Chunlan

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2011

Chunlan



RESIDENTIAL AIR CONDITIONERS

Chunlan Industries


Manufacturing


Real estate



Circulation industry


Investment


Energy industry


Service industry


Chunlan Industrial Park

As one of the largest enterprise groups in China, Chunlan (Group) corporation is a diversity, high-tech and internationalized modern company in manufacturing, research, investment and trade areas. Chunlan group has administered dozens independent subsidiaries, 18 of which are involved in manufacturing, and also boasts Chunlan Research Institute, Chunlan College, The Post-doctoral Work Station and National technology development center.

Chunlan industry covering manufacturing, circulation industry, investment, energy industry, service industry and real estate, the main products including residential air conditioners, commercial air conditioners, washing machines, compressors, dehumidifiers, high-energy power battery, mechanical engineering products.

As a "technology leader" enterprise, Chunlan group Undertake many scientific research projects of nation, not only leading the R&D of the Energy saving, environmentally friendly, intelligent, healthy home appliances in domestic market, and also promote the development of China's new energy industry. The high power batteries which had been Included in the national major science and technology, has been widely used in hybrid cars, electric cars, high-speed locomotives, energy storage power stations, intelligent robots, large ships, and other fields, and "the Key Technology of energy saving for hybrid bus "won the National Technology Progress Award; Chunlan high energy products of the lithium-ion battery, fuel cell which had made significant progress, has become industry; the leading edge technology products - human genome repair and height and depth radio wireless communication devices have access to the phasic breakthrough.

The first decade of the new century, chunlan promoted the "innovative matrix management", to comprehensive integrated and optimized the resources, accelerated the global prosecution, fulfilled the social responsibility, created the low-carbon and cyclic economy, build a friendly and harmonious enterprise, made a greater contribution to the "sound and fast " development of China's economy and various undertakings.

New realm, New Strategy, New development -- Chunlan is proudly moving forward to its ultimate strategic goal of becoming a world-famous diversified corporation.



SINCE 1973

Chunlan Air Conditioner Industry

The first set of Chunlan air conditioner was produced in 1973. It made Chunlan the largest professional history of air conditioner manufacturing in China and became the first listed company in domestic air conditioner industry.

Chunlan is devoted to the research and development of the core technology of air conditioner all the time. Rely on world-class air conditioner design, inspection and manufacturing equipment, the multiple performances of Chunlan air conditioner lead all the way in quiet design, reliability and comfortableness etc.

For the past 30 years, the total production of Chunlan air conditioner is more than 80,000,000 sets. Chunlan, most-admired company in China, is honored as "King of Chinese Air Conditioner", "Pioneer of Chinese Air Conditioner". World-famous Chunlan is the common choice for more than 100 countries and millions of people in the world.

80,000,000

Brief history of Chunlan Air Conditioner

1973 The first set of air conditioner was produced
1990 Chunlan air conditioner became the leader in Chinese air conditioner industry
1994 Chunlan air conditioner got the approval of ISO 9001 from American Stanardization Association
1995 Chunlan was awarded as " King of Air Conditioner" by Chinese government
1997 Chunlan led Chinese air conditioner industry to enter the eighth year
2000 Chunlan air conditioner created the highest reliability record of "no malfunction identified per 60,000 hours
2002 The noise level of Chunlan air conditioner was the best one during national inspection
2002 Chunlan was authorized as CE inspection lab in China
2008 The total production of Chunlan air conditioner breaks through 80,000,000
2009 Chunlan produced 4P Green DC Inverter Air Conditioner
2010 Chunlan was awarded "2010 Inverter Air Conditioning Technology Leadership"







Pretty Appearance

Simple acrylic molding

Flawless, be unique in beauty, elegant art appearance, three-dimensional silk-screen pattern.





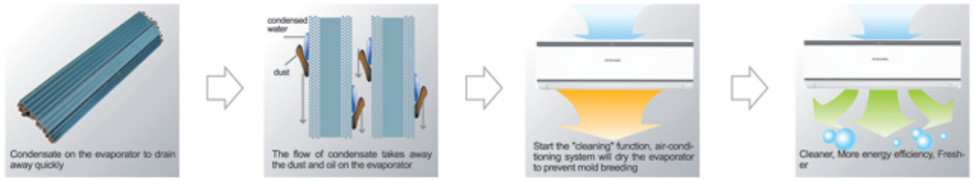


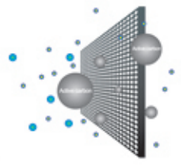


Healthy Concerns

Auto self-cleaning heat exchanger

One of the main reasons of odour emitting from a air conditioner is the dust and bacteria inserting on the evaporator. Auto self-cleaning function can clean the evaporator automatically and reduce the possibility of dust and bacteria inserting inside of the evaporator. Meanwhile, cleaning evaporator helps the air conditioner keep working efficiently.





Active carbon air purify

Active carbon air purifying technology well improves the air quality by absorbing the bacteria and dust floating in the air.



Negative ion keeps air fresh

It will make healthier and fresher indoor environment by negative ion generator.





Anti-bacteria & formaldehyde-removal by photocatalysis

Photocatalysis is functioned by deodorant, antibacterial, recycling effect under the light. It can effectively purify the air and keep it fresh. It is able to get rid of bacteria, formaldehyde and other injurant.

Comfortable Sensibility

Patent Super Silence Technology

Sound-Improve Technology

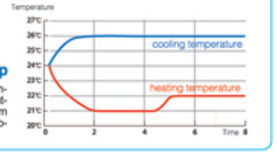
Quiet Mode

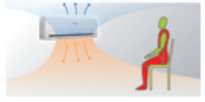




Sound sleep

In sleep mode, the set temperature will be increased in cool mode and decreased in heating mode. Sleep function can keep the room temperature in certain level and protect people from getting cold.





Intelligent air direction

When cooling, cool air is directed across the room and then sinks. When heating, warm air is directed to the floor and then rises.



Multi-dimensional air circulation

Multi-dimensional air circulation is able to deliver the air horizontally and vertically.

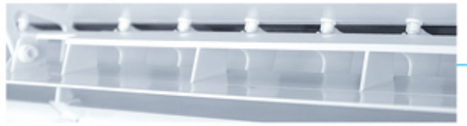


Anti cool air function

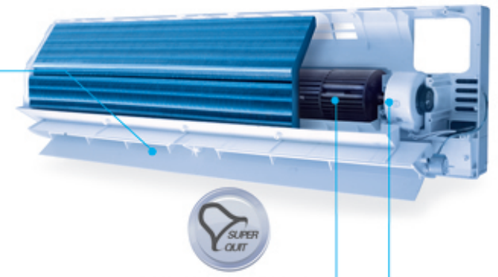
When heating in winter, intelligent anti cool air function is started. The air conditioner only blows air inside the unit is preheated to prevent cool air from blowing out.

Advanced Technology

Optimal Design of Outlet



More effective to reduce the ventilation system noise according to optimal the design of outlet.



Patent Super Silence Technology

Optimization of The Fan Leaf



The fan leaf shape design have been optimized in accordance with the partial pressure changes in sound propagating, the wind is more gentle, smooth, and lower noise.

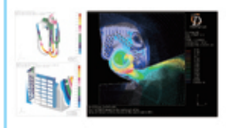
High Efficiency Silent Motor

More quiet operation sound field, significantlyreduce the noise.



Class A energy level

With a lot of exclusive science and technology, such as new energy-saving technology, full energy recovery fresh air exchanger technology, finite element analysis techniques, air flow, cooling system simulation analysis technology, Chunlan air conditioner has reached the energy level Class A, which improves the energy efficiency and lowers the cost.

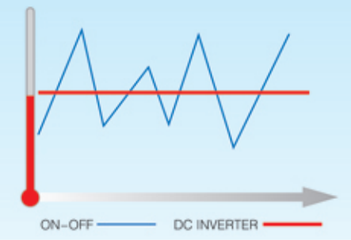


Finite element analysis technology

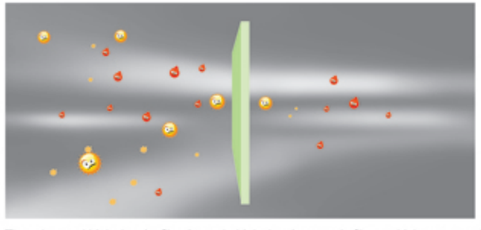
The finite element analysis technology is used in new product design, and existing product refinement. Usually, this technology is used for aircraft manufacturing and other highly sophisticated products.

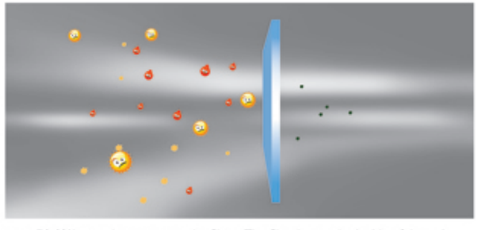
Feel comfortable because of low frequency, ultra-precise temperature control

DC inverter is with high precise temperature control. When the room temperature reaches the setting value, the compressor keeps working at low speed to keep the consistent room temperature.



Excellent Quality





The advanced high-density filter is made high-density organic fibres,which removes dust up to78.6%better than most regular filters.The filter keeps the inside of the unit cleaner-and than translates into cleaner air.



Brand name and high efficiency compressor

Chunlan not only uses brand name and high efficiency compressor, but also focuses on advanced technology and every specific detail to pursue the perfect quality. Chunlan creates an extraordinary standard of a trouble-free operation for an average of 60000 hours.



W-shape high quality internal threaded copper pipe

Chunlan, who always selects good parts, adapts W-shape high quality internal threaded copper pipes for each set of air conditioner, which can further improve the efficiency of heat exchange.



Multi-stage evaporator

The heat exchange system with multi-stage evaporator, has a unique hydrophilic membrane coating, which can highly enhance the heat exchange surface area and efficiency to make efficient heating and save energy.

Remote Control



How to read the model (residential)

C □□□-□□□-□□/□

Product Series

Power Code

Omit Other Power Supply **T** 3 Phase
60 60Hz

Refrigerant

Omit R22 **C** R407c
A R410a

Inverter Type

Omit Constant Speed **B** DC Inverter

Function Code

Omit Cooling Only **H** Heat Pump
D Cooling & Electric Heater
E Heating Pump with Auxiliary Electric Heater

Capacity

Cooling/Heating Capacity(x1000Btu/h)

Connection Type

Omit Single Type **M** Multi Type

Product Type

W Window **P** Portable **C** Cassette
F Floor Standing **S** Split Wall-mounted

Climate Type

Omit T1 **2** T2 **3** T3

Chunlan



Wall Split Air Conditioners



A



B

Features



Simple acrylic molding

Black/Silver transparent mirror acrylic molding well matches your room with a simple style and aesthetic feeling.

LED backlight

LED backlight conveys power and intelligence.





Cooling/Heating backlight switch

LED light has two colors while red indicates heating and blue indicates cooling, which helps to adjust your mood during the switch of cooling and heating.



ABS surface polishing technology

ABS surface polishing process improves the quality impression.

Performance		Model	CS-09H/D2	CS-12H/D2
Refrigerant			R22	R22
Cooling Capacity		Btu/h	9000	12000
Heating Capacity		Btu/h	9400	13200
Power supply		Ph, V~, Hz	1, 220, 50	1, 220, 50
Rated Cooling Power Input		W	725	1020
Rated Heating Power Input		W	795	1130
Rated Cooling Operating Current		A	3.4	4.7
Rated Heating Operating Current		A	3.7	5.2
Air Flow Volume(indoor)		m^3/h	435	600
Noise Level	(dB(A))	Indoor	33	36
		Outdoor	48	49
Net Dimensions	W×D×H	Inside (mm)	820×190×274	900×190×283
		Outside (mm)	760×259×537	850×310×596
Net Weight	(kg)	Indoor/Outdoor	10.2/32	12/39
Packing Dimensions	W×D×H	Indoor (mm)	935×275×375	1020×280×380
		Outdoor (mm)	896×344×590	986×385×676
Gross Weight	(kg)	Indoor/Outdoor	12.5/37	13.6/44
Pipe Size	(inch)	Liquid	1/4"	1/4"
		Gas	3/8"	1/2"
Applicable Area		m^2	12-17	16-25
Loading Quantity	(set)	20'/40'/40'HQ	107/224/250	77/170/190

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- The applicable area of the air conditioner is according to the orientation, airtight, floor, height of the room, also the size and number of the windows and doors, thus the applicable area date in the list just for reference.



A



B

Features



Simple acrylic molding

Gold / Silver transparent mirror acrylic molding well matches your room with a simple style and aesthetic feeling.

LED backlight

LED backlight conveys power and intelligence.





Bosomed LED Display

Color LED display shows the air conditioner running status



ABS surface polishing technology

ABS surface polishing process improves the quality impression.

Performance \ Model		CS-09H/D3	CS-12H/D3
Refrigerant		R22	R22
Cooling Capacity	Btu/h	9000	12000
Heating Capacity	Btu/h	9400	13200
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	725	1020
Rated Heating Power Input	W	795	1130
Rated Cooling Operating Current	A	3.4	4.7
Rated Heating Operating Current	A	3.7	5.2
Air Flow Volume(indoor)	m^3/h	435	600
Noise Level (dB(A))	Indoor	33	36
	Outdoor	48	49
Net Dimensions W×D×H	Inside (mm)	820×190×274	900×190×283
	Outside (mm)	760×259×537	850×310×596
Net Weight (kg)	Indoor/Outdoor	10.2/32	12/39
Packing Dimensions W×D×H	Indoor (mm)	935×275×375	1020×280×380
	Outdoor (mm)	896×344×590	986×385×676
Gross Weight (kg)	Indoor/Outdoor	12.5/37	13.6/44
Pipe Size (inch)	Liquid	1/4"	1/4"
	Gas	3/8"	1/2"
Applicable Area	m^2	12-17	16-25
Loading Quantity (set)	20'/40'/40'HQ	107/224/250	78/172/192

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A



B

Features



Wide Voltage Start



Patent Super Silence Technology



Controllable Accessorial Electric Heating(Operation)



Strong Independent Dehumidification



Anti Cool Air Function



Sipeep Mode



24 Hour Timer



Four Speed Air Outlet



Multi-stage evaporator



Independent Digital Display Button



Independent ventilation button



Backlight Remote Control



Inteligent Defrost



Wide Climate Design

Simple acrylic molding

Gold / Silver transparent mirror acrylic molding well matches your room with a simple style and aesthetic feeling.

LED backlight

LED backlight conveys power and intelligence.





Bosomed LED Display

Color LED display shows the air conditioner running status



ABS surface polishing technology

ABS surface polishing process improves the quality impression.

Performance / Model		CS-09H/D4	CS-12H/D4
Refrigerant		R22	R22
Cooling Capacity	Btu/h	9000	12000
Heating Capacity	Btu/h	9400	13200
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	725	1020
Rated Heating Power Input	W	795	1130
Rated Cooling Operating Current	A	3.4	4.7
Rated Heating Operating Current	A	3.7	5.2
Air Flow Volume(indoor)	m^3/h	435	600
Noise Level (dB(A))	Indoor	33	36
	Outdoor	48	49
Net Dimensions W×D×H	Inside (mm)	820×190×274	900×190×283
	Outside (mm)	760×259×537	850×310×596
Net Weight (kg)	Indoor/Outdoor	10.2/32	12/39
Packing Dimensions W×D×H	Indoor (mm)	935×275×375	1020×280×380
	Outdoor (mm)	896×344×590	986×385×676
Gross Weight (kg)	Indoor/Outdoor	12.5/37	13.6/44
Pipe Size (inch)	Liquid	1/4"	1/4"
	Gas	3/8"	1/2"
Applicable Area	m^2	12-17	16-25
Loading Quantity (set)	20'/40'/40'HQ	107/224/250	78/172192

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A



B

Features



Advanced and original 4p intelligent control technology.

Chunlan PAM180°vector full DC inverter control technology can accurately detect the location of the compressor rotor, which make the compressor working current fit to the sine wave; enhance the efficiency of the compressor operation; control preciously the compressor's running to reduce the wear and run more smoothly. It will be not only energy saving, but long service life and quiet.





R410A refrigerant, environment friendly and energy saving

The widely used R410a refrigerant can not only protect the environment but also inprove the energy efficiency of air conditioners.



Three-dimensional printing

Performance \ Model		CS-09HBA/D1	CS-12HBA/D1	CS-09HA/D1	CS-12HA/D1
Refrigerant		R410a	R410a	R410a	R410a
Cooling Capacity	Btu/h	9000	12000	9000	12000
Heating Capacity	Btu/h	9600	13300	9400	13200
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	590	870	725	1020
Rated Heating Power Input	W	750	1250	795	1130
Rated Cooling Operating Current	A	3.0	3.9	3.4	4.7
Rated Heating Operating Current	A	4.0	5.7	3.7	5.2
Air Flow Volume(indoor)	m^3/h	440	560	435	540
Noise Level (dB(A))	Indoor	36	38	33	35
	Outdoor	50	51	48	49
Net Dimensions W×D×H	Inside (mm)	820×190×274	870×190×283	820×190×274	870×190×283
	Outside (mm)	760×259×537	850×310×596	760×259×537	850×310×596
Net Weight (kg)	Indoor/Outdoor	10.2/32	11.6/40	10.2/32	11.6/39
Packing Dimensions W×D×H	Indoor (mm)	935×275×375	990×280×380	935×275×375	990×280×380
	Outdoor (mm)	896×344×586	986×385×676	896×344×590	986×385×676
Gross Weight (kg)	Indoor/Outdoor	12.5/37	13.2/46	12.5/37	13.2/44
Pipe Size (inch)	Liquid	1/4"	1/4"	1/4"	1/4"
	Gas	3/8"	1/2"	3/8"	1/2"
Applicable Area	m^2	12-17	16-25	12-17	16-25
Loading Quantity (set)	20'/40'/40'HQ	107/224/250	78/172/192	107/224/250	78/172/192

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A



B



C

Features



High efficiency DC inverter compressor

Permanent-magnet DC inverter compressor realizes the infinitely variable speed transmission, which enables low energy consumption and high efficiency.





R410A refrigerant, environment friendly and energy saving

The widely used R410a refrigerant can not only protect the environment but also improve the energy efficiency of air conditioners.

Special motors, High efficiency

Indoor and outdoor units all use special high efficiency motors, which are small, light, low noise, powerful and saving energy.





Vector controlled chip

As the brain of air conditioners, the vector controlled chips will decide the performance of air conditioners. Chunlan has developed the new vector controlled chips by cooperating with Fujitsu, which can ensure the stability and reliability of the air conditioner operating.

Performance / Model		CS-09HBA/E1	CS-12HBA/E1
Refrigerant		R410a	R410a
Cooling Capacity	Btu/h	9000	12000
Heating Capacity	Btu/h	9600	13300
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	870	1240
Rated Heating Power Input	W	850	1200
Rated Cooling Operating Current	A	4.6	6.6
Rated Heating Operating Current	A	4.5	6.4
Air Flow Volume(indoor)	m^3/h	440	540
Noise Level (dB(A))	Indoor	36	38
	Outdoor	50	51
Net Dimensions W×D×H	Inside (mm)	820×190×274	820×190×274
	Outside (mm)	760×259×537	760×259×537
Net Weight (kg)	Indoor/Outdoor	9.1/29	9.3/32
Packing Dimensions W×D×H	Indoor (mm)	935×275×375	935×275×375
	Outdoor (mm)	896×344×586	896×344×586
Gross Weight (kg)	Indoor/Outdoor	11.4/34	11.6/37
Pipe Size (inch)	Liquid	1/4"	1/4"
	Gas	3/8"	1/2"
Applicable Area	m^2	12-17	16-25
Loading Quantity (set)	20'/40'/40'HQ	107/224/250	107/224/250

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CS-09H/C2 CS-12H/C2



CS-09H/C3 CS-12H/C3

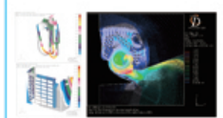
Features



Class A energy level

With a lot of exclusive science and technology, such as new energy-saving technology, full energy recovery fresh air exchanger technology, finite element analysis techniques, air flow, cooling system simulation analysis technology, Chunlan air conditioner has reached the energy level Class A, which improves the energy efficiency and lowers the cost.

Finite element analysis technology



The finite element analysis technology is used in new product design, and existing product refinement. Usually, this technology is used for aircraft manufacturing and other highly sophisticated products.

Brand name and high efficiency compressor



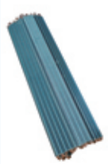
Chunlan not only uses brand name and high efficiency compressor, but also focuses on advanced technology and every specific detail to pursue the perfect quality. Chunlan creates an extraordinary standard of a trouble-free operation for an average of 60000 hours.

W-shape high quality internal threaded copper pipe



Chunlan, who always selects good parts, adapts W-shape high quality internal threaded copper pipes for each set of air conditioner, which can further improve the efficiency of heat exchange.

Multi-stage evaporator



The heat exchange system with multi-stage evaporator, has a unique hydrophilic membrane coating, which can highly enhance the heat exchange surface area and efficiency to make efficient heating and save energy.

Performance \ Model		CS-09H/C2	CS-12H/C2	CS-09H/C3	CS-12H/C3
Refrigerant		R22	R22	R22	R22
Cooling Capacity	Btu/h	9000	12000	9000	12000
Heating Capacity	Btu/h	9400	13200	9400	13200
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	725	1020	725	1020
Rated Heating Power Input	W	795	1130	795	1130
Rated Cooling Operating Current	A	3.4	4.7	3.4	4.7
Rated Heating Operating Current	A	3.7	5.2	3.7	5.2
Air Flow Volume(indoor)	m^3/h	500	640	500	640
Noise Level (dB(A))	Indoor	38	42	38	42
	Outdoor	50	51	50	51
Net Dimensions W×D×H	Inside (mm)	780×201×274	860×201×274	780×201×274	860×201×274
	Outside (mm)	760×259×537	760×259×663	760×259×537	760×259×663
Net Weight (kg)	Indoor/Outdoor	9.3/30	10.9/34	9.3/30	10.9/34
Packing Dimensions W×D×H	Indoor (mm)	850×280×355	930×280×355	905×285×360	985×285×360
	Outdoor (mm)	896×344×586	896×344×712	896×344×586	896×344×712
Gross Weight (kg)	Indoor/Outdoor	12.1/34	13.6/39	12.1/34	13.6/39
Pipe Size (inch)	Liquid	1/4"	1/4"	1/4"	1/4"
	Gas	3/8"	1/2"	3/8"	1/2"
Applicable Area	m^2	12-17	16-25	12-17	16-25
Loading Quantity (set)	20'/40'/40'HQ	96/204/250	86/180/202	96/204/250	86/180/202

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A



B1



B2



C

Performance \ Model		CS-09/B	CS-09H/B	CS-09-60/B	CS-09H-60/B	CS-09HA/B
Refrigerant		R22	R22	R22	R22	R410a
Cooling Capacity	Btu/h	9000	9000	9000	9000	9000
Heating Capacity	Btu/h		9300		9300	9300
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 60	1, 220, 60	1, 220, 50
Rated Cooling Power Input	W	930	930	930	930	900
Rated Heating Power Input	W		890		890	850
Rated Cooling Operating Current	A	4.0	4.0	4.0	4.0	4.2
Rated Heating Operating Current	A		3.9		3.9	3.9
Air Flow Volume(indoor)	m^3/h	435	435	435	435	435
Noise Level (dB(A))	Indoor	37	37	37	37	37
	Outdoor	49	49	49	49	49
Net Dimensions W×D×H	Inside (mm)	677×198×250	677×198×250	677×198×250	677×198×250	677×198×250
	Outside (mm)	650×250×506	650×250×506	650×250×506	650×250×506	650×250×506
Net Weight (kg)	Indoor/Outdoor	7/25.5	7/25.5	7/25.5	7/25.5	7/25.5
Packing Dimensions W×D×H	Indoor (mm)	745×271×330	745×271×330	745×271×330	745×271×330	745×271×330
	Outdoor (mm)	790×370×565	790×370×565	790×370×565	790×370×565	790×370×565
Gross Weight (kg)	Indoor/Outdoor	9.5/29.5	9.5/29.5	9.5/29.5	9.5/29.5	9.5/29.5
Pipe Size (inch)	Liquid	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas	3/8"	3/8"	3/8"	3/8"	3/8"
Applicable Area	m^2	12-17	12-17	12-17	12-17	12-17
Loading Quantity (set)	20'/40'/40'HQ	125/260/290	125/260/290	125/260/290	125/260/290	125/260/290

Performance \ Model		CS-12/B	CS-12H/B	CS-12-60/B	CS-12H-60/B	CS-12HA/B	C3S-12/B
Refrigerant		R22	R22	R22	R22	R410a	R22
Cooling Capacity	Btu/h	12000	12000	12000	12000	12000	12000
Heating Capacity	Btu/h		13000		13000	13000	
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 60	1, 220, 60	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	1300	1300	1300	1300	1200	1380
Rated Heating Power Input	W		1320		1320	1100	
Rated Cooling Operating Current	A	5.6	5.6	5.6	5.6	5.5	6.4
Rated Heating Operating Current	A		5.3		5.3	5.1	
Air Flow Volume(indoor)	m^3/h	520	520	520	520	520	520
Noise Level (dB(A))	Indoor	40	40	40	40	40	38
	Outdoor	52	52	52	52	52	52
Net Dimensions W×D×H	Inside (mm)	745×198×250	745×198×250	745×198×250	745×198×250	745×198×250	745×198×250
	Outside (mm)	760×259×537	760×259×537	760×259×537	760×259×537	760×259×537	760×259×537
Net Weight (kg)	Indoor/Outdoor	7.5/30	7.5/30	7.5/30	7.5/30	7.5/30	7.5/30
Packing Dimensions W×D×H	Indoor (mm)	815×271×330	815×271×330	815×271×330	815×271×330	815×271×330	815×271×330
	Outdoor (mm)	896×344×586	896×344×586	896×344×586	896×344×586	896×344×586	896×344×586
Gross Weight (kg)	Indoor/Outdoor	10/35	10/35	10/35	10/35	10/35	10/35
Pipe Size (inch)	Liquid	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Applicable Area	m^2	16-25	16-25	16-25	16-25	16-25	16-25
Loading Quantity (set)	20'/40'/40'HQ	118/248/272	118/248/272	118/248/272	118/248/272	118/248/272	118/248/272

The panel C just be used to 9000BTU and 12000BTU series

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Performance \ Model		CS-18/B	CS-18H/B	CS-18-60/B	CS-18H-60/B
Refrigerant		R22	R22	R22	R22
Cooling Capacity	Btu/h	18000	18000	18000	18000
Heating Capacity	Btu/h		18700		18700
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 60	1, 220, 60
Rated Cooling Power Input	W	1855	1900	2000	2000
Rated Heating Power Input	W		1860		1970
Rated Cooling Operating Current	A	8.5	8.7	9.2	9.2
Rated Heating Operating Current	A		8.6		9.1
Air Flow Volume(indoor)	m³/h	860	860	830	870
Noise Level (dB(A))	Indoor	46	46	48	48
	Outdoor	57	57	57	57
Net Dimensions W×D×H	Inside (mm)	900×211×285	900×211×285	900×211×285	900×211×285
	Outside (mm)	760×259×537	760×259×537	760×259×537	760×259×537
Net Weight (kg)	Indoor/Outdoor	10.5/40	10.5/40	10.5/40	10.5/40
Packing Dimensions W×D×H	Indoor (mm)	1010×300×375	1010×300×375	1010×300×375	1010×300×375
	Outdoor (mm)	896×344×586	896×344×586	896×344×586	896×344×586
Gross Weight (kg)	Indoor/Outdoor	13/45	13/45	13/45	13/45
Pipe Size (inch)	Liquid	1/4"	1/4"	1/4"	1/4"
	Gas	1/2"	1/2"	1/2"	1/2"
Applicable Area	m²	20-37	20-37	20-37	20-37
Loading Quantity (set)	20'/40'/40'HQ	98/205/225	98/205/225	98/205/225	98/205/225

Performance \ Model		CS-18HA/B	C3S-18/B	C3S-18H/B	C3S-18-60/B	C3S-18H-60/B
Refrigerant		R410a	R22	R22	R22	R22
Cooling Capacity	Btu/h	18000	18000	18000	18000	1800
Heating Capacity	Btu/h	18700		18700		18700
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 50	1, 220, 60	1, 220, 60
Rated Cooling Power Input	W	1900	2030	2030	2400	2400
Rated Heating Power Input	W	1800		1950		2400
Rated Cooling Operating Current	A	8.7	9.3	9.3	11.0	11.0
Rated Heating Operating Current	A	8.4		8.9		11.0
Air Flow Volume(indoor)	m³/h	860	860	860	860	860
Noise Level (dB(A))	Indoor	46	46	46	46	46
	Outdoor	56	56	56	56	56
Net Dimensions W×D×H	Inside (mm)	900×211×285	900×211×285	900×211×285	900×211×285	900×211×285
	Outside (mm)	760×259×537	800×253×646	800×253×646	800×253×646	800×253×646
Net Weight (kg)	Indoor/Outdoor	10.5/40	10.5/52	10.5/52	10.5/51	10.5/51
Packing Dimensions W×D×H	Indoor (mm)	1010×300×375	1010×300×375	1010×300×375	1010×300×375	1010×300×375
	Outdoor (mm)	896×344×586	950×370×710	950×370×710	950×370×710	950×370×710
Gross Weight (kg)	Indoor/Outdoor	13/45	13/59	13/59	13/59	13/59
Pipe Size (inch)	Liquid	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas	1/2"	1/2"	1/2"	1/2"	1/2"
Applicable Area	m²	20-37	20-37	20-37	20-37	20-37
Loading Quantity (set)	20'/40'/40'HQ	98/205/225	72/162/176	72/162/176	72/162/176	72/162/176

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Performance \ Model		CS-24/B	CS-24H/B	CS-24-60/B	CS-24H-60/B
Refrigerant		R22	R22	R22	R22
Cooling Capacity	Btu/h	24000	24000	24000	24000
Heating Capacity	Btu/h		26300		26300
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 60	1, 220, 60
Rated Cooling Power Input	W	2460	2426	2435	2435
Rated Heating Power Input	W		2712		2530
Rated Cooling Operating Current	A	11.4	11.2	11.3	11.3
Rated Heating Operating Current	A		12.6		11.7
Air Flow Volume(indoor)	m³/h	880	880	880	880
Noise Level (dB(A))	Indoor	51	51	51	51
	Outdoor	60	60	60	60
Net Dimensions W×D×H	Inside (mm)	1014×213×320	1014×213×320	1014×213×320	1014×213×320
	Outside (mm)	950×310×745	950×310×745	950×310×745	950×310×745
Net Weight (kg)	Indoor/Outdoor	15/61	15/63	15/61	15/63
Packing Dimensions W×D×H	Indoor (mm)	1105×400×308	1105×400×308	1105×400×308	1105×400×308
	Outdoor (mm)	1125×420×875	1125×420×875	1125×420×875	1125×420×875
Gross Weight (kg)	Indoor/Outdoor	17.5/69	17.5/71	17.5/69	17.5/71
Pipe Size (inch)	Liquid	3/8"	3/8"	3/8"	3/8"
	Gas	5/8"	5/8"	5/8"	5/8"
Applicable Area	m²	30-58	30-58	30-58	30-58
Loading Quantity (set)	20'/40'/40'HQ	50/100/110	50/100/110	50/100/110	50/100/110

Performance \ Model		CS-24HA/B	C3S-24/B	C3S-24H/B	C3S-24-60/B	C3S-24H-60/B
Refrigerant		R410a	R22	R22	R22	R22
Cooling Capacity	Btu/h	24000	24000	24000	24000	24000
Heating Capacity	Btu/h	24000	24000	24000	24000	24000
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 50	1, 220, 60	1, 220, 60
Rated Cooling Power Input	W	2300	2700	2700	3000	3000
Rated Heating Power Input	W	2250		2550		2380
Rated Cooling Operating Current	A	10.7	12.5	12.5	14.0	14.0
Rated Heating Operating Current	A	10.4		11.8		11.1
Air Flow Volume(indoor)	m³/h	880	880	880	940	940
Noise Level (dB(A))	Indoor	51	51	51	51	51
	Outdoor	60	60	60	60	60
Net Dimensions W×D×H	Inside (mm)	1014×213×320	1014×213×320	1014×213×320	1014×213×320	1014×213×320
	Outside (mm)	823×276×649	823×276×649	823×276×649	823×276×649	823×276×649
Net Weight (kg)	Indoor/Outdoor	15/60	15/60	15/60	15/60	15/60
Packing Dimensions W×D×H	Indoor (mm)	1105×400×308	1105×400×308	1105×400×308	1105×400×308	1105×400×308
	Outdoor (mm)	980×390×730	980×390×730	980×390×730	980×390×730	980×390×730
Gross Weight (kg)	Indoor/Outdoor	17.5/68	17.5/68	17.5/68	17.5/68	17.5/68
Pipe Size (inch)	Liquid	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas	5/8"	5/8"	5/8"	5/8"	5/8"
Applicable Area	m²	30-58	30-58	30-58	30-58	30-58
Loading Quantity (set)	20'/40'/40'HQ	66/138/148	66/138/148	66/138/148	66/138/148	66/138/148

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Floor Standing Air Conditioners



A



B

Features





Air outlet shut automatically

Outlet shuts automatically while the unit is turned off. This function can keep AC interior clean and enhance aesthetic feeling.

Glass surface

With the unique tempered glass panel, unit looks more luxuriant and brilliant

Intimate flooring angular line design

Special flooring angular line design will keep the harmonious of room spaces.



Beautiful display screen

New dynamic LED display shows a visible running status. (Floor standing type air conditioners)



Touch-sensitive buttons

Touch-sensitive buttons make the operation more precise.

Performance	Model	CF-18E/C1	CF-24E/C1
Refrigerant		R22	R22
Cooling Capacity	Btu/h	18000	24000
Heating Capacity	Btu/h	19000	27000
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	1610	2400
Rated Heating Power Input	W	1500	2450
Rated Cooling Operating Current	A	7.5	11.2
Rated Heating Operating Current	A	7.0	11.4
Air Flow Volume(indoor)	m³/h	850	1000
Noise Level (dB(A))	Indoor	43	51
	Outdoor	55	60
Net Dimensions W×D×H	Inside (mm)	500×320×1760	500×320×1760
	Outside (mm)	823×275×646	950×310×745
Net Weight (kg)	Indoor/Outdoor	42/54	45/65
Packing Dimensions W×D×H	Indoor (mm)	690×465×1895	690×465×1895
	Outdoor (mm)	980×400×730	1125×420×875
Gross Weight (kg)	Indoor/Outdoor	54/62	57/73
Pipe Size (inch)	Liquid	1/4"	3/8"
	Gas	1/2"	5/8"
Applicable Area	m²	20-37	30-58
Loading Quantity (set)	20'/40'/40'HQ	30/64/72	26/58/61

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Powerful Fast Cooling

Advanced vector controlled cooling technology, multi-dimensional air supply and optimization of cooling system based on simulating technology well improve the cooling capability.





Beautiful display screen

New dynamic LED display shows a visible running status. (Floor standing type air conditioners)

Brand name and high efficiency compressor

Chunlan not only uses brand name and high efficiency compressor, but also focuses on advanced technology and every specific detail to pursue the perfect quality. Chunlan creates an extraordinary standard of a trouble-free operation for an average of 60000 hours.



W-shape high quality internal threaded copper pipe

Chunlan, who always selects good parts, adapts W-shape high quality internal threaded copper pipes for each set of air conditioner, which can further improve the efficiency of heat exchange.

Performance / Model		CF-18E/C2	CF-24E/C2
Refrigerant		R22	R22
Cooling Capacity	Btu/h	18000	24000
Heating Capacity	Btu/h	19000	27000
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	1610	2400
Rated Heating Power Input	W	1500	2450
Rated Cooling Operating Current	A	7.5	11.2
Rated Heating Operating Current	A	7.0	11.4
Air Flow Volume(indoor)	m³/h	850	1000
Noise Level (dB(A))	Indoor	47	51
	Outdoor	55	60
Net Dimensions W×D×H	Inside (mm)	500×285×1720	500×285×1720
	Outside (mm)	823×275×646	950×310×745
Net Weight (kg)	Indoor/Outdoor	37/54	39/65
Packing Dimensions W×D×H	Indoor (mm)	690×425×1855	690×425×1855
	Outdoor (mm)	980×400×730	1125×420×875
Gross Weight (kg)	Indoor/Outdoor	45/62	47/73
Pipe Size (inch)	Liquid	1/4"	3/8"
	Gas	1/2"	5/8"
Applicable Area	m²	20-37	30-58
Loading Quantity (set)	20'/40'/40'HQ	30/64/72	26/58/61

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Features





A B C

Features



Performance	Model	CF-18E/F	CF-18E/A	CF-18E/A1
Refrigerant		R22	R22	R22
Cooling Capacity	Btu/h	18000	18000	18000
Heating Capacity	Btu/h	19000	19000(24000)	19000(24000)
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	1610	1950	1950
Rated Heating Power Input	W	1500	1900(3500)	1900(3500)
Rated Cooling Operating Current	A	7.5	8.9	8.9
Rated Heating Operating Current	A	7.0	8.8(16.2)	8.8(16.2)
Air Flow Volume(indoor)	m³/h	850	720	720
Noise Level (dB(A))	Indoor	47	43	43
	Outdoor	55	56	56
Net Dimensions W×D×H	Inside (mm)	500×321×1665	500×321×1665	500×287.5×1665
	Outside (mm)	823×275×646	760×259×537	760×259×537
Net Weight (kg)	Indoor/Outdoor	36/54	31/40	31/40
Packing Dimensions W×D×H	Indoor (mm)	650×420×1760	650×420×1760	650×385×1760
	Outdoor (mm)	980×400×730	896×352×600	896×352×600
Gross Weight (kg)	Indoor/Outdoor	45/62	39/45	39/45
Pipe Size (inch)	Liquid	1/4"	1/4"	1/4"
	Gas	1/2"	1/2"	1/2"
Applicable Area	m²	20-37	20-37	20-37
Loading Quantity (set)	20'/40'/40'HQ	34/72/83	40/84/96	40/84/96

Performance	Model	CF-24E/F	CF-24E/A	CF-24E/A1
Refrigerant		R22	R22	R22
Cooling Capacity	Btu/h	24000	24000	24000
Heating Capacity	Btu/h	27000	27000(32500)	27000(32500)
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	2400	2750	2750
Rated Heating Power Input	W	2450	2600(4600)	2600(4600)
Rated Cooling Operating Current	A	11.2	13.1	13.1
Rated Heating Operating Current	A	11.4	12.1(22.5)	12.1(22.5)
Air Flow Volume(indoor)	m³/h	1000	1050	1050
Noise Level (dB(A))	Indoor	51	51	51
	Outdoor	60	60	60
Net Dimensions W×D×H	Inside (mm)	500×321×1665	500×321×1665	500×287.5×1665
	Outside (mm)	950×310×745	950×310×745	950×310×745
Net Weight (kg)	Indoor/Outdoor	39/65	35/63	35/63
Packing Dimensions W×D×H	Indoor (mm)	650×420×1760	650×420×1760	650×385×1760
	Outdoor (mm)	1125×420×875	1125×420×875	1125×420×875
Gross Weight (kg)	Indoor/Outdoor	48/73	41/71	41/71
Pipe Size (inch)	Liquid	3/8"	3/8"	3/8"
	Gas	5/8"	5/8"	5/8"
Applicable Area	m²	30-58	30-58	30-58
Loading Quantity (set)	20'/40'/40'HQ	26/62/74	26/62/68	26/62/68

Note: The A and B design are only used for the models CF-18E/A1 and CF-24E/A1, the C design is only used for the models CF-18E/A,CF-24E/A,CF-18E/F,CF-24E/F.

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Cassette Air Conditioners



Features

Wide Voltage Start

Patent Super Silence Technology

Strong Independent Dehumidification

Independent ventilation button

Multi-Dimensional Air Circulation

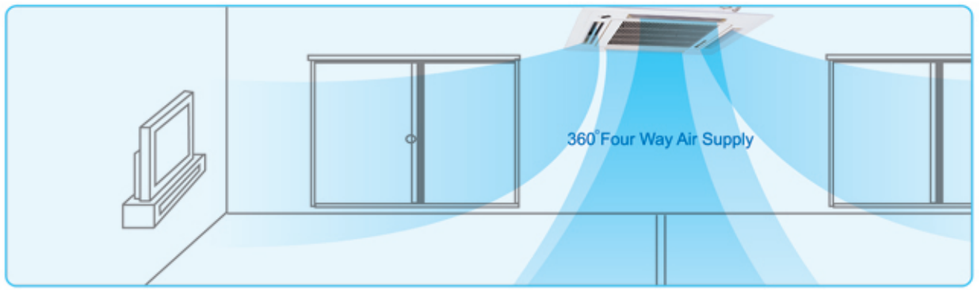
Brand name and high effciency comprssor

AUTO Running

Long DIstance Air Supply

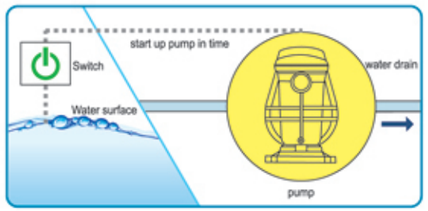
Inteligent Defrost

Wide Climate Design



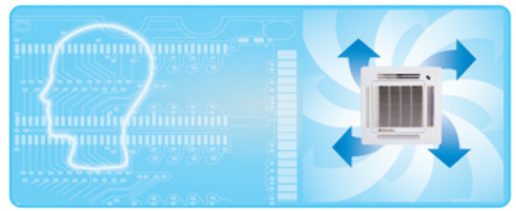
Sending air in four ways, heat and cool naturally

Imitate natural wind, adjust indoor temperature evenly, which will offer you a comfortable breeze.



Drain water in high position for secure operation

Maglev switch and special pump for indoor unit are designed according to the character of water drain from condenser. Water will be drained in high position regularly with relevant protections.



Intelligent control saves time and energy

By microcomputer intelligent control, each running part will be always in the best status, well protecting the unit from various faults.

Performance / Model		CC-24	CC-24H	CC-24HA
Refrigerant		R22	R22	R410a
Cooling Capacity	Btu/h	24000	24000	24000
Heating Capacity	Btu/h		26000	26000
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	2750	2750	2750
Rated Heating Power Input	W		2750	2700
Rated Cooling Operating Current	A	12.5	12.5	12.8
Rated Heating Operating Current	A		12.5	12.5
Air Flow Volume(indoor)	m^3/h	1200	1200	1200
Noise Level (dB(A))	Indoor	48	48	48
	Outdoor	60	60	60
Net Dimensions W×D×H	Inside (mm)	950×950×305	950×950×305	950×950×305
	Outside (mm)	950×310×745	950×310×745	950×310×745
Net Weight (kg)	Indoor/Outdoor	39/64	39/64	39/62
Packing Dimensions W×D×H	Indoor (mm)	900×900×305	900×900×305	900×900×305
	Panel (mm)	1045×1015×170	1045×1015×170	1045×1015×170
	Outdoor (mm)	1140×420×880	1140×420×880	1140×420×880
Gross Weight (kg)	Indoor/Outdoor	48/72	48/72	48/70
Pipe Size (inch)	Liquid	3/8"	3/8"	3/8"
	Gas	5/8"	5/8"	5/8"
Applicable Area	m^2	40-56	40-56	40-56
Loading Quantity (set)	20'/40'/40'HQ	22/48/56	22/48/56	22/48/56

* The date in the list only for reference, the specific parameters please subject the product nameplate
* The applicable area of the air conditioner is according to the orientation, airtight, floor, height of the room, also the size and number of the windows and doors, thus the applicable area date in the list just for reference.





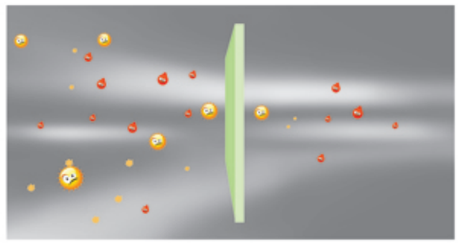
Window Air Conditioners

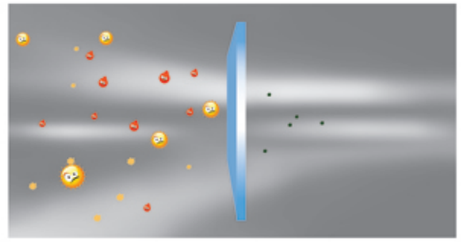


A



B





The advanced high-density filter is made high-density organic fibres,which removes dust up to78.6%better than most regular filters.
The filter keeps the inside of the unit cleaner-and than translates into cleaner air.

Performance \ Model		CW-09	CW-12	CW-18	CW-18H
Refrigerant		R22	R22	R22	R22
Cooling Capacity	Btu/h	9000	12000	18000	18000
Heating Capacity	Btu/h				18000
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 50	1, 220, 50
Rated Cooling Power Input	W	1060	1400	2100	2200
Rated Heating Power Input	W				2000
Rated Cooling Operating Current	A	5.1	6.5	9.9	10.5
Rated Heating Operating Current	A				9.5
Air Flow Volume(indoor)	m^3/h	350	560	780	780
Noise Level (dB(A))	Inside/outside	53/58	53/60	60/65	60/67.5
Net Dimensions W×D×H	mm	520×495×340	635×560×400	756×660×436	756×660×436
Net Weight	kg	29	44	58	72
Packing Dimensions W×D×H	mm	610×576×435	710×645×510	850×750×525	850×750×525
Gross Weight	kg	32	49	64	78
Applicable Area	m^2	12-17	16-25	24-40	24-40
Loading Quantity	20'/40'/40'HQ	178/378/454	106/214/268	84/168/208	84/168/208

Performance \ Model		C3W-18	C3W-18H	C3W-18-60	C3W-20	C3W-20H
Refrigerant		R22	R22	R22	R22	R22
Cooling Capacity	Btu/h	18000	18000	18000	20000	20000
Heating Capacity	Btu/h		18000			20000
Power supply	Ph, V~, Hz	1, 220, 50	1, 220, 50	1, 220, 60	1, 220, 60	1, 220, 60
Rated Cooling Power Input	W	1900	2400	2200	2400	2750
Rated Heating Power Input	W		2400			2750
Rated Cooling Operating Current	A	8.8	11.3	10.2	11.0	12.8
Rated Heating Operating Current	A		11.3			12.8
Air Flow Volume(indoor)	m^3/h	750	750	750	850	850
Noise Level (dB(A))	Inside/outside	59/65	58/67.5	59/64	62/69	62/69
Net Dimensions W×D×H	mm	756×660×436	756×660×436	756×660×436	756×660×436	756×660×436
Net Weight	kg	58	72	58	62	75
Packing Dimensions W×D×H	mm	850×750×525	850×750×525	850×750×525	850×750×525	850×750×525
Gross Weight	kg	64	78	64	68	81
Applicable Area	m^2	23-39	23-39	23-39	30-50	30-50
Loading Quantity (set)	20'/40'/40'HQ	84/168/208	84/168/208	84/168/208	84/168/208	84/168/208

- The date in the list only for reference, the specific parameters please subject the product nameplate
- The applicable area of the air conditioner is according to the orientation, airtight, floor, height of the room, also the size and number of the windows and doors, thus the applicable area date in the list just for reference.

Features

Wide Voltage Start

High quality internal threaded copper pipe

Timer

Fresh Air

Multi-Dimensional Air Circulation

Brand name and high effciency comprssor

CONTENS

Introduction of Chunlan 01

Features of Chunlan Air Conditioners 05

Wall Split Series 09

Floor Standing Series 27

Cassette Series 35

Window Series 39

