU/h	Cooling	9212	11942
	Heating	9895	12966
W	Cooling	2700	3500
	Heating	2900	3800
Electrical			
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	800	1050
	Heating	800	1050
Rated Current(A)	Cooling	3.6	4.6
	Heating	3.6	5.0
Performance			
EER(W/W)		3.38	3.33
COP(W/W)		3.63	3.61
Noise dB(A)	Indoor(Lo/Mid/Hi)	31/33/35	33/36/39
	Outdoor	50	51
Air Flow Volume(m³/h)		320/400/450	380/450/500
Dehumidifying(l/h)		0.8	1.25
Dimension & Weight			
Unit Dimension WxHxD (mm)	Indoor	890*273*160	890*273*160
	Outdoor	745*552*328	835*552*310
Packing Dimension WxHxD(mm)	Indoor	955*340*225	955*340*225
	Outdoor	800*620*375	895*620*355
Net Weight(Kg)	Indoor	10	10
	Outdoor	30	33
Gross Weight(Kg)	Indoor	11.5	11.5
	Outdoor	33.5	36.5
Installation & Loading			
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")
	Gas	9.52(3/8")	12.70(1/2")
20'/40'/40'HQ(set)		114/238/266	106/227/256

Remark: The above designs and specifications might be changed without prior notice. for product improvement.

KUDO Wall Mounted Type

R410A · *Dc Inverter Single*

AUS-09H53R120P3(Db)
AUS-12H53R120P3(Da)
AUS-18H53R120C3(Da)
AUS-24H53R330T3(Da)

R410A · *Dc Inverter Multi*

AUS-09×2H53R220P3(D)
AUS-09+12H53R220P3(D)
AUS-12×2H53R220P3(D)

R410A · *Single*

AUS-07H53R010P3(4)
AUS-09H53R010P3(e5)
AUS-12H53R130P3(b4)
AUS-18H53R230C3(a4)
AUS-24H53R230T3(a5)

R410A · *Multi*

AUS-09×2H53R220P3
AUS-09+12H53R230P3
AUS-12×12H53R230P3

R22

AUS-07H53F010P3(6)
AUS-09H53F010P3(b6)
AUS-12H53F150P3(a5)
AUS-18H53F120C3(a6)
AUS-24H53F230T3(a5)

Mirror Panel
Feature Indicator
Digtal Display

Air Quality Detector (optional)

The air quality detector can detect various room air pollution like formaldehyde, benzene, smoke, etc. If the pollution reaches a certain level which may do harm to people, the indoor unit will give the user a warning signal.

warning signal

Decoration Pollution
Formaldehyde(HCHO)
Benzene(C6H6)
Toluene(CH3C6H5)
Xylene(C6H4(CH3)2)

Kitchen Pollution
Carbon Monoxide(CO)
Cooking Fumes

Smoke Pollution

Clean Warning (optional)

After a long time of using an air conditioner, the filters in side get dirty and polluted by covering with dust,house mites, bacteria,etc. Clean Warning function can autom atically give you a signal to clean the filters when they get dirty and polluted.

Auto Clean (optional)

One of the main causes of odour emitting from an air conditioner is the mould and bacteria breeding on the evaporator.Auto Clean function can clean the evaporator automatically and reduce the possibility of mould and bacteria breeding inside the air conditioner.On the other hand,cleaning evaporator helps the air conditioner keep working efficiently and save energy.

Plasma Filter (optional)

The Plasma can create an ionization zone. When the polluted air gets through the ionization zone,the microscopic contaminants can be eliminated efficiently. It can reduce not only the dust,but also smoke, house mites,pollen,pet fur,and then reduce user's allergy and asthma symptoms.

High electric voltage field
Electronegative filter
Particles
Polluted Air
Odor
Generating plasma
Dust electroded
Fresh Air

Sleep Care

Sleep care is a precise and intelligent technology for sleeping. It provides different sleep modes for different users like adults,childen and elders.With sleep caers function,users can have more comfortable sleeping.

Children Adults Elders

More Features

Standard

Optional

KUDO Wall Mounted Type

SPECIFICATIONS — R410A — Dc Inverter Single

Model		AUS-09H53R120P3(Db)	AUS-12H53R120P3(Da)	AUS-18H53R120C3(Da)	AUS-24H53R330T3(Da)
Capacity					
BTU/h	Cooling	9000	12000	18000	24000
	Heating	10000	13000	20000	26000
W	Cooling	2500(1200~4000)	3200(1300~4100)	5100(2000~6000)	7100(2300~7500)
	Heating	2900(1400~5000)	3800(1500~5100)	5600(2200~6800)	7700(2300~8200)
Electrical					
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	760(270~1360)	990(340~1430)	1580(320~2060)	2100(580~2700)
	Heating	800(300~1600)	1050(350~1700)	1640(440~2400)	2250(520~2700)
Rated Current(A)	Cooling	3.37(1.3~6.2)	4.39(1.6~6.8)	7.1(1.4~9.2)	9.8(2.7~12.1)
	Heating	3.55(1.4~7.3)	4.7(1.6~7.5)	7.4(2.0~10.8)	11(2.4~12.1)
Performance					
EER(W/W)		3.29(2.9~4.4)	3.23(2.9~4.1)	3.22(2.9~6.25)	3.38(2.8~4.0)
COP(W/W)		3.63(3.1~4.7)	3.62(3.0~4.4)	3.41(2.8~5.0)	3.42(3.0~4.8)
Noise dB(A)	Indoor(Lo/Mid/Hi)	32/35/38	34/37/40	37/40/43	43/46/50
	Outdoor	50	51	51	58
Air Flow Volume(m³/h)		320/400/450	380/450/500	650/700/850	880/980/1100
Dehumidifying(l/h)		0.8	1.2	2.2	3
Dimension & Weight					
Unit Dimension WxHxD(mm)	Indoor	800*290*186	800*290*186	860*293*203	1080*330*220
	Outdoor	770*520*260	770*520*280	770*520*280	880*790*360
Packing Dimension WxHxD(mm)	Indoor	855*355*255	855*355*255	920*360*270	1165*405*300
	Outdoor	910*620*380	910*620*380	910*620*380	1030*860*480
Net Weight(Kg)	Indoor	10	10	12	17
	Outdoor	32	37	41	60
Gross Weight(Kg)	Indoor	11.5	11.5	14	20
	Outdoor	35.5	40	44.5	65
Installation & Loading					
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	12.7(1/2")	12.7(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		98/205/236	98/205/236	94/193/233	48/100/124

Remark: The above designs and specifications might be changed without prior notice for product improvement.

SPECIFICATIONS — R410A — Single

Model		AUS-07H53R010P3(4)	AUS-09H53R010P3(e5)	AUS-12H53R130P3(b4)	AUS-18H53R230C3(a4)	AUS-24H53R230T3(a5)
Capacity						
BTU/h	Cooling	7300	9200	12000	18000	24000
	Heating	7850	10000	13000	20400	26600
W	Cooling	2100	2700	3500	5200	7100
	Heating	2100	2850	3850	6000	7800
Electrical						
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	640	840	1090	1615	2200
	Heating	580	790	1065	1650	2210
Rated Current(A)	Cooling	2.8	3.8	4.9	7.4	9.6
	Heating	2.65	3.60	4.9	7.6	9.6
Performance						
EER(W/W)		3.28	3.21	3.21	3.22	3.22
COP(W/W)		3.62	3.61	3.62	3.64	3.53
Noise dB(A)	Indoor(Lo/Mid/Hi)	31/34/36	34/37/40	34/37/40	37/40/43	43/46/50
	Outdoor	49	49	52	56	58
Air Flow Volume(m³/h)		300/350/400	320/400/450	380/450/500	650/700/850	880/980/1100
Dehumidifying(l/h)		0.7	0.8	1.2	2.2	3
Dimension & Weight						
Unit Dimension WxHxD(mm)	Indoor	800*290*186	800*290*186	800*290*186	860*293*203	1080*330*220
	Outdoor	600*480*250	600*480*250	790*540*245	845*680*310	845*680*310
Packing Dimension WxHxD(mm)	Indoor	855*355*255	855*355*255	855*355*255	920*360*270	1165*405*300
	Outdoor	705*535*300	705*535*300	895*620*355	1010*765*430	1010*765*430
Net Weight(Kg)	Indoor	10	10	10	11	17
	Outdoor	26	26	37	50	60
Gross Weight(Kg)	Indoor	11.5	11.5	11.5	13	20
	Outdoor	29	29	40.5	55	65
Installation & Loading						
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")	12.70(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		154/318/360	154/318/360	105/218/255	70/147/163	63/132/147

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SPECIFICATIONS — R410A — Dc Inverter Multi

Model		AUS-09×2H53R220P3(D)	AUS-09+12H53R220P3(D)	AUS-12×2H53R220P3(D)
Capacity				
BTU/h	Cooling	18000	21000	24000
	Heating	21000	23000	26000
W	Cooling	5150(2300~6000)	6020(2300~6300)	7000(2300~7500)
	Heating	6300(2300~7300)	6750(2300~7300)	7700(2300~8200)
Electrical				
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	1600(580~2540)	2000(580~2540)	2180(580~2700)
	Heating	1840(520~2540)	2100(520~2540)	2390(520~2700)
Rated Current(A)	Cooling	7.3(2.7~10.9)	9.0(2.7~10.9)	9.8(2.7~12.1)
	Heating	8.2(2.4~11.6)	9.4(2.4~11.6)	10.7(2.4~12.1)
Performance				
EER(W/W)		3.21(2.7~4.0)	3.01(2.7~4.0)	3.21(2.8~4.0)
COP(W/W)		3.42(2.9~4.8)	3.21(2.9~4.8)	3.22(3.0~4.8)
Noise dB(A)	Indoor(Lo/Mid/Hi)	32/35/38	32/35/38, 34/37/40	34/37/40
	Outdoor	57	57	60
Air Flow Volume(m³/h)		320/420/470	320/420/470, 380/450/500	380/450/500
Dehumidifying(l/h)		0.8+0.8	0.8+1.2	1.2+1.2
Dimension & Weight				
Unit Dimension WxHxD(mm)	Indoor	800*290*186	800*290*186	800*290*186
	Outdoor	813*680*310	813*680*310	813*680*310
Packing Dimension WxHxD(mm)	Indoor	855*355*255	855*355*255	855*355*255
	Outdoor	1010*765*430	1010*765*430	1010*765*430
Net Weight(Kg)	Indoor	10+10	10+10	10+10
	Outdoor	50	50	50
Gross Weight(Kg)	Indoor	11.5+11.5	11.5+11.5	11.5+11.5
	Outdoor	55	55	80
Installation & Loading				
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Gas	9.52(3/8")	9.52(3/8")+12.7(1/2")	12.7(1/2")
20'/40'/40'HQ(set)		60/128/142	60/128/142	60/128/142

Remark: The above designs and specifications might be changed without prior notice for product improvement.

SPECIFICATIONS — R410A — Multi

Model		AUS-09×2H53R220P3	AUS-09+12H53R230P3	AUS-12×12H53R230P3
Capacity				
BTU/h	Cooling	9700+9700	9700+12500	12500+12500
	Heating	9750+9750	9750+13000	13000+13000
W	Cooling	2700+2700	2850+3520	3750+3750
	Heating	2910+2910	2900+3810	4000+4000
Electrical				
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	840+840	880+1100	1225+1225
	Heating	805+805	900+1350	1275+1275
Rated Current(A)	Cooling	3.7+3.7	3.9+5.4	5.4+5.4
	Heating	3.8+3.8	3.8+6.4	5.6+5.6
Performance				
EER(W/W)		3.21	3.21	3.06
COP(W/W)		3.61	3.01	3.13
Noise dB(A)	Indoor(Lo/Mid/Hi)	32/35/38	32/35/38, 34/37/40	34/37/40
	Outdoor	57	58	59
Air Flow Volume(m³/h)		320/400/450	320/400/450, 380/450/500	380/450/500
Dehumidifying(l/h)		0.8	0.8/1.2	1.6
Dimension & Weight				
Unit Dimension WxHxD(mm)	Indoor	800*290*196	800*290*196	800*290*196
	Outdoor	813*680*310	845*680*310	845*680*310
Packing Dimension WxHxD(mm)	Indoor	870*365*280	870*365*280	870*365*280
	Outdoor	1010*765*430	1010*765*430	1010*765*430
Net Weight(Kg)	Indoor	10	10	10
	Outdoor	56	56	62
Gross Weight(Kg)	Indoor	11.5	11.5	11.5
	Outdoor	61	61	67
Installation & Loading				
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")
20'/40'/40'HQ(set)		60/128/142	60/128/142	60/128/142

Remark: The above designs and specifications might be changed without prior notice for product improvement.

KUDO Wall Mounted Type

SPECIFICATIONS (R22)

Model		AUS-07H53F010P3(6)	AUS-09H53F010P3(b6)	AUS-12H53F150P3(a5)	AUS-18H53F120C3(a6)	AUS-24H53F230T3(a5)
Capacity						
BTU/h	Cooling	7000	9000	12000	18000	24000
	Heating	7000	9300	12200	19800	24000
W	Cooling	2000	2500	3200	4800	6500
	Heating	2100	2700	3550	5800	7000
Electrical						
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	750	930	1200	1980	2300
	Heating	745	880	1200	1920	2480
Rated Current(A)	Cooling	3.3	4.3	5.5	8.6	10
	Heating	3.3	4.2	5.5	8.3	10.8
Performance						
EER(W/W)		2.67	2.69	2.67	2.42	2.83
COP(W/W)		2.82	3.07	2.96	3.02	2.82
Noise dB(A)	Indoor(Lo/Mid/Hi)	25/29/32	32/35/38	34/37/40	37/40/43	43/46/50
	Outdoor	48	48	49	56	58
Air Flow Volume(m³/h)		240/280/320	320/400/450	380/450/500	650/700/850	880/980/1100
Dehumidifying(l/h)		0.7	0.8	1.2	2.2	3
Dimension & Weight						
Unit Dimension WxHxD(mm)	Indoor	800*290*186	800*290*186	800*290*186	860*293*203	1080*330*220
	Outdoor	600*480*250	600*480*250	700*540*255	770*520*280	845*680*310
Packing Dimension WxHxD(mm)	Indoor	855*355*255	855*355*255	855*355*255	920*360*270	1165*405*300
	Outdoor	705*535*300	705*535*300	800*620*375	910*620*380	1010*765*430
Net Weight(Kg)	Indoor	10	10	10	11	17
	Outdoor	26	26	30	41	60
Gross Weight(Kg)	Indoor	11.5	11.5	11.5	13	20
	Outdoor	29	29	33.5	44.5	65
Installation & Loading						
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")	12.70(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		154/318/360	154/318/360	106/240/268	94/193/233	63/132/147

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VIVA Wall Mounted Type

(R410A) Dc Inverter Single

AUS-09H53R120P9(Db)
AUS-12H53R120P9(Da)
AUS-18H53R120C9(Da)
AUS-24H53R330T9(Da)

(R410A) Dc Inverter Multi

AUS-09×2H53R220P9(D)
AUS-09+12H53R220P9(D)
AUS-12×2H53R220P9(D)

(R410A) Single

AUS-07H53R010P9(4)
AUS-09H53R010P9(e5)
AUS-12H53R130P9(b4)
AUS-18H53R230C9(a4)
AUS-24H53R230T9(a5)

(R410A) Multi

AUS-09×2H53R220P9
AUS-09+12H53R230P9
AUS-09×2H53R230P9

(R22)

AUS-07H53F010P9(6)
AUS-09H53F010P9(b6)
AUS-12H53F150P9(a5)
AUS-18H53F120C9(a6)
AUS-24H53F230T9(a5)

Features

Standard

Optional

SPECIFICATIONS — R410A — Dc Inverter Single

Model		AUS-09H53R120P9(Db)	AUS-12H53R120P9(Da)	AUS-18H53R120C9(Da)	AUS-24H53R330T9(Da)
Capacity					
BTU/h	Cooling	9000	12000	18000	24000
	Heating	10000	13000	20000	26000
W	Cooling	2500(1200~4000)	3200(1300~4100)	5100(2000-6000)	7100(2300~7500)
	Heating	2900(1400-5000)	3800(1500~5100)	5600(2200~6800)	7700(2300~8200)
Electrical					
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	760(270-1360)	990(340~1430)	1580(320~2060)	2100(580~2700)
	Heating	800(300-1600)	1050(350~1700)	1640(440~2400)	2250(520~2700)
Rated Current(A)	Cooling	3.37(1.3-6.2)	4.39(1.6-6.8)	7.1(1.4~9.2)	9.8(2.7~12.1)
	Heating	3.55(1.4-7.3)	4.7(1.6~7.5)	7.4(2.0~10.8)	11(2.4~12.1)
Performance					
EER(W/W)		3.29(2.9-4.4)	3.23(2.9-4.1)	3.22(2.9-6.25)	3.38(2.8~4.0)
COP(W/W)		3.63(3.1-4.7)	3.62(3.0-4.4)	3.41(2.8-5.0)	3.42(3.0~4.8)
Noise dB(A)	Indoor(Lo/Mid/Hi)	32/35/38	34/37/40	37/40/43	43/46/50
	Outdoor	50	51	51	58
Air Flow Volume(m³/h)		320/400/450	380/450/500	650/700/850	880/980/1100
Dehumidifying(l/h)		0.8	1.2	2.2	3
Dimension & Weight					
Unit Dimension WxHxD(mm)	Indoor	800*290*186	800*290*186	860*293*203	1080*330*220
	Outdoor	770*520*260	770*520*280	770*520*280	880*790*360
Packing Dimension WxHxD(mm)	Indoor	855*355*255	855*355*255	920*360*270	1165*405*300
	Outdoor	910*620*380	910*620*380	910*620*380	1030*760*480
Net Weight(Kg)	Indoor	10	10	12	17
	Outdoor	32	32	32	60
Gross Weight(Kg)	Indoor	11.5	11.5	14	20
	Outdoor	35.5	35.5	35.5	65
Installation & Loading					
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	12.7(1/2")	12.7(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		98/205/236	98/205/236	94/193/233	48/100/124

Remark: The above designs and specifications might be changed without prior notice for product improvement.

SPECIFICATIONS — R410A — Single

Model		AUS-07H53R010P9(4)	AUS-09H53R010P9(e5)	AUS-12H53R130P9(b4)	AUS-18H53R230C9(a4)	AUS-24H53R230T9(a5)
Capacity						
BTU/h	Cooling	7300	9200	12000	18000	24200
	Heating	7850	10000	13000	20400	26600
W	Cooling	2100	2700	3500	5200	7100
	Heating	2100	2850	3850	6000	7800
Electrical						
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	640	840	1090	1615	2200
	Heating	580	790	1065	1650	2210
Rated Current(A)	Cooling	2.8	3.8	4.9	7.4	9.6
	Heating	2.65	3.60	4.9	7.6	9.6
Performance						
EER(W/W)		3.28	3.21	3.21	3.22	3.22
COP(W/W)		3.62	3.61	3.62	3.64	3.53
Noise dB(A)	Indoor(Lo/Mid/Hi)	31/34/36	34/37/40	34/37/40	37/40/43	43/46/50
	Outdoor	49	49	52	56	58
Air Flow Volume(m³/h)		300/350/400	320/400/450	380/450/500	650/700/850	880/980/1100
Dehumidifying(l/h)		0.7	0.8	1.2	2.2	3
Dimension & Weight						
Unit Dimension WxHxD(mm)	Indoor	800*290*186	800*290*186	800*290*186	860*293*203	1080*330*220
	Outdoor	600*480*250	600*480*250	790*540*245	845*680*310	845*680*310
Packing Dimension WxHxD(mm)	Indoor	855*355*255	855*355*255	855*355*255	920*360*270	1165*405*300
	Outdoor	705*535*330	705*535*330	895*620*355	1010*765*430	1010*765*430
Net Weight(Kg)	Indoor	10	10	10	11	17
	Outdoor	26	26	37	50	60
Gross Weight(Kg)	Indoor	11.5	11.5	11.5	13	20
	Outdoor	29	29	40.5	55	65
Installation & Loading						
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")	12.70(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		154/318/360	154/318/360	105/218/255	70/147/163	63/132/147

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SPECIFICATIONS — R410A — Dc Inverter Multi

Model		AUS-09×2H53R220P9(D)	AUS-09+12H53R220P9(D)	AUS-12×2H53R220P9(D)
Capacity				
BTU/h	Cooling	18000	21000	24000
	Heating	21000	23000	26000
W	Cooling	5150(2300~6000)	6020(2300~6300)	7000(2300~7500)
	Heating	6300(2300~7300)	6750(2300~7300)	7700(2300~8200)
Electrical				
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	1600(580~2540)	2000(580~2540)	2180(580~2700)
	Heating	1840(520~2540)	2100(520~2700)	2380(520~2700)
Rated Current(A)	Cooling	7.3(2.7~10.9)	9.0(2.7~10.9)	9.8(2.7~12.1)
	Heating	8.2(2.4~11.6)	9.4(2.4~11.6)	10.7(2.4~12.1)
Performance				
EER(W/W)		3.21(2.7~4.0)	3.01(2.7~4.0)	3.21(2.8~4.0)
COP(W/W)		3.42(2.9~4.8)	3.21(2.9~4.8)	3.22(3.0~4.8)
Noise dB(A)	Indoor(Lo/Mid/Hi)	32/35/38	32/35/38, 34/37/40	34/37/40
	Outdoor	57	57	60
Air Flow Volume(m³/h)		320/420/470	320/420/470, 380/450/500	380/450/500
Dehumidifying(l/h)		0.8+0.8	0.8+1.2	1.2+1.2
Dimension & Weight				
Unit Dimension WxHxD(mm)	Indoor	800*290*186	800*290*186	800*290*186
	Outdoor	813*680*310	813*680*310	813*680*310
Packing Dimension WxHxD(mm)	Indoor	855*355*255	855*355*255	855*355*255
	Outdoor	1010*765*430	1010*765*430	1010*765*430
Net Weight(Kg)	Indoor	10+10	10+10	10+10
	Outdoor	50	50	70
Gross Weight(Kg)	Indoor	11.5+11.5	11.5+11.5	11.5+11.5
	Outdoor	55	55	80
Installation & Loading				
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Gas	9.52(3/8")	9.52(3/8")+12.7(1/2")	12.7(1/2")
20'/40'/40'HQ(set)		60/128/142	60/128/142	60/128/142

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SPECIFICATIONS — R410A — Multi

Model		AUS-09×2H53R220P9	AUS-09+12H53R230P9	AUS-09×2H53R230P9
Capacity				
BTU/h	Cooling	9700+9700	9700+12500	12500+12500
	Heating	9750+9750	9750+13000	13000+13000
W	Cooling	2700+2700	2850+3520	3750+3750
	Heating	2910+2910	2900+3810	4000+4000
Electrical				
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	840+840	880+1100	1225+1225
	Heating	805+805	900+1350	1275+1275
Rated Current(A)	Cooling	3.7+3.7	3.9+5.4	5.4+5.4
	Heating	3.8+3.8	3.8+6.4	5.6+5.6
Performance				
EER(W/W)		3.21	3.21	3.06
COP(W/W)		3.61	3.01	3.13
Noise dB(A)	Indoor(Lo/Mid/Hi)	32/35/38	32/35/38, 34/37/40	34/37/40
	Outdoor	57	58	59
Air Flow Volume(m³/h)		320/400/450	320/400/450, 380/450/500	380/450/500
Dehumidifying(l/h)		0.8	0.8/1.2	1.6
Dimension & Weight				
Unit Dimension WxHxD(mm)	Indoor	800*290*196	800*290*196	800*290*196
	Outdoor	813*680*310	845*680*310	845*680*310
Packing Dimension WxHxD(mm)	Indoor	870*365*280	870*365*280	870*365*280
	Outdoor	1010*765*430	1010*765*430	1010*765*430
Net Weight(Kg)	Indoor	10	10	10
	Outdoor	56	56	62
Gross Weight(Kg)	Indoor	11.5	11.5	11.5
	Outdoor	61	61	67
Installation & Loading				
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")
20'/40'/40'HQ(set)		60/128/142	60/128/142	60/128/142

Remark: The above designs and specifications might be changed without prior notice for product improvement.

VIVA Wall Mounted Type

SPECIFICATIONS R22

Model		AUS-07H53F010P9(6)	AUS-09H53F010P9(b6)	AUS-12H53F150P9(a5)	AUS-18H53F120C9(a6)	AUS-24H53F230T9(a5)
Capacity						
BTU/h	Cooling	7000	9000	12000	18000	24000
	Heating	7000	9300	12200	19800	24000
W	Cooling	2000	2500	3200	4800	6500
	Heating	2100	2700	3550	5800	7000
Electrical						
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	750	930	1200	1980	2300
	Heating	745	880	1200	1920	2480
Rated Current(A)	Cooling	3.3	4.3	5.5	8.6	10
	Heating	3.3	4.2	5.5	8.3	10.8
Performance						
EER(W/W)		2.67	2.69	2.67	2.42	2.83
COP(W/W)		2.82	3.07	2.96	3.02	2.82
Noise dB(A)	Indoor(Lo/Mid/Hi)	25/29/32	32/35/38	34/37/40	37/40/43	43/46/50
	Outdoor	48	48	49	56	58
Air Flow Volume(m³/h)		240/280/320	320/400/450	380/450/500	650/700/850	880/960/1100
Dehumidifying(l/h)		0.7	0.8	1.2	2.2	3
Dimension & Weight						
Unit Dimension WxHxD(mm)	Indoor	800*290*186	800*290*186	800*290*186	860*293*203	1080*330*220
	Outdoor	600*480*250	600*480*250	700*540*255	770*520*280	845*880*310
Packing Dimension WxHxD(mm)	Indoor	855*355*255	855*355*255	855*355*255	920*360*270	1165*405*300
	Outdoor	705*535*330	705*535*330	800*620*375	910*620*380	1010*765*430
Net Weight(Kg)	Indoor	10	10	10	11	17
	Outdoor	26	26	30	41	60
Gross Weight(Kg)	Indoor	11.5	11.5	11.5	13	20
	Outdoor	29	29	33.5	44.5	65
Installation & Loading						
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")	12.70(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		154/318/360	154/318/360	106/240/268	94/193/233	63/132/147

Remark: The above designs and specifications might be changed without prior notice for product improvement.

GALAXY Wall Mounted Type

R410A *Dc Inverter Single*

AUS-09H53R120L2(Db)
AUS-12H53R120L2(Da)
AUS-18H53R120D2(Da)
AUS-24H53R330G5(Da)

R410A *Dc Inverter Multi*

AUS-09×2H53R220L2(D)
AUS-09+12H53R220L2(D)
AUS-12×2H53R330L2(D)

R410A *Single*

AUS-07H53R010L2(4)
AUS-09H53R010L2(e5)
AUS-12H53R150L2(a5)
AUS-18H53R230D2(a4)
AUS-24H53R230G5(a5)

R410A *Multi*

AUS-09×2H53R220L2
AUS-09+12H53R230L2
AUS-12×2H53R230L2

R22

AUS-07H53F010L2(7)
AUS-09H53F010L2(b7)
AUS-12H53F150L2(a7)
AUS-18H53F120D2(a7)
AUS-24H53F230G5(7)

Features

Standard

Optional

GALAXY Wall Mounted Type

SPECIFICATIONS — R410A — Dc Inverter Single

Model		AUS-09H53R120L2(Db)	AUS-12H53R120L2(Da)	AUS-18H53R120D2(Da)	AUS-24H53R330GS(Da)
Capacity					
BTU/h	Cooling	9000	12000	18000	24000
	Heating	10000	13000	20000	26000
W	Cooling	2500(1200-4000)	3200(1300~4100)	5100(2000-6000)	7100(2300~7500)
	Heating	2900(1400-5000)	3800(1500~5100)	5600(2200~6800)	7700(2300~8200)
Electrical					
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	760(270-1360)	990(340~1430)	1580(320~2000)	2100(580~2700)
	Heating	800(300-1600)	1050(350~1700)	1640(440~2400)	2250(520~2700)
Rated Current(A)	Cooling	3.37(1.3-6.2)	4.39(1.6~6.8)	7.1(1.4~9.2)	9.8(2.7~12.1)
	Heating	3.55(1.4-7.3)	4.7(1.6~7.5)	7.4(2.0~10.8)	11(2.4~12.1)
Performance					
EER(W/W)		3.29(2.9-4.4)	3.23(2.9-4.1)	3.22(2.9-6.25)	3.38(2.8~4.0)
COP(W/W)		3.63(3.1-4.7)	3.62(3.0-4.4)	3.41(2.8-5.0)	3.42(3.0~4.8)
Noise dB(A)	Indoor(Lo/Mid/Hi)	32/35/38	34/37/40	37/40/43	43/46/50
	Outdoor	50	51	58	58
Air Flow Volume(m³/h)		320/400/450	380/450/500	650/700/850	880/980/1100
Dehumidifying(l/h)		0.8	1.2	2.2	3
Dimension & Weight					
Unit Dimension WxHxD(mm)	Indoor	800*290*196	800*290*196	860*292*205	1080*330*220
	Outdoor	770*520*260	770*520*260	770*520*280	880*790*360
Packing Dimension WxHxD(mm)	Indoor	870*365*280	870*365*280	930*365*280	1180*425*300
	Outdoor	910*620*380	910*620*380	910*620*380	1030*890*480
Net Weight(Kg)	Indoor	10	10	12	15
	Outdoor	32	37	41	70
Gross Weight(Kg)	Indoor	11.5	11.5	14	20
	Outdoor	35.5	40	44.5	80
Installation & Loading					
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	12.7(1/2")	12.7(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		96/197/225	96/197/225	92/196/222	44/92/117

Remark: The above designs and specifications might be changed without prior notice for product improvement.

SPECIFICATIONS — R410A — Single

Model		AUS-07H53R010L2(4)	AUS-09H53R010L2(e5)	AUS-12H53R150L2(a5)	AUS-18H53R230D2(a4)	AUS-24H53R230GS(a5)
Capacity						
BTU/h	Cooling	7300	9200	12000	18000	24200
	Heating	7300	10000	13000	20400	26600
W	Cooling	2100	2700	3500	5200	7100
	Heating	2100	2850	3800	6000	7800
Electrical						
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	640	840	1090	1615	2200
	Heating	580	790	1050	1650	2210
Rated Current(A)	Cooling	2.8	3.8	5.0	7.0	9.6
	Heating	2.65	3.6	4.8	7.2	9.6
Performance						
EER(W/W)		3.28	3.21	3.21	3.22	3.22
COP(W/W)		3.62	3.61	3.62	3.64	3.53
Noise dB(A)	Indoor(Lo/Mid/Hi)	28/31/34	34/37/40	34/37/40	37/40/43	43/46/50
	Outdoor	49	49	49	56	58
Air Flow Volume(m³/h)		300/350/400	320/400/450	380/450/500	650/700/850	880/980/1100
Dehumidifying(l/h)		0.7	0.8	1.2	2.4	2.30
Dimension & Weight						
Unit Dimension WxHxD(mm)	Indoor	800*290*196	800*290*196	800*290*196	860*292*205	1080*330*220
	Outdoor	600*480*250	600*480*250	700*540*255	910*690*370	845*680*310
Packing Dimension WxHxD(mm)	Indoor	870*365*280	870*365*280	870*365*280	930*365*280	1180*425*300
	Outdoor	705*535*330	705*535*330	800*620*375	1010*765*430	1010*765*430
Net Weight(Kg)	Indoor	10	10	10	12	15
	Outdoor	26	26	30	50	60
Gross Weight(Kg)	Indoor	11.5	11.5	11.5	14	20
	Outdoor	29	29	33.5	55	65
Installation & Loading						
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")	12.70(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		141/298/338	141/298/338	103/220/254	70/144/162	60/128/143

Remark: The above designs and specifications might be changed without prior notice for product improvement.

SPECIFICATIONS — R410A — Dc Inverter Multi — R410A — Multi

Model		AUS-09×2H53R220L2(D)	AUS-09+12H53R220L2(D)	AUS-12×2H53R330L2(D)	AUS-09×2H53R220L2	AUS-09+12H53R230L2	AUS-12×2H53R230L2
Capacity							
BTU/h	Cooling	9700+9700	9700+12500	12500+12500	9700+9700	9700+12500	12500+12500
	Heating	9750+9750	9750+13000	13000+13000	9750+9750	9750+13000	13000+13000
W	Cooling	5150(2300~6000)	6020(2300~6300)	7000(2300~7500)	2700+2700	2850+3520	3750+3750
	Heating	6300(2300~7300)	6750(2300~7300)	7700(2300~8200)	2910+2910	2900+3810	4000+4000
Electrical							
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	1680(580~2540)	2000(580~2540)	2180(580~2700)	840+840	880+1100	1225+1225
	Heating	1840(520~2540)	2100(520~2540)	2390(520~2700)	805+805	900+1350	1275+1275
Rated Current(A)	Cooling	7.3(2.7~10.9)	9.0(2.7~10.9)	9.8(2.7~12.1)	3.7+3.7	3.9+5.4	5.4+5.4
	Heating	8.2(2.4~11.6)	9.4(2.4~11.6)	10.7(2.4~12.1)	3.8+3.8	3.8+6.4	5.6+5.6
Performance							
EER(W/W)		3.21(2.7~4.0)	3.01(2.7~4.0)	3.21(2.8~4.0)	3.21	3.21	3.06
COP(W/W)		3.42(2.9~4.8)	3.21(2.9~4.8)	3.22(3.0~4.8)	3.61	3.01	3.13
Noise dB(A)	Indoor(Lo/Mid/Hi)	32/35/38	32/35/38, 34/37/40	34/37/40	32/35/38	32/35/38, 34/37/40	34/37/40
	Outdoor	57	57	60	57	58	59
Air Flow Volume(m³/h)		320/400/450	320/400/450, 380/450/500	380/450/500	320/400/450	320/400/450, 380/450/500	380/450/500
Dehumidifying(l/h)		0.8+0.8	0.8+1.2	1.2+1.2	0.8	0.8+1.2	1.6
Dimension & Weight							
Unit Dimension WxHxD(mm)	Indoor	800*290*196	800*290*196	800*290*196	800*290*196	800*290*196	800*290*196
	Outdoor	813*680*310	813*680*310	880*790*360	813*680*310	845*680*310	845*680*310
Packing Dimension WxHxD(mm)	Indoor	870*365*280	870*365*280	870*365*280	870*365*280	870*365*280	870*365*280
	Outdoor	1010*765*430	1010*765*430	1030*890*480	1010*765*430	1010*765*430	1010*765*430
Net Weight(Kg)	Indoor	10+10	10+10	10+10	10	10	10
	Outdoor	50	50	70	56	56	62
Gross Weight(Kg)	Indoor	11.5+11.5	11.5+11.5	11.5+11.5	11.5	11.5	11.5
	Outdoor	55	55	80	61	61	67
Installation & Loading							
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Gas	9.52(3/8")	9.52(3/8")+12.70(1/2")	12.70(1/2")	9.52(3/8")	9.52(3/8")/12.70(1/2")	12.70(1/2")
20'/40'/40'HQ(set)		58/120/137	58/120/137	44/92/113	58/120/137	58/120/137	58/120/137

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SPECIFICATIONS — R22

Model		AUS-07H53F010L2(7)	AUS-09H53F010L2(b7)	AUS-12H53F150L2(a7)	AUS-18H53F120D2(a7)	AUS-24H53F230GS(7)
Capacity						
BTU/h	Cooling	7000	9000	12000	18000	24000
	Heating	7000	9300	12200	19600	24000
W	Cooling	2000	2500	3200	4800	6000
	Heating	2000	2600	3350	5300	6350
Electrical						
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	780	980	1300	2020	2200
	Heating	670	920	1250	1880	2100
Rated Current(A)	Cooling	3.57	4.5	5.9	8.8	9.5
	Heating	3.07	4.2	5.7	8.5	9.5
Performance						
EER(W/W)		2.56	2.55	2.46	2.38	2.60
COP(W/W)		3	2.83	2.68	2.82	2.60
Noise dB(A)	Indoor(Lo/Mid/Hi)	28/30/32	34/35/38	34/37/40	37/40/43	43/46/50
	Outdoor	49	49	50	56	58
Air Flow Volume(m³/h)		240/280/320	320/400/450	380/450/500	650/700/850	880/980/1100
Dehumidifying(l/h)		0.6	0.8	1.2	1.8	2.8
Dimension & Weight						
Unit Dimension WxHxD(mm)	Indoor	800*290*196	800*290*196	800*290*196	860*292*205	1080*330*220
	Outdoor	600*480*250	600*480*250	700*540*255	770*520*280	845*680*310
Packing Dimension WxHxD(mm)	Indoor	870*365*280	870*365*280	870*365*280	930*365*280	1180*425*300
	Outdoor	705*535*330	705*535*330	800*620*375	910*620*380	1010*765*430
Net Weight(Kg)	Indoor	10	10	10	12	15
	Outdoor	26	26	30	41	60
Gross Weight(Kg)	Indoor	11.5	11.5	11.5	14	20
	Outdoor	29	29	33.5	44.5	65
Installation & Loading						
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")	12.70(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		141/298/338	141/298/338	103/220/254	92/196/222	60/128/143

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SMART Wall Mounted Type

R410A
- AUS-09H53R010H11(b5)
- AUS-12H53R150H11(a5)
- AUS-18H53R120D11(a6)
- AUS-24H53R230G11(a5)

R22
- AUS-07H53F010H11(7)
- AUS-09H53F010H11(b7)
- AUS-12H53F150H11(a7)
- AUS-18H53F120D11(a6)
- AUS-24H53F230G11(a5)

Features

Standard

Optional

SPECIFICATIONS — R410A

Model		AUS-09H53R010H11(b5)	AUS-12H53R150H11(a5)	AUS-18H53R120D11(a6)	AUS-24H53R230G11(a5)
Capacity					
BTU/h	Cooling	9000	12100	17750	23000
	Heating	9550	13300	20300	26600
W	Cooling	2500	3550	5100	7000
	Heating	2800	3900	5800	7300
Electrical					
Power Supply (V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	825	1100	1688	2320
	Heating	820	1210	1800	2400
Rated Current(A)	Cooling	3.6	5	7.7	10.0
	Heating	3.6	5.5	8.2	10.4
Performance					
EER(W/W)		3.03	3.23	3.02	3.02
COP(W/W)		3.41	3.22	3.22	3.04
Noise dB(A)	Indoor(Lo/Mid/Hi)	34/37/39	36.4/39.9/41.6	37/40/43	43/46/50
	Outdoor	49	52	54	58
Air Flow Volume(m³/h)		300/370/400	380/410/450	650/700/850	880/980/1100
Dehumidifying(l/h)		0.8	1.2	2.2	3
Dimension & Weight					
Unit Dimension WxHxD(mm)	Indoor	707*250*202	707*250*202	860*292*205	1080*330*220
	Outdoor	600*480*250	700*540*255	770*520*280	845*680*310
Packing Dimension WxHxD(mm)	Indoor	780*315*270	780*315*270	930*365*280	1180*425*300
	Outdoor	705*535*330	800*620*375	910*620*380	1010*765*430
Net Weight(Kg)	Indoor	8	8	12	15
	Outdoor	26	30	41	60
Gross Weight(Kg)	Indoor	9.5	9.5	14	20
	Outdoor	29	33.5	44.5	65
Installation & Loading					
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	9.52(3/8")	12.70(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		164/341/380	110/236/280	92/196/222	60/128/143

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SPECIFICATIONS — R22

Model		AUS-07H53F010H11(7)	AUS-09H53F010H11(b7)	AUS-12H53F150H11(a7)	AUS-18H53F120D11(a6)	AUS-24H53F230G11(a5)
Capacity						
BTU/h	Cooling	7000	9000	12000	18000	24000
	Heating	7000	9400	12200	19800	24000
W	Cooling	2000	2500	3200	4800	6500
	Heating	2000	2600	3350	5600	7000
Electrical						
Power Supply (V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	780	980	1300	1980	2300
	Heating	670	920	1250	1920	2480
Rated Current(A)	Cooling	3.57	4.5	5.9	8.6	10
	Heating	3.07	4.2	5.7	8.3	10.8
Performance						
EER(W/W)		2.56	2.55	2.46	2.42	2.83
COP(W/W)		3	2.83	2.68	3.02	2.82
Noise dB(A)	Indoor(Lo/Mid/Hi)	28/32/34	34/37/39	34/37/40	37/40/43	43/46/50
	Outdoor	48	49	50	56	58
Air Flow Volume(m³/h)		240/280/320	300/370/420	380/410/450	650/700/850	880/980/1100
Dehumidifying(l/h)		0.7	0.8	1.2	2.2	3
Dimension & Weight						
Unit Dimension WxHxD(mm)	Indoor	707*250*202	707*250*202	707*250*202	860*292*205	1080*330*220
	Outdoor	600*480*250	600*480*250	700*540*255	770*520*280	845*680*310
Packing Dimension WxHxD(mm)	Indoor	780*315*270	780*315*270	780*315*270	930*365*280	1180*425*300
	Outdoor	705*535*330	705*535*330	800*620*375	910*620*380	1010*765*430
Net Weight(Kg)	Indoor	8	8	8	12	15
	Outdoor	26	26	30	41	60
Gross Weight(Kg)	Indoor	9.5	9.5	9.5	14	20
	Outdoor	29	29	33.5	44.5	65
Installation & Loading						
External Piping(mm,inch)	Liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas	9.52(3/8")	9.52(3/8")	12.7(1/2")	12.7(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		164/341/380	164/341/380	110/236/280	92/196/222	60/128/143

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Galanz
AIR CONDITIONER

Window Type
Portable Type
Floor Standing Type

B/C Window Type

A Portable

D Portable

A/B Floor Standing

B/D Floor Standing

B/C Window Type

AW-05CR53FB1(8)
AW-07CR53FC1(8)
AW-09CR53FC1(a8)
AW-12CR53FC1(b8)

A Portable Type

R410A

AM-09E53RA1(b)
AM-12E53RA1(a)
AM-09C53RA1(b)
AM-12C53RA1(a)

SPECIFICATIONS R22

Model		AW-05CR53FB1(8)	AW-07CR53FC1(8)	AW-09CR53FC1(a8)	AW-12CR53FC1(b8)
Capacity					
BTU/h	Cooling	5000	7000	9000	12000
	Heating	\	\	\	\
W	Cooling	1500	2000	2500	3300
	Heating	\	\	\	\
Electrical					
Power Supply(V,Hz,Ph)		230V-50Hz	230V-50Hz	230V-50Hz	230V-50Hz
Rated Input(W)	Cooling	680	862	985	1400
	Heating	\	\	\	\
Rated Current(A)	Cooling	3.4	3.84	4.32	6.41
	Heating	\	\	\	\
Performance					
EER(W/W)		2.21	2.32	2.54	2.35
COP(W/W)		\	\	\	\
Noise dB(A)	Indoor(Lo/Mid/Hi)	49/51/54	51/53/55	53/55/57	56/59/61
	Outdoor	52/54/57	58/60/62	60/62/64	62/65/67
Air Flow Volume(m3/h)		203/242/281	239/280/320	256/302/360	300/380/480
Dehumidifying(l/h)		0.5	0.81	0.88	1.2
Dimension & Weight					
Unit Dimension W*H*D(mm)		415*320*470	370*482*565	370*482*565	370*482*565
Packing Dimension W*H*D(mm)		475*380*520	640*635*440	640*635*440	640*635*440
Net Weight(Kg)		23	32	33	35
Gross Weight(Kg)		25	35	36	38
Installation & Loading					
External Piping(mm,inch)	Liquid	9.52	9.52	9.52	12.7
	Gas	6.35	7.94	7.94	7.94
20'/40'/40'HQ(set)		228/600/700	185/385/460	185/385/460	185/385/460

Remark: The above designs and specifications might be changed without prior notice. for product improvement.

SPECIFICATIONS R410A

Model		AM-09E53RA1(b)	AM-12E53RA1(a)	AM-09C53RA1(b)	AM-12C53RA1(a)
Capacity					
BTU/h	Cooling	9000	12000	9000	12000
	Heating	5400	5400	\	\
W	Cooling	2500	3200	2500	3200
	Heating	1500	1500	\	\
Electrical					
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	900	1200	900	1200
	Heating	1550	1550	\	\
Rated Current(A)	Cooling	4	5.4	4	5.4
	Heating	7.2	7.2	\	\
Performance					
EER(W/W)		2.78	2.67	2.78	2.67
COP(W/W)		\	\	\	\
Noise dB(A)	Indoor	55	56	55	56
	Outdoor	\	\	\	\
Air Flow Volume(m³/h)		400	450	400	450
Dehumidifying(l/h)		2	2.6	2	2.6
Dimension & Weight					
Unit Dimension WxHxD(mm)	Indoor	388*770*605	388*770*605	388*770*605	388*770*605
	Outdoor	\	\	\	\
Packing Dimension WxHxD(mm)	Indoor	430*830*730	430*830*730	430*830*730	430*830*730
	Outdoor	\	\	\	\
Net Weight(Kg)	Indoor	36.5	40	35.5	39
	Outdoor	\	\	\	\
Gross Weight(Kg)	Indoor	41	44.5	40	43.5
	Outdoor	\	\	\	\
Installation & Loading					
20'/40'/40'HQ(set)		84/174/261	84/174/261	84/174/261	84/174/261

Remark: The above designs and specifications might be changed without prior notice. for product improvement.

D Portable Type

R410A

AM-07E53RD1
AM-09E53RD1(b)
AM-07C53RD1
AM-09C53RD1(b)

A/B Floor Standing Type

R22

AUF-18H53F120A3(e6)
AUF-24H53F330B5(e5)

18K   24K

SPECIFICATIONS R410A

Model		AM-07E53RD1	AM-09E53RD1(b)	AM-07C53RD1	AM-09C53RD1(b)
Capacity					
BTU/h	Cooling	7000	9000	7000	9000
	Heating	4900	4900	\	\
W	Cooling	2000	2500	2000	2500
	Heating	1400	1400	\	\
Electrical					
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	830	950	830	950
	Heating	1500	1500	\	\
Rated Current(A)	Cooling	3.6	4.1	3.6	4.1
	Heating	6.5	6.5	\	\
Performance					
EER(W/W)		2.41	2.41	2.41	2.41
COP(W/W)		\	\	\	\
Noise dB(A)	Indoor	53	53	53	53
	Outdoor	\	\	\	\
Air Flow Volume(m³/h)		340	340	340	340
Dehumidifying(l/h)		1	1.2	1	1.2
Dimension & Weight					
Unit Dimension WxHxD(mm)	Indoor	470*635*470	470*635*470	470*635*470	470*635*470
	Outdoor	\	\	\	\
Packing Dimension WxHxD(mm)	Indoor	650*670*510	650*670*510	650*670*510	650*670*510
	Outdoor	\	\	\	\
Net Weight(Kg)	Indoor	33	34	32	33
	Outdoor	\	\	\	\
Gross Weight(Kg)	Indoor	36	37	35	36
	Outdoor	\	\	\	\
Installation & Loading					
20'/40'/40'HQ(set)		120\246\328	120\246\328	120\246\328	120\246\328

Remark: The above designs and specifications might be changed without prior notice for product improvement.

SPECIFICATIONS R22

Model		AUF-18H53F120A3(e6)	AUF-24H53F330B5(e5)
Capacity			
BTU/h	Cooling	18000	24000
	Heating	19100	26290
W	Cooling	5100	7000
	Heating	5610	7700
Electrical			
Power Supply(V,Hz,Ph)		220-240,50,1	220-240,50,1
Rated Input(W)	Cooling	1980	2675
	Heating	2175	2910
Rated Current(A)	Cooling	9.2	13
	Heating	10	14
Performance			
EER(W/W)		2.58	2.65
COP(W/W)		2.58	2.65
Noise dB(A)	Indoor	48	48
	Outdoor	57	57
Air Flow Volume(m³/h)		750	1000
Dehumidifying(l/h)		2.4	3.3
Dimension & Weight			
Unit Dimension WxHxD(mm)	Indoor	1592*520*327	1744*539*323
	Outdoor	520*770*280	880*790*360
Packing Dimension WxHxD(mm)	Indoor	1715*820*405	1865*640*400
	Outdoor	910*620*380	1030*890*480
Net Weight(Kg)	Indoor	38	40
	Outdoor	41	68
Gross Weight(Kg)	Indoor	46	49
	Outdoor	44.5	78
Installation & Loading			
External Piping(mm,inch)	Liquid	6.35(1/4")	9.52(3/8")
	Gas	12.7(1/2")	15.88(5/8")
20'/40'/40'HQ(set)		41/87/99	26/61/74

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B/D Floor Standing Type

R410A R407C

AUF-48H58R520D4
AUF-41H58C510D4

R22

AUF-18H53F120B1(b6)
AUF-24H53F330B1(e5)
AUF-41H58F520D4

SPECIFICATIONS R410A R407C

Model		AUF-48H58R520D4	AUF-41H58C510D4
Capacity			
BTU/h	Cooling	48000	41000
	Heating	53000	49000
W	Cooling	14000	12000
	Heating	15400	14000
Electrical			
Power Supply(V,Hz,Ph)		380,50,3	380,50,3
Rated Input(W)	Cooling	4800	4800
	Heating	5100	5250
Rated Current(A)	Cooling	8.5	8.3
	Heating	9.7	13.7
Performance			
EER(W/W)		2.85	2.50
COP(W/W)		3.01	2.67
Noise dB(A)	Indoor	52	52
	Outdoor	62	62
Air Flow Volume(m³/h)		1900	1900
Dehumidifying(l/h)		4.8	4.8
Dimension & Weight			
Unit Dimension WxHxD(mm)	Indoor	1900*605*330	1900*605*330
	Outdoor	970*928*345	1260*973*410
Packing Dimension WxHxD(mm)	Indoor	2040*770*445	2040*770*445
	Outdoor	1095*1070*470	1390*1065*435
Net Weight(Kg)	Indoor	60	60
	Outdoor	85	110
Gross Weight(Kg)	Indoor	73	73
	Outdoor	97	122
Installation & Loading			
External Piping(mm,inch)	Liquid	9.52(3/8")	9.52(3/8")
	Gas	19(3/4")	19(3/4")
20'/40'/40'HQ(set)		22/45/53	18/41/41

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SPECIFICATIONS R22

Model		AUF-18H53F120B1(b6)	AUF-24H53F330B1(e5)	AUF-41H58F520D4
Capacity				
BTU/h	Cooling	18000	24000	41000
	Heating	19000	26500	46000
W	Cooling	5000	7000	12000
	Heating	5500	7700	13500
Electrical				
Power Supply(V,Hz,Ph)		220-240V/50HZ	220-240V/50HZ	380V/50HZ
Rated Input(W)	Cooling	1915	2675	4800
	Heating	1960	2910	4800
Rated Current(A)	Cooling	8.8	13	8.3
	Heating	9	14	9.7
Performance				
EER(W/W)		2.61	2.65	2.50
COP(W/W)		2.8	2.65	2.81
Noise dB(A)	Indoor	48	48	52
	Outdoor	57	57	62
Air Flow Volume(m³/h)		780	1000	1900
Dehumidifying(l/h)		2.4	3.3	4.8
Dimension & Weight				
Unit Dimension WxHxD(mm)	Indoor	1680*480*255	1744*539*323	1900*605*330
	Outdoor	770*520*280	880*790*360	970*928*345
Packing Dimension WxHxD(mm)	Indoor	1795*585*345	1865*640*400	2040*770*445
	Outdoor	910*630*380	1030*890*480	1095*470*1070
Net Weight(Kg)	Indoor	37	40	60
	Outdoor	41	68	85
Gross Weight(Kg)	Indoor	46	49	73
	Outdoor	44.5	78	97
Installation & Loading				
External Piping(mm,inch)	Liquid	6.35	9.52	9.52
	Gas	12.7	15.88	19
20'/40'/40'HQ(set)		49/107/116	28/61/74	22/45/53

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