

When air changes the quality of life,
imagination lives



Experience the best of nature at home with
Samsung's unique cooling technology.

When air changes the quality of life, *imagination lives*

This is made of **50%** recycled paper.




SAMSUNG
Air Conditioner 2009

SAMSUNG ELECTRONICS CO., LTD.

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SAMSUNG



C oncerned with the environment and human safety, Samsung has created a new eco-friendly air conditioner. Combining eco-thinking and Samsung's innovative technologies, the new Samsung air conditioner exudes green freshness. Through increased energy efficiency, you also save money without sacrificing cool comfort.

Thinking higher For you

Since day one, Samsung Electronics has committed itself to becoming a leader in every facet of its market initiatives. The result is the growth of a brand that's synonymous with impeccable standards, high quality products, and an unwavering dedication to the customer. Through continuous creativity and the development of highly innovative products, Samsung has captured the hearts and minds of customers worldwide, which will propel our company and our brand well into the future.

Brand marketing

_To become the brand most appreciated by people all around the world, Samsung Electronics is carrying out consistent and aggressive brand marketing. We will grow into a premium brand that elicits exceptional pride from those who own our products, through our commitment to innovative customer-focused marketing.



**BIGGEST GLOBAL
BRAND VALUE**

US\$17.7 Billion

BusinessWeek/Interbrand survey of "Best Global Brands"

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Samsung Digital Appliance

_At Samsung Electronics, satisfying the needs of our customers is our top priority. By developing innovative products that enhance the lives of our customers worldwide, we have made pioneering moves in the digital appliances market, whose impact will be felt for many years to come. Stylishly designed, well equipped with convenient features, and environmentally friendly, our digital appliances are tailor-made with our customers at the forefront of our thinking.

Samsung Electronics Home Appliance Product Winning Awards.



PHILOSOPHY & POLICY



_Samsung Electronics has adopted the Green Management initiative to do our part in protecting the environment. As a responsible corporate citizen, we carry out a wide range of environmental activities which extend to our worksites both inside and outside of Korea, as well as our suppliers and local communities. Based on an underlying respect for people and nature, our business endeavors are intended to enhance quality of life and preserve our planet. Our objective is to contribute to the sustainable development of mankind.

1. Green Management Policy

_Our Green Management program consists of five areas: Greening of Management, Greening of Products, Greening of Processes, Greening of Workplaces, and Greening of Communities. As stated in our Green Management policy, we recognize that the environment, safety and health are an integral part of our operations. That belief serves as the basis of all business activities and is guiding us toward building a better and cleaner world.

[Green Management Policy]

_Based on the reverence for life, all of our business activities observe our Green Management Policy, which encourages respect for nature and contributes to the prosperity of human life and conservation of the environment. The Company plays a leading role in creating a sustainable society by recognizing and implementing the environment, safety and health as crucial factors in all our business endeavors.

1. Operation of Green Management system

Under the Green Management system, we continue to make efforts to improve how we manage environment, safety and health impacts occurring in production and service. We have committed to periodically publish the performance results of our Green Management system.

2. Compliance with local and international regulations

We apply rigorous standards in the management of matters pertaining to the environment and safety. In addition, we strive to faithfully observe relevant laws, regulations and international agreements in order to be a good corporate citizen.

3. Fulfillment of life cycle responsibility for products and services

We will fulfill our responsibilities for our products and services, with environment and safety conscious designs, use of environment-friendly materials and the recycling of end-of-life products.

4. Continuous improvement of environmental aspects

We will continue to minimize the use of resources and energy through clean production technologies. The development of new advanced technology is used to reduce the output of substances known to cause negative environmental impacts such as carbon dioxide.

5. Realization of a safe and pleasant workplace

We will do what we can to prevent environmental or safety-related accidents and foster a safe and pleasant workplace to help improve employee health and quality of life.

6. Solid partnership with suppliers and contribution to the community

We will cooperate with suppliers in fulfilling Green Management policy, and will maintain excellent partnerships with them. This includes carrying out joint activities for environmental conservation and development of the local communities.



FOCUS AREAS



_We are seeing heightened interest in the environment amid the growing spotlight on global warming. In line with worldwide trends, Samsung Electronics is making various efforts to address climate change. Our environmental stewardship includes the development of eco-friendly products and seeking ways to minimize environmental impacts throughout a product's life cycle.

1. Responding to Climate Change

_The 1992 Rio Declaration on Environment and Development highlighted the issue of regulating substances that contribute to global warming. Two years later, in March 1994, the Convention on Climate Change went into force. This agreement is aimed at curbing the emission of greenhouse gases, which have a direct impact on climate change. Under the treaty's Kyoto Protocol, 38 signatory countries are required to reduce their greenhouse gas emissions. Between 2008 and 2012, their combined emissions must be lowered by 5.2% from the 1990 levels. As one of the global leaders of the information era, Samsung Electronics has introduced the "Catch CO² Project," a voluntary initiative to reduce our CO² emissions. We are also making efforts to make more efficient electronic products and curb the use of materials with high global warming potential (GWP).

_Samsung Electronics strives to curtail the discharge of substances that cause global warming, with a particular focus on CO² emission, during the manufacturing processes. We have also been a leader in energy conservation efforts through company-wide energy saving initiatives.

2. Minimizing Environmental Impacts

_The environmental impacts of a product are generally determined during the development phase. This means environmental factors should be incorporated during the development process. Samsung Electronics takes a whole life approach and promotes diverse techniques and activities so that environmental impacts are minimized throughout the product life cycle. We have adopted an environmental management program to minimize the generation of environmental pollutants during the manufacturing process. The program includes rigorous control at the source of generation and process enhancement. At the same time, we are expanding in-house treatment and recycling facilities under the principle that waste materials should be handled by the party that generates them. These measures are in line with our basic stance of conserving resources and nature.

[Environment and Safety Certification (in Korea)]

Plant	Environmentally Friendly Company	ISO 14001	OHSAS 18001
Gwangju	1996.01	1996.10	2002.10

[Environment and Safety Certification (overseas)]

Region	Name	Product	Date of Acquisition		Certification by
			ISO 14001	OHSAS 18001	
Mexico	SEM	REF, A/C, W/M	2004.11.24	2006.06.17	UL
Thailand	TSE	CTV, REF, RAC, W/M, MWO	2001.12.01	2003.11.04	UL
India	SIEL	CTV, MWO, C/M	2000.06.01	2003.08.27	KPMG/BQR
China	SSEC	REF, W/M, RAC, MWO	2003.11.25	2005.06.16	CQC



3. Developing Environment-Friendly Products

Along with function, price, quality and design, the environment is a key consideration in our product development process. This reflects our commitment to lessen environmental impacts throughout a product's life cycle, from raw material procurement and production to transportation, usage and end-of-life disposal. We take a whole life approach to minimizing the burden on our ecosystems.

Eco-design tools and hazardous substance controls are implemented from the initial development stage. We also take steps for transparent disclosure of environmental information and actively promote the recovery and reuse of waste products.

[Basic Direction for Environment-Friendly Product Development]

Category	Basic Direction
Resource efficiency	-Conserve resources used in product development, reduce the number of consumable parts required during product use, maximize recycling of end-of-life products -Evaluate recycling potential, indicate the names of plastic component materials, pursue activities to reduce the number and weight of materials used
Environmental hazard	-Implement controls and seek improvement measures to minimize the use and emission of substances that pose a risk to the environment and human health -Ban the use of six hazardous substances (lead, mercury, cadmium, hexavalent chromium, PBB, PBDE) -Reduce the use of halogen flame retardant -Ban the use of four metals in packaging materials (lead, mercury, cadmium, hexavalent chromium) -Curb the generation of VOC and noise during product use
Energy efficiency	-Minimize energy consumption while product is in use or standby mode
Other	-Acquire environmental certification (eg, environmental mark, energy mark), provide transparent disclosure of a product's environmental information -Develop innovative products using environment-friendly materials and technologies

[Examples of Environment-Friendly Products]

_Energy efficient system air conditioner using environment-friendly refrigerant. The DVM-Plus || (RVXVHT100GA) system air conditioner for mid to large-sized buildings features a high-efficiency cycle technology to automatically control output depending on the cooling/heating load.

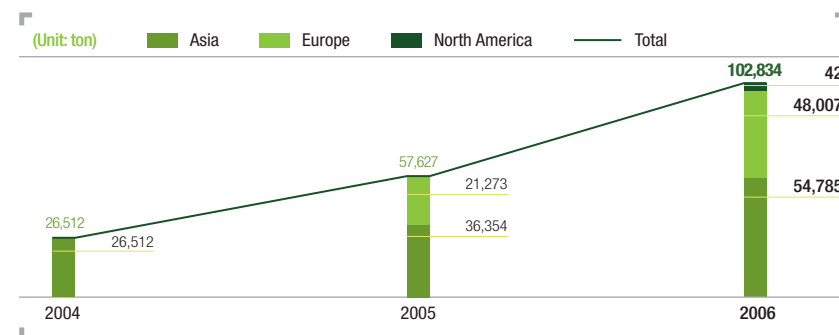
_This resulted in the world's highest energy efficiency rates (cooling efficiency 3.18, heating efficiency 4.32). The product optimizes efficiency by area in the main usage sites (50~70%). Additionally, the air conditioner is friendly for the environment, using non-ozone depleting refrigerant, R-410a.

[Domestic and Global Recycling Activities]

_To protect the environment and fulfill our social responsibilities, we not only fully comply with regulations regarding the recycling of electronic waste, but also operate a voluntary collection/recycling system for electronic waste. We are also attempting to develop products that are easier to recycle from the design and manufacturing phase.

_Samsung Electronics is a supporter of the IPR (Individual Producer Responsibility) system which promotes these activities. While many countries around the world are not able to introduce IPR due to operational issues, Samsung Electronics will continue to work to develop environment-friendly products and minimize electronic waste to promote efficient individual producer responsibility.

[Annual Recycling Volume]



Recycling Mark

*Asia refers to recycling numbers from mainly Korea and Japan, while North America shows recycling activities from Maine and results of SEA's collection campaign (results from California, Minnesota, New Jersey and Canada are not reflected).

'Greener Electronics' ranking by Greenpeace

_Greenpeace first released their 'Guide to Greener Electronics' in August 2006. The guide ranks the 18 top manufacturers of Digital media & appliances according to their policies on toxic chemicals, recycling and climate change.



- 7.0 **Nokia** / Clear leader after improving take-back in India.
- 5.7 SAMSUNG** / Good scores on chemicals and e-waste criteria.
- 5.5 **Fujitsu Siemens** / New deadline for removal of BFRs and PVC but still poor on recycling.
- 5.3 **Sony Ericsson** / Good on toxic chemicals and energy but very poor on recycling.
- Sony** / Good on toxic chemicals, room for improvement on energy.
- 4.9 **LG** / Improved score on recycling and energy.
- 4.7 **Toshiba** / Improved climate policy, but poor on recycling.
- Dell** / Dropping down with poor scores on climate policy.
- HP** / Slightly improved score but no products free of most toxic chemicals.
- 4.5 **Acer** / Good on chemicals policy but poor on energy policy.
- Panasonic** / Needs to improve recycling and amount of renewable energy.
- 4.3 **Philips** / worst company on recycling with additional penalty for negative lobbying in Europe.
- 4.1 **Apple** / progress on eliminating toxics from new products but needs to improve on recycling and energy.
- Lenovo** / New US take back scheme, but still no products free of worst toxic chemicals.
- 3.7 **Motorola** / Only phone company not to set a timeline for eliminating worst toxic chemicals.
- 3.1 **Sharp** / Most points on toxic chemicals, poor on recycling and energy.
- 2.2 **Microsoft** / Very poor on recycling and energy.
- 0.8 **Nintendo** / Zero on most criteria except chemicals management and energy.

[Standard for the second quarter, 2008]

For more information click here!!

<http://www.greenpeace.org/international/campaigns/toxics/electronics/how-the-companies-line-up>



Sophisticated beauty anywhere



The interior design of your home adds a lot to personal comfort and appeal. Since the air conditioner is a large part of that interior, Samsung provides you with a variety of air conditioners with stylish, sophisticated designs, while paying attention to high performance and health. Samsung's air conditioners represent cool, clean, healthy freshness in everyday living.

MPI [Micro Plasma Ion]

Samsung Micro Plasma Ion system, an advanced air purifying technology, offers you fresh, clean air you can enjoy.

MPI (Micro Plasma Ion) improves your Indoor Air Quality (IAQ) by eliminating the biological contaminants that threaten your health such as viruses, bacteria, and allergy-causing agents.



MPI system with outstanding results.

Creation of an intensely purified zone

This innovative MPI technology even eliminates most airborne particles, including viruses, bacteria, fungi and even allergens that filters couldn't trap, keeping you protected and healthy.

Protection against disease

By eliminating biological contaminants, your family is protected from toxins that cause sickness, which means less headaches and runny noses.

Safe from allergy-causing agents

No need to worry about allergy-causing agents. Make your home an allergy-free haven.

Controls active oxygen radical (OH-radical)

Although vital to the body, active oxygen in excess can cause disease, cancer, and accelerated aging. Keep oxygen in balance and protect yourself.

Fresh air keeps your family healthy.

For people sensitive to toxins

MPI is recommended for people who often feel sick from Biological contaminants in the air. Reducing the level of toxins in the air minimizes irritation.

For Children and Elderly people

More sensitive to viruses, children and the elderly require better protection, which the Micro Plasma Ion offers.


For Allergy-Sufferers


MPI effectively removes allergic agents, so you always have fresh air even with pets in the house.


Do you know that harmful substances and viruses breed in the space you live in?


Micro Plasma Ion improves your indoor air quality and eliminates all your worries.





- 

Active oxygen: Speeds up the skin aging process
- 

Dust in the air: Causes asthma, headache and bronchitis
- 

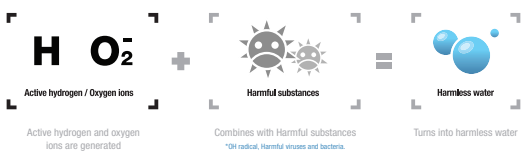
Airborne bacteria and viruses: Causes various diseases such as influenza, chicken pox, SARS.
- 

Bacteria: Causing a variety of diseases and symptoms
- 

Molds: Nurtures and spreads harmful viruses and ticks
- 

High-allergen agents: Causes skin irritations, respiratory problems diverse allergies

How Micro Plasma Ion System technology Works



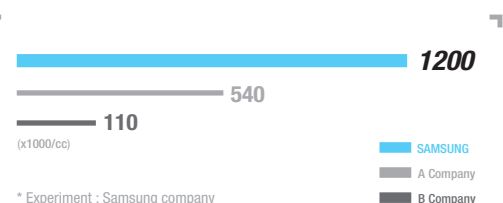
Samsung MPI Wide Coverage



How does Samsung MPI Technology compare to other ion systems?

- 01/Superb coverage.** The MPI system purifies over 19.16m³ of space compared to its competitors.
- 02/Excellent purification performance.** The MPI system generates more ions, making it more effective in purifying the air.
- 03/See the MPI system at work.** A blue light illuminates to signal the purification of the air.

More Ions. Wide coverage



Globally recognized air purification technology

In limited spaces like automobiles, airplanes and elevators, the MPI system exhibits its outstanding technology by providing the highest level of fresh clean air.

MPI Technology applied to Renault Samsung automobiles

SM7 and SM5, high-end Renault Samsung automobiles, have adopted MPI technology to reduce toxins in its closed space. In car testing, 78% of mold and 58% of bacteria are eliminated with only 30 minutes of use within the car.

MPI technology selected for "Environment Research for Passenger Aircraft Cabins"

Sponsored by the U.S. government, ACER: Airliner Cabin Environment Research is dedicated to finding methods to reduce air cabin toxins. Samsung's MPI technology is the only foreign company chosen for project applications, which attests to the superior safety features of MPI.

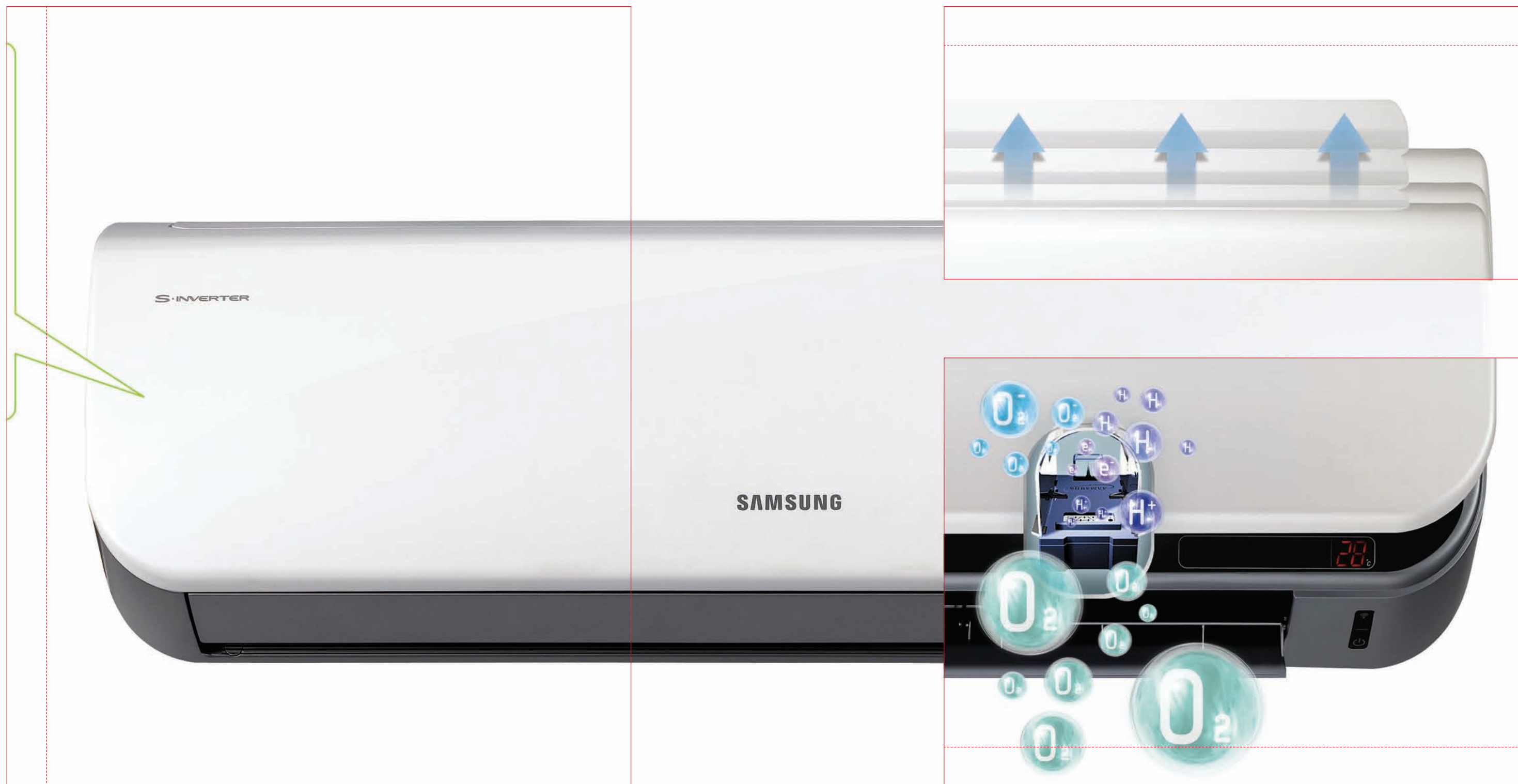
Micro Plasma Ion Acknowledged by Public Organizations



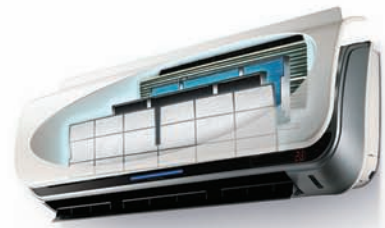
- 01** Seal of Approval on Removal of Airborne Allergens / Test institute: BAF (The British Allergy Foundation), Chamber size (19.16m³), Relative humidity: 69%, temperature: 20°C
- 02** Active Oxygen (OH Radical) Elimination / Reported at the 7th Colloquium ASA Sept. 2005 France.
- 03** Atomic Hydrogen Generation / Reported at the 2nd International Workshop on Cold Atmospheric Pressure Plasmas, August 30, Bruges, Belgium.

Health Care System

The Samsung air conditioner line guarantees you're only breathing clean, refreshing air by purifying the air of contaminants not once, but various times. The Auto Roof Shutter keeps dirt from getting inside. The biological contaminants in the air are filtered out by the MPI system and converted into harmless water molecules and later dissipated. Finally, the multi-step filters remove harmful chemical contaminants with multiple filters.



Wing_Front

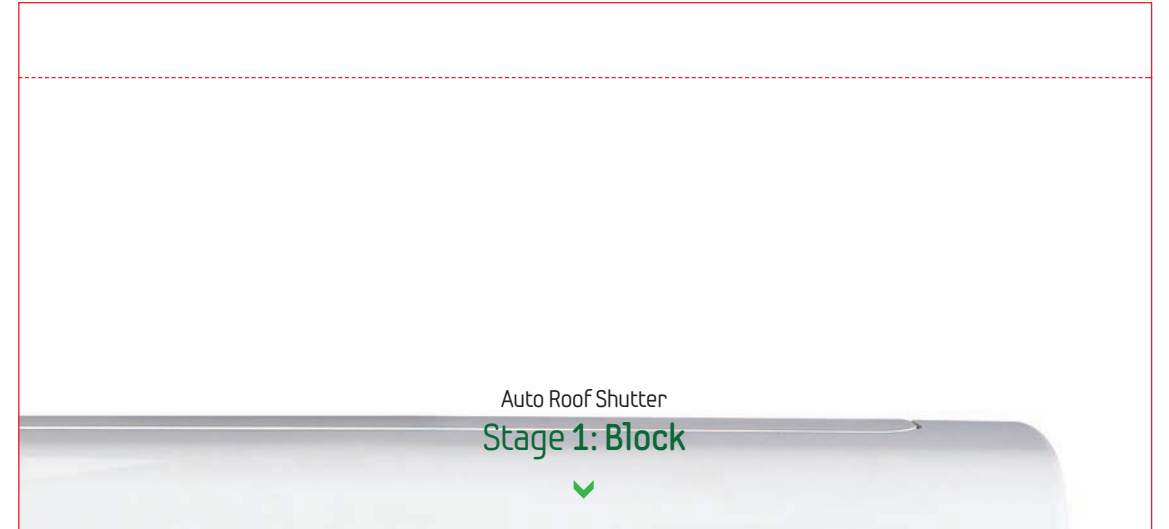


5-Step Air Purifying System

The Multi-Step Air Purifying System removes most harmful elements by using various filters and keeps it ultra-clean.



Stage 3: Purify >
5-Step . Air Purifying System



Auto Roof Shutter
Stage 1: Block
▼



Stage 2: Remove
MPI Zone . Micro Plasma Ion

MICRO PLASMA IONIZER
AUTO ROOF SHUTTER

Wing_Back

5-Step Air Purifying System

Step 01 / Silver Coated Filter

Silver has been widely recognized for its antibacterial and sanitization effects. Samsung has coated its filter with silver to prevent the spread of bacteria and viruses that can reside in filters.

Step 02 / Silver Nano Evaporator (Optional)

- The new H-Fin technology enhances the power of removing bacteria
- The heat exchanging function is upgraded.
- Samsung applied the chrome-free evaporator to all products from 2005.

Step 03 / DNA or Catechin Filter

The DNA structure possesses qualities in absorbing and eliminating microscopic carcinogenic agents. Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and unpleasant odors.

Step 04 / Deodorizing Filter

Activated carbon is incorporated in the filter, efficiently absorbing all odors.

Step 05 / MPI Zone (Optional)

The MPI system, an advanced air purifying system, has been proven effective in exterminating harmful germs and allergy-causing particles in the air.



Auto Cleaning

Does your air conditioner ever smell? Bacteria and mildew often grow in air conditioners, which cause an unpleasant odor in the air. How can you keep your air conditioner clean and working like new? The answer lies in Samsung air conditioner's Auto-Clean function. When the air conditioner is off, it stays clean by continuing to dry internally, which protects against bacteria and mildew growth.



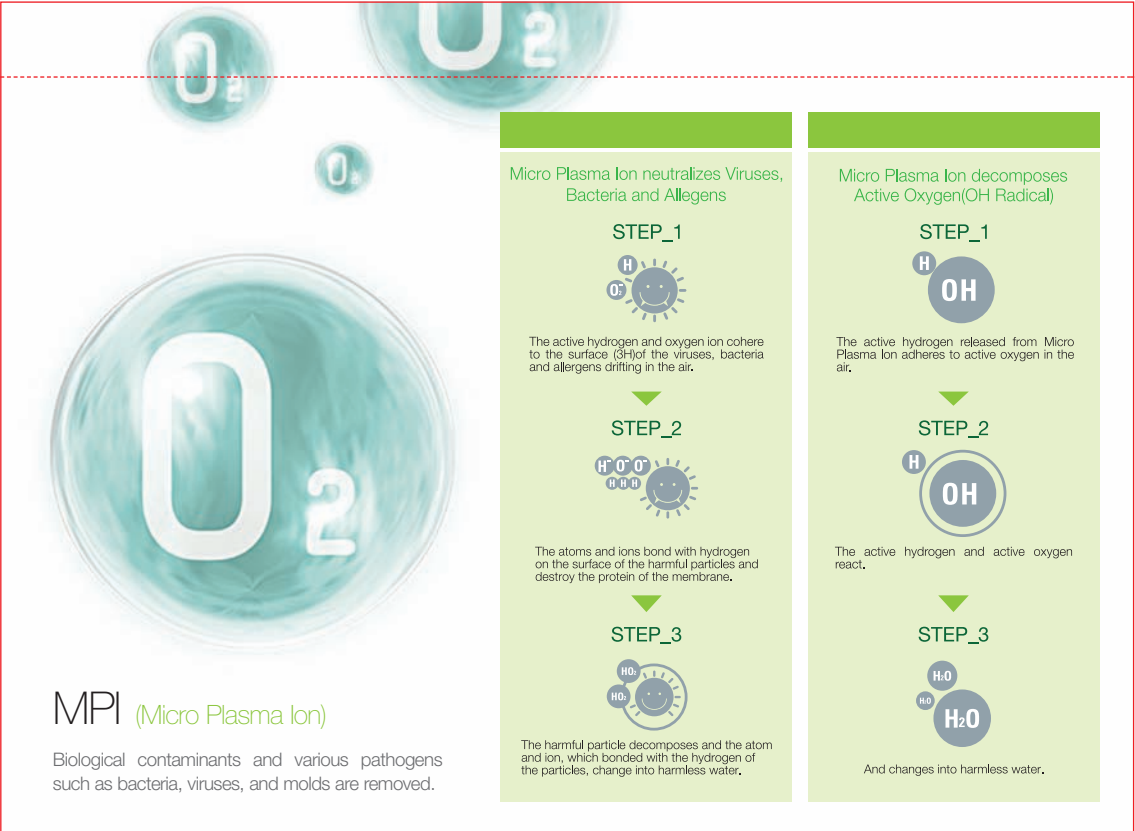
Filter Cleaning Indicator (Crystal exclusive)

Always know when to clean the filter. The Filter Clean Indicator automatically alerts you when the filter needs to be cleaned with its illuminating blue light, usually after about 500 hours of use. Now, you can always keep your air conditioner clean.



Auto Roof Shutter

Samsung's innovative Auto Roof Shutter seals off the air conditioner so that it is impenetrable to dust, which keeps the vents and fan clean so you only get clean air when in use. This sealed design also makes the air conditioner aesthetically pleasing when closed since everything is hidden out of sight.



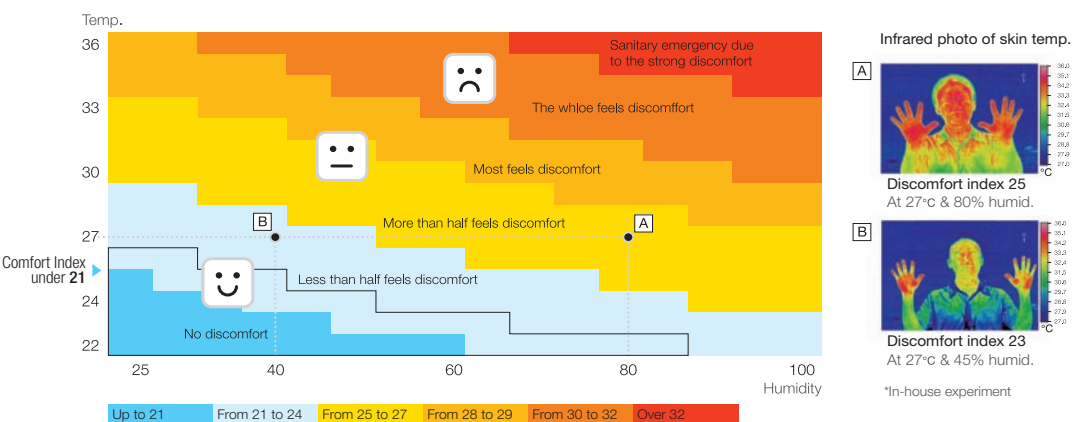
Comfort Care

Experience pure comfort with the Samsung air conditioner. With a balance of temperature and humidity levels, the air is always comfortably refreshing.

Comfort Index under 21

Simply controlling the temperature does not guarantee comfort. People can feel comfort or discomfort even at the same temperature due to the varying level of humidity in the air. Understanding this and that the ideal composite index is under 21, Samsung has created 'Comfort Care' technology that not only provides powerful cooling power, but automatically adjusts humidity so that you're truly comfortably cool.

Thom's Discomfort Index: Comfort level can vary under the same temperature, depending on humidity.



Not too hot, not too cold, just perfect

Too much air conditioning is not only hazardous to your health, but hazardous to the environment as it wastes energy. Samsung's Crystal Air Conditioner uses the least amount of energy to maintain comfort levels so you and the environment stay healthy.

No more wasteful cooling

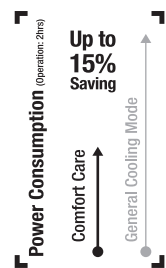
- 01**/Customized cooling, which reduces energy waste.
- 02**/No need to reset the temperature with automatic temperature control.
- 03**/Accurately measures humidity and temperature to maintain the ideal comfort index.

How Comfort Care works

- 01**/It first measures the humidity and temperature of the room.
- 02**/Then it calculates what temperature and humidity is needed to reach the comfort index.
- 03**/Comfort Care adjusts the temperature and humidity automatically until the comfort index is reached.

Room Humidity indicator

Easily check the room humidity level by a simple check of the humidity signal.



Add comfort and refreshment
to your routine

Optimal temperatures for a good night's sleep!

Samsung's Good'sleep II ensures your environment stays at the most comfortable temperature with automatic moisture adjustment to guarantee a good night's sleep.



Deep sleep for a refreshed morning



Your condition in the morning reads of the night before. With Good'sleep II, all your mornings will be bright and refreshing regardless of the stress of the day before. A great night's sleep guarantees more energy.

Why is the Good'sleep II Good?

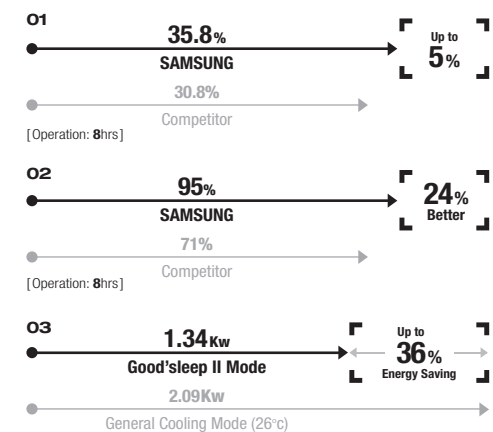
If you sleep with the air conditioner off, it gets too hot. If it's on, it gets too cold. How do you stay comfortable? With Samsung's Good'sleep II, the room temperature automatically adjusts to your body temperature so you stay comfortable. It even saves more than 36% in electricity costs.

Enjoy a pleasant night's sleep

01/Sleep Efficiency_The Good'sleep II increases sleep efficiency compared with competitors.

02/Pleasant Skin Temperature_Those who are sensitive to temperature. Those who suffer from insomnia.

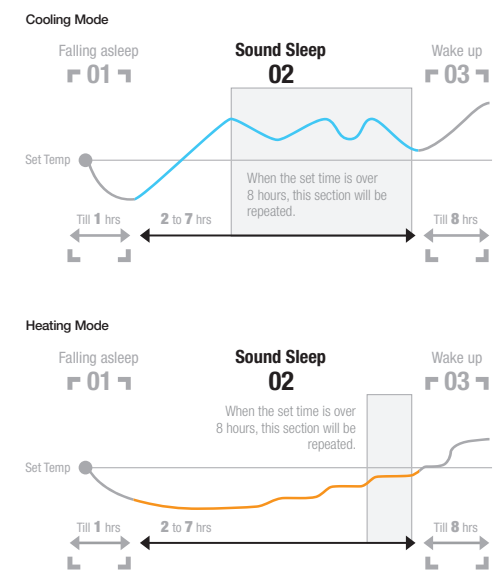
03/Energy Saving_The Good'sleep II reduces up to 36% of electricity consumption compared with a normal cooling mode.



- 01_Sleep Efficiency
- 02_Pleasant Skin Temperature
- 03_Energy Saving

Best temperature for deep sleep

According to the stage of sleep, temperatures are adjusted so you fall into deep sleep faster and get up more refreshed in the morning for a great start to your day.



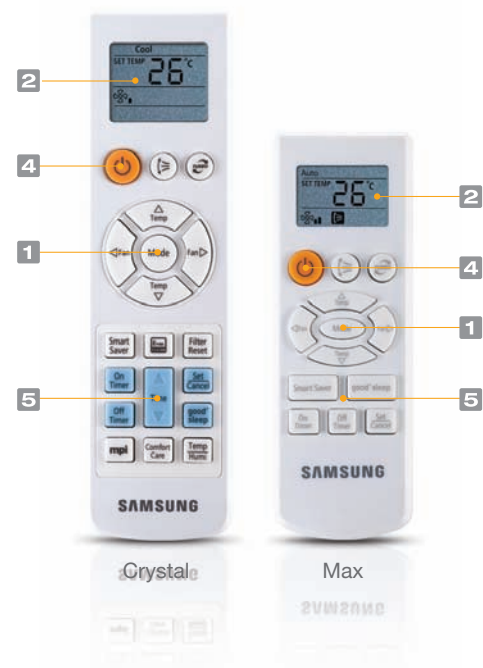
- 01_Falling asleep stage: Eases you into sleep by dropping the temperature.
- 02_Sound sleep stage: Relaxes your body and raises your temperature slightly.
- 03_Wake up stage: Allows you to wake up from comfortable intermittent air and it makes you feel refreshed.

Good for summer night! Good'sleep II

- 01/Less Chance of Catching Cold.
- 02/Less Chance of Waking-up Due to Cold.
- 03/Savings in Electricity

Special Remote Control

It's an ergonomic and innovative remote control with better design, easy grip, soft touch buttons, easy-view display, and more. All these benefits in a convenient, light weight design that fits in the palm of your hand.



Key information

The remote control you've been waiting for is here.

01/Navigation Key

With an easy to control, circular navigation-key pad, anyone can use it from children to the old.

02/Easy view Display

Bigger, clearer numbers and icons add to better visibility.

03/Ergonomic Design

It is designed for comfortable grip and size.

04/Power Button

Orange colored power button makes it easy to see.

05/Bigger Buttons

Larger buttons for easier use.

06/Sleek Design

Simple minimalist design for overall user ease.



Better control, bigger
cooling satisfaction

Silent operation, energy saving & Stable run with the S-Inverter

Samsung's S-Inverter technology lowered energy consumption by up to 50% and its powerful control lets you reach the desired temperature quickly and maintains precise temperatures.

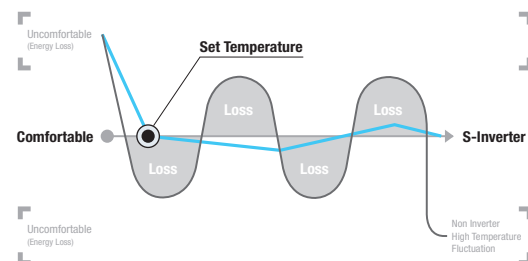
Saves more energy



Save energy like a yacht that uses natural power, so satisfy two desires, saving energy and staying cool, at once with the S-Inverter.

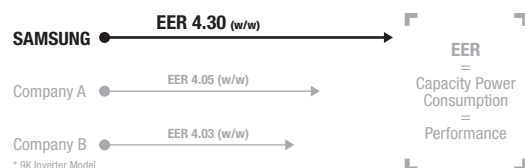
Stable! Comfortable Temperature

The S-Inverter Air Conditioner works at maximum capacity at start up. As soon as the temperature reaches the desired set temperature, it finely adjusts to cope with any changes. This means less temperature fluctuation and assures you greater comfort that can be achieved in minutes.



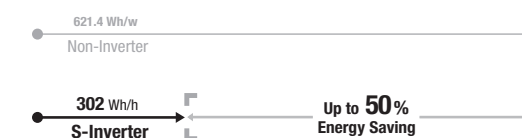
Saving! High Efficiency

The S-Inverter technology gives you powerful, speedy cooling and heating at minimum electricity consumption, so you can reduce energy waste and save money.



Up to 50% Energy Saving

After reaching the set temperature, the S-Inverter Air Conditioner changes its operation mode to economic. By avoiding inefficient and frequent switching on and off of the compressor, the S-Inverter saves up to 50% in energy consumption compared with a non-inverter air conditioner.

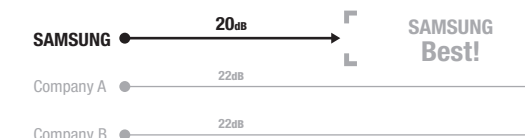


Fast Cooling and Heating

When you change the temperature setting, the air conditioner will use the compressor's maximum capacity to quickly reach the desired temperature, resulting in 15% faster cooling and 50% faster heating.

Silent! Quieter operation

Enjoy the sweet silent Operation of your air conditioner, the air conditioner's compressor works at a lower speed to maintain the temperature resulting in a quieter motor and fan noise assuring greater comfort while in use.



Wide Temperature Performance

No need to worry about using an external unit in severe temperatures with a Samsung air conditioner. With a wider temperature allowance, the unit can cool in the burning heat of 43°C or heat in the freezing coldness of -15°C to provide comfort in your home.

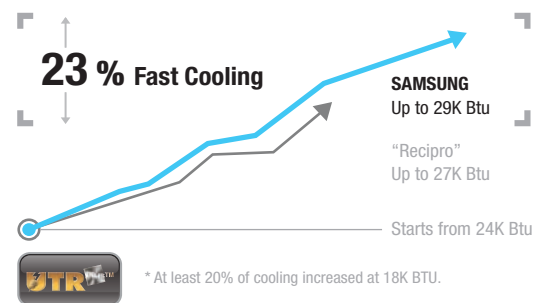
Samsung's Powerful UTR Plus™ for Rapid Cooling

Samsung developed the UTR (Ultra Tropical Rotary) Plus™ compressor featuring incredible power that can quickly cool even in severe climates. The UTR Plus™ has the reliability to maintain superb performance even in severe temperatures of up to about 60°C/140°F for a long time.

Comfortable Temperature

Even under extreme temperatures, customers can rely on their air conditioner's performance to provide quick cooling.

Increased Power



Longer Life

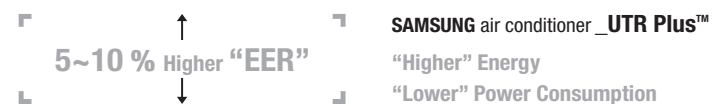
The lifetime of the UTR Plus™ compressor has been extended so you can enjoy the performance of your air conditioner much longer.

Performance ; Reliability Certificate

Certificate received from the Center for Environmental Energy Engineering (CEEE), University of Maryland, USA. Test results for performance and reliability concluded that Samsung's UTR Plus™ compressor showed bearing performance and resultant expected field life 80% to 100% better than that of commercial-ly available reciprocating compressors.

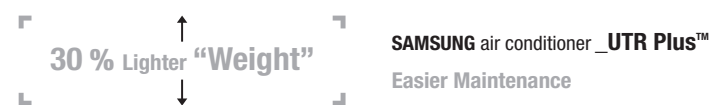
Compressor ; High Efficiency

EER : 5-10% higher than Reciprocating Compressors
The UTR Plus™ compressor has increased energy capacity and decreased power consumption.



Lighter Weight ; Easy Maintenance

The UTR Plus™ compressor, comprised of innovative and durable yet light weight materials, allows for stress-free maintenance and easy installation.



No need to turn off the air conditioner to save electricity with the Smart Saver!

You don't have to worry about your electricity bills when using a Samsung air conditioner. You no longer have to turn off your air conditioner when you feel the room is cool enough and turn it back on again when the air is not comfortable anymore to save electricity.

Save up to 31% on your electricity bill with the Smart Saver.

You no longer have to turn off your air conditioner when you feel the room is cool enough and turn it back on again when the room becomes hot to save electricity. Smart Saver operates the air conditioner automatically in the least amount of time necessary to cool the room, which saves electricity. In studies, up to 31% of electricity was saved by setting the temperature to 26°C when the outdoor temperature was 30°C With the Smart Saver, you can stop worrying about your electricity bill and start enjoying cool comfort.

When is the Smart Saver needed?

- 01**/When you repeatedly turn on and off the air conditioner to stay cool because you want to save energy.
- 02**/When you don't want to waste energy cooling an empty or near empty room.
- 03**/When it's not unbearably hot, but it's still uncomfortable, so you debate turning on the air conditioner.

Save Energy. Save Earth.

Samsung's Crystal Air Conditioner presents the new Smart Saver function, never before seen, for efficient cooling with less energy consumption. With this function, users significantly save energy and money. Feel proud that you are doing your part in preserving the environment by using a product that helps save nature's resources.

***Outdoor Temperature at degree Up to 31% Saving !**

Setting the temperature	Mode	Power Consumption(4hr)	Power Saving Rate (Compared to regular mode)
Crystal (12k)	26°C	Regular Mode 1778	-
	Smart Saver	1230	30.8%
24°C	Regular Mode	2201	-
	Smart Saver	1930	12.3%



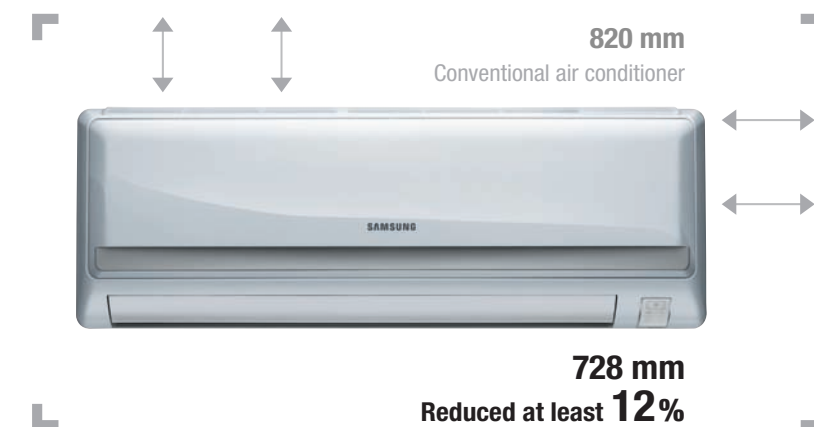
Slim Solution

Samsung knows that design is as important as the other features of your air conditioner. So, this exclusive slim design not only adds sophistication but also space flexibility.

Smaller size,
better efficiency

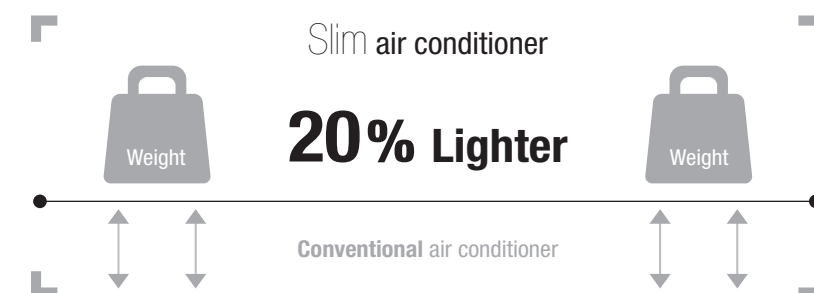
Compact Size

Samsung's advanced technology helped to develop new air conditioners with compact size while keeping the same performance. The overall size was reduced by at least 12%, so you will be amazed at the usable space application and greater installation convenience.



Light Weight

The application of Samsung's slim solution provides air conditioners not only with compact size but also with light weight. The compact size air conditioners are lighter and easy to install compared to the conventional models.



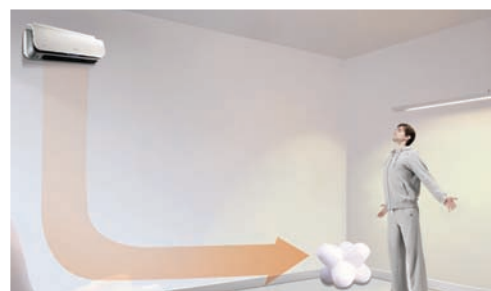
Other Features

You have come to expect the best in efficiency, innovative technology, and design from Samsung. And Samsung doesn't disappoint with various convenient features. Enjoy the very best in life.



Easy view LED Display

LED display lets you keep an eye on the comfort of your room. At a glance, you can see the state of your room, as the convenient digital icons assist you in operating the air conditioner effortlessly.



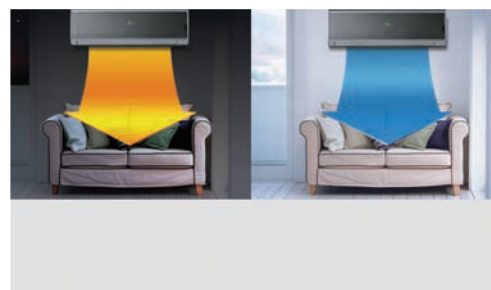
Waterfall Heating Air Flow

The new Samsung air conditioners feature a wide-angle blade system. In conventional models, the indoor unit's blade could only open up to 70 degrees, which made it difficult to direct heated airflow to the lower spaces of the room. The wide-angle blade system can open the blades to an angle of 90 degrees. You can control airflow direction vertically and horizontally, providing even distribution of air to any part of the room.



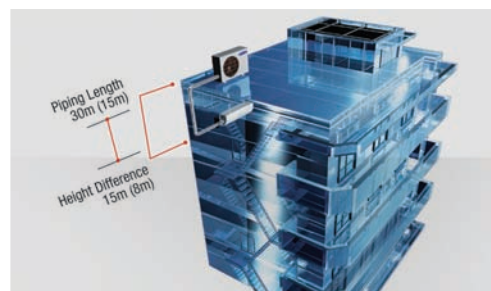
Rapid Cooling and Heating

Everyone wants to have the room at a comfortable temperature when they come home, especially in severe hot or cold weather. With its exceptional technical characteristics and superior quality features, the new Samsung air conditioners maximize the speed of cooling and heating to reach the set temperature in a short time.



Auto Changeover

The Auto Changeover automatically selects the operating mode (Cooling or Heating) according to the temperature setting. Thus, when a temperature is selected in the auto mode, the air conditioner heats and cools as required maintaining the set temperature.



Outdoor Installation Pipe

The connection pipe is extendable up to 30 meters in length and up to 15 meters in height (18,000-24,000Btu/h)[or 15 meters in length and 8 meters in height (9,000-12,000Btu/h)]. So there is great flexibility in the choice of location for the outdoor unit.

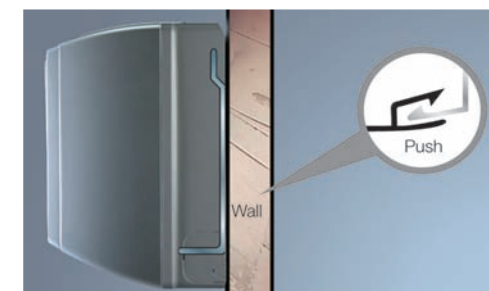
Easy Handle for Convenience during Transporting, Unloading, etc

The lightweight and compact outdoor unit is equipped with a handle for convenience during transporting, unloading, etc. Because the outdoor unit can be carried with ease, installation is quick and simple.



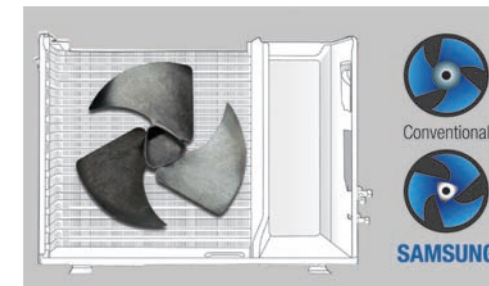
One-touch Hanger Plate

The indoor unit and the installation plate can be removed easily just by pressing the lower part of the indoor unit as shown in the figure.



Energy Efficient & Quiet Fan

In the outdoor unit, the new propeller fan has better performance characteristics due to its triangular hub shape, resulting in enhanced energy efficiency and fan capacity, greater hot temperature resistance, and quieter operation.



Improved Low Temperature Operation

The new base structure of the outdoor unit includes three drainage holes and extended drainage channels, providing better protection for the cabinet against excess water, freezing, and rust. Also N.G.S (Neo Green Silica) coating was applied to the heater exchanger which has improved the operation efficiency in low temperatures. An automatic defrosting algorithm developed specifically for cold countries allows smooth heating operation with outdoor temperatures below 0°C.



Water Leakage Double Protection

Samsung, for the first time, has adopted a double water leakage protection system. The tray drain at the bottom of the unit has been deepened by 5mm. The drainage channel on the front panel prevents walls and carpets from being saturated by the water drops.





MB

The polished design, luxurious pearl color and misty blue light add sophistication and style to your space.

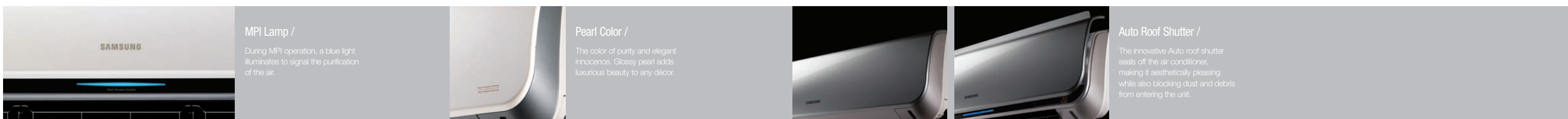
Product Line Up

MB Features

Everyone deserves to breathe clean air. All this in a sophisticated design that adds beauty to any interior.



Design



MPI Lamp /

During MPI operation, a blue light illuminates to signal the purification of the air.

Pearl Color /

The color of purity and elegant innocence. Glossy pearl adds luxurious beauty to any décor.

Auto Roof Shutter /

The innovative Auto roof shutter seals off the air conditioner, making it aesthetically pleasing while also blocking dust and debris from entering the unit.



Features



Auto Roof Shutter

This unique air conditioner automatically seals off to prevent dirt infiltration when not in operation.



DNA Filter

It is a new technology that screens selectively for only toxic agents. This enables a smarter and effective air management compared to other filters.



MPI [Micro Plasma Ion]

The world's first technology that generates active hydrogen atoms together with oxygen ions to improve your Indoor Air Quality. It protects you from harmful particles and viruses existing in the air.



Comfort & Design Award.

MB received the Comfort & Design award from Mostra Convegno Expo, Europe's largest heat and air conditioner exhibition.



Good'sleep II

Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshing start to your day.



S-Inverter [Optional]

High efficiency inverter technology for faster cooling/heating, precise temperature control and energy saving.

*S-Inverter is an optional feature for selected regions only.



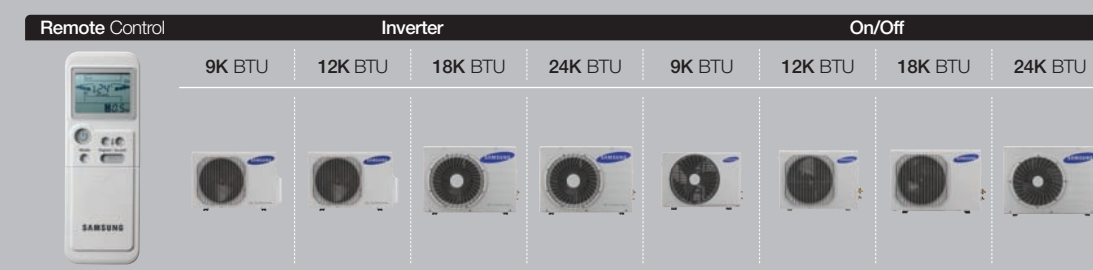
UTR Plus™ [Optional]

Super Strong compressor for extremely hot regions.

Model Number

	Power Source (V/Hz/Ø)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	220-240 / 50 / 1	R410a	AQV09A* AQV10AWANXST	AQV12A* AQV13AWANXST	AQV18AWA -	AQV24AWA -
Heat Pump	220-240 / 50 / 1 220 / 60 / 1	R22	AQ09A*ASER AQ09AWA*	AQ12A*ASER AQ12AWA*	AQ18AWA* AQ18DWA* AQ18DWA	AQ24AWA* AQ24DWA* AQ24DWA
Cooling Only	220-240 / 50 / 1 220 / 60 / 1	R22	- -	- AS12AWBANXA*	AS18DWA* AS18AWBANXA* AS18DWA	AQ24DWA AS24AWBANXA* AS24DWA

Remote Control & Outdoor Unit



Vivace

The Samsung Vivace air conditioner brings a taste of the future into your home. With advanced technology and a flat smoked mirror panel, this air conditioner is modern elegance.



Product Line Up

Vivace Features

The flat front mirror panel adds polished refinement to the air conditioner. A fresh, contemporary look that appeals to modern interiors.



Design

Trim-less Design /
The clean lines and trim-less design give the air conditioner a modern classic look. Simplicity is more.

Hidden Display /
When you turn on the air conditioner, the hidden LED display lights up. Turned off, the display hides from view. This easy-to-read display is a discrete way of adding functionality to beauty.

Shadow Mirror Reddish Black /
By reflecting your interior in its shadow mirror, Vivace perfectly matches with your interior. The Samsung's shadow mirror also reflects adequate lighting which adds elegance.



Features



MPI [Micro Plasma Ion]

The world's first technology that generates active hydrogen atoms together with oxygen ions to improve your Indoor Air Quality. It protects you from harmful particles and viruses existing in the air.



Silver Coated Filter

Silver has been widely recognized for its antibacterial and sanitization effects. Samsung has coated its filter with silver to prevent the spread of bacteria and viruses that can reside in filters. The air is always clean with Samsung.



Good'sleep II

Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshing start to your day.



Deodorizing Filter

Incorporated with activated carbon, the Deodorizing Filter efficiently adsorbs cigarette smoke, pet odors and other unpleasant odors.



Catechin Filter

Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and wake up.



S-Inverter [Optional]

High efficiency inverter technology for faster cooling/heating, precise temperature control and energy saving.

*S-Inverter is an optional feature for selected regions only.



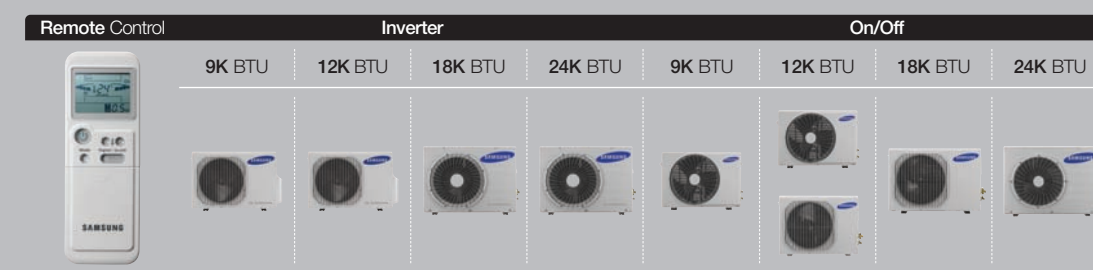
UTR Plus™ [Optional]

Super Strong compressor for extremely hot regions.

Model Number

	Power Source (V/Hz/Ø)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	220~240 / 50 / 1 220/60/1	R410a	AQV09V* -	AQV12V* AQV12VBEKCV	AQV18V* AQV18VBEKCV	AQV24V* AQV24VBEKCV
Heat Pump	220~240 / 50 / 1 220 / 60 / 1	R22	AQ09V*CSER AQ09VWC*	AQ12V*CSER AQ12VWC*	AQ18V*CSER AQ18VW* AQ18VWC	AQ24V*CSER AQ24VW* AQ24VWC
Cooling Only	220~240 / 50 / 1 220 / 60 / 1	R22	AS09VWC* AS10VBLNXSS AS09VBLNXSV AS09VBCXTC	AS12VWC* AS13VBLNXSS AS12VB* AS12VXATL	AS18VW* AS18VBLNXSV AS18VWC AS18VB*	AS24VWC* AS24VWCHAC AS24VWC AS24VBBCNXAP

Remote Control & Outdoor Unit



MB II

Enjoy cool surroundings with Samsung's new stylish air conditioner. It comes with a powerful cooling mechanism and a one-touch convenient and fast filter cleaning system. Samsung technology offers you a life of convenience and leisure.



Product Line Up

MB II Features

Enjoy cool comfort with Samsung's new MBII air conditioner. With powerful cooling technology, the MBII air conditioner makes life a little easier and comfortable.



White

Design



EZ-Filter /

An easy to use filter conveniently designed to promote quality clean air.



Stylish Design /

The air conditioner is a large part of your interior so Samsung paid special attention to its design. Take pride in the new stylish Samsung air conditioner.



Snow White Color /

The color of purity and elegant innocence. Glossy Snow White adds luxurious beauty to any décor.



Features



MPI [Micro Plasma Ion]

The world's first technology that generates active hydrogen atoms together with oxygen ions to improve your Indoor Air Quality. It protects you from harmful particles and viruses existing in the air.



EZ-Filter

Since the filter is located in upper part of the main body, a simple forward pull can enable separation, and cleaning of the filter is easy.



Good'sleep II

Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshing start to your day.



Silver Coated Filter

Silver has been widely recognized for its antibacterial and sanitization effects. Samsung has coated its filter with silver to prevent the spread of bacteria and viruses that can reside in filters. The air is always clean with Samsung.



Deodorizing Filter

Incorporated with activated carbon, the Deodorizing Filter efficiently adsorbs cigarette smoke, pet odors and other unpleasant odors.



S-Inverter [Optional]

High efficiency inverter technology for faster cooling/heating, precise temperature control and energy saving.

*S-Inverter is an optional feature for selected regions only.



UTR Plus™ [Optional]

Super Strong compressor for extremely hot regions.

Model Number

	Power Source (V/Hz/Ø)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	220-240 / 50 / 1	R410a	AQV09A* AQV10AWANXST	AQV12A* AQV13AWANXST	AQV18AWA -	AQV24AWA -
Heat Pump	220-240 / 50 / 1	R22	AQ09A*ASER AQ09AWA*	AQ12A*ASER AQ12AWA*	AQ18AWA* AQ18DWA*	AQ24AWA* AQ24DWA*
	220 / 60 / 1	-	-	-	AQ18DWA	AQ24DWA
Cooling Only	220-240 / 50 / 1	R22	-	-	AS18DWA*	AQ24DWA
	220 / 60 / 1	-	-	AS12AWBANXA* -	AS18AWBANXA* AS18DWA	AS24AWBANXA* AS24DWA

Remote Control & Outdoor Unit

Remote Control	Inverter				On/Off			
	9K BTU	12K BTU	18K BTU	24K BTU	9K BTU	12K BTU	18K BTU	24K BTU

Crystal

Breathe crystal clean air.
The new Crystal Air Conditioner is
a step closer to perfect clean
as it deodorizes and filters out
more harmful pollutants in the air,
giving you fresh clean air
to breathe.



Product Line Up

Crystal Features

This romantic design adds a bit of couture style to your interior. Not only is it functional, it brings avenues of light indoors.



Design



MPI Lamp /
The blue light signals the purification of the air as it adds a peaceful aura to the room.










Glossy Panel /
High glossy panel expresses the color more luxurious and beautiful. Experience the refreshing comfort color can bring into the room.



Stylish Design /
The air conditioner is a large part of your interior so Samsung paid special attention to its design. Take pride in the new stylish Samsung air conditioner.







Features

-  **MPI [Micro Plasma Ion] [Optional]**
 The world's first technology that generates active hydrogen atoms together with oxygen ions to improve your Indoor Air Quality. It protects you from harmful particles and viruses existing in the air.
-  **Good'sleep II**
 Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshing start to your day.
-  **Comfort Care [Optional]**
 Comfort Care automatically calculates the humidity level and adjusts the temperature for optimal comfort.
-  **Smart Saver**
 Smart Saver operates the air conditioner automatically in the least amount of time necessary to cool the room, which saves electricity.
-  **Filter Cleaning Indicator [Optional]**
 The Filter Clean Indicator automatically alerts you when the filter needs to be cleaned with its illuminating blue light.
-  **S-Inverter [Optional]**
 High efficiency inverter technology for faster cooling/heating, precise temperature control and energy saving.
*S-Inverter is an optional feature for selected regions only.
-  **UTR Plus™ [Optional]**
 Super Strong compressor for extremely hot regions.

Model Number

	Power Source (V/Hz/Ø)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	-	R410a	AQV09E*A	AQV12E*A	-	-
Heat Pump	-	R410a	AQ09EWAN	AQ12EWAN	-	-
		R22	AQ09EASER AQ09ELSER	AQ12E*SER AQ12EBANXAX	AQ18E*SER AQ18EBANXAX	AQ24EASER
Cooling Only	-	R22	AS09EBANXAP AS10ELNXST AS09ELNX*	AS12EBANX* AS13ELNXST AS12E*	AS18EBANX* AS18ENLX* AS18E*	AS24EBANXA* AS24ELN* AS24ETAXTL

Remote Control & Outdoor Unit

Remote Control	Inverter				On/Off			
	9K BTU	12K BTU	-	-	9K BTU	12K BTU	18K BTU	24K BTU
			-	-				



Neo Forte

design incorporates a clean and fashionable front panel with a unique silver accent line that adds a strong impression and a stylish touch to the whole design.

Product Line Up

Neo Forte Features

The Neo Forte design incorporates a clean fashionable front panel with a unique silver accent line that adds a strong stylish touch to the air conditioner.



White

Design



Silver Accent Line /

The silver lining against the pure white base provides an elegant contrast for a simple design that looks great with any interior.



Flush Front Panel /

The flush front panel was realized by moving the front grille to the top of the air conditioner. Cleaning is easier so it's easy to maintain the brand new look.



Bottom Opening Front Panel /

Simply lift the front panel to open the cover of the air conditioner. Like the hood of a car, the cover lifts up for easy cleaning of the filters.



Features



Good'sleep II

Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshing start to your day.



Deodorizing Filter [Optional]

Incorporated with activated carbon, the Deodorizing Filter efficiently adsorbs cigarette smoke, pet odors and other unpleasant odors.



Catechin Filter [Optional]

Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and wake up.



S-Inverter [Optional]

High efficiency inverter technology for faster cooling/heating, precise temperature control and energy saving.
*S-Inverter is an optional feature for selected regions only.



Silver Coated Filter [Optional]

Silver has been widely recognized for its antibacterial and sanitization effects. Samsung has coated its filter with silver to prevent the spread of bacteria and viruses that can reside in filters. The air is always clean with Samsung.



UTR Plus™ [Optional]

Super Strong compressor for extremely hot regions.

Model Number

	Power Source (V/Hz/O)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	220~240 / 50 / 1 220/60/1	R410a	AQV09NS* AQV09NSDKCV	AQV12NS* AQV12NSDKCV	AQV18NS* AQV18NSDKCV	AQV24NS* AQV24NSDKCV
Heat Pump	220~240 / 50 / 1 220 / 60 / 1	R410a	AQ09NS* AQ09NSAEUR	AQ12NS* AQ12NSAEUR AQ13NCHAC	AQ18NSA* AQ18NSAEUR AQ18NAHAC	AQ24NSA* AQ24NSAEUR AQ24NAHAC
		R22	- -	AQ12NBA* -	AQ18NBE* -	AQ24NBA* -
Cooling Only	220~240 / 50 / 1 220 / 60 / 1 220 / 50 / 1	R22	AS09NA* -	AS12NA* AS13NAHAC	AS18NE* AS19NCHAC	AS24NA* AS25NAHAC
			AS09NBA* -	AS12N* AS12NCXTL	AS18N* AS18NC*	AS24N* AS24NCXTL

Remote Control & Outdoor Unit

Remote Control	Inverter				On/Off			
	9K BTU	12K BTU	18K BTU	24K BTU	9K BTU	12K BTU	18K BTU	24K BTU

Max

Modern in design and maximum in power.
With exceptional features, Max provides power Cooling.



Product Line Up

Max Features

For the minimalist, this is the perfect option. The Max air conditioner provides a simple design with just the features you need.



Design

Simple Design /
The clean lines and simple design make this a modern classic, which will be honored for years to come.

Stylish Line /
The stylish lining against the pure white base provides an elegant contrast for a simple design that looks great with any interior.

Pure Display /
The bright Pure Display reflects light beautifully so it shines and brightens any room.



Features

- Good'sleep II**
 Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshing start to your day.
- Smart Saver**
 Smart Saver operates the air conditioner automatically in the least amount of time necessary to cool the room, which saves electricity.
- Silver Coated Filter**
 Silver has been widely recognized for its antibacterial and sanitization effects. Samsung has coated its filter with silver to prevent the spread of bacteria and viruses that can reside in filters. The air is always clean with Samsung.
- Slim Solution**
 The Samsung's advanced technology introduces extremely smaller size of air conditioners compared with the conventional ones. The volume has been decreased by 18% and the loading quantity has been increased by 9% overall. The slim solution of Samsung air conditioners gives you the best solution for space flexibility.
*Slim Slution is an optional feature for selected regions only.
- S-Inverter [Optional]**
 High efficiency inverter technology for faster cooling/heating, precise temperature control and energy saving.
*S-Inverter is an optional feature for selected regions only.
- UTR Plus™ [Optional]**
 Super Strong compressor for extremely hot regions.

Model Number

	Refrigerant	5K BTU	7K BTU	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	R410a	-	-	AQV09U*AN	AQV12U*AN	AQV18U*AN	AQV24U*AN
Heat Pump	R410a	-	-	AQ09RGAN	AQ12UGAN	AQ18UGAN	AQ24UGAN
	R22	-	AQ07RLSER	AQ09R* AQ09R*SER AQ09UA*	AQ12UGANEUR AQ12UL* AQ12U*	AQ18UGANEUR AQ18UL* AQ18U*	AQ24UGANEUR AQ24UA* AQ24UBANXAX
Cooling Only	R22	AS05RLNXSE	AS07RLNXSE	AS09R* AS09ULN* AS10U*	AS12U*AN* AS12U* AS13ULNXST	AS18UBAN* AS18ULN* AS18U*	AS24UBAN* AS24ULN* AS24UAXTL

Remote Control & Outdoor Unit

Remote Control	Inverter				On/Off			
	9K BTU	12K BTU	18K BTU	24K BTU	9K BTU	12K BTU	18K BTU	24K BTU



Forte

Designed for convenience as well as beauty, the Forte with its clean lines and contrasting color line is an impression of cool style.

Product Line Up


Forte Features

The Forte adds modern style with its clean lines and contrasting accent.




White


Design



Accent Line /
The blue lining against the pure white base provides an elegant contrast for a simple design that looks great with any interior.



Bottom Opening Front Panel /
Simply lift the front panel to open the cover of the air conditioner. Like the hood of a car, the cover lifts up for easy cleaning of the filters.



Flush Front Panel /
The flush front panel was realized by moving the front grille to the top of the air conditioner. Cleaning is easier so it's easy to maintain the brand new look.



Features



Good'sleep II [Optional]

Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshing start to your day.



S-Inverter [Optional]

High efficiency inverter technology for faster cooling/heating, precise temperature control and energy saving.

*S-Inverter is an optional feature for selected regions only.



Silver Coated Filter [Optional]

Silver has been widely recognized for its antibacterial and sanitization effects. Samsung has coated its filter with silver to prevent the spread of bacteria and viruses that can reside in filters. The air is always clean with Samsung.



UTR Plus™ [Optional]

Super Strong compressor for extremely hot regions.



Slim Solution

The Samsung's advanced technology introduces extremely smaller size of air conditioners compared with the conventional ones. The volume has been decreased by 18% and the loading quantity has been increased by 9% overall. The slim solution of Samsung air conditioners gives you the best solution for space flexibility.

*Slim Slution is an optional feature for selected regions only.

Model Number

	Power Source (V/Hz/O)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Heat Pump	220~240 / 50 / 1	R22	AQ09S* AQ09FC	AQ12FC AQ12FG	AQ18FE AQ18FC	AQ24FC -
	220 / 60 / 1		-	AQ12FC	AQ18F*	AQ24FC
Cooling Only	220~240 / 50 / 1	R22	AS09SA AS09FC	AS12FC AS12FC	AS18F* -	AS24FC -
	220 / 60 / 1		AS09SA	AS12FC	AS18F*	AS24FC

Remote Control & Outdoor Unit

Remote Control	Inverter	9K BTU	12K BTU	18K BTU	24K BTU
	Inverter	9K BTU	12K BTU	18K BTU	24K BTU
	Non Inverter	-	9K BTU 9K BTU	-	18K BTU 24K BTU
					

Specifications

MB Specifications /

>> EUROPE / CIS / SE ASIA / AMERICA



AREA			EUROPE				CIS				SE ASIA				AMERICA	
MODEL			AQV09A*AN	AQV12A*AN	AQV18AWAN	AQV24AWAN	AQV09A*ANSER	AQV12A*ANSER	AQ09A*ANSER	AQ12A*ANSER	AQV10AWANXST	AQV13AWANXST	AS12AWBANXAX	AS18AWBANXAX		
		V/Hz/ø	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	HP	HP	S-Inverter	S-Inverter	CO	CO		
			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1		
			R410a	R410a	R410a	R410a	R410a	R410a	R22	R22	R410a	R410a	R22	R22		
Performance	Power Source															
	Refrigerant Type															
	Capacity	Cooling	Btu/hr.	8,530	11,942	17,061	23,203	8,530	11,942	9,000	12,000	8,530	11,942	12,400	18,000	
			Cal/hr.	2,150	3,009	4,299	5,847	2,150	3,009	2,322	3,009	2,150	3,009	3,125	4,536	
	Heating	kW	2.5	3.5	5.0	6.8	2.5	3.5	2.7	3.5	2.5	3.5	3.63	5.10		
		Btu/hr.	11,942	13,649	20,473	27,297	11,601	13,649	10,000	13,000	11,601	13,649	-	-		
		Cal/hr.	3,009	3,439	5,159	6,879	2,924	3,439	2,494	3,267	2,924	3,439	-	-		
		kW	3.4	4.0	6.0	8.0	3.4	4.0	2.9	3.8	3.4	4.0	-	-		
Energy Efficiency	Cooling	EER (Btu/W)	14.7	12.3	11.0	10.3	14.7	12.3	9.80	9.55	-	-	10.00	9.47		
		EER(W/W)	4.30	3.60	3.23	3.01	4.30	3.60	2.87	2.80	-	-	2.93	2.78		
	Heating	COP(W/W)	4.30	3.64	3.41	2.84	4.30	3.64	3.30	3.22	-	-	-	-		
Moisture Removal		l/hr.	1.0	1.4	2.5	3.0	1.0	1.4	1.0	1.3	1.0	1.4	1.3	1.9		
Air Circulation (Max)		m ³ /min	8.0	9.0	13.0	15.0	8.0	9.0	7.0	9.0	8.0	9.0	9.0	15.0		
Noise Level	Indoor High/Low	dB	31 / 20	35 / 21	40 / 30	41 / 30	31 / 20	35 / 21	32 / 24	35 / 26	31/20	35/21	35 / 26	39 / 32		
	Outdoor High	dB	45	45	53	55	45	45	45	45	45.0	45.0	45	52		
Power Source		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1		
Power Consumption	Cooling	W	581	972	1,550	2,260	581	972	940	1,250	-	-	1,240	1,900		
	Heating	W	791	1,100	1,760	2,810	791	1,100	880	1,180	-	-	-	-		
Operating Current	Cooling	A	3.0	4.7	7.0	10.6	3.0	4.7	4.3	5.6	-	-	5.7	9		
	Heating	A	4.0	5.2	8.0	13.0	4.0	5.2	3.9	5.3	-	-	-	-		
Net Dimension (WxHxD)	Indoor	mm	900x304x185	900x304x185	1,100x307x225	1,100x307x225	900x304x185	900x304x185	900x304x185	900x304x185	900x304x185	900x304x185	900x304x185	1,100x307x225		
	Outdoor	mm	790x548x285	790x548x285	880x638x310	880x638x310	790x548x285	790x548x285	660x470x240	720x548x265	790x548x285	790x548x285	720x548x265	790x548x285		
Net Weight	Indoor	kg	10.2	10.2	12.7	12.7	10.2	10.2	10.2	10.2	10.2	10.2	10.2	12.7		
	Outdoor	kg	32.6	32.6	48.2	52	32.6	32.6	26	33.8	32.6	32.6	33.8	39		
Shipping Weight	Indoor	kg	12.6	12.6	15.8	15.8	12.6	12.6	11.5	11.5	12.6	12.6	11.5	16		
	Outdoor	kg	35.4	35.4	51	55.6	35.4	35.4	27.5	35	35.4	35.4	35	43		
Loading Q'ty	W Pipe	20/40ft/jumbo	84/180/205	84/180/205	58/121/138	58/121/138	84/180/205	84/180/205	116/234/266	96/195/216	-	-	96/195/216	66/144/166		
	W/O Pipe	20/40ft/jumbo	88/187/223	88/187/223	54/115/129	54/115/129	88/187/223	88/187/223	120/246/291	102/214/230	86/182/208	86/182/208	102/214/230	69/150/168		
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m	ø6.35mmx5m		
	Gas	ODxL	ø9.52mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø9.52mmx7.5m	ø9.52mmx7.5m	ø9.52mmx5m	ø12.7mmx5m	ø9.52mmx7.5m	ø9.52mmx7.5m	ø12.7mmx5m	ø12.7mmx5m		
Piping Length	STD	m	5.0	5.0	5.0	5.0	7.5	7.5	5.0	5.0	7.5	7.5	5.0	5.0		
	Max	m	15	15	30	30	15	15	15	15	15	15	15	15		
Piping Height	Max	m	8	8	15	15	8	8	7	7	8	8	7	8		
Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-	-		
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-	-	-		
Features	MPI		•	•	•	•	•	•	•	•	•	•	•	•		
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	•		
	Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•		
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•		
	Pure & Clean Air	DNA Filter		•	•	•	•	•	•	•	•	•	•	•		
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-		
		Catechin Filter		-	-	-	-	-	-	-	-	-	-	-		
		Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•		
	Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-		
		Dehumidification		•	•	•	•	•	•	•	•	•	•	•		
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	•		
		Timer		•	•	•	•	•	•	•	•	•	•	•		
		Energy Saving Mode		•	•	•	•	•	•	•	•	•	•	•		
		Auto Restart		•	•	•	•	•	•	•	•	•	•	•		
		Auto Changeover		•	•	•	•	•	•	•	•	•	•	•		
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•			
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3			
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO			
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL			
	Auto Grille		•	•	•	•	•	•	•	•	•	•	•			
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•			
	Auto Clean (self cleaning)		•	•	•	•	•	•	•	•	•	•	•			
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	TWIN	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY			
Low Ambient	Cooling	°C	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	15~43	15~43	-10~43	-10~43	-	-		
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-5~24	-5~24	-15~24	-15~24	-	-		

Specifications of the real product can be different from the above.

Specifications

MB Specifications /

>> AMERICA / ME AFRICA



AREA			AMERICA				ME AFRICA								
MODEL			AS24AWBANXAX	AS12AWBANXAP	AS18AWBANXAP	AS24AWBANXAP	AQ09AWA*	AQ12AWA*	AQ18AWA*	AQ24AWA*	AS18DWA*	AS24DWA*	AQ18DWA*	AQ24DWA*	
			CO	CO	CO	CO	HP	HP	HP	HP	CO	CO	HP	HP	
			220/60/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Performance	Power Source	V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	24,000	12,400	18,000	24,000	9,000	12,000	18,000	24,000	18,000	24,000	18,000	24,000
			Cal/hr.	6,048	3,125	4,536	6,048	2,322	3,009	4,385	5,847	4,385	5,847	4,385	5,847
	Heating	kW	6.80	3.63	5.10	6.80	2.7	3.5	5.1	6.8	5.10	6.8	5.1	6.8	
		Btu/hr.	-	-	-	-	10,000	13,000	20,000	24,000	-	-	20,000	24,000	
Energy Efficiency	Cooling	EER (Btu/W)	9.23	10.00	9.47	9.23	9.80	9.55	9.47	9.23	9.47	9.23	9.47	9.23	
		EER(W/W)	2.71	2.93	2.78	2.71	2.87	2.80	2.78	2.71	2.78	2.71	2.78	2.71	
	Heating	COP(W/W)	-	-	-	-	3.30	3.22	3.13	2.71	-	-	3.13	2.71	
		kW	-	-	-	-	2.9	3.8	5.8	7.0	-	-	5.8	7.0	
Moisture Removal		l/hr.	2.6	1.3	1.9	2.6	1.0	1.3	1.9	1.9	2.6	1.9	2.6		
Air Circulation (Max)		m ³ /min	17.0	9.0	15.0	17.0	8.0	9.0	15.0	15.0	17.0	15.0	17.0		
Noise Level	Indoor High/Low	dB	42 / 35	35 / 26	39 / 32	42 / 35	32 / 24	35 / 26	39 / 32	42 / 35	39 / 32	42 / 35	39 / 32	42 / 35	
	Outdoor High	dB	55	45	52	55	45	45	52	55	52	52	55		
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1		
Power Consumption	Cooling	W	2,600	1,240	1,900	2,600	940	1,250	1,900	2,600	1,900	2,600	1,900	2,600	
	Heating	W	-	-	-	-	880	1,180	1,870	2,600	-	-	1,870	2,600	
Operating Current	Cooling	A	12	5.7	9	12	4.3	5.6	9	12.5	9	12.5	9	12.5	
	Heating	A	-	-	-	-	3.9	5.3	9	12.5	-	-	9	12.5	
Net Dimension (WxHxD)	Indoor	mm	1,100x307x225	900x304x185	1,100x307x225	1,100x307x225	900x304x185	900x304x185	1,100x307x225	1,100x307x225	1,100x307x225	1,100x307x225	1,100x307x225	1,100x307x225	
	Outdoor	mm	880x638x310	720x548x265	790x548x285	880x638x310	660x470x240	720x548x265	790x548x285	880x638x310	790x548x285	880x638x310	790x548x285	880x638x310	
Net Weight	Indoor	kg	12.7	10.2	12.7	12.7	10.2	10.2	12.7	12.7	12.7	12.7	12.7		
	Outdoor	kg	56	33.8	39	56	26	33.8	39	56	39	56	39	56	
Shipping Weight	Indoor	kg	16	11.5	16	16	11.5	11.5	16	16	16	16	16		
	Outdoor	kg	53	35	43	53	27.5	35	43	53	43	53	43	53	
Loading Q'ty	W Pipe	20/40ft/jumbo	58/121/138	96/195/216	66/144/166	58/121/138	116/234/266	96/195/216	66/144/166	58/121/138	66/144/166	58/121/138	66/144/166	58/121/138	
	W/O Pipe	20/40ft/jumbo	54/115/129	102/214/230	69/150/168	54/115/129	120/246/291	102/214/230	69/150/168	54/115/129	69/150/168	54/115/129	69/150/168	54/115/129	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m		
	Gas	ODxL	ø15.88mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø12.7mmx5m	ø15.88mmx5m		
Piping Length	STD	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0		
	Max	m	20	15	15	20	15	15	15	20	15	15	20		
Piping Height	Max	m	8	7	8	8	7	7	8	8	8	8	8		
Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-		
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-	-		
MPI			•	•	•	•	•	•	•	•	•	•	•		
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•		
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•		
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•		
Pure & Clean Air	DNA Filter		•	•	•	•	•	•	•	•	•	•	•		
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-		
	Catechin Filter		-	-	-	-	-	-	-	-	-	-	-		
	Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•		
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-		
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•		
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•		
	Timer		•	•	•	•	•	•	•	•	•	•	•		
	Energy Saving Mode		•	•	•	•	•	•	•	•	•	•	•		
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•		
	Auto Changeover		-	-	-	-	•	•	•	•	-	-	•		
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•		
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3		
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO		
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
	Auto Grille		-	-	-	-	-	-	-	-	-	-	-		
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-	-	-	-		
	Heating	°C	-	-	-	-	-	-	-	-	-	-	-		

Specifications of the real product can be different from the above.

Specifications

MB Specifications /

>> ME AFRICA



AREA		ME AFRICA					
MODEL		AS18DWA	AS24DWA	AQ18DWA	AQ24DWA		
		CO	CO	HP	HP		
Performance	Power Source	V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	
	Refrigerant Type		R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	18,000	24,000	1,8000	24,000
			Cal/hr.	4,385	5,847	4,385	5,847
		Heating	kW	5.10	6.80	5.10	6.80
			Btu/hr.	-	-	20,000	24,000
	Energy Efficiency	Cooling	EER (Btu/W)	9.47	9.23	9.47	9.23
			EER(W/W)	2.78	2.71	2.78	2.71
		Heating	COP(W/W)	-	-	11.11	9.23
	Moisture Removal		l/hr.	1.9	2.6	1.9	2.6
Air Circulation (Max)		m ³ /min	15.0	17.0	15.0	17.0	
Noise Level	Indoor High/Low	dB	39 / 32	42 / 35	39 / 32	42 / 35	
	Outdoor High	dB	52	55	52	55	
Electrical Data	Power Source	V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	
	Power Consumption	Cooling	W	1,900	2,600	1,900	2,600
Heating		W	-	-	1,800	2,600	
Operating Current	Cooling	A	9	12	9	12	
	Heating	A	-	-	9	12	
Dimension & Loading Q'ty	Net Dimension (WxHxD)	Indoor	mm	1,100x307x225	1,100x307x225	1,100x307x225	1,100x307x225
		Outdoor	mm	790x548x285	880x638x310	790x548x285	880x638x310
	Net Weight	Indoor	kg	12.7	12.7	12.7	12.7
		Outdoor	kg	39	56	39	56
Shipping Weight	Indoor	kg	16	16	16	16	
	Outdoor	kg	43	53	43	53	
Loading Q'ty	W Pipe	20/40ft/jumbo	66/144/166	58/121/138	66/144/166	58/121/138	
	W/O Pipe	20/40ft/jumbo	69/150/168	54/115/129	69/150/168	54/115/129	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø12.7mmx5m	ø15.88mmx5m	ø12.7mmx5m	ø15.88mmx5m	
Piping Length	STD	m	5.0	5.0	5.0	5.0	
	Max	m	15	20	15	20	
Piping Height	Max	m	8	8	8	8	
Refrigerant		G	-	-	-	-	
Add Refrigerant		g/m	-	-	-	-	
Features	MPI		-	-	-	-	
	Good'sleep II		•	•	•	•	
	Silver Coated Health System	Silver Coated Filter		•	•	•	•
		Silver Coated Evaporator		•	•	•	•
	Pure & Clean Air	DNA Filter		•	•	•	•
		Pure Filter (HAF Filter)		-	-	-	-
		Catechin Filter		-	-	-	-
		Deodorizing Filter		•	•	•	•
	Operating Mode	Digital i Plus		-	-	-	-
		Dehumidification		•	•	•	•
Turbo Mode			•	•	•	•	
Timer			•	•	•	•	
Energy Saving Mode			•	•	•	•	
Auto Restart			•	•	•	•	
Auto Changeover			-	-	•	•	
Convenience	Auto Wind		•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	
	Auto Grille		-	-	-	-	
	Remote Controller		•	•	•	•	
	Auto Clean (self cleaning)		•	•	•	•	
	ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	-	-	-	-	
	Heating	°C	-	-	-	-	

Specifications

Vivace Specifications /

>> EUROPE / AMERICA / OCEANIA



AREA			EUROPE				AMERICA						OCEANIA		
MODEL			AQV09VBCN	AQV12VBCN	AQV18VBCN	AQV24VBCN	AQV12VBENKCV	AQV18VBENKCV	AQV24VBENKCV	AS12VBBCNXAP	AS18VBBCNXAP	AS24VBBCNXAP	AQV09VSC(D)	AQV12VSC(D)	
			S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	CO	CO	CO	S-Inverter	S-Inverter	
			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	
			R410a	R410a	R410a	R410a	R410a	R410a	R410a	R22	R22	R22	R410a	R410a	
Performance	Power Source	V/Hz/ø													
	Refrigerant Type														
	Capacity	Cooling	Btu/hr.	8,531	11,943	17,062	23,204	12,000	18,000	24,000	12,000	18,000	23,200	8,531	11,943
			Cal/hr.	2,150	3,009	4,299	5,847	3,024	4,536	6,803	3,024	4,385	5,846	2,150	3,009
		Heating	Btu/hr.	11,943	13,650	20,474	27,299	13,600	20,500	27,000	-	-	-	11,943	13,650
			Cal/hr.	3,009	3,439	5,159	6,878	3,427	5,159	7.9	-	-	-	3,009	3,439
Energy Efficiency	Cooling	EER (Btu/W)	14.0	11.6	11.0	10.3	11.43	10.59	9.23	10.00	9.70	8.9	14.0	11.6	
		EER(W/W)	4.10	3.40	3.21	3.01	3.35	3.10	2.70	2.63	2.75	2.62	4.10	3.40	
	Heating	COP(W/W)	4.10	3.64	3.41	2.81	3.53	3.24	2.82	-	-	-	4.10	3.64	
Moisture Removal		l/hr.	1.0	1.4	2.5	3.0	1.4	2.5	3.0	1.5	1.9	2.5	1.0	1.4	
Air Circulation (Max)		m ³ /min	8.0	9.0	13.0	15.0	9.0	13.0	15.0	9.4	15	15	8.0	9.0	
Noise Level	Indoor High/Low	dB	31/21	35 / 21	40 / 30	41 / 30	35 / 21	40 / 30	41 / 30	36/26	40/32	42/35	31/21	35 / 21	
	Outdoor High	dB	45	45	53	55	45	53	55	46	52	55	45	45	
Power Source		V/Hz/ø													
Power Consumption	Cooling	W	610	1,030	1,560	2,260	1,050	1,700	2,600	1,340	1,856	2,600	610	1,030	
		Heating	W	853	1,100	1,760	2,850	1,130	1,850	2,800	-	-	-	853	1,100
Operating Current	Cooling	A	3.0	4.8	7.0	10.6	4.9	7.5	12.0	6.2	9	-	3.0	4.8	
		Heating	A	4.5	5.2	8.0	13.0	5.3	8.2	13.0	-	-	-	4.5	5.2
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	1,065x298x218	1,065x298x218	825x285x189	1,065x298x218	1,065x298x218	825x285x189	825x285x189	1,065x298x214	825x285x189	825x285x189	
		mm	790x548x285	790x548x285	880x638x310	880x638x310	790x548x285	880x638x310	880x638x310	660x470x240	790x548x285	790x548x285	790x548x285	790x548x285	
Net Weight	Indoor	kg	9.0	9.0	13.0	13.0	9.0	13.0	13.0	9.0	9.0	13.0	9.0	9.0	
		kg	32.6	32.6	51	51	32.6	51	51	26.0	39.0	41.0	32.6	32.6	
Shipping Weight	Indoor	kg	11.0	11.0	16.0	16.0	11.0	16.0	16.0	11.0	11.0	16.0	11.0	11.0	
		kg	35.4	35.4	53	53	35.4	53	53	27.5	43.0	45.0	35.4	35.4	
Loading Q'ty	W Pipe	20/40ft/jumbo	91/193/216	91/193/216	61/128/150	61/128/150	91/193/216	61/128/150	61/128/150	116/240/273	91/193/216	82/170/197	91/193/216	91/193/216	
		W/O Pipe	20/40ft/jumbo	101/209/233	101/209/233	66/138/153	66/138/153	101/209/233	66/138/153	66/138/153	136/280/303	101/209/233	82/170/197	101/209/233	101/209/233
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	
		Gas	ODxL	ø9.52mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø9.52mmx7.5m	ø12.7mmx7.5m	ø12.7mmx7.5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø9.52mmx7.5m	ø9.52mmx7.5m
Piping Length	STD	m	5	5	5	5	7.5	7.5	7.5	5	5	5	7.5	7.5	
		m	15	15	30	30	15	30	30	15	15	20	15	15	
Piping Height	Max	m	8	8	15	15	8	15	15	7	8	8	8	8	
Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-		
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-	-		
MPI			•	•	•	•	•	•	•	•	•	•	•		
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•		
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•		
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•		
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-		
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-		
	Catechin Filter		•	•	•	•	•	•	•	•	•	•	•		
	Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•		
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-		
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•		
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•		
	Timer		•	•	•	•	•	•	•	•	•	•	•		
	Energy Saving Mode		•	•	•	•	•	•	•	•	•	•	•		
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•		
	Auto Changeover		•	•	•	•	•	•	•	•	•	•	•		
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•		
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3		
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO		
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
	Auto Grille		•	•	•	•	•	•	•	•	•	•	•		
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•		
Auto Clean (self cleaning)		•	•	•	•	•	•	•	•	•	•	•			
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	-	-	-	-10~43	-10~43	
		Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-	-	-	-15~24	-15~24

Specifications of the real product can be different from the above.

Specifications

Vivace Specifications /

>> OCEANIA / CIS / ME AFRICA



AREA			OCEANIA				CIS				ME AFRICA				
MODEL			AQV18VSC(D)	AQV24VSC(D)	AQV24VSG	AQ09V*CNSER	AQ12V*CNSER	AQ18V*CNSER	AQ24V*CNSER	AQ09V*LNSER	AQ12V*LNSER	AQV09VSC(D)	AQV12VSC(D)	AQV18VSC(D)	
			S-Inverter	S-Inverter	S-Inverter	HP	HP	HP	HP	HP	CO	CO	CO		
			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1		
Performance	Power Source	V/Hz/ø													
	Refrigerant Type		R410a	R410a	R410a	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	17,062	23,204	23,204	9,300	12,000	18,000	24,000	9,300	12,000	9,000	12,000	12,000
			Cal/hr.	4,299	5,847	5,847	2,344	3,024	4,385	5,847	2,344	3,024	2,322	3,024	3,024
		Heating	kW	5.0	6.8	6.8	2.7	3.5	5.1	6.8	2.7	3.5	2.7	3.50	3.50
			Btu/hr.	20,474	27,299	27,299	9,500	13,000	20,000	24,000	9,500	13,000	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	11.0	10.3	11.0	9.30	9.52	9.47	9.23	9.30	9.52	9.18	9.52	9.52	
		EER(W/W)	3.21	3.01	3.21	2.73	2.79	2.68	2.62	2.73	2.79	2.76	2.78	2.78	
	Heating	COP(W/W)	3.41	2.81	3.42	3.09	3.31	2.95	2.64	3.09	3.31	-	-	-	
		Moisture Removal	l/hr.	2.5	3.0	3.0	1.0	1.3	1.9	2.6	1.0	1.3	1	1.5	1.5
Air Circulation (Max)		m ³ /min	13.0	15.0	19.0	8	9	15	17	8	9	8	9.3	9.3	
Noise Level	Indoor High/Low	dB	40 / 30	41 / 30	46 / 36	32 / 24	36 / 26	40 / 32	42 / 35	32 / 24	36 / 26	32/24	36/26	36/26	
	Outdoor High	dB	53	55	55	46	46	52	55	46	46	46	46	46	
Electrical Data	Power Source	V/Hz/ø													
	Power Consumption	Cooling	W	1,560	2,260	2,120	1,000	1,260	1,900	2,600	1,000	1,260	980	1,260	1,260
	Heating	W	1,760	2,850	2,340	900	1,150	1,900	2,650	900	1,150	-	-	-	
		Operating Current	Cooling	A	7.0	10.6	9.5	4.5	5.8	9	12.5	4.5	5.8	4.6	5.8
	Heating	A	8.0	13.0	10.2	4.0	5.3	9	12.5	4.0	5.3	-	-	-	
		Net Dimension (WxHxD)	Indoor	mm	1,065x298x218	1,065x298x218	1,065x298x218	825x285x189	825x285x189	825x285x189	1,065x298x214	825x285x189	825x285x189	825x285x189	825x285x189
	Outdoor		mm	880x638x310	880x638x310	880x798x310	660x470x240	660x470x240	790x548x285	660x470x240	660x470x240	660x470x240	660x470x240	660x470x240	
	Net Weight	Indoor	kg	13.0	13.0	13.0	9.0	9.0	9.0	13.0	9.0	9.0	9.0	9.0	
Outdoor		kg	51	51	57	26	26.5	39.0	41.0	26	26.5	26.0	26.0	26.0	
Shipping Weight	Indoor	kg	16.0	16.0	16.0	11.0	11.0	11.0	16.0	11.0	11.0	11.0	11.0		
	Outdoor	kg	53	53	60	27.5	28.0	43.0	45.0	27.5	28.0	27.5	27.5	27.5	
Loading Q'ty	W Pipe	20/40ft/jumbo	61/128/150	61/128/150	61/128/150	116/240/273	116/240/273	91/193/216	82/170/197	116/240/273	116/240/273	116/240/273	116/240/273		
	W/O Pipe	20/40ft/jumbo	66/138/153	66/138/153	66/138/153	136/280/300	136/280/300	101/209/233	82/170/197	136/280/300	136/280/300	136/280/300	136/280/300		
SVC Valve	Liquid	ODxL	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5.0m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m		
	Gas	ODxL	ø12.7mmx7.5m	ø15.88mmx7.5m	ø15.88mmx7.5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø12.7mmx5.0m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m		
Piping Length	STD	m	7.5	7.5	7.5	5	5	5	5	5	5	5	5		
	Max	m	30	30	30	15	15	15	20	15	15	15	15		
Piping Height	Max	m	15	15	15	7	7	8	8	7	7	7	7		
Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-		
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-	-		
Features	MPI		•	•	•	•	•	•	•	•	•	•	•		
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•		
	Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	
	Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	
		Catechin Filter		•	•	•	•	•	•	•	•	•	•	•	
		Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•	
	Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-	
		Dehumidification		•	•	•	•	•	•	•	•	•	•	•	
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	
		Timer		•	•	•	•	•	•	•	•	•	•	•	
		Energy Saving Mode		•	•	•	•	•	•	•	•	•	•	•	
		Auto Restart		•	•	•	•	•	•	•	•	•	•	•	
	Convenience	Auto Changeover		•	•	•	•	•	•	•	•	-	-	-	
Auto Wind			•	•	•	•	•	•	•	•	•	•	•		
Air Flow Control Steps (Cool/Fan)			4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3		
Air Direction Control (Up/Down)			AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO		
Air Direction Control (Left/Right)			MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
Auto Grille		•	•	•	•	•	•	•	•	•	•	•			
Remote Controller		•	•	•	•	•	•	•	•	•	•	•			
Auto Clean (self cleaning)		•	•	•	•	•	•	•	•	•	•	•			
ETC.	Compressor Type		TWIN	TWIN	TWIN	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	-10~43	-10~43	-10~43	-	-	-	-	-	-	-	-		
	Heating	°C	-15~24	-15~24	-15~24	-	-	-	-	-	-	-	-		

Specifications of the real product can be different from the above.

Specifications

Vivace Specifications /

>> ME AFRICA



AREA			ME AFRICA												
MODEL			AQV24VSC(D)	AQV24VSG	AS18VWCHAC	AS24VVC*	AS24VWCHAC	AQ09VWC*	AQ12VWC*	AQ12VWCHAC	AQ18VWC*	AQ18VVE*	AQ18VWCHAC	AQ24VWC*	
			CO	CO	CO	CO	CO	HP	HP	HP	HP	HP	HP	HP	
Performance			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Power Source	V/Hz/ø		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
Capacity	Cooling	Btu/hr.	18,000	18,000	18,000	24,000	24,000	9,000	12,000	12,000	18,000	18,000	18,000	24,000	
		Cal/hr.	4,385	4,385	4,385	5,847	5,847	2,322	3,024	3,024	4,385	4,385	4,385	5,847	
	Heating	Btu/hr.	-	-	-	-	-	10,000	13,000	13,000	20,000	20,000	20,000	24,000	
		Cal/hr.	-	-	-	-	-	2,494	3,267	3,267	4,815	4,815	4,815	6,019	
Energy Efficiency	Cooling	EER (Btu/W)	9.47	9.47	9.47	9.23	9.23	9.18	9.52	9.52	9.47	9.47	9.47	9.23	
		EER(W/W)	2.55	2.55	2.55	2.62	2.62	2.76	2.78	2.78	2.68	2.68	2.68	2.62	
	Heating	COP(W/W)	-	-	-	-	-	3.22	3.23	3.23	2.95	2.95	2.95	2.64	
			-	-	-	-	-	-	-	-	-	-	-	-	
Moisture Removal	l/hr.		1.9	1.9	1.9	2.6	2.6	1.0	1.5	1.5	1.9	1.9	1.9	2.6	
Air Circulation (Max)	m ³ /min		15	15	15	17	17	8	9.3	9.3	15	15	15	17	
Noise Level	Indoor High/Low	dB	40/32	40/32	40/32	42/35	42/35	32/24	36/26	36/26	40/32	40/32	40/32	42/35	
		Outdoor High	dB	52	52	52	55	55	46	46	46	52	52	52	55
Electrical Data			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Power Source	V/Hz/ø		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Power Consumption	Cooling	W	2,000	2,000	2,000	2,600	2,600	980	1,260	1,260	1,900	1,900	1,900	2,600	
		Heating	W	-	-	-	-	-	900	1,180	1,180	1,900	1,900	1,900	2,650
Operating Current	Cooling	A	9	9	9	12.5	12.5	4.6	5.8	5.8	9	9	9	12.5	
		Heating	A	-	-	-	-	-	4.1	5.3	5.3	9	9	9	12.5
Net Dimension (WxHxD)	Indoor	mm	1,065x298x214	825x285x189	1,065x298x214	1,065x298x214	1,065x298x214	825x285x189	825x285x189	825x285x189	1,065x298x214	825x285x189	1,065x298x214	1,065x298x214	
		Outdoor	mm	790x548x285	790x548x285	790x548x285	790x548x285	790x548x285	660x470x240	660x495x240	660x495x240	790x548x285	790x548x285	790x548x285	790x548x285
Net Weight	Indoor	kg	13.0	9.0	13.0	13.0	13.0	9.0	9.0	9.0	13.0	9.0	13.0	13.0	
		Outdoor	kg	39.0	39.0	39.0	41.0	41.0	26.0	28.0	28.0	39.0	39.0	39.0	41.0
Shipping Weight	Indoor	kg	16.0	11.0	16.0	16.0	16.0	11.0	11.0	11.0	16.0	11.0	16.0	16.0	
		Outdoor	kg	43.0	43.0	43.0	45.0	45.0	27.5	30.0	30.0	43.0	43.0	43.0	45.0
Loading Q'ty	W Pipe	20/40ft/jumbo	82/170/197	91/193/216	82/170/197	82/170/197	82/170/197	116/240/273	116/240/268	116/240/268	82/170/197	91/193/216	82/170/197	82/170/197	
		W/O Pipe	20/40ft/jumbo	82/170/197	101/209/233	82/170/197	82/170/197	82/170/197	136/280/303	126/262/294	126/262/294	82/170/197	101/209/233	82/170/197	82/170/197
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
		Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø15.88mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m
Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	5	5	
		Max	m	15	15	15	20	20	15	15	15	15	15	20	
Piping Height	Max	m	8	8	8	8	8	7	7	7	8	8	8	8	
			-	-	-	-	-	-	-	-	-	-	-	-	
Refrigerant	Add Refrigerant	G	-	-	-	-	-	-	-	-	-	-	-	-	
		g/m	-	-	-	-	-	-	-	-	-	-	-	-	
Features			•	•	•	•	•	•	•	•	•	•	•	•	
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•	
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-	
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	
		Catechin Filter		•	•	•	•	•	•	•	•	•	•	•	•
		Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•	•
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-	-	
		Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	•
		Timer		•	•	•	•	•	•	•	•	•	•	•	•
		Energy Saving Mode		•	•	•	•	•	•	•	•	•	•	•	•
		Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•
		Auto Changeover		-	-	-	-	-	-	-	-	-	-	-	-
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•	•	
		Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
		Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
		Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
		Auto Grille		•	•	•	•	•	•	•	•	•	•	•	•
		Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•
		Auto Clean (self cleaning)		•	•	•	•	•	•	•	•	•	•	•	•
ETC.			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-	-	-	-	-	
		Heating	°C	-	-	-	-	-	-	-	-	-	-	-	-

Specifications of the real product can be different from the above.

Specifications

Vivace Specifications /

>> ME AFRICA / INDIA / SE ASIA



AREA			ME AFRICA					INDIA		SE ASIA							
MODEL			AQ24VWCHAC	AS18VWC	AS24VWC	AQ18VWC	AQ24VWC	AS12VXATL	AS18VBXTL	AS09V*CXTC	AS12V*CXTC	AS09V*LNXSS	AS12V*LNXSS	AS09V*LNXME/XSV	AS12V*LNXME/XSV	AS18V*LNXME/XSV	
		V/Hz/ø	HP	CO	CO	HP	HP	CO	HP	CO	CO	CO	CO	CO	CO	CO	
Performance	Power Source		220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	230/50/1	230/50/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220/50/1	220/50/1	220/50/1	
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	24,000	18,000	24,000	18,000	24,000	3,650	5,350	9,385	11,945	9,500	12,300	9,000	12,000	18,000
			Cal/hr.	5,847	4,385	5,847	4,385	5,847	-	-	-	-	2,394	3,100	2,268	3,009	-
		Heating	Btu/hr.	24,000	-	-	20,000	24,000	-	-	2.75	3.5	-	-	-	-	-
Cal/hr.			6,019	-	-	4,815	6,019	-	-	-	-	-	-	-	-	-	
Energy Efficiency	Cooling	EER (Btu/W)	9.23	9.47	9.23	9.47	9.23	-	-	9.98	9.63	11.6	11.7	10.8	10.26	10.00	
		EER(W/W)	2.62	2.68	2.62	2.68	2.62	3.15	3.11	2.93	2.82	0.00	3.43	2.90	2.99	2.93	
	Heating	COP(W/W)	2.69	3.26	-	3.26	2.81	-	-	-	-	-	-	-	-	-	
Moisture Removal	Air Circulation (Max)	l/hr.	2.6	1.9	2.6	1.9	2.7	1.5	2	1	1.5	1.0	1.5	1.0	1.3	2.0	
		m ³ /min	17	15	17	15	17	10	14	7.5	9.6	8.0	10.0	8.0	9	14.0	
Noise Level	Indoor High/Low	dB	42/35	40/32	42/35	40/32	42/35	43/38	48/40	39	40/35	32/26	36/28	32/26	36 / 26	42/32	
	Outdoor High	dB	55	52	55	52	55	56	59	51	54	46	49	46	46	53	
Electrical Data	Power Source	V/Hz/ø	220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	230/50/1	230/50/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220/50/1	220/50/1	220/50/1	
	Power Consumption		2,600	1,900(2,250)	2,600	1,900(2,250)	2,600	1,160	1,720	940	1,240	830	1,050	830	1,150	1,800	
	Operating Current	Cooling	12.5	8.8(10.1)	12	8.8(10.1)	12	4.9	7.6	4.5	5.7	-	-	4	5.4	9.0	
		Heating	12.5	-	-	8.2	12	-	-	-	-	-	-	-	-	-	
Dimension & Loading Q'ty	Net Dimension (WxHxD)	Indoor	mm	1,065x298x214	1,065x298x214	1,065x298x214	1,065x298x214	825x285x192.5	1,065x298x222.5	825x285x189	825x285x189	825x285x189	825x285x189	825x285x189	825x285x189	825x285x189	
		Outdoor	mm	790x548x285	790x548x285	790x548x285	790x548x285	790x548x285	790x548x285	790x548x285	660x470x240	720x548x265	720x548x265	720x548x265	660x470x240	720x548x265	790x548x285
	Net Weight	Indoor	kg	13.0	13.0	13.0	13.0	9.0	13.0	8.5	9.0	8.5	8.5	8.5	9.0	9.2	
		Outdoor	kg	41.0	39.0	41.0	39.0	41.0	29	39	24.5	31	31	34	24.5	31	38
	Shipping Weight	Indoor	kg	16.0	16.0	16.0	16.0	12.0	16.0	10.0	11.0	10.0	10.0	10.0	11.0	11.2	
		Outdoor	kg	45.0	43.0	45.0	43.0	45.0	33	42	26.5	33	33	36	26.5	33	41
Technical information	Loading Q'ty	W Pipe	20/40ft/jumbo	82/170/197	82/170/197	82/170/197	82/170/197	106/231/259	74/154/177	108/232/256	96/205/233	96/205/233	96/205/233	116/240/273	116/240/273	116/240/273	
		W/O Pipe	20/40ft/jumbo	82/170/197	82/170/197	82/170/197	82/170/197	-	-	117/251/272	106/222/252	106/231/259	106/231/259	136/280/303	136/280/303	84/165/187	
	SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx4.85m	ø6.35mmx4.85m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	
		Gas	ODxL	ø15.88mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø9.52mmx4.85m	ø12.7mmx4.85m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m
	Piping Length	STD	m	5	5	5	5	5	5	4.85	4.85	5	5	5	5	5	
		Max	m	20	15	20	15	20	15	15	15	15	15	15	15	15	
	Piping Height	Max	m	8	8	8	8	8	7	8	7	7	7	7	7	8	
Features	Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Add Refrigerant	g/m	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MPI		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Silver Coated Health System	Silver Coated Filter	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		Silver Coated Evaporator	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Pure & Clean Air	DNA Filter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Pure Filter (HAF Filter)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Operating Mode	Dehumidification	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		Turbo Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Convenience	Timer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		Energy Saving Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	ETC.	Compressor Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
		Low Ambient															

Specifications of the real product can be different from the above.

Specifications

Crystal Specifications /

>> EUROPE / CIS / AMERICA



AREA			EUROPE				CIS				AMERICA				
MODEL			AQV09EWAN	AQV12EWAN	AQ09EWAN	AQ12EWAN	AQ09EANSER	AQ12EANSER	AQ18EANSER	AQ24EANSER	AQ09ELNSER	AQ12ELNSER	AQ18ELNSER	AQ12EBANXAX	
		V/Hz/ø	S-Inverter	S-Inverter	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	
Performance	Power Source		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	
	Refrigerant Type		R410a	R410a	R410a	R410a	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	8,530	11,942	9,384	11,944	9,300	12,000	18,000	23,200	9,300	12,000	18,000	12,000
			Cal/hr.	2,150	3,009	2,365	3,010	2,344	3,024	4,536	5,847	2,344	3,024	4,536	3,024
		Heating	kW	2.5	3.5	2.75	3.50	2.73	3.52	5.27	6.80	2.73	3.52	5.27	3.52
			Btu/hr.	11,260	13,649	9,896	12,968	10,000	13,000	19,500	24,500	10,000	13,000	19,500	13,000
Energy Efficiency	Cooling	EER (Btu/W)	13.9	11.2	11.3	11.7	9.5	9.5	9.5	9.3	9.5	9.5	9.5	10.0	
		EER(W/W)	4.08	3.30	3.31	3.41	2.78	2.79	2.78	2.72	2.78	2.79	2.78	2.93	
	Heating	COP(W/W)	4.10	3.61	3.82	3.62	3.26	3.28	3.01	2.71	3.26	3.28	3.01	2.87	
Moisture Removal		l/hr.	1.0	1.4	1.0	1.5	1.0	1.5	1.8	2.4	1.0	1.5	1.8	1.5	
Air Circulation (Max)		m ³ /min	8.0	9.0	9	11	7.5	9.5	13.0	17.0	7.5	9.5	13.0	9.5	
Noise Level	Indoor High/Low	dB	31/21	35/21	31/22	36/26	33/24	35/25	40/31	42/33	33/24	35/25	40/31	35/26	
	Outdoor High	dB	45	45	45	46	47	50	52	54	47	50	52	50	
Power Source		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	
Power Consumption	Cooling	W	613	1,060	830	1,025	980	1,260	1,900	2,500	980	1,260	1,900	1,200	
	Heating	W	805	1,108	760	1,050	900	1,160	1,900	2,650	900	1,160	1,900	1,325	
Operating Current	Cooling	A	3.0	4.8	3.9	5.2	4.6	5.8	9.0	12.0	4.6	5.8	9.0	5.7	
	Heating	A	3.5	5.2	3.6	5.1	4.2	5.3	9.0	12.5	4.2	5.3	9.0	6.3	
Net Dimension (WxHxD)	Indoor	mm	820x285x190	820x285x190	820x285x190	890x285x190	820x285x190	820x285x190	890x285x190	1,065x298x222	820x285x190	820x285x190	890x285x190	820x285x190	
	Outdoor	mm	790x548x285	790x548x285	660x475x242	720x548x265	660x475x242	660x475x242	790x285x548	790x285x548	660x475x242	660x475x242	790x285x548	720x548x265	
Net Weight	Indoor	kg	8.2	8.2	8.7	9.2	8	8.7	9.2	13	8	8.7	9.2	8.7	
	Outdoor	kg	31.5	31.5	33	37	25	32	39	48	25	32	39	37	
Shipping Weight	Indoor	kg	10	10	10.1	11.5	9.4	10.1	11.5	16	9.4	10.1	11.5	10.1	
	Outdoor	kg	35.4	35.4	37	41	29	36	43	50	29	36	43	41	
Loading Q'ty	W Pipe	20/40ft/jumbo	92/190/212	92/190/212	123/252/280	95/198/222	123/252/280	123/252/280	90/188/210	78/164/188	123/252/280	123/252/280	90/188/210	96/200/224	
	W/O Pipe	20/40ft/jumbo	96/204/229	96/204/229	130/270/302	100/211/235	130/270/302	130/270/302	97/202/228	78/164/188	130/270/302	130/270/302	97/202/228	103/216/246	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	
	Gas	ODxL	ø9.52mmx5m	ø9.52mmx5m	9.52	12.7	9.52	12.7	12.7	15.8	9.52	12.7	12.7	12.7	
Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	5	5	
	Max	m	15	15	15	15	15	15	15	20	15	15	15	15	
Piping Height	Max	m	8	8	7	7	7	7	8	7	7	7	7	7	
Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-	-	
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-	-	-	
Features	MPI		•	•	•	•	•	•	•	•	•	•	•	•	
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•
	Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	-
		Catechin Filter		•	•	•	•	•	•	•	•	•	•	•	•
		Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•	•
	Operating Mode	Comfort Care		•	•	•	•	•	•	•	•	•	•	•	•
		Smart Saver		•	•	•	•	•	•	•	•	•	•	•	•
		Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	•
		Timer		•	•	•	•	•	•	•	•	•	•	•	•
		Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•
	Convenience	Auto Changeover		•	•	•	•	•	•	•	•	•	•	•	•
Filter Cleaning Indicator			•	•	•	•	•	•	•	•	•	•	•	•	
Auto Wind			•	•	•	•	•	•	•	•	•	•	•	•	
Air Flow Control Steps (Cool/Fan)			4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
Air Direction Control (Up/Down)			AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•	•	
Auto Clean (self cleaning)		•	•	•	•	•	•	•	•	•	•	•	•	•	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-10~43	-10~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	
	Heating	°C	-15~24	-15~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	

Specifications of the real product can be different from the above.

Specifications

Crystal Specifications /

>> AMERICA / SE ASIA



AREA			AMERICA				SE ASIA								
MODEL			AQ18BANXAX	AS12EBANXAX	AS18EBANXAX	AS24EBANXAX	AS09EBANXAP	AS12EBANXAP	AS18EBANXAP	AS24EBANXAP	AS10ELNXST	AS13ELNXST	AS18ENLXST	AS24ELNXST	
			HP	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	
Performance	Power Source	V/Hz/ø	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
	Refrigerant Type		R22	R22	R22	12,000	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	18,000	12,000	18,000	24,000	9,300	12,000	18,000	24,000	9,200	12,600	18,000	24,000
			Cal/hr.	4,536	3,024	4,536	6,048	2,344	3,024	4,536	6,048	-	-	-	-
	Heating	Btu/hr.	19,500	-	-	-	-	-	-	-	-	-	-	-	
		Cal/hr.	4,914	-	-	-	-	-	-	-	-	-	-	-	
Energy Efficiency	Cooling	EER (Btu/W)	10.0	10.0	10.0	10.0	10.2	10.0	10.0	10.0	11.50	11.50	11.30	9.93	
		EER(W/W)	2.93	2.93	2.93	2.93	2.99	2.93	2.93	2.93	3.37	3.37	3.31	2.91	
	Heating	COP(W/W)	3.08	-	-	-	-	-	-	-	-	-	-	-	
Moisture Removal	l/hr.	1.8	1.5	1.8	2.4	1.0	1.5	1.8	2.4	1.0	1.5	2.0	2.5		
Air Circulation (Max)	m ³ /min	13.0	9.5	13.0	17.0	7.5	9.5	13.0	17.0	8.0	11.0	14.0	15.0		
Noise Level	Indoor High/Low	dB	40/31	35/26	40/31	40/33	33/24	35/26	42/31	42/33	36/26	37/26	42/32	44/35	
	Outdoor High	dB	52	50	52	54	47	49	52	54	49	49	53	56	
Power Source	V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1		
Power Consumption	Cooling	W	1,800	1,200	1,800	2,400	910	1,200	1,800	2,400	800	1,096	1,594	2,417	
	Heating	W	1,850	-	-	-	-	-	-	-	-	-	-	-	
Operating Current	Cooling	A	8.6	5.7	8.6	11.5	4.4	5.7	8.6	11.5	2.9	5.2	7.5	10.5	
	Heating	A	8.9	-	5.3	-	-	-	-	-	-	-	-	-	
Net Dimension (WxHxD)	Indoor	mm	890x285x190	820x285x190	890x285x190	1,065x298x222	820x285x190	820x285x190	890x285x190	1,065x298x222	820x285x190	890x285x190	1,065x298x222	1,065x298x222	
	Outdoor	mm	790x285x548	720x548x265	790x285x548	880x638x310	660x475x242	720x548x265	790x285x548	880x638x310	660x470x240	660x470x240	880x648x310	880x648x310	
Net Weight	Indoor	kg	9.2	8.7	9.2	13	8	8.7	9.2	13	8.2	9.2	13	13	
	Outdoor	kg	39	37	39	56	26	37	39	56	22.5	25.1	49	51	
Shipping Weight	Indoor	kg	11.5	10.1	11.5	16	9.4	10.1	11.5	16	9.6	11.2	16	16	
	Outdoor	kg	43	41	43	58	30	41	43	58	24.5	27.1	53	55	
Loading Q'ty	W Pipe	20/40ft/jumbo	90/188/210	96/200/224	90/188/210	61/130/150	123/252/280	96/200/224	90/188/210	61/130/150	112/240/266	120/252/274	63/130/150	63/130/150	
	W/O Pipe	20/40ft/jumbo	97/202/228	103/216/246	97/202/228	66/138/152	130/270/302	103/216/246	97/202/228	66/138/152	123/253/285	129/265/299	61/130/145	61/130/145	
SVC Valve	Liquid	ODxL	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	
	Gas	ODxL	12.7	12.7	12.7	15.8	9.52	12.7	15.8	15.8	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø15.9mmx5.0m	
Piping Length	STD	m	5	5	5	5	5	5	5	7.5	7.5	7.5	7.5		
	Max	m	15	15	15	20	15	15	15	20	15	15	20		
Piping Height	Max	m	8	7	8	8	7	7	8	7	7	8	8		
Refrigerant	G		-	-	-	-	-	-	-	-	-	-	-		
Add Refrigerant	g/m		-	-	-	-	-	-	-	-	-	-	-		
Features	MPI		-	-	-	-	-	-	-	-	-	-	-	-	
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	
	Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	•	•	•	•	
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	
		Catechin Filter		•	•	•	•	•	•	•	•	•	•	•	
		Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•	
	Operating Mode	Comfort Care		-	-	-	-	-	-	-	-	-	-	-	
		Smart Saver		•	•	•	•	•	•	•	•	•	•	•	
		Dehumidification		•	•	•	•	•	•	•	•	•	•	•	
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	
		Timer		•	•	•	•	•	•	•	•	•	•	•	
		Auto Restart		•	•	•	•	•	•	•	•	•	•	•	
		Auto Changeover		•	•	•	•	•	•	•	•	•	•	•	
Convenience	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	-	-	-		
	Auto Wind		•	•	•	•	•	•	•	•	•	•	•		
	Air Flow Control Steps (Cool/Fan)		•	•	•	•	•	•	•	•	•	•	•		
	Air Direction Control (Up/Down)		•	•	•	•	•	•	•	•	•	•	•		
	Air Direction Control (Left/Right)		•	•	•	•	•	•	•	•	•	•	•		
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	15	15	15	15	15	15	15	-	-	-	-		
	Heating	°C	-	-	-	-	-	-	-	-	-	-	-		

Specifications of the real product can be different from the above.

Crystal Specifications /

>> SE ASIA



AREA			SE ASIA																
MODEL			AS09ELNXSS				AS12ELNXSS				AS18ELNXSS				AS24ELNXSS				
	V/Hz/ø		CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO		
Performance	Power Source	V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1		
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22		
	Capacity	Cooling	Btu/hr.	9,200	12,600	18,000	24,000	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000
			Cal/hr.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Heating	KW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Btu/hr.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Cal/hr.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		KW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Energy Efficiency	Cooling	EER (Btu/W)	11.50	11.50	11.30	9.93	11.25	10.72	10.00	10.20	11.25	10.72	10.00	10.20	11.25	10.72	10.00	10.20	
	Heating	EER(W/W)	3.37	3.37	3.31	2.91	3.30	3.14	2.93	2.99	3.30	3.14	2.93	2.99	3.30	3.14	2.93	2.99	
		COP(W/W)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Moisture Removal		l/hr.	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5	
	Air Circulation (Max)	m ³ /min	8.0	11.0	14.0	15.0	8.0	10.0	14.0	15.0	8.0	10.0	14.0	15.0	8.0	10.0	14.0	15.0	
Noise Level	Indoor High/Low	dB	36/26	37/26	42/32	44/35	36/26	37/26	42/32	44/35	36/26	37/26	42/32	44/35	36/26	37/26	42/32	44/35	
	Outdoor High	dB	49	49	53	56	49	49	53	56	49	49	53	56	49	49	53	56	
Electrical Data	Power Source	V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
	Power Consumption	Cooling	W	800	1,096	1,594	2,417	800	1,120	1,800	2,352	800	1,120	1,800	2,352	800	1,120	1,800	2,352
	Heating	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operating Current	Cooling	A	2.9	5.2	7.5	10.5	4.0	5.3	9.0	10.7	4.0	5.3	9.0	10.7	4.0	5.3	9.0	10.7	
	Heating	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dimension & Loading Q'ty	Net Dimension (WxHxD)	Indoor	mm	820x285x190	890x285x190	1,065x298x222	1,065x298x222	820x285x190	820x285x190	890x285x190	1,065x298x222	1,065x298x222	820x285x190	820x285x190	890x285x190	1,065x298x222	1,065x298x222	1,065x298x222	
	Outdoor	mm	660x470x240	660x470x240	880x648x310	790x548x285	660x470x240	660x470x240	790x548x285	880x648x310	660x470x240	660x470x240	790x548x285	880x648x310	660x470x240	660x470x240	790x548x285	880x648x310	
Net Weight	Indoor	kg	8.2	9.2	13	13	8.2	8.9	9.2	13	8.2	8.9	9.2	13	8.2	8.9	9.2	13	
	Outdoor	kg	22.5	25.1	49	43.5	21.7	24.9	38	51	21.7	24.9	38	51	21.7	24.9	38	51	
Shipping Weight	Indoor	kg	9.6	11.2	16	16	9.6	10.3	11.2	16	9.6	10.3	11.2	16	9.6	10.3	11.2	16	
	Outdoor	kg	24.5	27.1	53	46.5	23.7	26.9	41	55	23.7	26.9	41	55	23.7	26.9	41	55	
Loading Q'ty	W Pipe	20/40ft/jumbo	112/240/266	120/252/274	63/130/150	71/147/162	112/240/266	112/240/266	82/165/187	63/130/150	112/240/266	112/240/266	82/165/187	63/130/150	112/240/266	112/240/266	82/165/187	63/130/150	
	W/O Pipe	20/40ft/jumbo	123/253/285	129/265/299	61/130/145	73/153/176	123/253/285	123/253/285	84/165/187	61/130/145	123/253/285	123/253/285	84/165/187	61/130/145	123/253/285	123/253/285	84/165/187	61/130/145	
SVC Valve	Liquid	ODxL	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	
	Gas	ODxL	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø15.9mmx5.0m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø15.9mmx5.0m	
Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	Max	m	15	15	15	20	15	15	15	20	15	15	15	20	15	15	15	20	
Piping Height	Max	m	7	7	8	8	7	7	8	8	7	7	8	8	7	7	8	8	
Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Features	MPI		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Catechin Filter		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Operating Mode	Comfort Care		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Smart Saver		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Changeover		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Convenience	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Auto Wind		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Heating	°C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

Crystal Specifications /

>> INDIA



AREA			INDIA								
MODEL			AS12EAXTL	AS12EFAXTL	AS18EFAXTL	AS18ETAXTL	AS18EAXTL	AS24ETAXTL	AS12EXAXTL	AS18EXAXTL	
		V/Hz/ø	C0	C0	C0	C0	C0	C0	C0	C0	
Performance	Power Source		230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	3,500	3,600	5,300	5,100	5,100	6,500	3,650	5,350
			Cal/hr.	-	-	-	-	-	-	-	-
		Heating	kW	-	-	-	-	-	-	-	-
			Btu/hr.	-	-	-	-	-	-	-	-
		Cal/hr.	-	-	-	-	-	-	-	-	
		kW	-	-	-	-	-	-	-	-	
Energy Efficiency	Cooling	EER (Btu/W)	-	-	-	-	-	-	-	-	
	Heating	EER(W/W)	2.63	3.05	2.98	2.85	2.63	2.77	3.15	3.11	
		COP(W/W)	-	-	-	-	-	-	-	-	
Moisture Removal		l/hr.	1.5	1.5	2.0	2.0	2.0	2.5	1.5	2	
Air Circulation (Max)		m ³ /min	10.0	10.0	14.0	13.0	13.0	15.0	10	14	
Noise Level	Indoor High/Low	dB	43/38	43/38	48/40	48/40	48/40	48/42	43/38	48/40	
	Outdoor High	dB	56	56	58	58	58	61	56	59	
Power Consumption	Cooling	W	1,330	1,180	1,780	1,790	1,940	2,350	1,160	1,720	
	Heating	W	-	-	-	-	-	-	-	-	
Operating Current	Cooling	A	5.8	5.1	8.0	8.0	8.2	10.2	4.9	7.6	
	Heating	A	-	-	-	-	-	-	-	-	
Net Dimension (WxHxD)	Indoor	mm	890x286x190	890x286x190	1,065x298x222	890x286x190	890x286x190	1,065x298x222	890x286x190	1,065x298x222.5	
	Outdoor	mm	720x548x265	720x548x265	790x548x285	790x548x285	790x548x285	880x638x310	790x548x285	880x638x310	
Net Weight	Indoor	kg	8	8	9	9	9	12	9	13	
	Outdoor	kg	29	29	33	33	33	56	33	39	
Shipping Weight	Indoor	kg	10	10	11	11	11	14	12	16	
	Outdoor	kg	33	33	36	36	36	58	36	42	
Loading Q'ty	W Pipe	20/40ft/jumbo	100/211/235	100/211/235	97/202/228	97/202/228	97/202/228	66/138/152	106/231/259	74/154/177	
	W/O Pipe	20/40ft/jumbo	-	-	-	-	-	-	-	-	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m	ø12.7mmx5m	ø12.7mmx5m	
Piping Length	STD	m	5	5	5	5	5	5	5	5	
	Max	m	15	15	15	15	15	15	15	15	
Piping Height	Max	m	7	8	8	8	8	8	7	8	
Refrigerant		G	-	-	-	-	-	-	-	-	
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	
MPI			-	-	-	-	-	-	-	-	
Good'sleep II			•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	
	Silver Coated Evaporator		-	-	-	-	-	-	-	-	
	Anti Bacteria Evaporator		•	•	•	•	•	•	•	•	
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	•	•	
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	
	Catechin Filter		•	•	•	•	•	•	•	•	
	Deodorizing Filter		•	•	•	•	•	•	•	•	
Operating Mode	Comfort Care		-	•	•	•	-	•	•	•	
	Smart Saver		•	•	•	•	•	•	•	•	
	Dehumidification		•	•	•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	•	•	
	Auto Restart		•	•	•	•	•	•	•	•	
	Auto Changeover		-	-	-	-	-	-	-	-	
Convenience	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	
	Auto Wind		•	•	•	•	•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		•	•	•	•	•	•	•	•	
	Air Direction Control (Up/Down)		•	•	•	•	•	•	•	•	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
	Remote Controller		•	•	•	•	•	•	•	•	
	Auto Clean (self cleaning)		-	-	-	-	-	-	-	-	
ETC.	Compressor Type	°C	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	21	21	21	21	21	21	21	21	
	Heating		-	-	-	-	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

Max Specifications /

>> EUROPE



AREA			EUROPE												
MODEL			AQV09UGAN	AQV12UGAN	AQV18UGAN	AQV24UGAN	AQ09RGAN	AQ09UGBN	AQ12UGAN	AQ12UGBN	AQ18UGAN	AQ24UGAN	AQ09RGANEUR	AQ12UGANEUR	
			S-Inverter				HP				HP				
			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
			R410a				R410a				R22				
Performance	Power Source	V/Hz/ø	220-240/50/1												
	Refrigerant Type		R410a												
	Capacity	Cooling	Btu/hr.	8,530	11,260	17,061	23,203	9,043	9,384	11,944	11,944	17,745	23,205	9,000	12,000
			Cal/hr.	2,150	2,837	4,299	5,847	2,279	2,365	3,010	3,010	4,472	5,848	2,268	3,024
		Heating	kW	2.5	3.3	5.0	6.8	2.65	2.75	3.50	3.50	5.20	6.80	2.64	3.52
			Btu/hr.	11,260	13,649	20,473	27,297	9,384	9,896	12,968	12,968	19,793	23,888	9,500	13,000
Energy Efficiency	Cooling	EER (Btu/W)	11.6	11.0	11.0	10.3	10.3	11.0	9.6	11.0	9.6	9.6	9.2	9.5	
		EER(W/W)	3.40	3.21	3.21	3.01	3.01	3.22	2.82	3.21	2.81	2.81	2.69	2.79	
	Heating	COP(W/W)	3.63	3.61	3.61	2.81	3.21	3.41	3.22	3.41	3.22	2.81	3.09	3.28	
Moisture Removal		l/hr.	1.0	1.4	2.5	3.0	1.0	1.0	1.5	1.5	1.8	2.4	1.0	1.5	
Air Circulation (Max)		m ³ /min	8.0	9.0	13.0	15.0	7.0	7.5	9.5	9.5	13.0	17.0	7.0	9.5	
Noise Level	Indoor High/Low	dB	32/23	36/23	40/30	41/30	32/24	32/24	36/26	36/26	40/32	42/35	32/24	35/26	
	Outdoor High	dB	45	47	53	55	46	46	47	47	52	55	46	49	
Power Source	V/Hz/ø	220-240/50/1													
Power Consumption	Cooling	W	735	1,028	1,470	2,260	880	855	1,240	1,090	1,850	2,420	980	1,260	
	Heating	W	910	1,108	2,660	2,850	857	850	1,180	1,115	1,800	2,490	900	1,160	
Operating Current	Cooling	A	3.5	4.9	6.8	10.6	4.2	4.1	5.4	5.4	8.5	10.8	4.6	5.8	
	Heating	A	4.4	5.2	7.7	13.0	3.7	3.7	5.1	5.1	8.2	11.2	4.2	5.3	
Net Dimension (WxHxD)	Indoor	mm	820x285x190	820x285x190	1,065x298x222	1,065x298x222	728x255x185	820x285x190	820x285x190	820x285x190	1,065x298x222	1,065x298x222	728x255x185	820x285x190	
	Outdoor	mm	720x548x265	720x548x265	880x638x310	880x638x310	660x475x242	660x475x242	720x548x265	720x548x265	790x285x548	880x638x310	660x475x242	660x475x242	
Net Weight	Indoor	kg	8.2	8.2	13	13	6.8	8.7	8.7	8.7	12	13	6.8	8.7	
	Outdoor	kg	31.5	31.5	47	51	26	26	37	37	39	56	25	32	
Shipping Weight	Indoor	kg	10	10	16	16	8.3	10.1	10.1	10.1	15	16	8.3	10.1	
	Outdoor	kg	33.0	33.0	50	53	30	30	41	41	43	58	29	36	
Loading Q'ty	W Pipe	20/40ft/jumbo	96/200/224	96/200/224	61/130/150	61/130/150	128/276/304	123/252/280	96/200/224	96/200/224	78/164/188	61/130/150	128/276/304	123/252/280	
	W/O Pipe	20/40ft/jumbo	103/216/246	103/216/246	66/138/152	66/138/152	142/299/336	130/270/302	103/216/246	103/216/246	78/164/188	66/138/152	142/299/336	130/270/302	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx5m	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	
	Gas	ODxL	ø9.52mmx5m	ø9.52mmx5m	ø12.7mmx7.5m	ø15.88mmx5m	9.52	9.52	12.7	12.7	12.7	15.8	9.52	12.7	
Piping Length	STD	m	5	5	7.5	5	5	5	5	5	5	5	5	5	
	Max	m	15	15	30	30	15	15	15	15	15	20	15	15	
Piping Height	Max	m	7	7	15	15	7	7	7	7	8	8	7	7	
Refrigerant	G		-	-	-	-	-	-	-	-	-	-	-	-	
Add Refrigerant	g/m		-	-	-	-	-	-	-	-	-	-	-	-	
MPI			-	-	-	-	-	-	-	-	-	-	-	-	
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•	
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-	
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	-	
	Catechin Filter		-	-	-	-	-	-	-	-	-	-	-	-	
	Deodorizing Filter		-	-	-	-	-	-	-	-	-	-	-	-	
Operating Mode	Comfort Care		-	-	-	-	-	-	-	-	-	-	-	-	
	Smart Saver		•	•	•	•	•	•	•	•	•	•	•	•	
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Changeover		•	•	•	•	•	•	•	•	•	•	•	•	
Convenience	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	-	-	-	-	
	Auto Wind		•	•	•	•	•	•	•	•	•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Clean (self cleaning)		-	-	-	-	-	-	-	-	-	-	-	-	
ETC.	Compressor Type		ROTARY	ROTARY	TWIN	TWIN	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	10-43	10-43	-10-43	-10-43	15-43	15-43	15-43	15-43	15-43	15-43	15-43	15-43	
	Heating	°C	-10-24	-10-24	-15-24	-15-24	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	

Specifications of the real product can be different from the above.

Specifications

Max Specifications /

>> EUROPE / CIS / AMERICA



AREA	MODEL	EUROPE				CIS				AMERICA					
		AQ18UGANEUR	AQ24UGANEUR	AQ09RANSER	AQ12UANSER	AQ18UANSER	AQ24UANSER	AQ07RLNSER	AQ09RLNSER	AQ12ULNSER	AQ18ULNSER	AQ12UBANXAX	AQ18UBANXAX	AQ24UBANXAX	
Performance	Power Source	V/Hz/ø		HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	
	Refrigerant Type	R22		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	18,000	23,200	9,000	12,000	18,000	23,200	7,000	9,000	12,000	18,000	23,200	
			Cal/hr.	4,536	5,847	2,268	3,024	4,536	5,847	-	-	-	3,024	4,536	5,847
		Heating	kW	5.27	6.80	2.64	3.52	5.27	6.80	-	-	-	3.52	5.27	6.80
			Btu/hr.	19,500	24,500	9,500	13,000	19,500	24,500	7,500	9,500	13,000	19,500	24,500	32,000
	Energy Efficiency	Cooling	EER (Btu/W)	9.5	9.3	9.2	9.5	9.5	9.3	-	-	-	9.5	9.5	9.3
			EER(W/W)	2.78	2.72	2.69	2.79	2.78	2.72	3.02	2.69	2.79	2.78	2.78	2.72
		Heating	COP(W/W)	3.01	2.71	3.09	3.28	3.01	2.71	3.38	3.00	3.28	3.01	3.28	3.01
			Moisture Removal	l/hr.	1.8	2.4	1.0	1.5	1.8	2.4	0.8	1.0	1.5	2.0	1.5
Air Circulation (Max)		m ³ /min	13.0	17.0	7.0	9.5	13.0	17.0	6.0	8.0	10.0	14.0	9.5	13.0	
Noise Level	Indoor High/Low	dB	40/32	42/33	32/24	35/26	40/32	42/33	34/26	36/26	37/26	42/32	35/26	40/32	
	Outdoor High	dB	52	54	46	49	52	54	47	49	51	53	50	52	
Electrical Data	Power Source	V/Hz/ø		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	
	Power Consumption	Cooling	W	1,900	2,500	980	1,260	1,900	2,500	680	980	1,260	1,900	2,500	
	Operating Current	Heating	W	1,900	2,650	900	1,160	1,900	2,650	650	928	1,160	1,900	2,650	
		Cooling	A	9.0	12.0	4.6	5.8	9.0	12.0	3.0	4.6	5.8	9.0	12.0	
	Heating	A	9.0	12.5	4.2	5.3	9.0	12.5	2.8	4.2	5.3	9.0	12.7		
		Net Dimension (WxHxD)	Indoor	mm	890x285x190	1,065x298x222	728x255x185	820x285x190	890x285x190	1,065x298x222	728x255x170	728x255x185	820x285x190	890x285x190	1,065x298x222
Dimension & Loading Q'ty	Outdoor	mm	790x285x548	790x285x548	660x475x242	660x475x242	790x285x548	790x285x548	660x470x240	660x470x240	660x470x240	790x285x548	790x285x548	790x285x548	
		Net Weight	Indoor	kg	9.2	13	6.8	8.7	9.2	13	6.5	6.8	8.9	9.2	13
	Outdoor	kg	39	48	25	32	39	48	21.6	24.5	25.9	38	39	48	
		Shipping Weight	Indoor	kg	11.5	16	8.3	10.1	11.5	16	7.5	7.8	10.3	11.5	16
	Outdoor	kg	43	50	29	36	43	50	23.6	26.5	27.9	41	43	50	
		Loading Q'ty	W Pipe	20/40ft/jumbo	90/188/210	78/164/188	128/276/304	123/252/280	90/188/210	78/164/188	134/281/315	134/281/315	112/240/266	82/165/187	123/252/280
Technical information	W/O Pipe	20/40ft/jumbo	97/202/228	78/164/188	142/299/336	130/270/302	97/202/228	78/164/188	152/314/348	152/314/348	123/253/285	84/165/187	130/270/302	97/202/228	78/164/188
		SVC Valve	Liquid	ODxL	6.35	6.35	6.35	6.35	6.35	6.35	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	6.35
	Gas	ODxL	12.7	15.8	9.52	12.7	12.7	15.8	ø9.52mmx5.0m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	12.7	12.7	15.8
		Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	5
	Max	m	15	20	15	15	15	20	15	15	15	15	15	20	
		Piping Height	Max	m	8	8	7	7	8	8	7	7	8	8	8
Features	Refrigerant	G	-	-	-	-	-	-	-	-	-	-	-	-	
	Add Refrigerant	g/m	-	-	-	-	-	-	-	-	-	-	-	-	
	MPI		-	-	-	-	-	-	-	-	-	-	-	-	
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	
	Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	
		Catechin Filter		-	-	-	-	-	-	-	-	-	-	-	
		Deodorizing Filter		-	-	-	-	-	-	-	-	-	-	-	
	Operating Mode	Comfort Care		-	-	-	-	-	-	-	-	-	-	-	
		Smart Saver		•	•	•	•	•	•	•	•	•	•	•	
Dehumidification			•	•	•	•	•	•	•	•	•	•	•		
Turbo Mode			•	•	•	•	•	•	•	•	•	•	•		
Timer			•	•	•	•	•	•	•	•	•	•	•		
Auto Restart			•	•	•	•	•	•	•	•	•	•	•		
Convenience	Auto Changeover		•	•	•	•	•	•	•	•	•	•	•		
	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	-	-	-		
	Auto Wind		•	•	•	•	•	•	•	•	•	•	•		
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3		
Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO			
Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL			
Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•		
Auto Clean (self cleaning)		-	-	-	-	-	-	-	-	-	-	-	-		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	15-43	15-43	15-43	15-43	15-43	15-43	15-43	15-43	15-43	15	15	15	
	Heating	°C	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	0	0	0	

Specifications of the real product can be different from the above.

Specifications

Max Specifications /

>> AMERICA / SE ASIA



AREA			AMERICA					SE ASIA									
MODEL			AS12UBANXAX	AS12UAANXAX	AS18UBANXAX	AS24UBANXAX	AS09RBNAXP	AS12UAANXAP	AS12UBANXAP	AS18UBANXAP	AS24UBANXAP	AQ09RANXCH	AQ12UANXCH	AQ18UANXCH	AQ24UANXCH	AS09RAXTC	
		V/Hz/ø	CO	CO	CO	CO	CO	CO	CO	CO	CO	HP	HP	HP	CO	CO	
Performance	Power Source		220/60/1	110/60/1	220/60/1	220/60/1	220/60/1	110/60/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	110/60/1	
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	12,000	12,000	18,000	24,000	9,000	12,000	12,000	18,000	24,000	9,000	12,000	18,000	23,200	9,000
			Cal/hr.	3,024	3,024	4,536	6,048	2,268	3,024	3,024	4,536	6,048	2,268	3,024	4,536	5,847	2,268
	Heating	kW	3.52	3.52	5.27	7.03	2.64	3.52	3.52	5.27	7.03	2.64	3.52	5.27	6.80	2.64	
		Btu/hr.	-	-	-	-	-	-	-	-	-	9,500	13,000	19,500	24,500	-	
Energy Efficiency	Cooling	EER (Btu/W)	9.3	9.2	9.2	9.2	9.7	9.2	9.3	9.2	9.2	9.2	9.5	9.5	9.3	9.69	
		EER(W/W)	2.73	2.69	2.70	2.70	2.84	2.69	2.73	2.70	2.70	2.69	2.79	2.78	2.72	2.84	
	Heating	COP(W/W)	-	-	-	-	-	-	-	-	-	3.09	3.28	3.01	2.71	-	
Moisture Removal		l/hr.	1.5	1.5	1.8	2.4	1.0	1.5	1.5	1.8	2.4	1.0	1.5	1.8	2.4	1.0	
Air Circulation (Max)		m ³ /min	9.5	9.5	13.0	17.0	7.0	9.5	9.5	13.0	17.0	7.0	9.5	13.0	17.0	7.0	
Noise Level	Indoor High/Low	dB	35/26	35/26	40/32	40/33	33/23	35/26	35/26	40/32	42/33	32/24	35/26	40/32	42/33	33/23	
	Outdoor High	dB	50	50	52	54	47	50	50	52	54	46	49	52	54	47	
Power Source		V/Hz/ø	220/60/1	110/60/1	220/60/1	220/60/1	220/60/1	110/60/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	
Power Consumption	Cooling	W	1,290	1,305	1,955	2,605	930	1,305	1,290	1,955	2,605	980	1,260	1,900	2,500	930	
	Heating	W	-	-	-	-	-	-	-	-	-	900	1,160	1,900	2,650	-	
Operating Current	Cooling	A	6.2	12.5	9.4	12.5	4.4	6.2	6.2	9.4	12.5	4.6	5.8	9.0	12.0	4.4	
	Heating	A	-	-	-	-	-	-	-	-	-	4.2	5.3	9.0	12.5	-	
Net Dimension (WxHxD)	Indoor	mm	820x285x190	820x285x190	890x285x190	1,065x298x222	728x255x185	820x285x190	820x285x190	890x285x190	1,065x298x222	728x255x185	820x285x190	890x285x190	1,065x298x222	820x285x190	
	Outdoor	mm	660x475x242	660x475x242	790x285x548	790x285x548	660x475x242	660x475x242	660x475x242	790x285x548	790x285x548	660x475x242	660x475x242	790x285x548	790x285x548	660x475x242	
Net Weight	Indoor	kg	8.7	8.7	9.2	13	6.8	8.7	8.7	9.2	13	6.8	8.7	9.2	13	6.8	
	Outdoor	kg	32	32	39	48	25	32	32	39	48	25	32	39	48	25	
Shipping Weight	Indoor	kg	10.1	10.1	11.5	16	8.3	10.1	10.1	11.5	16	8.3	10.1	11.5	16	8.3	
	Outdoor	kg	36	36	43	50	29	36	36	43	50	29	36	43	50	29	
Loading Q'ty	W Pipe	20/40ft/jumbo	123/252/280	123/252/280	90/188/210	78/164/188	128/276/304	123/252/280	123/252/280	90/188/210	78/164/188	128/276/304	123/252/280	90/188/210	78/164/188	123/252/280	
	W/O Pipe	20/40ft/jumbo	130/270/302	130/270/302	97/202/228	78/164/188	142/299/336	130/270/302	130/270/302	97/202/228	78/164/188	142/299/336	130/270/302	97/202/228	78/164/188	130/270/302	
SVC Valve	Liquid	ODxL	6.35	6.35	6.35	6.35	-	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	
	Gas	ODxL	12.7	12.7	12.7	15.8	-	12.7	12.7	12.7	15.8	9.52	12.7	12.7	15.8	9.52	
Piping Length	STD	m	5	5	5	5	-	5	5	5	5	5	5	5	5	5	
	Max	m	15	15	15	20	-	15	15	15	20	15	15	15	20	15	
Piping Height	Max	m	7	7	8	8	-	7	7	8	8	7	7	8	8	7	
Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MPI			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Catechin Filter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Deodorizing Filter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operating Mode	Comfort Care		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Smart Saver		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Changeover		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Convenience	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Auto Wind		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Air Direction Control (Up/Down)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Air Direction Control (Left/Right)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
	Heating	°C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Specifications of the real product can be different from the above.

Specifications

Max Specifications /

>> SE ASIA



AREA			SE ASIA													
MODEL			AS12UAUTC	AS18UAUTC	AS24UAUTC	AS10ULNXST	AS13ULNXST	AS18ULNXST	AS24ULNXST	AS09ULNXSS	AS12ULNXSS	AS18ULNXSS	AS24ULNXSS	AS05RLNXSE	AS07RLNXSE	
	Power Source	V/Hz/ø	C0	C0	C0	C0	C0	C0	C0	C0	C0	C0	C0	C0	C0	
Performance	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	12,000	18,000	24,000	9,200	12,600	18,000	24,000	9,200	12,600	18,000	24,000	5,000	7,000
		Cal/hr.	3,024	4,536	6,048	-	-	-	-	-	-	-	-	-	-	-
		Heating	kW	3.52	5.27	7.03	-	-	-	-	-	-	-	-	-	-
		Btu/hr.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.32	9.01	9.21	11.22	11.20	11.30	9.93	11.22	11.20	11.30	9.93	12.82	12.28	
	Heating	EER(W/W)	2.73	2.64	2.70	3.29	3.28	3.31	2.91	3.29	3.28	3.31	2.91	3.76	3.60	
Electrical Data	Moisture Removal	l/hr.	1.5	1.8	2.4	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5	0.6	0.8	
	Air Circulation (Max)	m ³ /min	9.5	13.0	17.0	8.0	10.0	14.0	15.0	8.0	10.0	14.0	15.0	4.5	6	
	Noise Level	Indoor High/Low	dB	35/26	40/32	42/33	36/26	37/26	42/32	44/35	36/26	37/26	42/32	44/35	34/26	34/26
		Outdoor High	dB	50	52	54	49	49	53	56	49	49	53	56	45	45
Dimension & Loading Q'ty	Power Source	V/Hz/ø	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
	Power Consumption	Cooling	W	1,290	2,000	2,600	820	1,125	1,594	2,417	820	1,125	1,594	2,417	390	570
		Heating	W	-	-	-	-	-	-	-	-	-	-	-	-	-
	Operating Current	Cooling	A	6.2	9.6	12.4	2.9	5.2	7.5	10.5	2.9	5.2	7.5	10.5	2.0	3.0
Heating		A	-	-	-	-	-	-	-	-	-	-	-	-	-	
SVC Valve	W Pipe	20/40ft/jumbo	123/252/280	90/188/210	78/164/188	112/240/266	120/252/274	63/130/150	71/147/162	112/240/266	120/252/274	63/130/150	71/147/162	134/281/315	134/281/315	
	W/O Pipe	20/40ft/jumbo	130/270/302	97/202/228	78/164/188	123/253/285	129/265/299	61/130/145	73/153/176	123/253/285	129/265/299	61/130/145	73/153/176	152/314/348	152/314/348	
Technical information	Piping Length	Liquid	ODxL	6.35	6.35	6.35	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	
		Gas	ODxL	12.7	12.7	15.8	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	
	Piping Height	STD	m	5	5	5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	
		Max	m	15	15	20	15	15	15	15	15	15	15	15	15	
Features	Refrigerant	G	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Add Refrigerant	g/m	-	-	-	-	-	-	-	-	-	-	-	-	-	
Features	MPI		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•	
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•	
	Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-	
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	-	
		Catechin Filter		-	-	-	•	•	•	•	•	•	•	•	•	
		Deodorizing Filter		-	-	-	•	•	•	•	•	•	•	•	•	
	Operating Mode	Comfort Care		-	-	-	-	-	-	-	-	-	-	-	-	
		Smart Saver		•	•	•	•	•	•	•	•	•	•	•	•	
		Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•	
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	•	
		Timer		•	•	•	•	•	•	•	•	•	•	•	•	
		Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•	
	Convenience	Auto Changeover		-	-	-	-	-	-	-	-	-	-	-	-	
Filter Cleaning Indicator			-	-	-	-	-	-	-	-	-	-	-	-		
Auto Wind			•	•	•	•	•	•	•	•	•	•	•	•		
Air Flow Control Steps (Cool/Fan)			4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3		
Air Direction Control (Up/Down)			AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO		
Air Direction Control (Left/Right)			MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-	-	-	-	-		
	Heating	°C	-	-	-	-	-	-	-	-	-	-	-	-		

Specifications of the real product can be different from the above.

Specifications

Max Specifications /

>> SE ASIA / ME AFRICA



AREA			SE ASIA				ME AFRICA								
MODEL			AS09RLNXSE	AS12ULNXSE	AS18ULNXSE	AS09RLNXME/XSV	AS12ULNXME/XSV	AS18ULNXME/XSV	AS24ULNXME/XSV	AQ09RLNXSV	AQ12ULNXSV	AQ18ULNXSV	AQ09UAAND	AQ12UAAND	
		V/Hz/ø	CO	CO	CO	CO	CO	CO	CO	HP	HP	HP	HP	HP	
Performance	Power Source		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	9,000	12,000	18,000	24,000	24,000	12,000	18,000	9,384	11,944
			Cal/hr.	-	-	-	-	-	-	-	-	-	-	2,365	3,010
		kW	-	-	-	-	-	-	-	-	-	-	2.75	3.5	
	Heating	Btu/hr.	-	-	-	-	-	-	-	13,000	19,500	9,896	12,968		
		Cal/hr.	-	-	-	-	-	-	-	-	-	-	2,494	3,268	
		kW	-	-	-	-	-	-	-	-	-	-	2.9	3.8	
Energy Efficiency	Cooling	EER (Btu/W)	11.25	10.72	10.00	11.25	10.72	10.00	10.20	10.20	-	-	9.58	9.63	
		EER(W/W)	3.30	3.14	2.93	3.30	3.14	2.93	2.99	2.99	2.79	2.78	2.81	2.82	
	Heating	COP(W/W)	-	-	-	-	-	-	-	-	3.28	3.01	3.02	3.02	
				-	-	-	-	-	-	-	-	-	-	-	
Moisture Removal		l/hr.	1.0	1.5	2.0	1.0	1.5	2.0	2.5	1.5	2.0	1.0	1.5		
Air Circulation (Max)		m ³ /min	8.0	10.0	14.0	8.0	10.0	14.0	15.0	10.0	14.0	7.5	9.5		
Noise Level	Indoor High/Low	dB	36/26	37/26	42/32	36/26	37/26	42/32	44/35	44/35	37/26	42/32	32/24	35/26	
	Outdoor High	dB	49	49	53	49	49	53	56	56	51	53	46	49	
Electrical Data	Power Source	V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
	Power Consumption	Cooling	W	800	1,120	1,800	800	1,120	1,800	2,352	2,352	1,260	1,900	980	1,240
		Heating	W	-	-	-	-	-	-	-	-	1,160	1,900	960	1,260
	Operating Current	Cooling	A	-	-	-	-	-	-	-	-	5.8	9.0	4.7	5.9
Heating		A	-	-	-	-	-	-	-	5.3	9.0	4.6	6.0		
Net Dimension (WxHxD)	Indoor	mm	728x255x185	820x285x190	890x285x190	728x255x185	820x285x190	890x285x190	1,065x298x222	728x255x185	820x285x190	890x285x190	820x285x190	820x285x190	
	Outdoor	mm	660x470x240	660x470x240	790x548x285	660x470x240	660x470x240	790x548x285	880x648x310	660x470x240	660x470x240	790x548x285	660x475x242	720x548x265	
Net Weight	Indoor	kg	6.8	8.9	9.2	6.8	8.9	9.2	13	6.8	8.9	9.2	8	8.7	
	Outdoor	kg	21.7	24.9	38	21.7	24.9	38	51	24.5	25.9	38	25	37	
Shipping Weight	Indoor	kg	7.8	10.3	11.2	7.8	10.3	11.2	16	7.8	10.3	11.2	9.4	10.1	
	Outdoor	kg	23.7	26.9	41	23.7	26.9	41	55	26.5	27.9	41	29	41	
Loading Q'ty	W Pipe	20/40ft/jumbo	134/281/315	112/240/266	82/165/187	134/281/315	112/240/266	82/165/187	63/130/150	134/281/315	112/240/266	82/165/187	123/252/280	96/200/224	
	W/O Pipe	20/40ft/jumbo	152/314/348	123/253/285	84/165/187	152/314/348	123/253/285	84/165/187	61/130/145	152/314/348	123/253/285	84/165/187	130/270/302	103/216/246	
SVC Valve	Liquid	ODxL	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	6.35	6.35	
	Gas	ODxL	ø9.52mmX5.0m	ø12.7mmX5.0m	ø12.7mmX5.0m	ø9.52mmX5.0m	ø9.52mmX5.0m	ø12.7mmX5.0m	ø15.9mmX5.0m	ø9.52mmX5.0m	ø12.7mmX5.0m	ø12.7mmX5.0m	9.52	12.7	
Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	5	5	
	Max	m	15	15	15	15	15	15	20	15	15	15	15	15	
Piping Height	Max	m	7	7	8	7	7	8	8	7	7	8	7	7	
Refrigerant		G	-	-	-	-	-	-	-	-	-	-	-	-	
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-	-	-	
Features	MPI		-	-	-	-	-	-	-	-	-	-	-	-	
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	
	Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	
		Catechin Filter		-	-	-	-	-	-	-	-	-	-	-	
		Deodorizing Filter		-	-	-	-	-	-	-	-	-	-	-	
	Operating Mode	Comfort Care		-	-	-	-	-	-	-	-	-	-	-	
		Smart Saver		•	•	•	•	•	•	•	•	•	•	•	
		Dehumidification		•	•	•	•	•	•	•	•	•	•	•	
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	
		Timer		•	•	•	•	•	•	•	•	•	•	•	
		Auto Restart		•	•	•	•	•	•	•	•	•	•	•	
		Auto Changeover		-	-	-	-	-	-	-	-	-	-	-	
Convenience	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	-	-	-		
	Auto Wind		•	•	•	•	•	•	•	•	•	•	•		
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3		
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO		
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•		
Auto Clean (self cleaning)		-	-	-	-	-	-	-	-	-	-	-			
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	15-43	15-43	15-43	15-43	15-43	
	Heating	°C	-	-	-	-	-	-	-	-5-24	-5-24	-5-24	-5-24	-5-24	

Specifications of the real product can be different from the above.

Specifications

Max Specifications /

>> ME AFRICA / INDIA



AREA			ME AFRICA				INDIA							
MODEL			AQ18UAAND	AQ24UAAND	AQ09UASAM	AQ12UASAM	AQ18UASAM	AQ24UASAM	AS10UTAXTL	AS12UAXTL	AS18UAXTL	AS18UTAXTL	AS24UAXTL	
		V/Hz/ø	HP	HP	HP	HP	HP	HP	CO	CO	CO	CO	CO	
Performance	Power Source		220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	17,745	23,205	9,384	11,944	17,745	23,205	2,700	3,500	5,100	5,270	6,500
		Heating	Btu/hr.	4,472	5,848	2,365	3,010	4,472	5,848	-	-	-	-	-
Electrical Data	Energy Efficiency	Cooling	EER (Btu/W)	9.59	9.59	11.31	11.32	10.63	10.64	-	-	-	-	
		Heating	EER(W/W)	2.81	2.81	3.31	3.32	3.11	3.12	2.87	2.63	2.63	2.88	2.69
	Moisture Removal	l/hr.	1.8	2.4	1.0	1.5	1.8	2.4	1	1.5	2.0	2.0	2.5	
		Air Circulation (Max)	m ³ /min	13.0	17.0	7.5	9.5	13.0	17.0	7.5	10.0	13.0	14.0	15.0
Noise Level	Indoor High/Low	dB	40/32	42/33	32/24	35/26	40/32	42/33	40/34	43/38	48/40	48/40	48/42	
	Outdoor High	dB	52	54	46	49	52	54	56	56	58	58	61	
Dimension & Loading Q'ty	Power Source	V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	
	Power Consumption	Cooling	W	1,850	2,420	830	1,055	1,670	2,180	940	1,330	1,940	1,830	2,420
		Heating	W	1,920	2,320	870	1,145	1,860	2,250	-	-	-	-	-
	Operating Current	Cooling	A	8.9	11.6	4.0	5.0	8.0	10.4	4.1	5.8	8.2	8.0	10.2
Heating		A	9.2	11.1	4.2	5.5	8.9	10.8	-	-	-	-	-	
Net Dimension (WxHxD)	Indoor	mm	1,065x298x222	1,065x298x222	820x285x190	820x285x190	1,065x298x222	1,065x298x222	728x255x184	890x286x190	890x286x190	1,065x298x222	1,065x298x222	
	Outdoor	mm	790x285x548	880x638x310	720x548x265	790x285x548	880x638x310	880x890x310	720x548x265	720x548x265	790x548x285	790x548x285	880x638x310	
Net Weight	Indoor	kg	12	13	8.0	8.7	13	13	7	8	9	9	12	
	Outdoor	kg	39	56	37	39	56	70	29	33	33	33	56	
Shipping Weight	Indoor	kg	15	16	9.4	10.1	16	16	8	10	11	11	14	
	Outdoor	kg	43	58	41	43	58	76	33	33	36	36	58	
Loading Q'ty	W Pipe	20/40ft/jumbo	78/164/188	61/130/150	96/200/224	91/193/216	61/130/150	61/130/150	130/276/310	100/211/235	97/202/228	97/202/228	66/138/152	
	W/O Pipe	20/40ft/jumbo	78/164/188	66/138/152	103/216/246	101/209/233	66/138/152	66/138/152	-	-	-	-	-	
SVC Valve	Liquid	ODxL	6.35	6.35	6.35	6.35	6.35	6.35	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	12.7	15.8	9.52	12.7	12.7	15.8	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m	
Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5		
	Max	m	15	20	15	15	15	20	15	15	15	15		
Piping Height	Max	m	8	8	7	7	8	8	7	8	8	8		
Refrigerant		G	-	-	-	-	-	-	-	-	-	-		
Add Refrigerant		g/m	-	-	-	-	-	-	-	-	-	-		
Features	MPI		-	-	-	-	-	-	-	-	-	-	-	
	Good'sleep II		•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	
		Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	
	Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	
		Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	
		Catechin Filter		-	-	-	-	-	-	-	-	-	-	
		Deodorizing Filter		-	-	-	-	-	-	-	-	-	-	
	Operating Mode	Comfort Care		-	-	-	-	-	-	-	-	-	-	
		Smart Saver		•	•	•	•	•	•	•	•	•	•	
		Dehumidification		•	•	•	•	•	•	•	•	•	•	
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	
		Timer		•	•	•	•	•	•	•	•	•	•	
		Auto Restart		•	•	•	•	•	•	•	•	•	•	
		Auto Changeover		•	•	•	•	•	•	-	-	-	-	
Convenience	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	-	-		
	Auto Wind		•	•	•	•	•	•	•	•	•	•		
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	•	•	•	•		
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	•	•	•	•		
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
	Remote Controller		•	•	•	•	•	•	•	•	•	•		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	15-43	15-43	15-43	15-43	15-43	15-43	21	21	21	21	21	
	Heating	°C	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	-	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

Neo Forte Specifications /

>> EUROPE



AREA			EUROPE												
MODEL			AQV09NSAN	AQV09NSBN	AQV12NSAN	AQV12NSBN	AQV18NSAN	AQV24NSAN	AQ09NSA	AQ09NSB	AQ12NSA	AQ12NSB	AQ18NSA	AQ24NSA	
			S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	HP	HP	HP	HP	HP	HP	
			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
			R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	
Performance	Power Source	V/Hz/ø													
	Refrigerant Type														
	Capacity	Cooling	Btu/hr.	8,530	8,530	11,260	11,942	17,061	23,203	9,384	9,384	11,944	12,000	17,404	23,205
			Cal/hr.	2,150	2,150	2,837	3,009	4,299	5,847	2,365	2,365	3,010	3,010	4,386	5,848
	Heating	kW	2.5	2.5	3.3	3.5	5.0	6.8	2.75	2.75	3.5	3.5	5.1	6.8	
		Btu/hr.	11,260	11,942	13,649	13,649	20,473	27,297	9,896	9,896	12,968	12,968	19,793	23,888	
		Cal/hr.	2,837	3,009	3,439	3,439	5,159	6,879	2,494	2,494	3,268	3,268	4,988	6,020	
		kW	3.3	3.5	4.0	4.0	6.0	8.0	2.9	2.9	3.8	3.8	5.8	7	
Energy Efficiency	Cooling	EER (Btu/W)	11.6	13.9	11.0	11.3	11.6	10.3	9.6	10.9	9.6	11.0	9.6	9.6	
		EER(W/W)	3.40	4.08	3.21	3.30	3.21	3.01	2.8	3.2	2.82	3.22	2.82	2.81	
	Heating	COP(W/W)	3.63	3.80	3.61	3.61	3.41	2.81	3.2	3.44	3.22	3.62	3.22	2.81	
Moisture Removal		l/hr.	1.0	1.0	1.4	1.4	2.5	3.0	1.0	1.0	1.5	1.6	1.8	2.4	
Air Circulation (Max)		m ³ /min	7.0	7.0	8.0	8.0	13.0	15.0	7.5	8.0	8.0	9.6	13.0	17.0	
Noise Level	Indoor High/Low	dB	32 / 23	31 / 22	36 / 23	36 / 22	40 / 30	41 / 30	32 / 24	32 / 24	36 / 26	36 / 26	40 / 32	42 / 35	
	Outdoor High	dB	45	45	47	45	53	55	46	46	47	47	52	55	
Power Source	V/Hz/ø	220-240/50/1													
Power Consumption	Cooling	W	735	613	1,028	1,060	1,560	2,260	980	855	1,240	1,090	1,810	2,420	
	Heating	W	910	960	1,108	1,108	1,660	2,850	900	850	1,180	1,110	1,800	2,490	
Operating Current	Cooling	A	3.5	3.0	4.9	4.9	7.0	10.6	4.5	4.4	5.7	5.0	8.3	10.8	
	Heating	A	4.4	4.5	5.2	5.3	8.0	13.0	4.5	4.1	5.3	5.0	8.0	11.2	
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	825x285x189	825x285x189	1,065x298x218	1,065x298x218	825x285x189	825x285x189	825x285x189	825x285x189	1,065x298x218	1,065x298x218	
	Outdoor	mm	720x548x265	790x548x285	720x548x265	790x548x285	880x638x310	880x638x310	660x470x240	660x470x240	720x548x265	720x548x265	790x548x285	790x548x285	
Net Weight	Indoor	kg	9	9	9	9	13	13	8.4	8.4	8.4	8.4	13.0	13.0	
	Outdoor	kg	31.5	31.5	31.5	31.5	51	51	26	26	33.8	33.8	39.0	41.0	
Shipping Weight	Indoor	kg	11	11	11	11	16	16	10.6	10.6	10.6	10.6	16.0	16.0	
	Outdoor	kg	33	35.4	33	35.4	53	53	27.5	27.5	35.6	35.6	43.0	45.0	
Loading Q'ty	W Pipe	20/40ft/jumbo	96/205/233	91/193/216	96/205/233	91/193/216	61/128/150	61/128/150	116/240/273	116/240/273	96/205/233	96/205/233	82/170/197	82/170/197	
	W/O Pipe	20/40ft/jumbo	106/231/259	101/209/233	106/231/259	101/209/233	66/138/153	66/138/153	136/280/303	136/280/303	106/231/259	106/231/259	82/170/197	82/170/197	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø9.52mmx5m	ø9.52mmx5m	ø9.52mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø9.52mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.9mmx5m	
Piping Length	STD	m	5	5	5	5	5	5	5	5	7.5	4.85	7.5	7.5	
	Max	m	15	15	15	15	30	30	15	15	15	15	15	20	
Piping Height	Max	m	7	7	7	7	15	15	7	7	7	7	8	8	
Refrigerant	G		750	900	850	900	1,450	1,450	650	490	950	840	1,210	1,500	
Add Refrigerant	g/m		15	15	15	15	15	15	20	-	20	20	30	40	
MPI			-	-	-	-	-	-	-	-	-	-	-	-	
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•	
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-	
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	-	
	Catechin Filter		•	•	•	•	•	•	•	•	•	•	•	•	
	Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•	•	
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-	-	
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•	
	Turbo Mode		-	-	-	-	-	-	-	-	-	-	-	-	
	Timer		•	•	•	•	•	•	•	•	•	•	•	•	
	Energy Saving Mode		-	-	-	-	-	-	-	-	-	-	-	-	
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Changeover		•	•	•	•	•	•	•	•	•	•	•	•	
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
	Auto Grille		-	-	-	-	-	-	-	-	-	-	-	-	
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Clean (self cleaning)		-	-	-	-	-	-	-	-	-	-	-	-	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	TWIN	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	+10-43	+10-43	+10-43	+10-43	+10-43	+10-43	-	-	-	-	-	-	
	Heating	°C	-10-24	-10-24	-10-24	-10-24	-10-24	-10-24	-	-	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

Neo Forte Specifications /

>> EUROPE / AMERICA



AREA		EUROPE				AMERICA									
MODEL		AQ09NSANEUR	AQ12NSANEUR	AQ18NSANEUR	AQ24NSANEUR	AQV09NSDNKCV	AQV12NSDNKCV	AQV18NSDNKCV	AQV24NSDNKCV	AS09NA*	AS12NA*	AS18NE*	AS24NA*		
		HP	HP	HP	HP	S-Inverter	S-Inverter	S-Inverter	S-Inverter	CO	CO	CO	CO		
		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1		
Performance	Power Source	V/Hz/ø													
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R410a	R410a	R410a	R410a		
	Capacity	Cooling	Btu/hr.	9,300	12,000	18,000	24,000	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000
			Cal/hr.	2,344	3,024	4,536	5,847	2,268	3,024	4,536	5,847	2,268	3,024	4,536	5,847
	Heating	Btu/hr.	9,500	13,000	20,000	24,000	12,000	13,600	20,500	27,000	-	-	-	-	
		Cal/hr.	2,394	3,276	5,040	6,019	3,024	3,427	5,159	7,9	-	-	-	-	
Energy Efficiency	Cooling	EER (Btu/W)	9.30	10.00	9.47	9.23	13.6	11.2	10.4	9.0	9.18	10.00	9.47	9.60	
		EER(W/W)	2.73	2.93	2.78	2.62	3.98	3.28	3.04	2.65	2.81	2.92	2.68	2.72	
	Heating	COP(W/W)	3.09	3.23	3.09	2.64	3.63	3.46	3.18	2.76	-	-	-	-	
Moisture Removal		l/hr.	1.0	1.5	1.8	2.6	1.0	1.4	2.5	3.0	1.0	1.5	1.8	2.4	
Air Circulation (Max)		m ³ /min	7.5	8.0	13.0	17	7.0	8.0	13.0	15.0	7.5	8.0	13.0	14.5	
Noise Level	Indoor High/Low	dB	32/24	36 / 26	40 / 32	42 / 35	32 / 23	36 / 22	40 / 30	41 / 30	33/29/24	36/31/26	40/36/32	42/39/35	
	Outdoor High	dB	46	47	52	55	45	45	53	55	46	47	52	55	
Power Source		V/Hz/ø	220/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1		
Power Consumption	Cooling	W	1,000	1,200	1,900	2,600	664	1,066	1,735	2,657	980	1,200	1,900	2,500	
	Heating	W	900	1,180	1,900	2,650	965	1,153	1,890	2,859	-	-	-	-	
Operating Current	Cooling	A	4.5	5.3	9.5	12.5	3.5	5.1	8.3	12.7	4.6	5.5	9.5	12.0	
	Heating	A	4.0	5.2	9.0	12.5	4.6	5.5	9.0	13.7	-	-	-	-	
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	825x285x189	1,065x298x218	825x285x189	825x285x189	1,099x315x217	1,099x315x217	825x285x189	825x285x189	825x285x189	1,065x298x218	
	Outdoor	mm	660x470x240	660x495x240	790x548x285	790x548x285	790x548x285	790x548x285	880x638x310	880x638x310	660x470x240	660x470x240	790x548x285	790x548x285	
Net Weight	Indoor	kg	8.5	8.4	8.4	13.0	9	9	13	13	8.4	8.4	8.4	13.0	
	Outdoor	kg	25	28	39.0	41.0	31.5	31.5	51	51	26	26	39.0	41.0	
Shipping Weight	Indoor	kg	10	10.6	10.6	16.0	11	11	16	16	10.6	10.6	10.6	16.0	
	Outdoor	kg	27	30.0	43.0	45.0	35.4	35.4	53	53	27.5	27.5	43.0	45.0	
Loading Q'ty	W Pipe	20/40ft/jumbo	108/232/256	116/240/268	91/193/216	82/170/197	91/193/216	91/193/216	61/128/150	61/128/150	116/240/273	116/240/273	91/193/216	82/170/197	
	W/O Pipe	20/40ft/jumbo	117/251/272	126/262/294	101/209/233	82/170/197	101/209/233	101/209/233	66/138/153	66/138/153	136/280/303	136/280/303	101/209/233	82/170/197	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m		
	Gas	ODxL	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø9.52mmx7.5m	ø9.52mmx7.5m	ø12.7mmx7.5m	ø15.8mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m		
Piping Length	STD	m	5	5	5	5	7.5	7.5	7.5	7.5	5	5	5		
	Max	m	15	15	15	20	15	15	30	30	15	15	20		
Piping Height	Max	m	7	7	8	8	7	7	15	7	7	8	8		
Refrigerant		G	570	870	1,030	1,450	900	900	1,450	1,450	545	680	1,030	1,350	
Add Refrigerant		g/m	20	20	30	40	-	-	15	15	-	20	30	40	
MPI			-	-	-	-	-	-	-	-	-	-	-		
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•		
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•		
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•		
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-		
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-		
	Catechin Filter		•	•	•	•	•	•	•	•	•	•	•		
	Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•		
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-		
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•		
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•		
	Timer		•	•	•	•	•	•	•	•	•	•	•		
	Energy Saving Mode		-	-	-	-	-	-	-	-	-	-	-		
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•		
	Auto Changeover		•	•	•	•	•	•	•	•	•	•	•		
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•		
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3		
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO		
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
	Auto Grille		-	-	-	-	-	-	-	-	-	-	-		
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	-	-	-	-	-10~43	-10~43	-10~43	-10~43	-	-	-	-	
	Heating	°C	-	-	-	-	-15~24	-15~24	-15~24	-15~24	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

Neo Forte Specifications /

>> AMERICA / OCEANIA



AREA			AMERICA				OCEANIA								
MODEL			AS09NBA*	AS12NBA*	AS18NBE*	AS24NBA*	AQ12NBA*	AQ18NBE*	AQ24NBA*	AQV09NSB(D)	AQV12NSB(D)	AQV18NSB(D)	AQV24NSB(D)	AQV24NSG	
		V/Hz/ø	CO	CO	CO	CO	HP	HP	HP	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	
Performance	Power Source		220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/11	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
	Refrigerant Type		R410a	R410a	R410a	R410a	R22	R22	R22	R410a	R410a	R410a	R410a	R410a	
	Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000	12,000	18,000	24,000	8,530	11,942	17,061	23,203	23,203
			Cal/hr.	2,268	3,024	4,536	5,847	3,024	4,536	5,847	2,150	3,009	4,299	5,847	5,847
	Heating	kW	2.75	3.52	5.10	6.8	3.52	5.10	6.8	2.5	3.5	5.0	6.8	6.8	
		Btu/hr.	-	-	-	-	13,000	20,000	24,000	11,942	13,649	20,473	27,297	27,297	
Energy Efficiency	Cooling	EER (Btu/W)	9.38	10.00	9.00	9.23	10.00	9.47	9.23	13.9	11.3	11.0	10.3	11.0	
		EER(W/W)	2.86	2.93	2.55	2.62	2.93	2.68	2.62	4.08	3.30	3.21	3.01	3.21	
	Heating	COP(W/W)	-	-	-	-	3.07	3.26	2.64	3.80	3.61	3.41	2.81	3.42	
Moisture Removal		l/hr.	1.0	1.5	1.8	2.7	1.5	1.8	2.7	1.0	1.4	2.5	3.0	3.0	
Air Circulation (Max)		m ³ /min	7.5	8.0	13.0	17	8	13	17	7.0	8.0	13.0	15.0	19.0	
Noise Level	Indoor High/Low	dB	33/29/24	36/31/26	40/36/32	42/39/35	36/31/26	40/36/32	42/39/35	32 / 23	36 / 23	40 / 30	41 / 30	46 / 36	
	Outdoor High	dB	46	47	52	55	47	52	55	45	47	53	55	65	
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	-	-	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Power Consumption	Cooling	W	960	1,200	2,000	2,600	1,200	1,900	2,600	735	1,028	1,560	2,260	2,120	
	Heating	W	-	-	-	-	1,240	1,800	6,500	910	1,108	1,760	2,850	2,340	
Operating Current	Cooling	A	4.3	6.8	9.5	12	5.5	8.8	12	3.5	4.9	7.0	10.6	9.5	
	Heating	A	-	-	-	-	5.7	8.2	12	4.4	5.2	8.0	13	10.2	
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	825x285x189	1,065x298x214	825x285x189	1,065x298x214	1,065x298x218	825x285x189	825x285x189	1,065x298x218	1,065x298x218	1,065x298x218	
	Outdoor	mm	660x475x242	660x475x242	720x548x265	790x548x285	720x548x265	790x548x285	790x548x285	720x548x265	720x548x265	880x638x310	880x638x310	880x798x310	
Net Weight	Indoor	kg	8.4	8.4	8.4	13	8.4	13	13.0	9	9	13	13	13	
	Outdoor	kg	26	29	33.8	39	33.8	39	41.0	31.5	31.5	47	51	57	
Shipping Weight	Indoor	kg	10.6	10.4	10.6	16	10.4	16	16.0	11	11	16	16	16	
	Outdoor	kg	27.5	31	35.6	43	35.8	43	43.0	33	33	50	53	60	
Loading Q'ty	W Pipe	20/40ft/jumbo	116/240/273	96/205/233	96/205/233	61/128/150	96/205/233	61/128/150	61/128/150	96/205/233	96/205/233	61/128/150	61/128/150	61/128/150	
	W/O Pipe	20/40ft/jumbo	136/280/303	136/280/303	106/231/259	66/138/153	106/231/259	66/138/153	66/138/153	106/231/259	106/231/259	66/138/153	66/138/153	66/138/153	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	
	Gas	ODxL	ø9.52mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø15.8mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø15.8mmx5m	ø9.52mmx7.5m	ø9.52mmx7.5m	ø12.7mmx7.5m	ø15.8mmx7.5m	ø15.8mmx7.5m	
Piping Length	STD	m	5	5	5	5	5	5	5	7.5	7.5	7.5	7.5	7.5	
	Max	m	15	15	15	20	15	15	20	15	15	30	30	30	
Piping Height	Max	m	7	7	8	8	7	8	8	8	8	15	15	15	
Refrigerant		G	465	680	1,000	1,300	960	1,140	1,420	900	900	1,450	1,450	1,750	
Add Refrigerant		g/m	-	20	30	40	20	30	40	-	-	15	15	15	
MPI			-	-	-	-	-	-	-	-	-	-	-	-	
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•	
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-	
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	-	
	Catechin Filter		•	•	•	•	•	•	•	•	•	•	•	•	
	Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•	•	
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-	-	
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	•	•	•	•	•	•	
	Energy Saving Mode		-	-	-	-	-	-	-	-	-	-	-	-	
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Changeover		-	-	-	-	-	-	-	-	-	-	-	-	
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
	Auto Grille		-	-	-	-	-	-	-	-	-	-	-	-	
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	TWIN	TWIN	TWIN		
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-10~43	-10~43	-10~43	-10~43	-10~43	
	Heating	°C	-	-	-	-	-	-	-	-15~24	-15~24	-15~24	-15~24	-15~24	

Specifications of the real product can be different from the above.

Specifications

Neo Forte Specifications /

>> ME AFRICA / INDIA



AREA			ME AFRICA				INDIA						
MODEL			AS13NAHAC	AS19NCHAC	AS25NAHAC	AQ13NCHAC	AAQ18NAHAC	AQ24NAHAC	AS12NCXTL	AS18NCCXTL	AS18NCXTL	AS24NCXTL	
			CO	CO	CO	HP	HP	HP	CO	CO	CO	CO	
		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	230/50/1	230/50/1	230/50/1	230/50/1	
Performance	Power Source												
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	12,000	18,000	24,000	12,000	18,000	24,000	3,500	5,100	5,270	6,500
			Cal/hr.	3,024	4,536	5,847	3,024	4,536	5,847	-	-	-	-
	Heating	kW	3.50	5.10	6.8	3.52	5.10	6.8	-	-	-	-	
		Btu/hr.	-	-	-	13,000	20,000	24,000	-	-	-	-	
Energy Efficiency	Cooling	EER (Btu/W)	9.52	9.00	9.23	9.52	9.47	9.60	-	-	-	-	
		EER(W/W)	2.78	2.55	2.72	2.79	2.68	2.72	2.63	2.85	2.85	3.06	
	Heating	COP(W/W)	-	-	-	3.81	2.95	2.64	-	-	-	-	
Moisture Removal		l/hr.	1.5	1.8	2.6	1.5	1.8	2.6	1.5	2	2	2.5	
Air Circulation (Max)		m ³ /min	9.3	13	17	9.2	13	17	10	14	14	15	
Noise Level	Indoor High/Low	dB	36/31/26	40/36/32	42/39/35	36/31/26	40/36/32	42/39/35	43/38	48/40	48/40	48/42	
	Outdoor High	dB	47	52	55	47	52	55	56	59	58	61	
Power Source		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	230/50/1	230/50/1	230/50/1	230/50/1	
Power Consumption	Cooling	W	1,260	2,000	2,500	1,260	1,900	2,500	1,330	1,940	1,960	2,420	
	Heating	W	-	-	-	1,160	1,900	2,650	-	-	-	-	
Operating Current	Cooling	A	5.8	9.5	12	5.8	9	12	5.8	8.2	8.2	10.2	
	Heating	A	-	-	-	5.3	9	12.5	-	-	-	-	
Net Dimension (WxHxD)	Indoor	mm	825x285x189	1,065x298x218	1,065x298x218	825x285x189	1,065x298x218	1,065x298x218	825x285x192.5	825x285x192.5	1,065x298x222.5	1,065x298x222.5	
	Outdoor	mm	660x470x240	720x548x265	790x548x285	660x475x242	790x548x285	790x548x285	720x548x265	790x548x285	790x548x285	880x648x310	
Net Weight	Indoor	kg	8.4	13.0	13.0	8.4	13.0	13.0	8.5	8.5	12	12	
	Outdoor	kg	26	33.8	41.0	26	39.0	41.0	34	39	39	49	
Shipping Weight	Indoor	kg	10.6	16.0	16.0	10.6	16.0	16.0	10	10	14	14	
	Outdoor	kg	27.5	35.6	45.0	27.5	43.0	45.0	36	42	42	53	
Loading Q'ty	W Pipe	20/40ft/jumbo	116/240/273	86/176/293	82/170/197	116/240/273	82/170/197	82/170/197	93/198/228	74/154/177	74/154/177	55/120/137	
	W/O Pipe	20/40ft/jumbo	136/280/303	86/178/205	82/170/197	136/280/303	82/170/197	82/170/197	-	-	-	-	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	
Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	
	Max	m	15	15	20	15	15	20	15	15	15	20	
Piping Height	Max	m	7	8	8	7	8	8	7	8	8	8	
Refrigerant		G	680	900	1,450	760	-	1,450	630	980	1,000	1,350	
Add Refrigerant		g/m	20	30	40	20	30	40	10	15	15	15	
MPI			-	-	-	-	-	-	-	-	-	-	
Good'sleep II			•	•	•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	
	Catechin Filter		•	•	•	•	•	•	•	•	•	•	
	Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	
	Dehumidification		•	•	•	•	•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	•	•	•	•	
	Energy Saving Mode		-	-	-	-	-	-	-	-	-	-	
	Auto Restart		•	•	•	•	•	•	•	•	•	•	
	Auto Changeover		-	-	-	-	-	-	-	-	-	-	
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
	Auto Grille		-	-	-	-	-	-	-	-	-	-	
	Remote Controller		•	•	•	•	•	•	•	•	•	•	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-	-	-	
	Heating	°C	-	-	-	-	-	-	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

Forte Specifications /

>> AMERICA



AREA			AMERICA												
MODEL			AS09SA	AS12FC	AS18FE	AS24FC	AQ09SA	AQ12FC	AQ18FE	AQ24FC	AS09SA	AS12FC	AS18FE	AS24FC	
			CO	CO	CO	CO	HP	HP	HP	HP	HP	HP	CO	CO	
Performance	Power Source	V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	
	Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000
			Cal/hr.	2,268	3,024	4,536	6,048	2,268	3,024	4,536	6,048	2,268	3,024	4,536	6,048
		Heating	Btu/hr.	-	-	-	-	10,000	13,000	20,000	24,000	-	-	-	-
			Cal/hr.	-	-	-	-	2,520	3,276	5,040	6,019	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.28	10.00	-	9.23	9.38	10.00	9.47	9.23	9.68	10.00	9.47	9.23	
		EER(W/W)	2.58	2.92	2.55	2.62	2.60	2.93	2.68	2.62	2.69	2.63	2.68	2.62	
	Heating	COP(W/W)	-	-	-	-	3.22	3.23	2.95	2.64	-	-	3.26	-	
Moisture Removal		l/hr.	1	1.5	1.8	2.69	1	1.5	1.8	2.69	1.0	1.5	1.8	2.69	
Air Circulation (Max)		m ³ /min	7	8.0	13.0	17	7.5	8.0	13.0	17	7.0	9.4	13.0	17	
Noise Level	Indoor High/Low	dB	32/29/24	36/31/26	40/36/32	42/39/35	32/29/24	36/31/26	40/36/32	42/39/35	32/29/24	36/31/26	40/36/32	42/39/35	
	Outdoor High	dB	46	47	52	55	46	47	52	55	46	47	52	55	
Power Source		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	
Power Consumption	Cooling	W	970	1,200	2,000	2,600	960	1,200	1,900	2,600	930	1,340	1,900/2,250	2,600	
	Heating	W	-	-	-	-	910	1,180	1,900	6,500	-	-	-	-	
Operating Current	Cooling	A	4.3	5.5	9.5	12	4.3	5.3	9.0	12	4.2	6.2	8.8/10.1	12	
	Heating	A	-	-	-	-	4	5.2	9.0	12	-	-	-	12	
Net Dimension (WxHxD)	Indoor	mm	728x255x185	825x285x189	825x285x189	1,065x298x218	728x255x185	825x285x189	825x285x189	1,065x298x218	728x255x185	825x285x189	825x285x189	1,065x298x218	
	Outdoor	mm	660x470x240	660x470x240	790x548x285	790x548x285	660x470x240	660x495x240	790x548x285	790x548x285	660x470x240	660x470x240	790x548x285	790x548x285	
Net Weight	Indoor	kg	6.8	8.4	8.4	13.0	6.8	8.4	8.4	13.0	6.8	8.4	8.4	13.0	
	Outdoor	kg	26.0	26	39.0	41.0	26.0	28	39.0	41.0	26.0	26	39.0	41.0	
Shipping Weight	Indoor	kg	8.6	10.6	10.6	16.0	8.6	10.6	10.6	16.0	8.6	10.6	10.6	16.0	
	Outdoor	kg	27.5	27.5	43.0	45.0	27.5	30	43.0	45.0	27.5	27.5	43.0	45.0	
Loading Q'ty	W Pipe	20/40ft/jumbo	128/276/304	116/240/273	91/193/216	82/170/197	128/276/304	116/240/268	91/193/216	82/170/197	128/276/304	116/240/273	91/193/216	82/170/197	
	W/O Pipe	20/40ft/jumbo	142/299/336	136/280/303	101/209/233	82/170/197	142/299/336	126/262/294	101/209/233	82/170/197	142/299/336	136/280/303	101/209/233	82/170/197	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	
Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	5	5	
	Max	m	15	15	15	20	15	15	15	20	15	15	15	20	
Piping Height	Max	m	7	7	8	8	7	7	8	8	7	7	8	8	
Refrigerant		G	470	680	880	1,350	470	870	1,050	1,450	430	670	1,000	1,300	
Add Refrigerant		g/m	-	20	50	40	-	20	50	40	-	20	30	40	
MPI			-	-	-	-	-	-	-	-	-	-	-	-	
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•	•	
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•	•	
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-	-	
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-	-	
	Catechin Filter		-	-	-	-	-	-	-	-	-	-	-	-	
	Deodorizing Filter		-	-	-	-	-	-	-	-	-	-	-	-	
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-	-	
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	•	•	•	•	•	•	
	Energy Saving Mode		-	-	-	-	-	-	-	-	-	-	-	-	
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Changeover		-	-	-	-	-	-	-	-	-	-	-	-	
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•	•	
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
	Auto Grille		-	-	-	-	-	-	-	-	-	-	-	-	
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-	-	-	-	-	
	Heating	°C	-	-	-	-	-	-	-	-	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

Forte Specifications /

>> AMERICA / ME AFRICA



AREA			AMERICA				ME AFRICA								
MODEL			AQ12FC	AQ18FE	AQ24FC	AS09FC	AS09SA	AS12FC	AS18FC	AS18FG	AS18FE	AS24FC	AQ09FC	AQ09SA	
		V/Hz/ø	HP	HP	HP	CO	CO	CO	CO	CO	CO	CO	HP	HP	
Performance	Power Source		220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	
	Refrigerant Type		R22	R22	R410a	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	12,000	18,000	24,000	9,000	9,000	12,000	18,000	18,000	18,000	24,000	9,000	9,000
			Cal/hr.	3,024	4,536	5,847	2,268	2,268	3,024	4,536	4,536	4,536	5,847	2,268	2,268
		Heating	Btu/hr.	13,000	20,000	24,000	-	-	-	-	-	-	-	10,000	10,000
			Cal/hr.	3,276	5,040	6,019	-	-	-	-	-	-	-	2,520	2,520
Energy Efficiency	Cooling	EER (Btu/W)	8.45	9.47	9.23	9.18	9.28	9.52	9.47	9.00	9.47	9.23	9.18	9.38	
		EER(W/W)	2.48	2.68	2.62	2.81	2.58	2.78	2.68	2.55	2.68	2.62	2.76	2.60	
	Heating	COP(W/W)	3.10	3.26	2.64	-	-	-	-	-	-	-	3.26	3.22	
Moisture Removal		l/hr.	1.5	1.8	2.7	1.0	1	1.5	1.8	1.8	1.8	2.6	1	1	
Air Circulation (Max)		m ³ /min	9.55	13.0	17	7.5	7	9.3	13	13	13	17	7.5	7.5	
Noise Level	Indoor High/Low	dB	36/31/26	40/36/32	42/39/35	32/29/24	32/29/24	36/31/26	40/36/32	40/36/32	40/36/32	42/39/35	32/29/24	32/29/24	
	Outdoor High	dB	47	52	55	46	46	47	52	52	52	55	46	46	
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Power Consumption	Cooling	W	1,420	1,900/2,250	2,600	980	970	1,260	1,900	2,000	1,900	2,600	980	960	
	Heating	W	1,230	1800	6,500	-	-	-	-	-	-	-	900	910	
Operating Current	Cooling	A	6.6	8.8/10.1	12	4.6	4.3	5.8	9.5	9.5	9.5	12.5	4.6	4.3	
	Heating	A	5.7	-	12	-	-	-	-	-	-	-	4.1	4	
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	1,065x298x218	825x285x189	728x255x185	825x285x189	1,065x298x218	1,065x298x218	825x285x189	1,065x298x218	825x285x189	728x255x185	
	Outdoor	mm	660x495x240	790x548x285	790x548x285	660x470x240	660x470x240	660x470x240	779x548x285	720x548x265	790x548x285	790x548x285	660x470x240	660x470x240	
Net Weight	Indoor	kg	8.4	8.4	13.0	8.4	6.8	8.4	13.0	13.0	8.4	13.0	8.4	6.8	
	Outdoor	kg	28	39.0	41.0	26.0	26.0	26	39.0	33.8	39.0	41.0	26.0	26.0	
Shipping Weight	Indoor	kg	10.6	10.6	16.0	10.6	8.6	10.6	16.0	16.0	10.6	16.0	10.6	8.6	
	Outdoor	kg	30	43.0	45.0	27.5	27.5	27.5	43.0	35.6	43.0	45.0	27.5	27.5	
Loading Q'ty	W Pipe	20/40ft/jumbo	116/240/268	91/193/216	82/170/197	116/240/273	128/276/304	116/240/273	82/170/197	86/176/293	91/193/216	82/170/197	116/240/273	128/276/304	
	W/O Pipe	20/40ft/jumbo	126/262/294	101/209/233	82/170/197	136/280/303	142/299/336	136/280/303	82/170/197	86/178/205	101/209/233	82/170/197	136/280/303	142/299/336	
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø12.7mmx5m	ø15.8mmx5m	ø15.8mmx5m	ø9.52mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø9.52mmx5m	ø9.52mmx5m	
Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	5	5	
	Max	m	15	15	20	15	15	15	15	15	15	20	15	15	
Piping Height	Max	m	7	8	8	7	7	7	8	8	8	7	7		
Refrigerant		G	770	-	1,420	545	470	680	1,030	900	1,030	1,450	545	470	
Add Refrigerant		g/m	20	-	40	-	-	20	30	30	40	-	-		
MPI			-	-	-	-	-	-	-	-	-	-	-		
Good'sleep II			•	•	•	•	•	•	•	•	•	•	•		
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•	•	•	•	•	•	•		
	Silver Coated Evaporator		•	•	•	•	•	•	•	•	•	•	•		
Pure & Clean Air	DNA Filter		-	-	-	-	-	-	-	-	-	-	-		
	Pure Filter (HAF Filter)		-	-	-	-	-	-	-	-	-	-	-		
	Catechin Filter		•	-	-	•	-	-	-	-	-	-	-		
	Deodorizing Filter		•	-	-	•	-	-	-	-	-	-	-		
Operating Mode	Digital i Plus		-	-	-	-	-	-	-	-	-	-	-		
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•		
	Turbo Mode		•	•	•	•	•	•	•	•	•	•	•		
	Timer		•	•	•	•	•	•	•	•	•	•	•		
	Energy Saving Mode		-	-	-	-	-	-	-	-	-	-	-		
	Auto Restart		•	-	•	•	•	•	•	•	•	•	•		
	Auto Changeover		•	-	-	-	-	-	-	-	-	-	-		
Convenience	Auto Wind		•	•	•	•	•	•	•	•	•	•	•		
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3		
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO		
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
	Auto Grille		-	-	-	-	-	-	-	-	-	-	-		
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•		
	Auto Clean (self cleaning)		-	-	-	-	-	-	-	-	-	-	-		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-	-	-	-	-	
	Heating	°C	-	-	-	-	-	-	-	-	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

Forte Specifications /

>> ME AFRICA



AREA			ME AFRICA												
MODEL			AQ12FC	AQ12FG	AQ18FC	AQ18FE	AQ24FC	AS12FC	AS18FC	AS24FC	AQ12FC	AQ12FG	AQ18FC	AQ24FC	
		V/Hz/ø	HP	HP	HP	HP	HP	CO	CO	CO	HP	HP	HP	HP	
Performance	Power Source		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	
	Refrigerant Type		R22	R22	R410a	R22	R22	R22	R22	R22	R22	R22	R22	R22	
	Capacity	Cooling	Btu/hr.	12,000	12,000	18,000	18,000	24,000	12,000	18,000	24,000	12,000	12,000	18,000	24,000
			Cal/hr.	3,024	3,024	4,536	4,536	5,847	3,024	4,536	5,847	3,024	3,024	4,536	5,847
	Heating	Btu/hr.	13,000	13,000	20,000	20,000	24,000	-	-	-	13,000	13,000	20,000	24,000	
		Cal/hr.	3,276	3,276	5,040	5,040	6,019	-	-	-	3,276	3,276	5,040	6,019	
Energy Efficiency	Cooling	EER (Btu/W)	9.52	9.23	9.47	9.47	9.23	10.00	9.47	9.23	9.52	9.23	9.47	9.23	
		EER(W/W)	2.79	2.71	2.68	2.68	2.62	2.93	2.68	2.62	2.79	2.71	2.68	2.62	
	Heating	COP(W/W)	3.28	3.28	3.09	3.09	2.64	-	3.26	-	3.28	3.28	3.26	2.64	
Moisture Removal		l/hr.	1.5	1.5	1.8	1.8	2.6	1.5	1.8	2.69	1.5	1.5	1.8	2.69	
	Air Circulation (Max)	m ³ /min	9.2	9.2	13	13	17	8.0	13.0	17	9.2	9.2	13.0	17	
Noise Level	Indoor High/Low	dB	36/31/26	36/31/26	40/36/32	40/36/32	42/39/35	36/31/26	40/36/32	42/39/35	36/31/26	36/31/26	40/36/32	42/39/35	
	Outdoor High	dB	47	47	52	52	55	47	52	55	47	47	52	55	
Electrical Data	Power Source	V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220/60/1	220/60/1	
	Power Consumption	W	1,260	1,300	1,900	1,900	2,600	1,200	1,900/2,250	2,600	1,260	1,300	1,900/2,250	2,600	
	Operating Current	Cooling	A	5.8	5.8	9.5	9.5	12.5	6.8	8.8/10.1	12	5.8	5.8	8.8/10.1	
		Heating	A	5.3	5.3	9	9	12.5	-	-	5.3	5.3	8.2	12	
Dimension & Loading Q'ty	Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	1,065x298x218	825x285x189	1,065x298x218	825x285x189	1,065x298x218	825x285x189	825x285x189	1,065x298x218	1,065x298x218	
		Outdoor	mm	660x495x240	660x470x240	790x548x285	790x548x285	790x548x285	660x470x240	790x548x285	790x548x285	660x495x240	660x470x240	790x548x285	790x548x285
	Net Weight	Indoor	kg	8.4	8.4	13.0	8.4	13.0	8.4	13.0	8.4	8.4	13.0	13.0	
		Outdoor	kg	28	26.0	39.0	39.0	41.0	26	39.0	41.0	28	26.0	39.0	41.0
	Shipping Weight	Indoor	kg	10.6	10.6	16.0	10.6	16.0	10.6	16.0	10.6	10.6	16.0	16.0	
		Outdoor	kg	30	27.5	43.0	43.0	45.0	27.5	43.0	45.0	30	27.5	43.0	45.0
Technical information	Loading Q'ty	W Pipe	20/40ft/jumbo	116/240/268	116/240/273	82/170/197	91/193/216	82/170/197	116/240/273	82/170/197	116/240/268	116/240/273	82/170/197	82/170/197	
		W/O Pipe	20/40ft/jumbo	126/262/294	136/280/303	82/170/197	101/209/233	82/170/197	136/280/303	82/170/197	126/262/294	136/280/303	82/170/197	82/170/197	
	SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
		Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	
	Piping Length	STD	m	5	5	5	5	5	5	5	5	5	5	5	
		Max	m	15	15	15	15	20	15	20	15	15	15	20	
	Piping Height	Max	m	7	7	8	8	8	7	8	7	7	8	8	
			G	760	720	-	-	1,450	680	950	1,420	760	720	1,100	1,420
Features	Add Refrigerant		g/m	20	20	30	30	40	20	-	20	20	-	40	
		MPI		-	-	-	-	-	-	-	-	-	-	-	
	Good'sleep II			•	•	•	•	•	•	•	•	•	•	•	
		Silver Coated Health System	Silver Coated Filter	•	•	•	•	•	•	•	•	•	•	•	•
	Silver Coated Evaporator			•	•	•	•	•	•	•	•	•	•	•	
		Pure & Clean Air	DNA Filter	-	-	-	-	-	-	-	-	-	-	-	
	Pure Filter (HAF Filter)			-	-	-	-	-	-	-	-	-	-		
		Catechin Filter		•	•	•	•	•	•	•	•	•	•	•	
	Deodorizing Filter			•	•	•	•	•	•	•	•	•	•	•	
		Operating Mode	Digital i Plus	-	-	-	-	-	-	-	-	-	-	-	
	Dehumidification			•	•	•	•	•	•	•	•	•	•	•	
		Turbo Mode		•	•	•	•	•	•	•	•	•	•	•	
	Timer			•	•	•	•	•	•	•	•	•	•	•	
		Energy Saving Mode		-	-	-	-	-	-	-	-	-	-	-	
	Auto Restart			•	•	•	•	•	•	•	•	•	•	•	
		Auto Changeover		•	-	•	•	•	-	-	•	•	•	•	
Convenience	Auto Wind			•	•	•	•	•	•	•	•	•	•	•	
		Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	
	Air Direction Control (Up/Down)			AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
		Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
	Auto Grille			-	-	-	-	-	-	-	-	-	-		
		Remote Controller		•	•	•	•	•	•	•	•	•	•	•	
	Auto Clean (self cleaning)			-	-	-	-	-	-	-	-	-	-		
		ETC.	Compressor Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-	-	-	-	-	
		Heating	°C	-	-	-	-	-	-	-	-	-	-	-	

Specifications of the real product can be different from the above.

Specifications

WorldWide Specifications /

>> AMERICA / OCEANIA / CIS / ME



AREA	MODEL	AMERICA				OCEANIA		CIS		ME							
		AQV36JANNKCV	AS36WBNXAP	AQV30JA(D)	AQ30WCNSER	AQV30JA(D)	AQ30WCNSER	AS30WC	AQ30WC	AS32WC	AQ32WC	AS36WB	AQ36WB	AQ30WC	AS30WB	AS36WB	
Performance	Power Source	S-Inverter		S-Inverter		HP		CO		HP		CO		HP		CO	
	Refrigerant Type	R410a		R410a		R22		R22		R22		R22		R22		R22	
	Capacity	Cooling	Btu/hr.	33,000	33,000	27,297	30,000	30,000	30,000	30,000	36,000	36,000	300,00	27,500	33,000		
			Cal/hr.	8,316	8,316	6,879	7,560	7,560	9,072	9,072	7,560	6,930	8,316				
		Heating	Btu/hr.	34,000	-	30,709	30,000	-	32,000	-	36,000	30,000	-	-			
			Cal/hr.	8,568	-	7,739	7,560	-	8,064	-	9,072	7,560	-	-			
	Energy Efficiency	Cooling	EER (Btu/W)	11.0	8.7	10.51	9.4	8.7	9.4	8.7	8.7	8.7	9.4	9.50	9.50		
			EER(W/W)	3.21	2.55	3.08	3.03	3.03	2.78	2.78	3.03	2.78	3.03	2.78			
	Moisture Removal	Air Circulation (Max)	l/hr.	4.9	3.6	4.5	3.0	3.6	3.0	3.6	3.6	3.6	3.0	3.0	3.6		
			m ³ /min	25.0	23	23.0	20	23	23	23	23	23	20	20	23		
Noise Level	Indoor High/Low	49/39		47/40		47/37		45/38		47/40		45/38		47/40			
	Outdoor High	61		58		57		56		58		56		58			
Electrical Data	Power Source	208-230/60		220-240/50/1		200-240/50/1		200-240/50/1		200-240/50/1		200-240/50/1		220/60/1		220/60/1	
	Power Consumption	Cooling	3,000	3,800	2,600	2,900	2,900	2,900	2,900	3,800	2,900	2,895	3,474				
		Heating	3,200	-	2,720	3,000	-	3,500	3,000	-	-	-					
	Operating Current	Cooling	13.0	18	11.5	13	13	18	13	18	13	15	18				
		Heating	14.5	-	12.0	13.5	-	16	13.5	-	-	-					
	Net Dimension (WxHxD)	Indoor	1,279x345x229		1,279x345x229		1,279x345x229		1,279x345x229		1,279x345x229		1,279x345x229		1,279x345x229		
		Outdoor	930x1135x375		880x950x320		880x798x310		880x798x310		880x950x320		880x950x320		880x950x320		
	Net Weight	Indoor	20		20		20		20		20		20		20		
		Outdoor	68		80		58		63		70		63		80		
	Shipping Weight	Indoor	23		24		23		24		24		24		24		
Outdoor		74		85		61		77		76		77		85			
Loading Q'ty	W Pipe	20/43/72		38/84/96		43/106/115		48/102/115		38/84/96		38/84/96		38/84/96			
	W/O Pipe	24/48/76		38/86/98		49/110/120		49/110/120		38/86/98		38/86/98		38/86/98			
SVC Valve	Liquid	ø6.35mmx7.5m		ø9.52mmx5m		ø6.35mmx7.5m		ø9.52mmx5m		ø9.52mmx5.0m		ø9.52mmx5.0m		ø9.52mmx5.0m			
	Gas	ø15.8mmx7.5m		ø19.05mmx5m		ø15.8mmx7.5m		ø15.88mmx5.0m		ø19.05mmx5.0m		ø19.05mmx5.0m		ø19.05mmx5.0m			
Piping Length	STD	7.5		5		7.5		5		5		5		5			
	Max	50		30		30		20		30		20		30			
Piping Height	STD	30		15		15		8		15		8		15			
	Max	30		15		15		8		15		8		15			
Refrigerant	G	2,500		2,850		2,300		-		-		-		-			
Add Refrigerant	g/m	40		30		15		-		-		-		-			
Features	MPI	-		-		-		-		-		-		-			
	Good'sleep II	•		-		-		-		-		-		-			
	Silver Coated Health System	Silver Coated Filter	•		•		•		•		•		•		•		
		Silver Coated Evaporator	•		•		•		•		•		•		•		
	Pure & Clean Air	DNA Filter	-		-		-		-		-		-		-		
		Pure Filter (HAF Filter)	-		-		-		-		-		-		-		
		Catechin Filter	•		•		•		•		•		•		•		
		Deodorizing Filter	•		•		•		•		•		•		•		
	Operating Mode	Digital i Plus	-		-		-		-		-		-		-		
		Dehumidification	•		•		•		•		•		•		•		
Turbo Mode		•		•		•		•		•		•		•			
Timer		•		•		•		•		•		•		•			
Energy Saving Mode		•		•		•		•		•		•		•			
Auto Restart		•		•		•		•		•		•		•			
Auto Changeover		•		-		-		-		-		-		-			
Convenience	Auto Wind	•		•		•		•		•		•		•			
	Air Flow Control Steps (Cool/Fan)	4/3		4/3		4/3		4/3		4/3		4/3		4/3			
	Air Direction Control (Up/Down)	AUTO		AUTO		AUTO		AUTO		AUTO		AUTO		AUTO			
	Air Direction Control (Left/Right)	MANUAL		MANUAL		MANUAL		MANUAL		MANUAL		MANUAL		MANUAL			
	Auto Grille	-		-		-		-		-		-		-			
	Remote Controller	•		WW		-		•		•		•		•			
	Auto Clean (self cleaning)	•		-		-		-		-		-		-			
ETC.	Compressor Type	TWIN		RECIPRO		TWIN		RECIPRO		ROTARY		RECIPRO		RECIPRO			
Low Ambient	Cooling	°C		-10~43		19~54		-10~43		-		-		-			
	Heating	°C		-15~24		-		-15~24		-		-		-			

Specifications of the real product can be different from the above.

