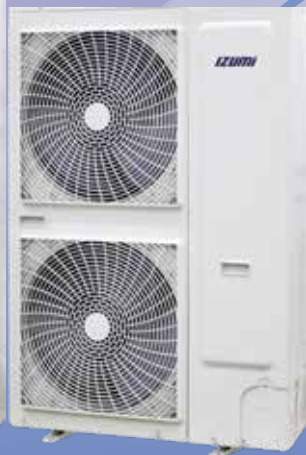




IZUMI UNIVERSAL AIR CONDITIONERS



IZUMI DOMESTIC COOLING SOLUTION

■ Izumi has constructed strict quality control system from product design, screening of raw materials and production to finished product, More than 200 quality control process to ensure the quality stability of the product.



■ 29 industry-leading laboratories, with more than 300 pieces of key equipment



Certification covers 21 international standards, a total of 108 test items.



DC-Inverter

Inverter technology uses high-efficiency DC-Inverter compressors and brushless Motors which combines with full DCcontrolling , assures the moter speed and refrigerant flow can be adjusted in real time according to the changes of environmentwhile assuring maximum cooling & heating efficiency.



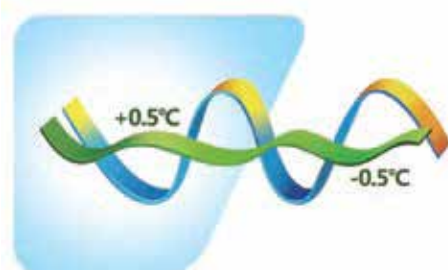
Fast cooling

The AC is operate in high-frequency when turning on which allow it could reach the setting temperature quickly and achieve fast cooling at 30 seconds.



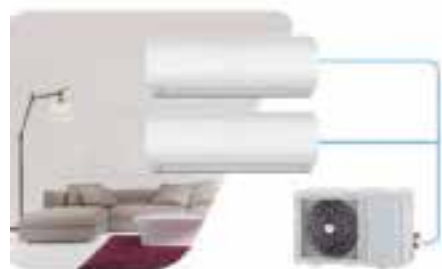
±0.5 C precise temperature control

Adjusting the frequency of the compressor power supply enables more precise temperature control as well as greater comfort.



Through multiple unit tube

One outdoor unit could parallel connects 2 indoor units which saving more space.



Wi-Fi control

Through Wi-Fi control function, you could easily control the AC with mobile or other intelligent devices.



More Comfortable

Powerful refrigeration

Through Contineous innovation Izumi presence powerful & optimized the wind wheel and improved the evaporator to enhance the refrigeration better performance.The rated power consumption has been Improved by 9%.



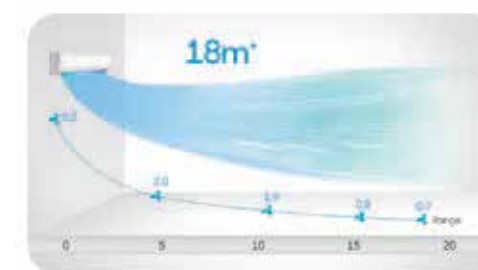
Lower noise

The air supply system with low noise realizes low-noise operation by adopting fans with large diameters, optimizing distance between the fans and volute tongue in water collector duct and achieving optimal design of horizontal louver at air outlet.



Large air flow and longer distance of air supply

Izumi presence the hydrodynamic air duct structure of air conditioner which optimize air duct system with CFD numerical Simulation technique.The air flow has been increased by 20% & Pipe length up to 18m.

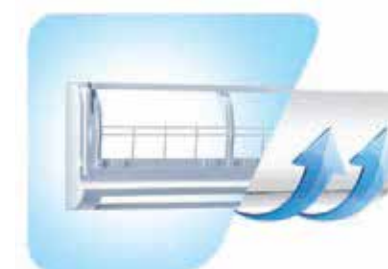


More Beautiful

Porcelain white and high gloss surface treatment technology brings high degree of glossiness that takes on a simple and fashionable look.



Integral middle frame avoids chromatic aberration between the middle frame and the base, making color of the total air conditioner more even.



The outdoor unit, which is treated with 6-layer antirust coating process, maintains glossy and looks new after being exposed to the sun and rain for a long time.



More Convenient

The air conditioner runs smoothly in a wide range of voltage from 170V to 265V.



The brand new design integrating the middle frame with the base reduces the quantity of outer seams and enhances resilience in transportation.



Improved production, installation and maintenance efficiency by integrating and optimizing components.



More Healthy

Advanced healthcare system

lysozyme filter screen, cold catalyst filter screen, automatic cleaning, antibacterial wind wheel and negative ion generator make air cleaner.



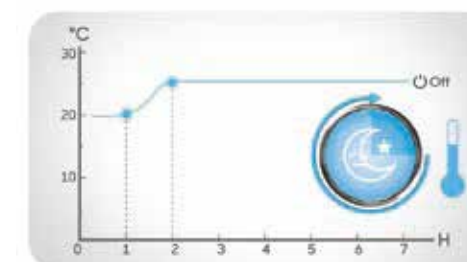
High Density Filter

Compared with ordinary dust filter, high density filter can effectively remove dust and pollution.



Sleep Mode




The AC will automatically increase (cooling) or decrease (heating) 1 °C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off.





Wall Split type Air Condditioner

Series	Panels	9K	12K	18K	21K	24K	30K	36K	
Izumi 174									
Izumi 173									
Izumi 172									
Izumi 170									
Izumi 167									
Izumi 165									
Izumi 164									
Izumi 163									
Izumi 156									
Izumi 155									
Izumi 152									
Izumi 150									
Izumi 125									




Floor Standing Type

Series	Panels	21K	24K	30K	42K	50K	Page
Izumi 41							43-44
Izumi 38							45
Izumi 33							46

Window Type

Series	Panels	5K	6K	8K	9K	10K	12K	14K	18K	21K	24K	Page
Izumi 09												49
Izumi 07												49

Portable Type

Series	Panels	6K	7K	8K	9K	10K	11K	12K	14K	Page
Izumi 21										52
Izumi 20										52
Izumi 19										52

Dehumidifier

Series	Panels	12L/day	18L/day	28L/day	30Pints/day	45Pints/day	70Pints/day	95Pints/day	105Pints/day	Page
Izumi 14										53
Izumi 13										53



**Enjoy the
Extreme Experience**

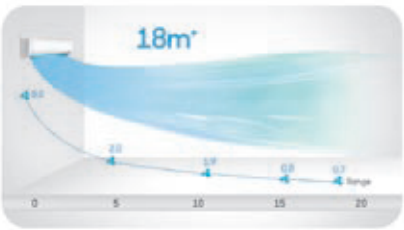
Fast heating in 2 minutes
Cooling within 30 sec





Long Distance Air Supplying

Optimization design of air conditioning duct system, to realize long distance air supply.



Clean Air

The negative ion purification technology removes dust and smell in the room effectively and brings refreshing air like that in forest.



Wide Voltage Operation Range

The specially designed low-pressure compressor allows the AC unit to start and run smoothly at a voltage level of 170v-265v, thereby avoiding any damage to the machine.



Standard



Sleep Mode



Turbo Cooling/
heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



Child Lock



I Feel



Auto-restart

Optional



Wi-Fi Control

Through Wi-Fi control function, you could easily control the AC with mobile or other intelligent devices.



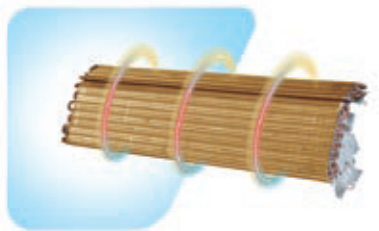
Auto-restart

If the unit stops unexpectedly due to a power cut, the AC unit will automatically restart in the previous mode once power is restored.



Golden Fin

The golden hydrophilic condenser can improve the heating exchange efficiency by accelerating the defrosting process. The unique anti-corrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements.



Standard



Sleep Mode



Turbo Cooling/
heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



Child Lock



I Feel



Auto-restart

Optional

Izumi 174



Rapid Cooling

The AC is operate in high-frequency when turning on which allow it could reach the setting temperature quickly and achieve fast cooling at 30 seconds.



-20 °C ~60°C Working

Ultra wide working temperature range, ensure the performance under extreme weather conditions.



Soft LED Setting

With integrated design, the display is cleverly concealed in the interior of the panel for energy saving and conformable sleep.



- Standard
- Optional
- Sleep Mode

TURBO
Turbo Cooling/
heating

Soft LED Setting

Timer Switch

Self-diagnosis

Intelligent Defrost

Child Lock

I Feel

Auto-restart

Izumi 170



Self-

Dust on the evaporator is removed by the fast-flowing condensation water while the clean button is pressed.



High

Compared with ordinary dust niter, nigh density filter can effectively remove dust and pollution.



Time

24-Hour timer can be set to automatically turn the device on and off.



- Standard
- Optional
- Sleep Mode

TURBO
Turbo Cooling/
heating

Soft LED Setting

Timer Switch

Self-diagnosis

24
Intelligent Defrost

Child Lock

I Feel

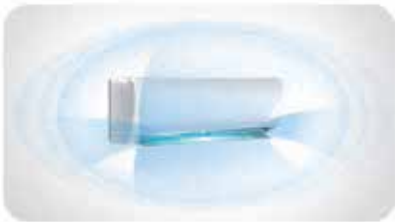
Auto-restart

Izumi 167



360° Three Dimensional Air Delivery

360° air swing design allows air to reach every corner of a room within a wide angle.



Independent Dehumidifying

Effectively removes moisture from the room.



Easy to Clean Panel

The indoor unit panel can be detached easily for regular cleaning.



Izumi 165



More Comfortable Air Supply

Innovative use of “Wind Cube” air supply technology, which carefully measures the human body’s needs for air supply breadth, supplies air more uniformly, and achieves perfect bathing-type air supply.



Two-way Draining Connection

Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose, which enables easy installation.



Washable Filter

Patented disassembling technology offers easier detachment, so filter mesh may be cleaned at will.



Izumi 163



Quiet Air Supply System

Large diameter perfusion fan blades raise and lower the rotation speed according to the temperature of the evaporator, thereby lowering noise levels without reducing airflow or cooling output.



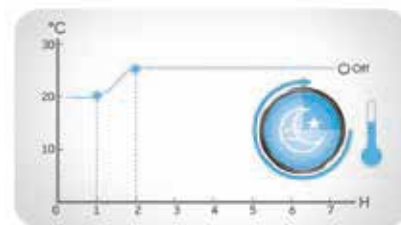
Multiple Flow Speeds

Multi-variable flow speeds, ensuring more precise control and a more comfortable breeze.



Sleep Mode

The AC will automatically increase (cooling) or decrease (heating) 1 °C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off.



Standard



Sleep Mode



Turbo Cooling/heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



Child Lock



I Feel



Auto-restart

Optional

Izumi 156



Low Voltage Operation

Air conditioner realizes operation with input power voltage lowered at 170V.



Self-diagnosis

Automatic detection of abnormal operation or components, fault codes will be displayed on the indoor unit.



Stronger Cooling

Through optimizing the fan and evaporator to improve much better cooling effect.



Standard



Sleep Mode



Turbo Cooling/heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



Child Lock



I Feel



Auto-restart

Optional

Izumi 155



Faster Air Supply

Shock cooling within 30 seconds, and fast heating within 2 minutes.



Large Air Flow

With wider diameter fan, under the same power input of the motor, it can reduce the noise, though lower the fan speed and increase the air flow.



Golden Fin

The golden hydrophilic condenser can improve the heating exchange efficiency by accelerating the defrosting process. The unique anti-corrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements.



Standard

Optional



Izumi 152



Wider Air Supply

Integrated double-layer air deflector design, which simulates flapping wings of a bird and achieves a wider air supply angle.



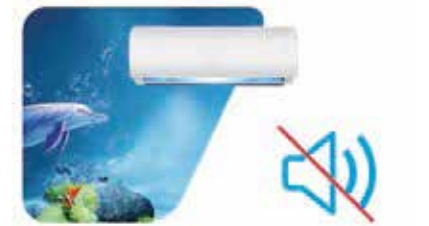
Self-cleaning

Dust on the evaporator is removed by the fast-flowing condensation water while the clean button is pressed.



Quiet Air Supply System

Large diameter perfusion fan blades raise and lower the rotation speed according to the temperature of the evaporator, thereby lowering noise levels without reducing airflow or cooling output.



Standard

Optional



Izumi 150



Turbo Cooling/Heating

This feature maximizes cooling or heating output so room temperature quickly reaches the preset level.



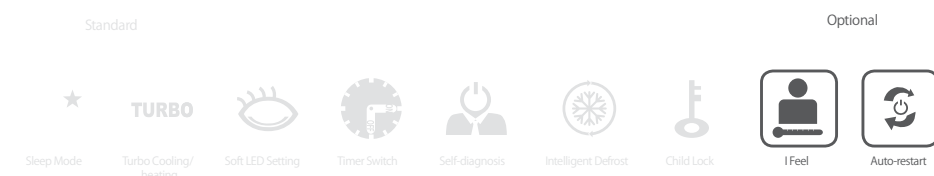
Selectable Panels

Panels with decorative strips of different colors are available for your choice.



Soft LED Setting

With integrated design, the display is cleverly concealed in the interior of the panel for energy saving and comfortable sleep.



Izumi 125



Fast Cooling

The AC is operate in high-frequency when turning on which allow it could reach the setting temperature quickly and achieve fast cooling at 30 seconds.



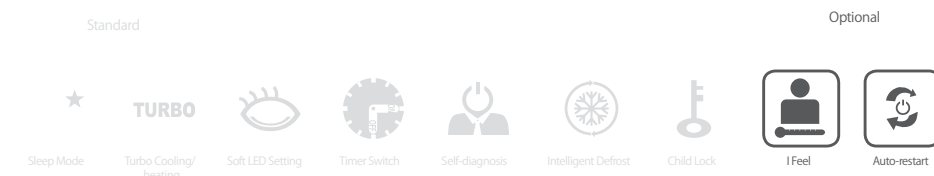
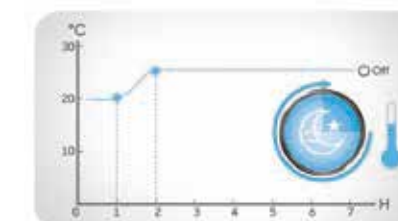
Two-way Draining Connection

Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose, which enables easy installation.



Sleep Mode

The AC will automatically increase (cooling) or decrease (heating) 1°C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off.



Model			9000BTU	12000BTU	18000BTU	24000BTU
Power Supply		V/Hz/Ph	220-240/50	220-240/50	220-240V/50Hz	220-240V/50Hz
Capacity	Cooling	Btu/h	9000	11900	17400	23900
		W	2650W(1600W~3300W)	3500W(1800W~3900W)	5100(2400~5600)	7000(2500~8500)
	Heating	Btu/h	9900	12600	18800	25200
		W	2900(1300~3600)	3700(1700~4200)	5500(2500~6400)	7400(3000~8200)
EER		W/W	3.35	3.21	3.27	3.21
COP		W/W	3.97	3.61	3.62	3.61
Net Dimension (WxHxD)	Indoor unit	mm	780×276×202	780×276×202	900×292×215	1080×302×220
	Outdoor unit	mm	715×235×540	715×235×540	850×295×605	870×310×700
Packing Dimension (WxHxD)	Indoor unit	mm	950×367×305	950×367×305	983×377×300	1275×392×315
	Outdoor unit	mm	851×335×600	851×335×600	995×415×690	990×410×780
Loading Capacity	40'HQ	Set	252	252	165	147

Europe On/Off

Model			7000BTU	9000BTU	12000BTU
Power Supply		V/Hz/Ph	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Capacity	Cooling	Btu/h	7500	8500	11300
		W	2200	2500	3300
	Heating	Btu/h	7500	8500	12300
		W	2200	2500	3600
EER		W/W	3.21	3.21	3.22
COP		W/W	3.41	3.42	3.62
Net Dimension (WxHxD)	Indoor unit	mm	680×252×206	680×252×206	780×276×202
	Outdoor unit	mm	680×225×482	680×225×482	715×235×540
Packing Dimension (WxHxD)	Indoor unit	mm	750×326×273	750×328×290	950×367×305
	Outdoor unit	mm	812×329×535	812×329×535	851×335×600
Loading Capacity	40'HQ	Set	340	334	252

Europe On/Off

Model			18000BTU	22000BTU	24000BTU
Power Supply		V/Hz/Ph	220-240/50	220-240/50	220-240/50
Capacity	Cooling	Btu/h	17400	19800	22900
		W	5100	5800	6700
	Heating	Btu/h	17700	19800	22900
		W	5200	5800	6700
EER		W/W	3.05	3.05	3.06
COP		W/W	3.15	3.22	3.40
Net Dimension (WxHxD)	Indoor unit	mm	950×313×240	1055×313×240	1155×313×240
	Outdoor unit	mm	850×295×605	850×295×605	870×310×700
Packing Dimension (WxHxD)	Indoor unit	mm	1045×403×330	1258×400×328	1358×400×328
	Outdoor unit	mm	995×415×690	995×415×690	990×410×780
Loading Capacity	40'HQ	Set	160	152	142



Model			9000BTU	12000BTU	18000BTU	21000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	9000	12000	17500	21000
	Heating	Btu/h	11000	14000	20000	26000
SEER	Cooling	Btu/W	20	20	19	19
HSPF	Heating	Btu/W	9.3	9.3	9.3	9.3
Net Dimension (WxHxD)	Indoor unit	mm	800×280×190	900×296×222	1080×302×220	1300×332×245
		inch	31.50×11.02×7.48	35.43×11.50×8.46	42.52×11.89×8.66	51.18×13.07×9.65
	Outdoor unit	mm	812×540×256	812×540×256	870×700×310	900×835×330
		inch	31.97×21.26×10.08	31.97×21.26×10.08	34.25×27.56×12.20	35.43×32.87×12.99
Packing Dimension (WxHxD)	Indoor unit	mm	865×358×275	983×377×300	1165×392×315	1410×428×345
		inch	34.06×14.09×10.83	38.70×14.84×11.81	45.87×15.43×12.40	55.51×16.85×13.58
	Outdoor unit	mm	920×595×335	920×595×335	990×780×410	1030×960×440
		inch	36.22×23.43×13.19	36.22×23.43×13.19	38.98×30.71×16.14	40.55×37.80×17.32
Loading Capacity	40'HQ	Set	268	240	152	104



Model			18000BTU	24000BTU
Power Supply		V/Hz/Ph	230/60/1	230/60/1
Capacity	Cooling	Btu/h	9000	12000
	Heating	Btu/h	11000	13000
SEER	Cooling	Btu/W	15	15
HSPF	Heating	Btu/W	8.2	8.2
Net Dimension (WxHxD)	Indoor unit	mm	780×276×202	780×276×202
		inch	30.71×10.87×7.95	30.71×10.87×7.95
	Outdoor unit	mm	850×605×295	870×700×310
		inch	33.46×23.82×11.61	34.25×27.56×12.20
Packing Dimension (WxHxD)	Indoor unit	mm	860×366×305	860×366×305
		inch	33.86×14.41×12.01	33.86×14.41×12.01
	Outdoor unit	mm	995×690×415	990×780×410
		inch	39.17×27.17×16.34	38.98×30.71×16.14
Loading Capacity	40'HQ	Set	182	169



Model			9000BTU	12000BTU	9000BTU	12000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	9000	12000	9000	12000
	Heating	Btu/h	11000	14000	11000	14000
SEER	Cooling	Btu/W	15	15	15	15
HSPF	Heating	Btu/W	8.2	8.2	8.5	8.5
Net Dimension (WxHxD)	Indoor unit	mm	780×276×202	780×276×202	780×276×202	780×276×202
		inch	30.71×10.87×7.95	30.71×10.87×7.95	30.71×10.87×7.95	30.71×10.87×7.95
	Outdoor unit	mm	715×540×235	812×540×256	715×540×235	812×540×256
		inch	28.15×21.26×9.25	31.97×21.26×10.08	28.15×21.26×9.25	31.97×21.26×10.08
Packing Dimension (WxHxD)	Indoor unit	mm	860×366×305	860×366×305	860×366×305	860×366×305
		inch	33.86×14.41×12.01	33.86×14.41×12.01	33.86×14.41×12.01	33.86×14.41×12.01
	Outdoor unit	mm	851×600×335	920×595×335	851×600×335	920×595×335
		inch	33.50×23.62×13.19	36.22×23.43×13.19	33.50×23.62×13.19	36.22×23.43×13.19
Loading Capacity	40'HQ	Set	267	253	267	253



Model			18000BTU	22000BTU	30000BTU	36000BTU
Power Supply		V/Hz/Ph	230/60/1	230/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	18000	22000	28000	32000
	Heating	Btu/h	18000	22000	28000	33000
SEER	Cooling	Btu/W	15	15	15	15
HSPF	Heating	Btu/W	8.5	8.5	8.2	8.2
Net Dimension (WxHxD)	Indoor unit	mm	950×313×240	1054×314×247	1155×313×240	1460×344×274
		inch	37.40×12.32×9.45	41.50×12.36×9.72	45.47×12.32×9.45	57.48×13.54×10.79
	Outdoor unit	mm	850×605×295	910×699×340	970×790×370	970×790×370
		inch	33.46×23.82×11.61	35.83×27.52×13.39	38.19×31.10×14.57	38.19×31.10×14.57
Packing Dimension (WxHxD)	Indoor unit	mm	1045×403×330	1258×400×328	1358×400×328	1598×443×365
		inch	41.14×15.87×12.99	49.53×15.75×12.91	53.46×15.75×12.91	62.91×17.44×14.37
	Outdoor unit	mm	995×690×415	1060×790×459	1120×900×485	1120×900×485
		inch	39.17×27.17×16.34	41.73×31.10×18.07	44.09×35.04×19.09	44.09×35.04×19.09
Loading Capacity	40'HQ	Set	160	125	106	96

Model			9000BTU	12000BTU	18000BTU	24000BTU
Power Supply		V/Hz/Ph	220-240/50	220-240/50	220-240V/50Hz	220-240V/50Hz
Capacity	Cooling	Btu/h	9000	11900	17400	23900
		W	2650W(1600W~3300W)	3500W(1800W~3900W)	5100(2400~5600)	7000(2500~8500)
	Heating	Btu/h	9900	12600	18800	25200
		W	2900(1300~3600)	3700(1700~4200)	5500(2500~6400)	7400(3000~8200)
EER		W/W	3.35	3.21	3.27	3.21
COP		W/W	3.97	3.61	3.62	3.61
Net Dimension (WxHxD)	Indoor unit	mm	780×276×202	780×276×202	900×292×215	1080×302×220
	Outdoor unit	mm	715×235×540	715×235×540	850×295×605	870×310×700
Packing Dimension (WxHxD)	Indoor unit	mm	950×367×305	950×367×305	983×377×300	1275×392×315
	Outdoor unit	mm	851×335×600	851×335×600	995×415×690	990×410×780
Loading Capacity	40'HQ	Set	252	252	165	147

Europe On/Off

Model			7000BTU	9000BTU	12000BTU
Power Supply		V/Hz/Ph	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Capacity	Cooling	Btu/h	7500	8500	11300
		W	2200	2500	3300
	Heating	Btu/h	7500	8500	12300
		W	2200	2500	3600
EER		W/W	3.21	3.21	3.22
COP		W/W	3.41	3.42	3.62
Net Dimension (WxHxD)	Indoor unit	mm	680×252×206	680×252×206	780×276×202
	Outdoor unit	mm	680×225×482	680×225×482	715×235×540
Packing Dimension (WxHxD)	Indoor unit	mm	750×326×273	750×328×290	950×367×305
	Outdoor unit	mm	812×329×535	812×329×535	851×335×600
Loading Capacity	40'HQ	Set	340	334	252

Europe On/Off

Model			18000BTU	22000BTU	24000BTU
Power Supply		V/Hz/Ph	220-240/50	220-240/50	220-240/50
Capacity	Cooling	Btu/h	17400	19800	22900
		W	5100	5800	6700
	Heating	Btu/h	17700	19800	22900
		W	5200	5800	6700
EER		W/W	3.05	3.05	3.06
COP		W/W	3.15	3.22	3.40
Net Dimension (WxHxD)	Indoor unit	mm	950×313×240	1055×313×240	1155×313×240
	Outdoor unit	mm	850×295×605	850×295×605	870×310×700
Packing Dimension (WxHxD)	Indoor unit	mm	1045×403×330	1258×400×328	1358×400×328
	Outdoor unit	mm	995×415×690	995×415×690	990×410×780
Loading Capacity	40'HQ	Set	160	152	142

North America



SEER≥19

Model			9000BTU	12000BTU	18000BTU	21000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	9000	12000	17500	21000
	Heating	Btu/h	11000	14000	20000	26000
SEER	Cooling	Btu/W	20	20	19	19
HSPF	Heating	Btu/W	9.3	9.3	9.3	9.3
Net Dimension (WxHxD)	Indoor unit	mm	800×280×190	900×296×222	1080×302×220	1300×332×245
		inch	31.50×11.02×7.48	35.43×11.50×8.46	42.52×11.89×8.66	51.18×13.07×9.65
	Outdoor unit	mm	812×540×256	812×540×256	870×700×310	900×835×330
		inch	31.97×21.26×10.08	31.97×21.26×10.08	34.25×27.56×12.20	35.43×32.87×12.99
Packing Dimension (WxHxD)	Indoor unit	mm	865×358×275	983×377×300	1165×392×315	1410×428×345
		inch	34.06×14.09×10.83	38.70×14.84×11.81	45.87×15.43×12.40	55.51×16.85×13.58
	Outdoor unit	mm	920×595×335	920×595×335	990×780×410	1030×960×440
		inch	36.22×23.43×13.19	36.22×23.43×13.19	38.98×30.71×16.14	40.55×37.80×17.32
Loading Capacity	40'HQ	Set	268	240	152	104

North America



One Drive Two SEER≥15

Model			18000BTU	24000BTU
Power Supply		V/Hz/Ph	230/60/1	230/60/1
Capacity	Cooling	Btu/h	9000	12000
	Heating	Btu/h	11000	13000
SEER	Cooling	Btu/W	15	15
HSPF	Heating	Btu/W	8.2	8.2
Net Dimension (WxHxD)	Indoor unit	mm	780×276×202	780×276×202
		inch	30.71×10.87×7.95	30.71×10.87×7.95
	Outdoor unit	mm	850×605×295	870×700×310
		inch	33.46×23.82×11.61	34.25×27.56×12.20
Packing Dimension (WxHxD)	Indoor unit	mm	860×366×305	860×366×305
		inch	33.86×14.41×12.01	33.86×14.41×12.01
	Outdoor unit	mm	995×690×415	990×780×410
		inch	39.17×27.17×16.34	38.98×30.71×16.14
Loading Capacity	40'HQ	Set	182	169

North America



SEER≥15

Model			9000BTU	12000BTU	9000BTU	12000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	9000	12000	9000	12000
	Heating	Btu/h	11000	14000	11000	14000
SEER	Cooling	Btu/W	15	15	15	15
HSPF	Heating	Btu/W	8.2	8.2	8.5	8.5
Net Dimension (WxHxD)	Indoor unit	mm	780×276×202	780×276×202	780×276×202	780×276×202
		inch	30.71×10.87×7.95	30.71×10.87×7.95	30.71×10.87×7.95	30.71×10.87×7.95
	Outdoor unit	mm	715×540×235	812×540×256	715×540×235	812×540×256
		inch	28.15×21.26×9.25	31.97×21.26×10.08	28.15×21.26×9.25	31.97×21.26×10.08
Packing Dimension (WxHxD)	Indoor unit	mm	860×366×305	860×366×305	860×366×305	860×366×305
		inch	33.86×14.41×12.01	33.86×14.41×12.01	33.86×14.41×12.01	33.86×14.41×12.01
	Outdoor unit	mm	851×600×335	920×595×335	851×600×335	920×595×335
		inch	33.50×23.62×13.19	36.22×23.43×13.19	33.50×23.62×13.19	36.22×23.43×13.19
Loading Capacity	40'HQ	Set	267	253	267	253

North America



SEER≥15

Model			18000BTU	22000BTU	30000BTU	36000BTU
Power Supply		V/Hz/Ph	230/60/1	230/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	18000	22000	28000	32000
	Heating	Btu/h	18000	22000	28000	33000
SEER	Cooling	Btu/W	15	15	15	15
HSPF	Heating	Btu/W	8.5	8.5	8.2	8.2
Net Dimension (WxHxD)	Indoor unit	mm	950×313×240	1054×314×247	1155×313×240	1460×344×274
		inch	37.40×12.32×9.45	41.50×12.36×9.72	45.47×12.32×9.45	57.48×13.54×10.79
	Outdoor unit	mm	850×605×295	910×699×340	970×790×370	970×790×370
		inch	33.46×23.82×11.61	35.83×27.52×13.39	38.19×31.10×14.57	38.19×31.10×14.57
Packing Dimension (WxHxD)	Indoor unit	mm	1045×403×330	1258×400×328	1358×400×328	1598×443×365
		inch	41.14×15.87×12.99	49.53×15.75×12.91	53.46×15.75×12.91	62.91×17.44×14.37
	Outdoor unit	mm	995×690×415	1060×790×459	1120×900×485	1120×900×485
		inch	39.17×27.17×16.34	41.73×31.10×18.07	44.09×35.04×19.09	44.09×35.04×19.09
Loading Capacity	40'HQ	Set	160	125	106	96

South Africa EER

Model			9000BTU	12000BTU	12000BTU	18000BTU	
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Capacity	Cooling	Btu/h	9000	12000	12000	18000	
	Heating	Btu/h	9000	12000	12000	18000	
EER	Cooling	W/W	3.06	3.06	3.06	3.05	
COP	Heating	W/W	3.42	3.11	3.42	3.15	
Net Dimension (WxDxH)	Indoor unit	mm	780×202×276	780×202×276	850×208×280	950×240×313	
	Outdoor unit	mm	700×225×500	715×235×540	715×235×540	850×295×605	
Packing Dimension (WxDxH)	Indoor unit	mm	890×305×367	890×305×367	960×305×367	1045×330×403	
	Outdoor unit	mm	825×320×550	851×335×600	851×335×600	995×415×690	
Loading Capacity		40'HQ	Set	282	256	245	160

South Africa EER

Model			18000BTU	21000BTU	21000BTU	24000BTU	
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Capacity	Cooling	Btu/h	18000	21000	21000	24000	
	Heating	Btu/h	18000	21000	21000	24000	
EER	Cooling	W/W	3.06	3.05	3.18	3.07	
COP	Heating	W/W	3.42	3.22	3.43	3.4	
Net Dimension (WxDxH)	Indoor unit	mm	950×240×313	1055×240×313	1055×313×240	1155×240×313	
	Outdoor unit	mm	850×295×605	850×295×605	870×310×700	870×310×700	
Packing Dimension (WxDxH)	Indoor unit	mm	1045×330×403	1258×328×400	1258×400×328	1358×328×400	
	Outdoor unit	mm	995×415×690	995×415×690	990×410×780	990×410×780	
Loading Capacity		40'HQ	Set	160	152	148	142

Africa Normal EER

Model			7000BTU	7000BTU	9000BTU	9000BTU
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	7000	7000	9000	9000
	Heating	Btu/h	-	7000	-	-
EER	Cooling	W/W	2.69	2.69	2.66	2.70
COP	Heating	W/W	-	3.00	-	-
Net Dimension (WxDxH)	Indoor unit	mm	745×210×250	745×210×250	745×210×250	780×202×276
	Outdoor unit	mm	670×250×430	680×225×482	680×225×482	670×250×430
Packing Dimension (WxDxH)	Indoor unit	mm	835×278×330	835×278×330	835×278×330	890×305×367
	Outdoor unit	mm	810×360×475	812×535×329	812×535×329	810×360×475
Loading Capacity		40'HQ	Set	329	319	298

Africa Normal EER

Model			9000BTU	12000BTU	12000BTU	12000BTU
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	9000	12000	12000	12000
	Heating	Btu/h	9000	-	-	12000
EER	Cooling	W/W	2.72	2.56	2.58	2.58
COP	Heating	W/W	2.84	-	-	2.83
Net Dimension (WxDxH)	Indoor unit	mm	745×210×250	745×210×250	780×202×276	780×202×276
	Outdoor unit	mm	680×225×482	715×235×540	700×225×500	700×225×500
Packing Dimension (WxDxH)	Indoor unit	mm	835×278×330	835×278×330	890×305×367	890×305×367
	Outdoor unit	mm	812×535×329	851×335×600	825×320×550	825×320×550
Loading Capacity		40'HQ	Set	319	294	282

Africa Normal EER

Model			12000BTU	18000BTU	18000BTU	18000BTU
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	12000	18000	18000	18000
	Heating	Btu/h	12000	-	18000	-
EER	Cooling	W/W	2.71	2.83	2.49	2.81
COP	Heating	W/W	3.04	-	2.76	-
Net Dimension (WxDxH)	Indoor unit	mm	780×202×276	900×222×296	900×222×296	850×208×280
	Outdoor unit	mm	715×235×540	812×256×540	812×256×540	812×256×540
Packing Dimension (WxDxH)	Indoor unit	mm	890×305×367	990×300×377	990×300×377	960×305×367
	Outdoor unit	mm	851×335×600	920×335×595	920×335×595	920×335×595
Loading Capacity		40'HQ	Set	256	240	240

Africa Normal EER

Model			18000BTU	24000BTU	24000BTU	24000BTU
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	18000	24000	24000	24000
	Heating	Btu/h	18000	-	24000	-
EER	Cooling	W/W	2.44	2.79	2.84	2.92
COP	Heating	W/W	2.82	-	3.13	-
Net Dimension (WxDxH)	Indoor unit	mm	850×208×280	900×222×296	900×222×296	1080×220×302
	Outdoor unit	mm	812×256×540	850×295×605	850×295×605	870×310×700
Packing Dimension (WxDxH)	Indoor unit	mm	960×305×367	990×300×377	990×300×377	1275×318×392
	Outdoor unit	mm	920×335×595	995×415×690	995×415×690	990×410×780
Loading Capacity		40'HQ	Set	240	174	149

Africa Low Voltage

Model			9000BTU	9000BTU	11000BTU	11000BTU	12000BTU	
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	
Capacity	Cooling	Btu/h	9000	9000	11000	11000	12000	
	Heating	Btu/h	-	9300	-	11600	12000	
EER	Cooling	W/W	2.78	2.72	2.6	2.67	2.58	
COP	Heating	W/W	-	3.29	-	2.96	2.98	
Net Dimension (WxDxH)	Indoor unit	mm	745×210×250	745×210×250	745×210×250	800×195×280	800×195×280	
	Outdoor unit	mm	680×225×482	680×225×482	715×235×540	715×235×540	812×256×540	
Packing Dimension (WxDxH)	Indoor unit	mm	835×278×330	835×278×330	835×278×330	865×275×358	865×358×275	
	Outdoor unit	mm	812×535×329	812×535×329	851×335×600	851×335×600	920×335×595	
Loading Capacity		40'HQ	Set	319	319	294	280	268

Africa Low Voltage

Model			18000BTU	18000BTU	21000BTU	21000BTU
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	18000	18000	21000	21000
	Heating	Btu/h	-	18000	-	21500
EER	Cooling	W/W	2.83	2.53	2.84	2.76
COP	Heating	W/W	-	3.29	-	3.15
Net Dimension (WxDxH)	Indoor unit	mm	900×222×296	900×222×296	900×222×296	900×222×296
	Outdoor unit	mm	812×256×540	812×256×540	850×295×605	870×310×700
Packing Dimension (WxDxH)	Indoor unit	mm	990×300×377	990×300×377	990×300×377	990×300×377
	Outdoor unit	mm	920×335×595	920×335×595	995×415×690	990×410×780
Loading Capacity		40'HQ	Set	240	174	162

Fast Cooling

The AC is operate in high-frequency when turning on which allow it could reach the setting temperature quickly and achieve fast cooling at 30 seconds.



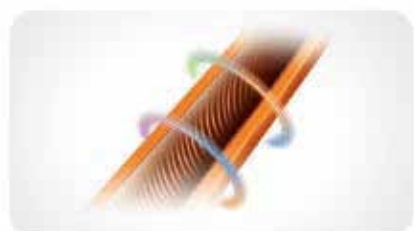
Self-diagnosis

Automatic detection of abnormal operation or components, fault codes will be displayed on the indoor unit.

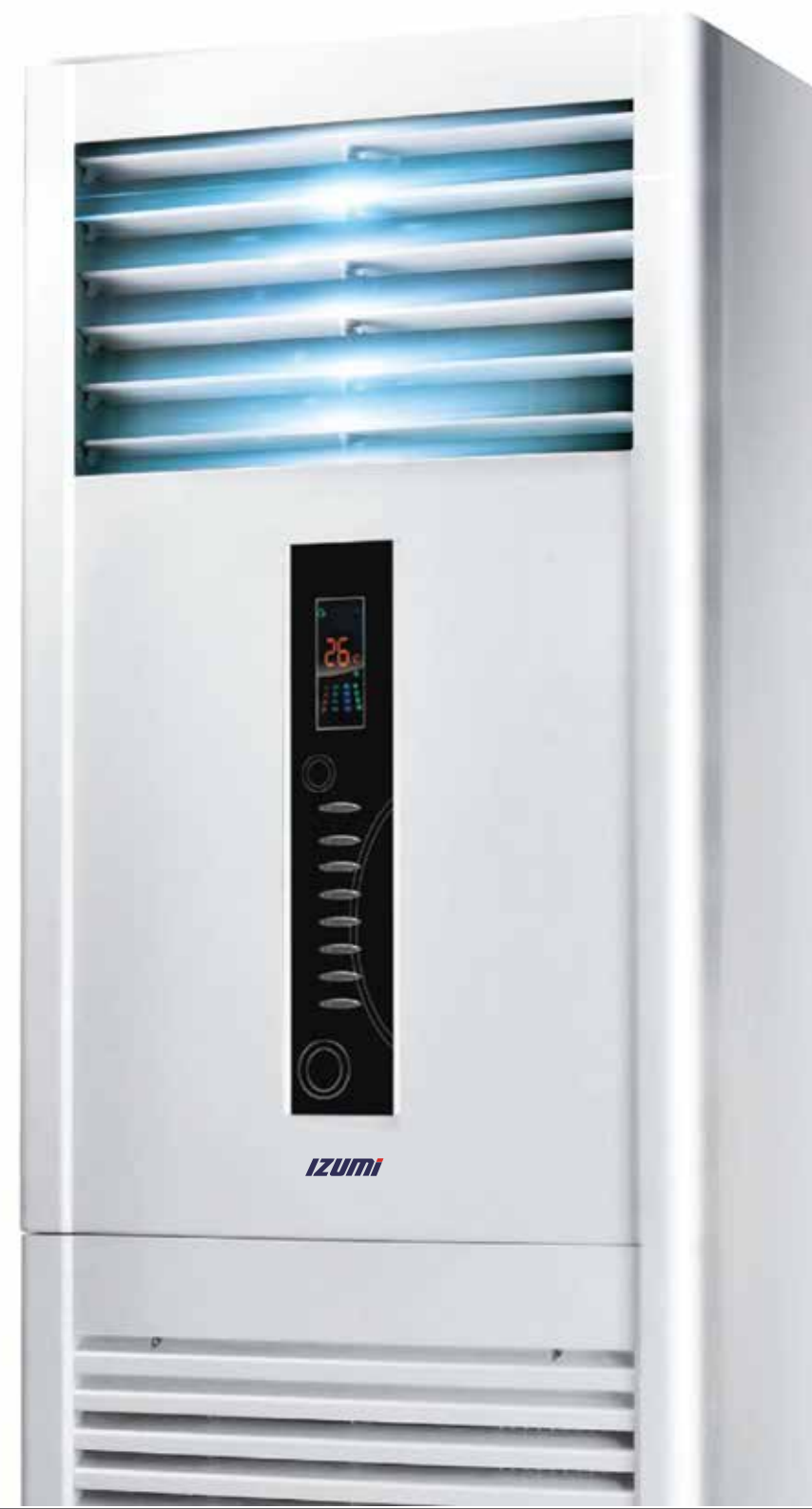


Inner-grooved Copper Tubes

High quality inner-grooved copper increases the surface area of the inner copper wall, significantly improving thermal conductivity (heat conductivity is 20%-30% higher than that of smooth tubes).



FLOOR STANDING AIR CONFITIONER



Standard



Optional

Europe On/Off

Model			25000BTU	42000BTU	48000BTU
Power Supply		V/Hz/Ph	220-240/50	380-V/50Hz/3PH	380V/50Hz/3PH
Capacity	Cooling	Btu/h	24600	40900	47800
		W	7200	12000	14000
	Heating	Btu/h	24600	45000	51200
		W	7200	13200	15000+2500
EER		W/W	2.56	2.87	3.01
COP		W/W	2.681564246	3.07	3
Net Dimension (WxHxD)	Indoor unit	mm	1690*520*210	600*313*1868	600*313*1868
	Outdoor unit	mm	870*310*700	970*345*1237	970*345*1237
Packing Dimension (WxHxD)	Indoor unit	mm	1950*655*360	750*520*2085	2085*750*520
	Outdoor unit	mm	990*410*780	1125*485*1385	1125*485*1385
Loading Capacity	40'HQ	Set	84	44	44

Europe Inverter

Model			26000BTU	42000BTU	42000BTU
Power Supply		V/Hz/Ph	220V~50HZ	3/380/50	3/380/50
Capacity	Cooling	Btu/h	25900	41600	41600
		W	7600(2600~8000)	12200(7000~13700)	12200(7000~13700)
	Heating	Btu/h	28700	42000	42000
		W	8400(3500~8600)	12300(6500~14000)+3000	12300(6500~14000)
EER		W/W	3.06	3.21	3.21
COP		W/W	3.4	3.61	3.61
Net Dimension (WxHxD)	Indoor unit	mm	1690*520*210	600*313*1868	600*313*1868
	Outdoor unit	mm	870*310*700	970*370*790	970*370*790
Packing Dimension (WxHxD)	Indoor unit	mm	1990*618*460	2100*730*480	2085*750*520
	Outdoor unit	mm	990*410*780	1120*485*890	1120*485*890
Loading Capacity	40'HQ	Set	75	54	52

Africa

Model			18000BTU	21000BTU	25000BTU	25000BTU
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	18000	21000	25000	25000
	Heating	Btu/h	-	-	-	-
EER	Cooling	W/W	2.65	2.65	2.60	3.21
COP	Heating	W/W	-	-	-	-
Net Dimension (WxDxH)	Indoor unit	mm	480*230*1652	480*230*1652	480*230x1652	520*360*1790
	Outdoor unit	mm	795*255*540	870*310*700	870x310x700	870x310x700
Packing Dimension (WxDxH)	Indoor unit	mm	1885*395*575	1885*415*575	575x3801850x	618*445*1990
	Outdoor unit	mm	920*335*595	990*410*780	990x410x780	990x410x780
Loading Capacity	40'HQ	Set	100	85	85	76

Africa

Model			40000BTU	40000BTU	50000BTU
Power Supply		V/Hz/Ph	380/50/3	380/50/3	380/50/3
Capacity	Cooling	Btu/h	40000	40000	50000
	Heating	Btu/h	-	45000	-
EER	Cooling	W/W	2.63	3.15	2.60
COP	Heating	W/W	-	3.15	-
Net Dimension (WxDxH)	Indoor unit	mm	600*313*1868	600*313*1868	600*313*1868
	Outdoor unit	mm	1000*350*990	970*345*1237	1000*350*990
Packing Dimension (WxDxH)	Indoor unit	mm	750*520*2085	750*520*2085	750*520*2085
	Outdoor unit	mm	1145*475*1120	1125*485*1385	1145*475*1120
Loading Capacity	40'HQ	Set	49	44	49



IZUMI
AIR CONDITIONER

Latin America Window Type 07

Model			9000BTU	12000BTU
Power Supply		V/Hz/Ph	230/50/1	230/50/1
Capacity	Cooling	Btu/h	9000	12000
	Heating	Btu/h	9000	12000
EER	Cooling	W/W	2.8	2.8
COP	Heating	W/W	2.8	2.8
" Dimension (WxHxD)"	Net	mm	456×345×557	610×385×565
	Packing	mm	494×435×607	700×440×625
Loading Capacity	40'HQ	Set	546	339

Latin America Window Type Brasil Class A

Model			9000BTU	12000BTU	9000BTU	12000BTU	18000BTU	21000BTU
Power Supply		V/Hz/Ph	127/60/1	127/60/1	220/60/1	220/60/1	220/60/1	220/60/1
Capacity	Cooling	Btu/h	9000	12000	9000	12000	18000	21000
	Heating	Btu/h	-	-	-	-	-	-
EER	Cooling	W/W	2.93	3.03	2.93	3.03	2.88	2.82
COP	Heating	W/W	-	-	-	-	-	-
" Dimension (WxHxD)"	Net	mm	456×345×557	610×385×565	456×345×557	610×385×565	660×435×690	660×435×690
	Packing	mm	494×435×607	700×440×625	494×435×607	700×440×625	740×512×770	740×512×770
Loading Capacity	40'HQ	Set	546	339	546	339	240	240

Africa Window Type

Model			7000BTU	7000BTU	9000BTU	9000BTU
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	7000	7000	9000	9000
	Heating	Btu/h	-	-	-	-
EER	Cooling	W/W	2.35	2.35	2.50	2.50
COP	Heating	W/W	-	-	-	-
Dimension (WxDxH)	Net	mm	456×557×345	456×557×345	456×557×345	456×557×345
	Packing	mm	494×607×435	494×607×435	494×607×435	494×607×435
Loading Capacity	40'HQ	Set	546	546	546	546

Africa Window Type

Model			12000BTU	12000BTU	18000BTU	18000BTU
Power Supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	12000	12000	18000	18000
	Heating	Btu/h	-	-	-	-
EER	Cooling	W/W	2.70	2.70	2.72	2.72
COP	Heating	W/W	-	-	-	-
Dimension (WxDxH)	Net	mm	606×564×386	606×564×386	660×690×435	660×690×435
	Packing	mm	700×625×440	700×625×440	740×770×512	740×770×512
Loading Capacity	40'HQ	Set	339	339	240	240



PORTABLE AIR
CONDITIONER



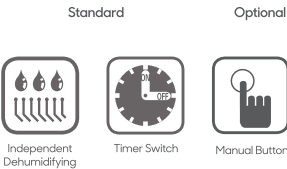
Compact Design

Compact and stylish exterior design, delivering a more elegant appearance.



Omni-directional Casters

Integrated rotating casters allow the AC unit to be moved around more freely.



Window type
Air Conditioners



360° Three Dimensional Air Delivery

360° air swing design allows air to reach every corner of a room within a wide angle.



Washable Filter

Patented disassembling technology offers easier detachment, so filter mesh may be cleaned at will.



Standard

Optional

Independent

Timer Switch

Manual Button

Lorem ipsum

North America Window Type

Model			5000BTU	6000BTU	8000BTU	10000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	115/60/1	115/60/1
Capacity	Cooling	Btu/h	5000	6000	8000	10200
	Heating	Btu/h	-	-	-	-
EER	Cooling	Btu/W	11	12.1	12	12
COP	Heating	Btu/W	-	-	-	-
Dimension (WxHxD)	Net	mm	410×300×385	473×322×393	484×366×494	484×366×546
		inch	16.14×11.81×15.16	18.62×12.68×15.47	19.06×14.41×19.45	19.06×14.41×21.50
	Packing	mm	455×437×380	585×380×460	570×435×541	535×435×578
		inch	17.91×17.20×14.96	23.03×14.96×18.11	22.44×17.13×21.30	21.06×17.13×22.76
Loading Capacity	40'HQ	Set	940	700	528	526

North America Window Type

Model			12000BTU	14500BTU	18000BTU	24000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	12000	14500	18000	24000
	Heating	Btu/h	-	-	-	-
EER	Cooling	Btu/W	12	11.8	11.8	10.3
COP	Heating	Btu/W	-	-	-	-
Dimension (WxHxD)	Net	mm	484×366×546	600×450×645	675×490×670	675×490×670
		inch	19.06×14.41×21.50	23.62×17.72×25.39	26.57×19.29×26.38	26.57×19.29×26.38
	Packing	mm	535×435×578	665×510×775	750×530×790	750×530×790
		inch	21.06×17.13×22.76	26.18×20.08×25.39	29.53×20.87×31.10	29.53×20.87×31.10
Loading Capacity	40'HQ	Set	526	267	225	225

North America Window Type

Model			8000BTU	10000BTU	10000BTU	12000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	230/60/1	115/60/1
Capacity	Cooling	Btu/h	8000	10000	10000	12000
	Heating	Btu/h	-	-	11800	-
EER	Cooling	Btu/W	11.6	10.6	10.6	9.5
COP	Heating	Btu/W	-	-	-	-
Dimension (WxHxD)	Net	mm	370×515×595	610×368×520	610×368×520	610×368×520
		inch	14.57×20.28×23.43	24.02×14.49×20.47	24.02×14.49×20.47	24.02×14.49×20.47
	Packing	mm	477×598×681	720×436×680	720×436×680	720×436×680
		inch	18.78×23.54×26.81	28.35×17.17×26.77	28.35×17.17×26.77	28.35×17.17×26.77
Loading Capacity	40'HQ	Set	336	306	306	306

North America Window Type

Model			12000BTU	14000BTU	14000BTU
Power Supply		V/Hz/Ph	230/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	12000	14000	14000
	Heating	Btu/h	11800	-	11800
EER	Cooling	Btu/W	9.5	9.3	9.3
COP	Heating	Btu/W	-	-	-
Dimension (WxHxD)	Net	mm	610×368×520	610×368×520	610×368×520
		inch	24.02×14.49×20.47	24.02×14.49×20.47	24.02×14.49×20.47
	Packing	mm	720×436×680	720×436×680	720×436×680
		inch	28.35×17.17×26.77	28.35×17.17×26.77	28.35×17.17×26.77
Loading Capacity	40'HQ	Set	306	306	306

Latin America Window Type 09

Model			5000BTU	8000BTU	12000BTU	12000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	115/60/1	220/60/1
Capacity	Cooling	Btu/h	5000	8000	12000	12000
	Heating	Btu/h	-	-	-	-
EER	Cooling	W/W	2.84	3.17	3.17	3.17
COP	Heating	W/W	-	-	-	-
" Dimension (WxHxD)"	Net	mm	410×300×344	473×322×393	484×366×546	484×366×546
	Packing	mm	480×380×400	585×380×460	582×430×625	582×430×625
Loading Capacity	40'HQ	Set	980	700	456	456

Window type Air Conditioners



360° Three Dimensional Air Delivery

360° air swing design allows air to reach every corner of a room within a wide angle.



Washable Filter

Patented disassembling technology offers easier detachment, so filter mesh may be cleaned at will.



Standard

Optional

Independent Dehumidifying

Timer Switch

Manual Button

North America Window Type

Model			5000BTU	6000BTU	8000BTU	10000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	115/60/1	115/60/1
Capacity	Cooling	Btu/h	5000	6000	8000	10200
	Heating	Btu/h	-	-	-	-
EER	Cooling	Btu/W	11	12.1	12	12
COP	Heating	Btu/W	-	-	-	-
Dimension (WxHxD)	Net	mm	410×300×385	473×322×393	484×366×494	484×366×546
		inch	16.14×11.81×15.16	18.62×12.68×15.47	19.06×14.41×19.45	19.06×14.41×21.50
	Packing	mm	455×437×380	585×380×460	570×435×541	535×435×578
		inch	17.91×17.20×14.96	23.03×14.96×18.11	22.44×17.13×21.30	21.06×17.13×22.76
Loading Capacity	40'HQ	Set	940	700	528	526

North America Window Type

Model			12000BTU	14500BTU	18000BTU	24000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	12000	14500	18000	24000
	Heating	Btu/h	-	-	-	-
EER	Cooling	Btu/W	12	11.8	11.8	10.3
COP	Heating	Btu/W	-	-	-	-
Dimension (WxHxD)	Net	mm	484×366×546	600×450×645	675×490×670	675×490×670
		inch	19.06×14.41×21.50	23.62×17.72×25.39	26.57×19.29×26.38	26.57×19.29×26.38
	Packing	mm	535×435×578	665×510×775	750×530×790	750×530×790
		inch	21.06×17.13×22.76	26.18×20.08×25.39	29.53×20.87×31.10	29.53×20.87×31.10
Loading Capacity	40'HQ	Set	526	267	225	225

North America Window Type

Model			8000BTU	10000BTU	10000BTU	12000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	230/60/1	115/60/1
Capacity	Cooling	Btu/h	8000	10000	10000	12000
	Heating	Btu/h	-	-	11800	-
EER	Cooling	Btu/W	11.6	10.6	10.6	9.5
COP	Heating	Btu/W	-	-	-	-
Dimension (WxHxD)	Net	mm	370×515×595	610×368×520	610×368×520	610×368×520
		inch	14.57×20.28×23.43	24.02×14.49×20.47	24.02×14.49×20.47	24.02×14.49×20.47
	Packing	mm	477×598×681	720×436×680	720×436×680	720×436×680
		inch	18.78×23.54×26.81	28.35×17.17×26.77	28.35×17.17×26.77	28.35×17.17×26.77
Loading Capacity	40'HQ	Set	336	306	306	306

North America Window Type

Model			12000BTU	14000BTU	14000BTU
Power Supply		V/Hz/Ph	230/60/1	230/60/1	230/60/1
Capacity	Cooling	Btu/h	12000	14000	14000
	Heating	Btu/h	11800	-	11800
EER	Cooling	Btu/W	9.5	9.3	9.3
COP	Heating	Btu/W	-	-	-
Dimension (WxHxD)	Net	mm	610×368×520	610×368×520	610×368×520
		inch	24.02×14.49×20.47	24.02×14.49×20.47	24.02×14.49×20.47
	Packing	mm	720×436×680	720×436×680	720×436×680
		inch	28.35×17.17×26.77	28.35×17.17×26.77	28.35×17.17×26.77
Loading Capacity	40'HQ	Set	306	306	306

Latin America Window Type 09

Model			5000BTU	8000BTU	12000BTU	12000BTU
Power Supply		V/Hz/Ph	115/60/1	115/60/1	115/60/1	220/60/1
Capacity	Cooling	Btu/h	5000	8000	12000	12000
	Heating	Btu/h	-	-	-	-
EER	Cooling	W/W	2.84	3.17	3.17	3.17
COP	Heating	W/W	-	-	-	-
" Dimension (WxHxD)"	Net	mm	410×300×344	473×322×393	484×366×546	484×366×546
	Packing	mm	480×380×400	585×380×460	582×430×625	582×430×625
Loading Capacity	40'HQ	Set	980	700	456	456