

TOTAL
09
AIR CONDITIONER

When comfort is a short breeze away,
imagination lives



2009 Samsung Air-Conditioner | When comfort is a short breeze away, imagination lives



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Your environment is key to maintaining peace in your life. The Samsung air conditioner creates a comfortable environment with an invigorating breeze that keeps you energized. Enjoy refreshing comfort all year-round for you and your family.





Samsung Values You and Others.

At Samsung, We believe that the success of our contributions to society and to the mutual prosperity of people across national boundaries truly depends on how we manage our company in creating a future with our customers.

Contributing to the community, for a promising future.

We believe that corporations have a moral responsibility in adding to the betterment of society, not in just improving profit margins. Therefore, Samsung is actively involved in volunteer activities, environmental work, and other supporting philanthropic activities in communities around the world.

Working towards social welfare, to enhance the quality of life.

Samsung Welfare Foundation and Samsung affiliates endeavor to enhance the quality of life for all its neighbors, particularly children, young adults and low-income families, by funding community programs that address economic, social and cultural needs. These programs are aimed at promoting self-sufficiency, rather than simply donating cash.

Providing greener living, for cleaner air and water.

Environmental preservation programs exist at every Samsung establishment around the world. Samsung is actively involved in developing environmentally friendly products and related technologies, and is a strong supporter of "green" designs.

Samsung Appliances History

- 1972 : Entered Refrigerator Market
- 1974 : Entered AC & Washing Machine Market
- 1978 : Entered Vacuum Cleaner Market
- 1979 : Entered Microwave Oven Market
- 1997 : Developed World 1ST Twin Cooling System™ For SBS
- 1998 : Developed World 1st SBS with Interior Design Options
- 2000 : Developed World 1St Digital Washing Machine
- 2003 : Developed World 1St WM with Silver Nano Tech
- 2005 : World's 1st 4dr Convertible Refrigerator
- 2008 : Introduced the World's Largest FDR in the Market

Global Business Network

- 6 Global Operation Centers
- 7 Design Centers
- 10 Global Headquarters
- 4 HA R&D Centers



Thinking of You.

"A global leader is not only responsible for that which lies within its walls but also for that which lies beyond them."

Making industry-leading products is only part of the big picture. Our commitment to creating a better world for future generations is equally as important. We strongly believe that if future generations aren't given the opportunity to succeed, we definitely won't. As a corporate citizen, we have dedicated ourselves to nurturing our local communities through corporate social responsibility and co-prosperity initiatives. Samsung has also remained steadfast when it comes to supporting education initiatives, helping to preserve the "greening" of the planet where you live.

BETTER	7	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.
	5.3	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.
	4.7	Dell / Dropping down with poor scores on climate policy.
	4.7	HP / Slightly improved score but no products free of most toxic chemicals.
	4.5	Acer / Good on chemicals policy but poor on energy policy.
BAD	4.5	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.
	4.1	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]

Reported by Greenpeace

Samsung comes in second place with 5.7, scoring well on chemicals and waste criteria. Samsung's score on e-waste is helped by getting top marks for reporting recycling rates of 137% for TVs (based on past sales 10 years ago, the average life span, since when Samsung's TV sales have increased 10-fold), 12% for PCs (based on 7 year lifespan) and 9% for mobile phones (based on 2 year lifespan). It also scores well on its use of recycled plastic, which is 16.1%, though only 0.2% is post-consumer plastic, with a goal to increase to 25% by 2008.

Eco-labels & Declaration

Samsung Electronics makes an effort to develop environment-friendly products that minimize the negative impacts on the environment in every aspect of its products, from raw material procurement, production, transportation, usage, and final disposal. Concerns for the environment are at the core of each product development.

Samsung's environment-friendly technologies and recycling programs have received global approval, receiving well-known awards and recognitions worldwide.



Four Seasons of Hope

Samsung's Four Seasons of Hope is about kids. It's about using the power of our brand to give something back to the communities we serve.

Samsung's Four Seasons of Hope supports community-based foundations and charities headed by some of this country's favorite sports legends. Samsung pledges to raise national awareness and funds for these outstanding charities and to identify how others can also make a difference in the lives of these children and families.



Samsung Recycling DirectSM

All good things come to an end. Let's make sure it's a Green end.

As technology continually evolves, so will your digital lifestyle. When you upgrade your consumer electronics, you will need to recycle your old products responsibly. That's why we're proud to reaffirm our commitment and responsibility to recycle DirectSM using the new Samsung Recycling program launched on October 1st, 2008.



'Eco-friendly' Samsung

Preserves the nature you live in.

Thinking of you and the environment, Samsung plans for the future. Realizing your hopes for a greener, healthier life for you and the generations that follow, Samsung's environmentally friendly technologies work to make the world a more beautiful place.



Air & Water Conservation

As a leading innovator of environment-friendly products and technologies, Samsung products already drastically reduce the strains on nature's valuable resources. Samsung uses R-600, a natural refrigerant, and cyclopentane insulation in its refrigerators, which do not promote global warming and does not add to the greenhouse effect. Samsung's water-efficient washing machines also use less detergent and water without effecting cleanliness, helping to conserve water.



Use Less, Save More

Samsung products are energy efficient, receiving Energy Grade A+ in the EU and ENERGY STAR in the U.S. Samsung washers with its ceramic heaters use less power, which saves you energy, money, and time. This energy-efficient technology protects you and nature, giving you a greener lifestyle.



Global Recycling

Samsung Electronics is making significant efforts to save the environment and complies with the WEEE (Waste Electrical and Electronic Equipment) directive by joining or establishing the recycling schemes for each country.

Samsung Eco-Friendly Air Conditioner

Making continuous efforts to stay eco-friendly, Samsung's air conditioners use R-410a, an environmentally friendly refrigerant to help rid the air of pollutants and restrain the use of materials with high global warming potential (GWP). Most Samsung products have received Energy Grade A+ in the EU and ENERGY STAR in the U.S. These energy-efficient air conditioners not only save you money, but help conserve the environment.





iF Product Design Award 2009

As one of the world's oldest & prestigious design competitions, the iF product design award can look back on a rich and long tradition. This seal of fine design quality, has stood for qualitatively outstanding design awards for over 50 years. And Samsung's air conditioner with its design innovations has won the iF product design award for the year 2009.

Samsung air conditioner continues to receive worldwide recognition and awards, proving high quality of the function and beauty to value and satisfy customers' requirements.



Comfort & Design Award 2008

Organized by Fiera Milano International, the Comfort & Design Award plays the role of intermediary between the Jury and companies participating in the 36th Mostra Convegno Expocomfort / Expobagno. The MCE / EXPOBAGNO 2008 aimed to reward the best product that shows a high level of environmental quality, providing a complete overview of the sector along the lines of "Comfort & Living Technology". And Samsung air conditioner won the prize conferring a valid and professional recognition on the best products in the ceremony.

RECEIVED CERTIFICATIONS AND AWARDS



Samsung Air Conditioner Line up



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MPI (Micro Plasma Ion)



MPI improves your Indoor Air Quality (IAQ) by eliminating the biological contaminants that threaten your health such as viruses, bacteria, and allergy causing agents. Samsung Micro Plasma Ion system, an advanced air purifying technology, offers you fresh, clean air you can enjoy.

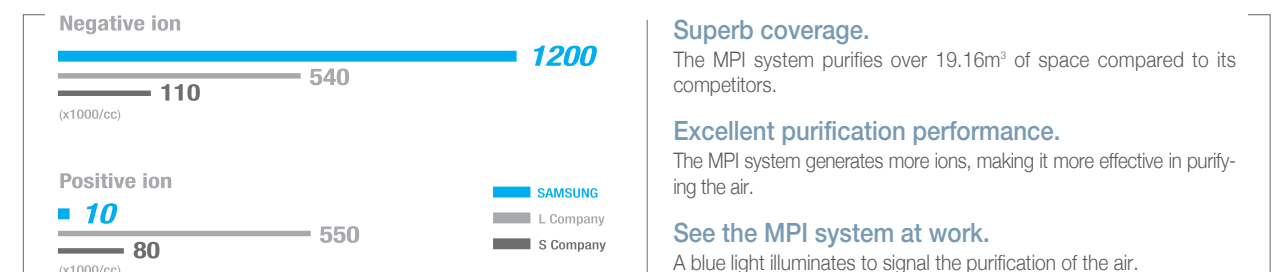


Samsung's Micro Plasma Ion device generates active hydrogen atoms together with oxygen ions in your room. This is an innovative invention to bond the generated active hydrogen atoms and oxygen ions with protein (3H) in a surface of harmful particles such as viruses, bacteria, molds and allergens. As a result, the harmful particles decompose into water (2H2O). An innovative first in the world, the Micro Plasma Ion technology lets you breathe clean fresh air just by changing your air conditioner.

How Does Micro Plasma Ion System Technology Work?



How Does Samsung MPI Technology Compare with Other Ion Systems?



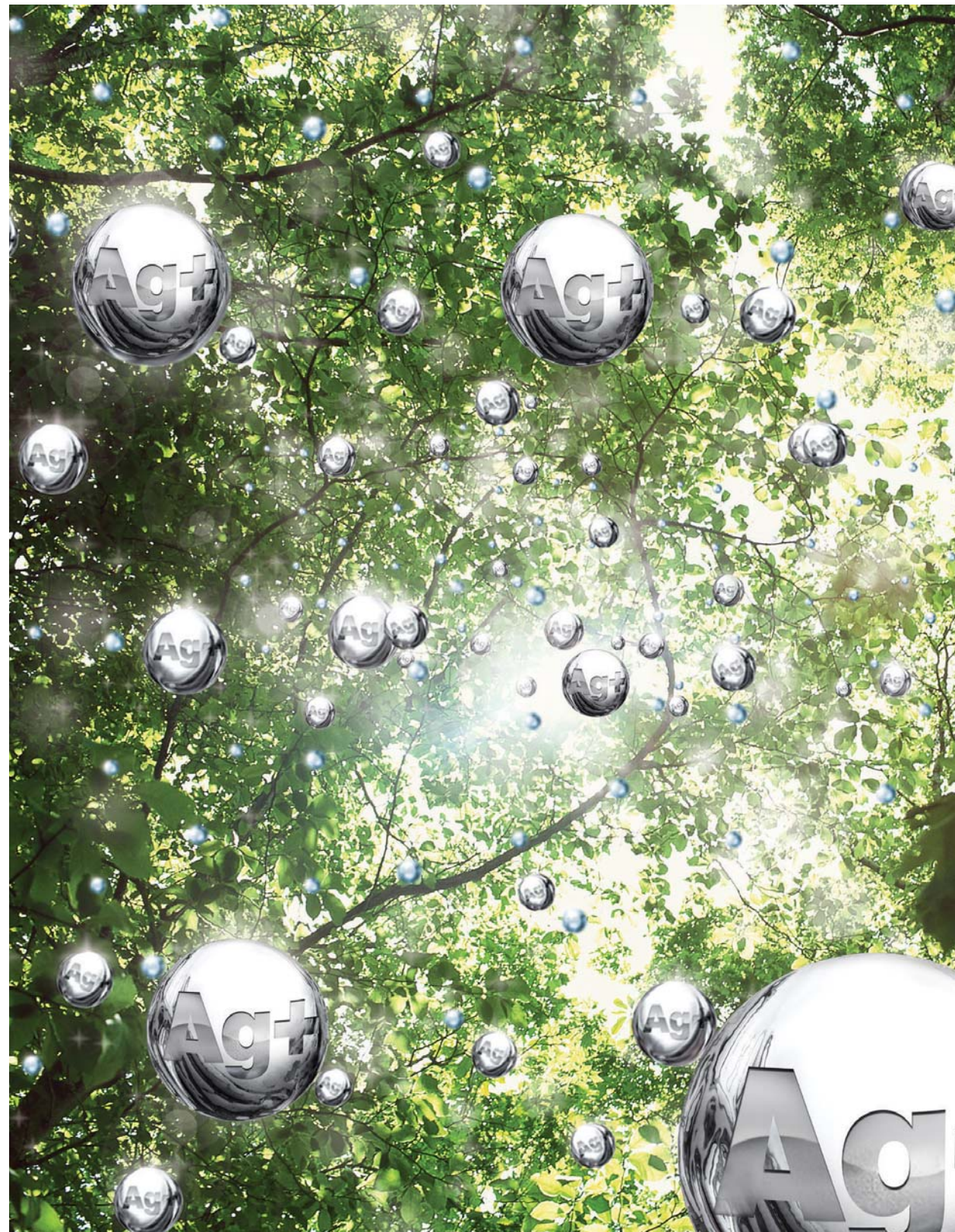
MPI System with Outstanding Results.

- | | |
|---|---|
| <p>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.</p> <p>Safe from allergy-causing agents
No need to worry about allergy-causing agents. Make your home an allergy-free haven.</p> | <p>Protection against disease
By eliminating biological contaminants, your family is protected from toxins that cause sickness, which means less headaches and runny noses.</p> <p>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.</p> |
|---|---|

Health Care System



Samsung's greatest asset is that it cares; it cares about your comfort and it cares about your health. Samsung air conditioner not only emits cool air, but its multi-layered purifying filter transforms polluted indoor air into clean, energizing air. It also prevents the growth of bacteria caused by humidity so your air conditioner is always clean and ready to use.



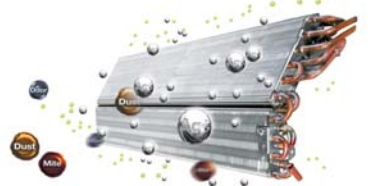
Air Purifying System

The Samsung Multi-Step Air Purifying System removes almost all harmful elements to human beings by using various filters. At the same time, the system also keeps the interior of the air conditioner ultra-clean, so only ultra-fresh air is produced.

<p>Step 01</p> 	<p>Step 01 / Silver coated filter The silver-nano coating applied to the filter, serves to trap and remove dust particles.</p>
<p>Step 02</p> 	<p>Step 02 / Silver Nano evaporator (Option) The fins of the evaporator are triple coated to ensure efficient removal of condensation.</p>
<p>Step 03</p> 	<p>Step 03 / DNA The DNA structure possesses qualities in absorbing and eliminating microscopic carcinogenic agents.</p>
<p>Step 04</p> 	<p>Step 04 / Catechin filter Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and unpleasant odors.</p>
<p>Step 05</p> 	<p>Step 05 / Anti-Bacterial Cross Fan Molded with an antibacterial formula to suppress proliferation of molds and bacteria, prevents the causes of unpleasant odors.</p>
<p>Step 06</p> 	<p>Step 06 / MPI (Micro Plasma Ion) MPI improves your indoor air quality by eliminating biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten your health.</p>

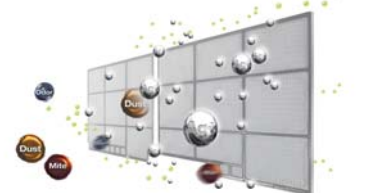
Silver Nano Evaporator

Samsung's Silver Coated Evaporator incorporates an innovative material found to be environmentally friendly. The fins of the evaporator are triple coated (2 layers of chrome-free neo silica, 1 layer of Silver Coating) to ensure the efficient removal of condensation and to guarantee the production of clean, fresh air.




Silver Coated Filter

Dust particles are trapped and removed as a result of the silver nano coating of the Silver Nano Filter. Not only does the filter remove microscopic dust particles, it also exterminates fungi and eliminates unpleasant smells.



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.



The difference in internal and external temperatures causes moisture to form. Even after it has been turned off, the unit automatically runs the fan to dry. The unit stays clean and dry so molds and germs cannot spread.

Good'sleep II



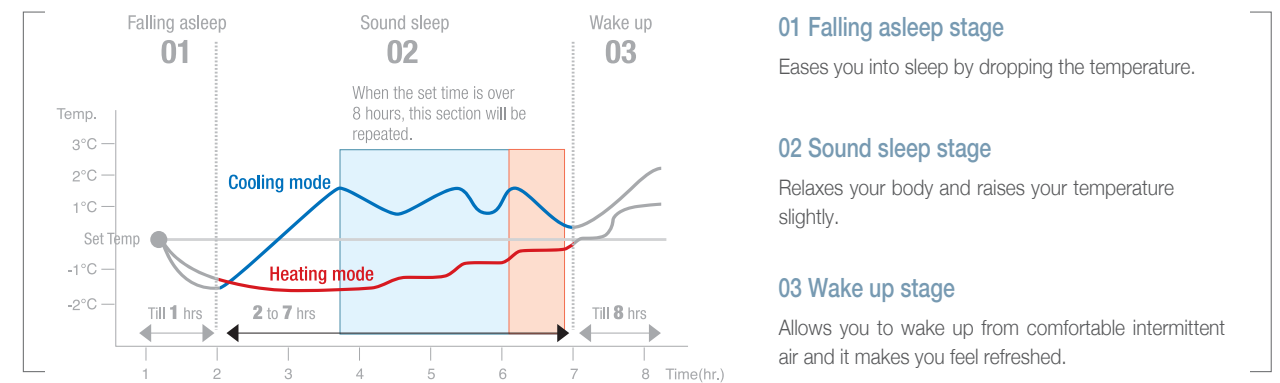
Samsung's Good'sleep II ensures your environment stays at the most comfortable temperature with automatic moisture adjustment to guarantee a good night's sleep.



The quality of sleep you get directly impacts your physical and mental health. Concerned with your health, Samsung performed extensive experiments to determine the ideal temperatures needed to quickly fall asleep, maintain a comfortable sleep environment, and to awake refreshed. After years of testing, Samsung has developed a precise temperature control system that accurately controls the temperature and humidity in the room during the 3 stages of sleep to ensure users wake up fully refreshed and ready to start their day.

Best Temperature for Deep Sleep

Depending on the stage of dormancy, the temperature automatically adjusts so you fall asleep faster, maintain deep sleep longer, and wake up fully refreshed.



Enjoy a Pleasant Night's Sleep

<p>Efficiency</p> <p>The Good'sleep II increases sleep efficiency compared with competitors.</p> <p>SAMSUNG 35.8% → Up to 5%</p> <p>Competitor 30.8%</p> <p><small>[Operation: 8hrs]</small></p>	<p>Pleasant Skin Temperature</p> <p>An invaluable feature for those sensitive to temperature fluctuations and those suffering from insomnia.</p> <p>SAMSUNG 95% → 24% Better</p> <p>Competitor 71%</p> <p><small>[Operation: 8hrs]</small></p>	<p>Energy Saving</p> <p>Good'sleep II saves up to 36% in energy consumption compared with the normal cooling mode.</p> <p>Good'sleep II Mode 1.34 Kw → Up to 36% Energy Saving</p> <p>General Cooling Mode (26°C) 20.9 Kw</p>
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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.

Good'sleep II is recommended for :

<p>Those sensitive to temperature fluctuations.</p>	<p>Those who suffer from insomnia.</p>	<p>Those who worry about energy consumption.</p>
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S-Inverter

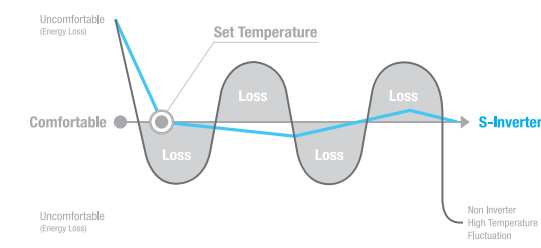


Samsung's S-Inverter technology lowered energy consumption by up to 50% and its powerful control lets you reach the desired temperature quickly and maintains precise temperatures.



Stable, Saving & Silent Run with the S-Inverter

Stable! Comfortable Temperature

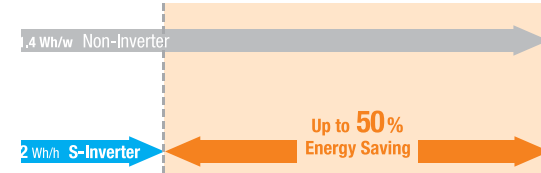


The S-Inverter Air Conditioner works at maximum capacity at start up. As soon as the temperature reaches the desired set temperature, it finely adjusts to cope with any changes. This means less temperature fluctuation and assures you greater comfort that can be achieved in minutes.

Saving! High Efficiency

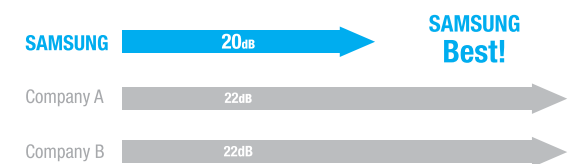
The S-Inverter technology gives you powerful, speedy cooling and heating at minimum electricity consumption, so you can reduce energy waste and save money.

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.

Silent! Quieter Operation

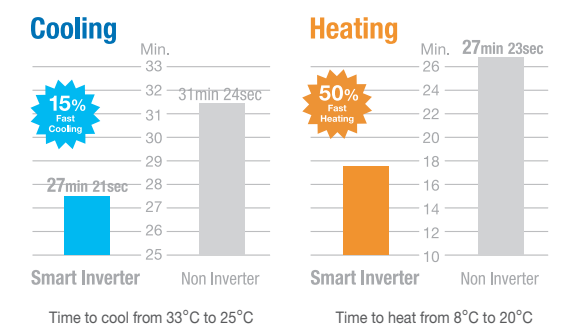


Enjoy the sweet silent operation of your air conditioner, the air conditioner's compressor works at a lower speed to maintain the temperature resulting in a quieter motor and fan noise assuring greater comfort while in use.

Powerful and Reliable Performance

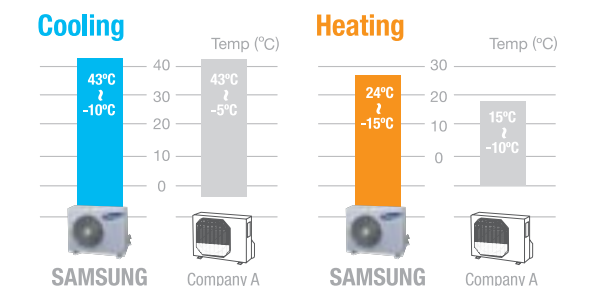
Fast Cooling and Heating

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



All Temperature Performance

No need to worry about the Samsung air conditioner's outdoor unit in severe temperatures. With a wider range of temperature allowance than other companies, the unit can cool the air in the burning heat of 43°C or heat the air in the freezing cold of -15°C to optimize comfort.



Advanced Technology

UTR Plus™

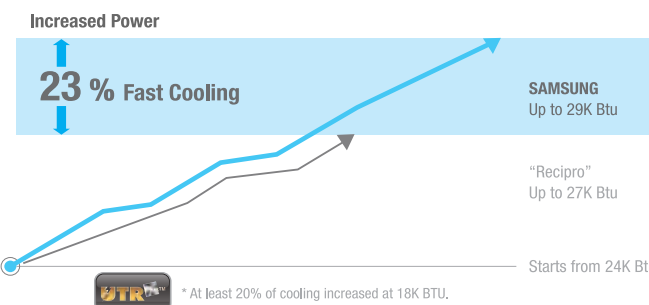


Samsung developed the UTR (Ultra Tropical Rotary) Plus™, compressor featuring incredible power that can quickly cool even in severe climates. The UTR Plus™, has the reliability to maintain superb performance even in severe temperatures of up to 60°C/140°F for a long time.



The Most Compact and Powerful Cooling

Performance Comparison



Samsung developed the UTR (Ultra Tropical Rotary) Plus™ compressor featuring incredible power that can quickly cool the air even in severe hot climates. The UTR Plus™ with its high torque motor has the reliability to maintain the superb performance even in severe temperatures of up to 60°C/140°F for a long time. The latest UTR Plus™, succeeded in saving energy consumption and increased energy efficiency by 10%. Now, switch on your air conditioner and enjoy the refreshing cool air brought to you by the UTR Plus™.

Built to Last

Samsung UTR Plus Compressor

Components	Wear Rate (%)	Judgement
Shaft	5%	Excellent
Roller	15%	Good
Vane	1%	Excellent
Upper Bearing	17%	Excellent
Lower Bearing	12%	Good
Cylinder	11%	Excellent

Reciprocating Compressor

Components	Wear Rate (%)	Judgement
Shaft	200%	Poor
Connecting Rod	90%	Not Satisfactory
Wrist Pin	48%	Good
Lower Bearing	108%	Not Satisfactory
Upper Bearing	82%	Not Satisfactory
Piston	85%	Not Satisfactory

Because the lifetime of the UTR Plus™ compressor has been extended thanks to durable materials and a new welding method, you can enjoy the performance of your air conditioner for an extended length of time.

Test Center:
Received Certificate of Performance from Univ. of Maryland (USA)
Test Condition:
1000 hrs Acceleration Test (Continuous Run), UTR Plus™ VS Recipro, Ambient Temperature = 54°C

Advanced Technology

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 to save electricity.



Save up to 31% on Your Electricity Bill.

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

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

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?

- When you repeatedly turn on and off the air conditioner to stay cool because you want to save energy.
- When you don't want to waste energy cooling an empty or near empty room.
- 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 air conditioner presents the new Smart Saver function, never seen before, 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.



Advanced Technology

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.

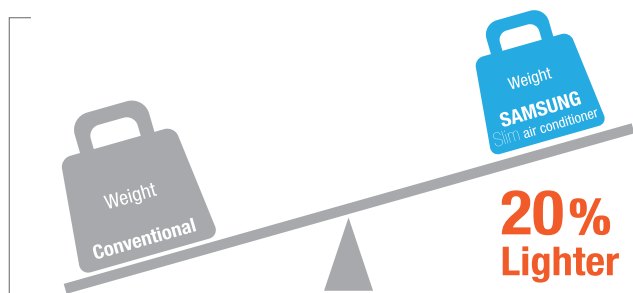


Compact Size



Samsung's advanced technology continues to amaze by developing new compact air conditioners, which reduced overall size by at least 12% while maintaining performance. Now experience greater convenience in space and installation.

Light Weight



Samsung's slim solution provides air conditioners that are not only compact in size but are 20% lighter making these units easier to install.

Advanced Technology

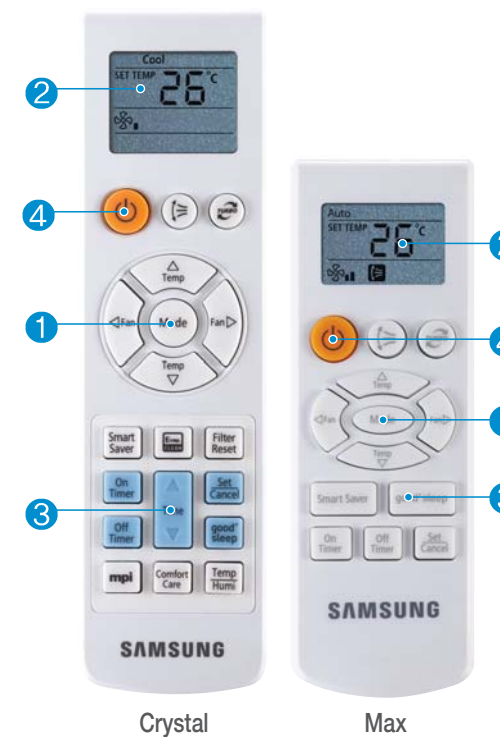
Special Remote Control

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.



Ergonomic Remote Control

Simple minimalist design is easy to use and the size is comfortable to grip.



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 allow for better visibility.

03 / Bigger Buttons

Larger buttons for easier use.

04 / Power Button

Orange colored power button makes it easy to see.



Advanced Technology

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.



Advanced Technology

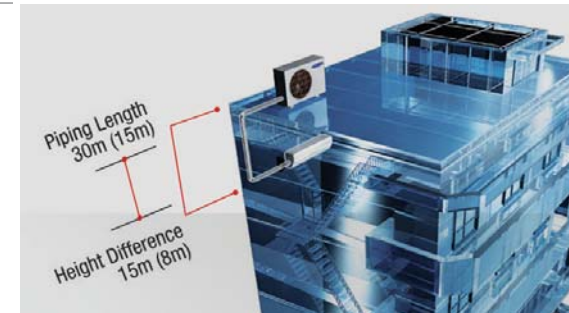
Auto Changeover

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 to maintain the set temperature.



Advanced Technology

Convenient Installation



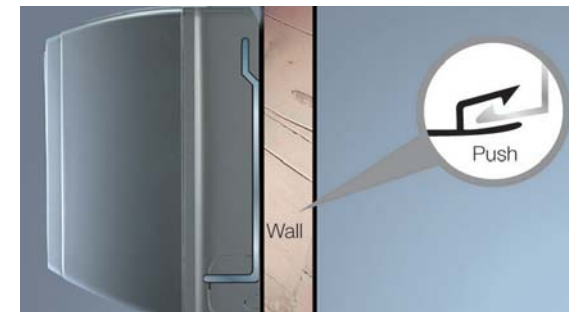
Outdoor Installation Pipe

The connection pipe is extendable up to 30 meters in length and up to 15 meters in height (18,000-24,000Btu/h) for 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.



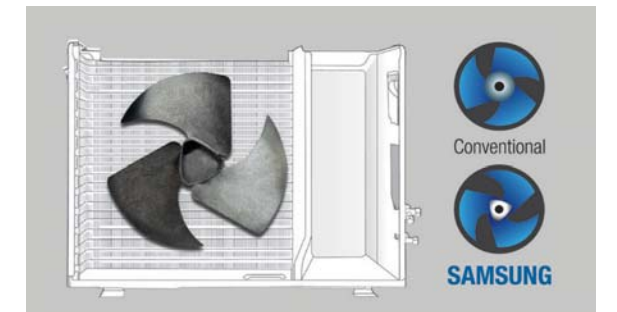
Easy Handle for Convenience during Transporting, Unloading, etc

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 getting wet from drops of water.



Split Type

Express yourself ▶▶▶

Sumptuous refreshness

MB



Using the innovative Auto Roof Shutter system, this unique air conditioner automatically seals off to prevent dirt infiltration when not in operation. Also its polished design, luxurious pearl color and misty blue light add sophistication and style to your space.

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.

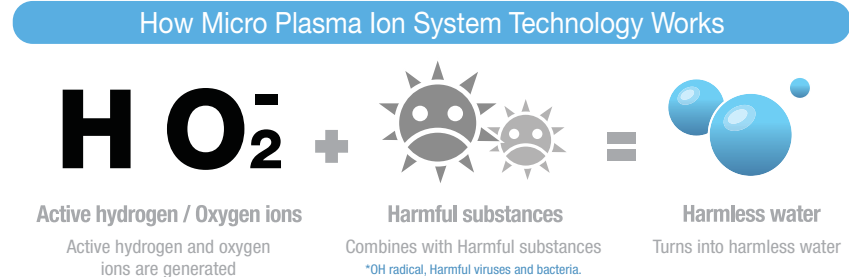
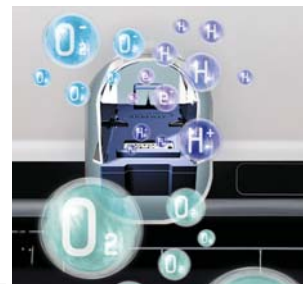


When turned off, the air conditioner seals itself off to prevent dirt infiltration.

The Auto Roof Shutter opens to let air into the unit, purifies the air and dispenses cool air from the vents below so the room cools faster and more efficiently.

MPI (Micro Plasma Ion)

MPI improves your indoor air quality by eliminating the biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten your health. MPI is recommended for children and elderly people who are more sensitive to viruses and often feel sick from biological contaminants in the air.

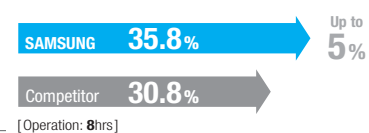


Good'sleep II

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.

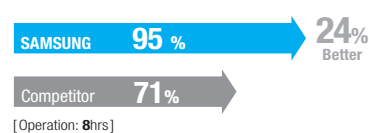
Sleep Efficiency

The Good'sleep II increases sleep efficiency compared with competitors.



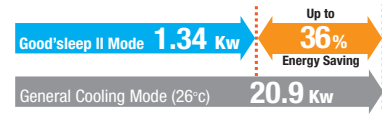
Pleasant Skin Temperature

An invaluable feature for those sensitive to temperature fluctuations and those suffering from insomnia.



Energy Saving

The Good'sleep II reduces up to 36% of electricity consumption compared with a normal cooling mode.



Additional Features



S-inverter (option)
Its powerful control lets you reach the set temperature quickly and maintains precise temperatures.



UTR Plus™ (option)
UTR features incredible power that can quickly cool the air even in severe hot climates.



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



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



Silver Coated Filter
Silver Coated Filter, the respiration of the viruses is stifled, inhibiting their cell growth, causing them to die. The viruses are removed speedily in just 2 hours.



Silver Nano Evaporator
The fins of the evaporator are triple coated to ensure efficient removal of condensation.

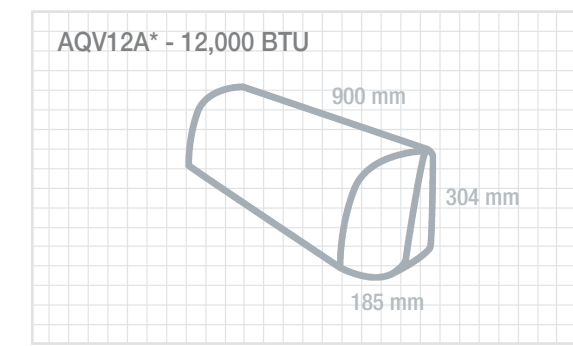


Waterfall Heating Air Flow
Opening the blades to an angle of 90 degrees, the air can be distributed vertically and horizontally anywhere in the room.



Auto Changeover
The Auto Changeover automatically selects the operating mode (Cooling or Heating) according to the temperature setting.

Available Colors and Dimensions



Option

	Power Source(V/Hz/0)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	220-240 / 50 / 1	R410a	AQV09A* AQV10AWANXST	AQV12A* AQV13AWANXST	-	-
Heat Pump	220-240 / 50 / 1	R22	AQ09A*ASER AQ09AWA*	AQ12A*ASER AQ12AWA*	-	-
Cooling Only	220-240 / 50 / 1	R22	-	-	-	AS12AWBANXA*

Split Type
Multi Split Type
Window Type
Floor Standing Type

MB



White



Silver



Black

Air Purifying System

- **MPI (Micro Plasma Ion)**
MPI generates active hydrogen atoms together with oxygen ions to improve your indoor air quality.
- **Silver coated filter**
The silver-nano coating applied to the filter, serves to trap and remove dust particles.
- **Silver coated evaporator**
The fins of the evaporator are triple coated to ensure efficient removal of condensation.
- **DNA filter**
The DNA structure possesses qualities in absorbing and eliminating microscopic carcinogenic agents.
- **Deodorizing filter**
Activated carbon is incorporated in the filter, efficiently absorbing all odors.
- **Auto cleaning (self cleaning)**
Auto cleaning function keeps the interior clean and dry to prevent an unpleasant odor.

Features

- **Auto Roof Shutter**
This unique feature automatically seals off to prevent dirt infiltration when not in operation.
 - **Good'sleep II**
It automatically adjusts temperature and moisture to guarantee a good night's sleep.
 - **S-inverter (option)**
Its powerful control lets you reach the set temperature quickly and maintains precise temperatures.
 - **UTR Plus™ (option)**
UTR features incredible power that can quickly cool the air even in severe hot climates.
 - **MPI lamp**
The blue light signals the purification of the air as it adds a peaceful aura to the room.
- | | | | |
|--------------------|-------------------|-------------|----------------------|
| • Dehumidification | • Turbo mode | • Timer | • Energy saving mode |
| • Auto restart | • Auto changeover | • Auto wind | • Auto grille |

Design



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

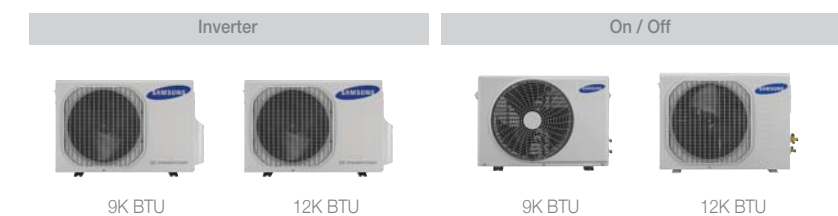


Pearl Color
The color of purity and elegant innocence. Glossy pearl adds luxurious beauty to any décor.

Remote Control & Outdoor Unit



Remote Control



Inverter On / Off
9K BTU 12K BTU 9K BTU 12K BTU

Shadow mirror

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.

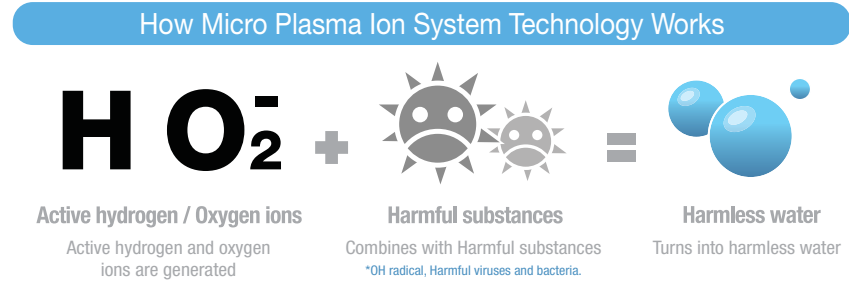
Trimless Design

Samsung Vivace air conditioner with trimless design not only delivers coolness, but also adds modern sophistication to the room. Vivace's flat smoked mirror front panel with hidden digital display completes this minimal design.



MPI (Micro Plasma Ion)

MPI improves your indoor air quality by eliminating the biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten your health. MPI is recommended for children and elderly people who are more sensitive to viruses and often feel sick from biological contaminants in the air.

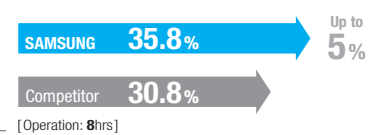


Good'sleep II

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.

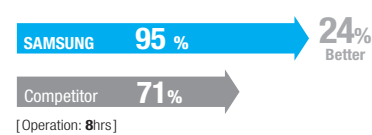
Sleep Efficiency

The Good'sleep II increases sleep efficiency compared with competitors.



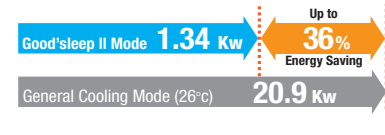
Pleasant Skin Temperature

An invaluable feature for those sensitive to temperature fluctuations and those suffering from insomnia.



Energy Saving

The Good'sleep II reduces up to 36% of electricity consumption compared with a normal cooling mode.



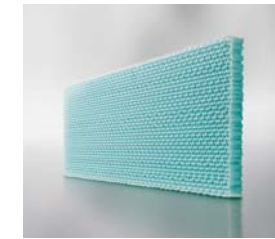
Additional Features



S-inverter (option)
Its powerful control lets you reach the set temperature quickly and maintains precise temperatures.



UTR Plus™ (option)
UTR features incredible power that can quickly cool the air even in severe hot climates.



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



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



Silver Coated Filter
Nano-sized silver particles prevent the spread of bacteria and viruses that can reside in filters.



Silver Nano Evaporator
The fins of the evaporator are triple coated to ensure efficient removal of condensation.

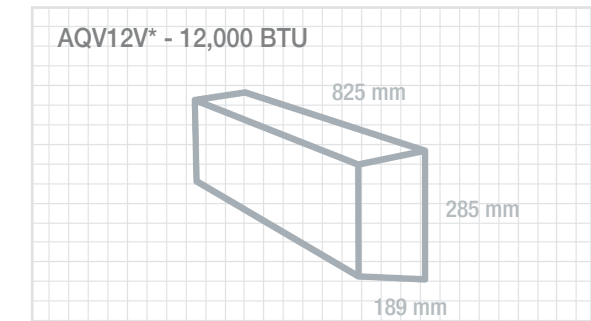


Waterfall Heating Air Flow
Opening the blades to an angle of 90 degrees, air can be distributed vertically and horizontally anywhere in the room.



Auto Changeover
The Auto Changeover automatically selects the operating mode (Cooling or Heating) according to the temperature setting.

Available Colors and Dimensions



Option

	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 AQ18VWC*	AQ24V*CSER AQ24VWC*
Cooling Only	220~240 / 50 / 1 220 / 60 / 1	R22	AS09VWC* AS10VBLNXSS AS09VBLNXSV AS09VBCXTC	AS12VWC* AS13VBLNXSS AS12VB* AS12VXAXTL	AS18VWC* AS18VBLNXSV AS18VWC AS18VB*	AS24VWC* AS24VWCHAC AS24VWC AS24VBCNXAP

Vivace



Black Mirror



Redish Black



Air Purifying System

- **MPI (Micro Plasma Ion)**
MPI generates active hydrogen atoms together with oxygen ions to improve your indoor air quality.
- **Silver coated filter**
The silver-nano coating applied to the filter, serves to trap and remove dust particles.
- **Silver coated evaporator**
The fins of the evaporator are triple coated to ensure efficient removal of condensation.
- **DNA filter**
The DNA structure possesses qualities in absorbing and eliminating microscopic carcinogenic agents.
- **Deodorizing filter**
Activated carbon is incorporated in the filter, efficiently absorbing all odors.
- **Auto cleaning (self cleaning)**
Auto cleaning function keeps the interior clean and dry to prevent an unpleasant odor.

Features

- **Good'sleep II**
It automatically adjusts temperature and moisture to guarantee a good night's sleep.
 - **S-inverter (option)**
Its powerful control lets you reach the set temperature quickly and maintains precise temperatures.
 - **UTR Plus™ (option)**
UTR features incredible power that can quickly cool the air even in severe hot climates.
- | | | | |
|--------------------|-------------------|-------------|----------------------|
| • Dehumidification | • Turbo mode | • Timer | • Energy saving mode |
| • Auto restart | • Auto changeover | • Auto wind | • Auto grille |

Design



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.



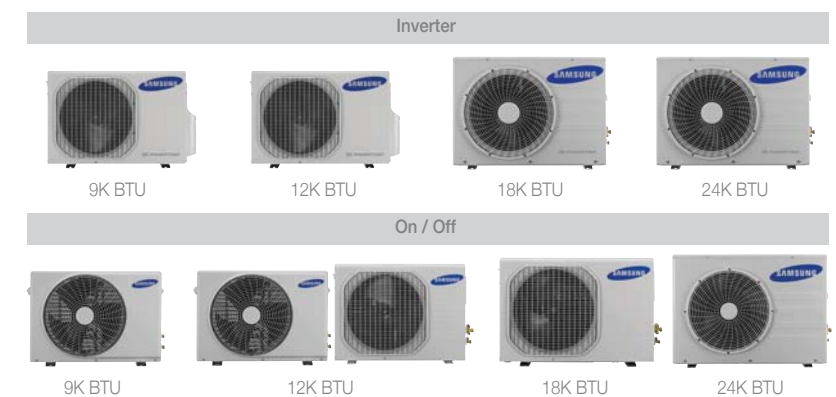
Trimless Design

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

Remote Control & Outdoor Unit



Remote Control



Cool and fresh impression

Vivace Digital i

The digital-i found at the center of the smooth white panel gives the unit an accent of modern freshness.

Digital i

A stylish circular display placed at the center of the air conditioner, the Digital i keeps an eye on the condition of the air in your room. This outstanding LED digital i display provides you an easy view of the current temperature, and the style accentuates the unit with modern simplicity.



Additional Features



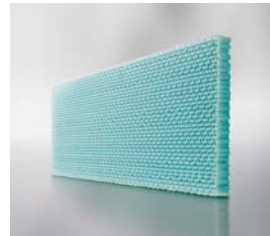
MPI (Micro Plasma Ion)
MPI improves your indoor air quality by eliminating the biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten your health.



Good'sleep II
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.



UTR Plus™ (option)
UTR features incredible power that can quickly cool the air even in severe hot climates.

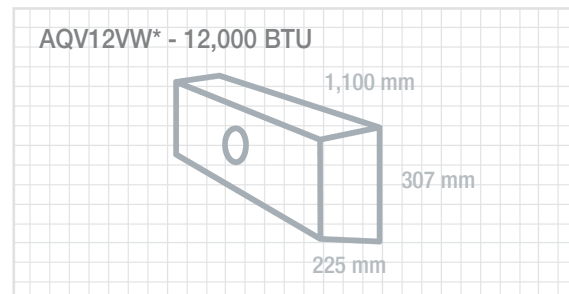


Catechin Filter
Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and unpleasant odors.

Available Colors and Dimensions



White



Option

	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 AQ18VWC*	AQ24V*CSER AQ24VWC*
	220~240 / 50 / 1 220 / 60 / 1		AS09VWC* AS10VBLNXSS AS09VBLNXSV AS09VBCXTC	AS12VWC* AS13VBLNXSS AS12VB* AS12VXAXTL	AS18VWC* AS18VBLNXSV AS18VWC AS18VB* AS18VWC	AS24VWC* AS24VWC AS24VWC AS24VWC AS24VWC

Vivace Digital i



Air Purifying System

- MPI (Micro Plasma Ion)
- Silver coated filter
- Silver coated evaporator
- Catechin filter
- Deodorizing filter
- Auto cleaning (self cleaning)

Features

- Digital i
- Good'sleep II
- UTR plus™ (option)
- Dehumidification
- Turbo mode
- Timer
- Energy saving mode
- Auto restart
- Auto changeover
- Auto wind
- Auto grille

Design



Automatic Panel

The cover of the air inlet opens like a window. For efficient air intake, Samsung developed a front opening panel that opens about 10 degrees.



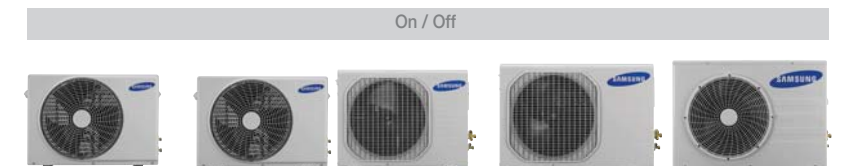
Trimless Design

The clean lines and trimless design give the air conditioner a modern classic look.

Remote Control & Outdoor Unit



Remote Control



9K BTU

12K BTU

18K BTU

24K BTU

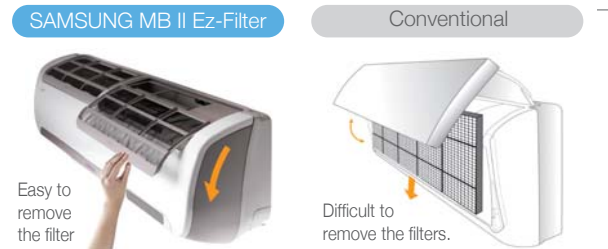
One touch convenience

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.

Ez-Filter

Unique to Samsung, the Ez-filter features easy removal, cleaning, and installation to ensure you always get clean, fresh air coming from your air conditioner.



Additional Features



MPI (Micro Plasma Ion)
MPI improves your indoor air quality by eliminating the biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten your health.



Good'sleep II
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.



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.

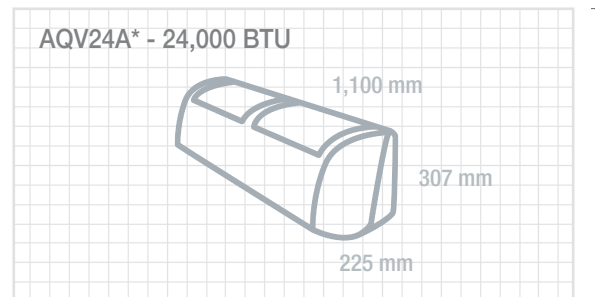


Catechin Filter
Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and unpleasant odors.

Available Colors and Dimensions



White



Option

	Power Source(V/Hz/Ø)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	220~240 / 50 / 1 220/60/1	R410a	-	-	AQV18AWA	AQV24AWA
Heat Pump	220~240 / 50 / 1	R22	-	-	AQ18AWA*	AQ24AWA*
	220 / 60 / 1		-	-	AQ18DWA	AQ24DWA
Cooling Only	220~240 / 50 / 1	R22	-	-	AS18DWA*	AQ24DWA
	220 / 60 / 1		-	-	AS18AWBANXA*	AS24AWBANXA*
			-	-	AS18DWA	AS24DWA

MB II



Air Purifying System

- MPI (Micro Plasma Ion)
- Silver coated filter
- Silver coated evaporator
- DNA filter
- Deodorizing filter
- Auto cleaning (self cleaning)

Features

- Ez-Filter
- Good'sleep II
- S-inverter (option)
- UTR plus™ (option)
- Dehumidification
- Turbo mode
- Timer
- Energy saving mode
- Auto restart
- Auto changeover
- Auto wind

Design



Stylish Design

The air conditioner is a large part of your interior so Samsung paid special attention to its design.



Snow White Color

The color of purity and elegant innocence, glossy snow white adds luxurious beauty to any décor.

Remote Control & Outdoor Unit



Remote Control



18K BTU

24K BTU

18K BTU

24K BTU

Feel pure ideal comfort

Crystal

Samsung Crystal air conditioner dazzles with its high glossy panel, making your home sparkle with luxury. What's more, you can enjoy clean, refreshing air with its strong power and purifying function. Now, you can have high performance without sacrificing beauty.



Comfort Care

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

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. Samsung 'Comfort Care technology' measures the humidity and temperature of the room. Then it calculates what temperature and humidity is needed to reach the comfort index. Comfort Care adjusts the temperature and humidity automatically until the comfort index is reached.



Filter Cleaning Indicator

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.



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 air is not comfortable 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.



Additional Features



S-inverter (option)
Its powerful control lets you reach the set temperature quickly and maintains precise temperatures.



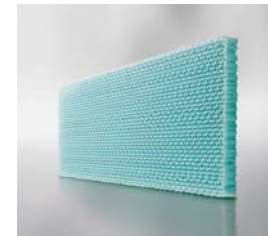
UTR Plus™ (option)
UTR features incredible power that can quickly cool the air even in severe hot climates.



MPI (Micro Plasma Ion)
MPI improves your indoor air quality by eliminating biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten your health.



Good'sleep II
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.



Catechin Filter
Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and unpleasant odors.



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



Auto Cleaning
Auto cleaning function keeps the interior clean and dry to prevent an unpleasant odor.



Silver Nano Evaporator
The fins of the evaporator are triple coated to ensure efficient removal of condensation.

Available Colors and Dimensions



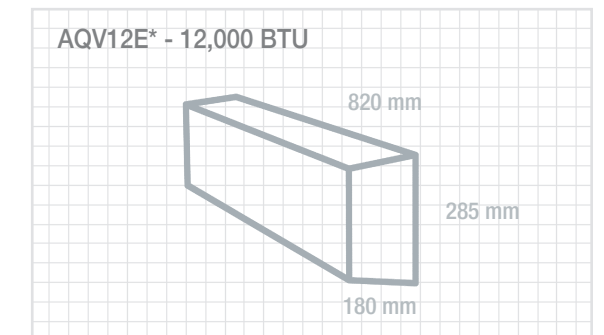
White



Silver



Blue



Option

	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*	AS18EBANXA* AS18ENLX* AS18E*	AS24EBANXA* AS24ELN* AS24ETAXTL

Crystal



White



Gray



Blue

Air Purifying System

- **MPI (Micro Plasma Ion)**
MPI generates active hydrogen atoms together with oxygen ions to improve your indoor air quality.
- **Silver coated filter**
The silver-nano coating applied to the filter, serves to trap and remove dust particles.
- **Silver coated evaporator**
The fins of the evaporator are triple coated to ensure efficient removal of condensation.
- **DNA filter**
The DNA structure possesses qualities in absorbing and eliminating microscopic carcinogenic agents.
- **Deodorizing filter**
Activated carbon is incorporated in the filter, efficiently absorbing all odors.
- **Auto cleaning (self cleaning)**
Auto cleaning function keeps the interior clean and dry to prevent an unpleasant odor.

Features

- **Good'sleep II**
It automatically adjusts temperature and moisture to guarantee a good night's sleep.
- **S-inverter (option)**
Its powerful control lets you reach the set temperature quickly and maintains precise temperatures.
- **UTR Plus™ (option)**
UTR features incredible power that can quickly cool the air even in severe hot climates.
- **MPI lamp**
The blue light signals the purification of the air as it adds a peaceful aura to the room.
- **Smart saver**
- **Dehumidification**
- **Auto restart**
- **Comfort care (option)**
- **Turbo mode**
- **Auto changeover**
- **Filter cleaning indicator (option)**
- **Timer**
- **Auto wind**
- **Energy saving mode**

Design



MPI Lamp

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



Glossy Panel

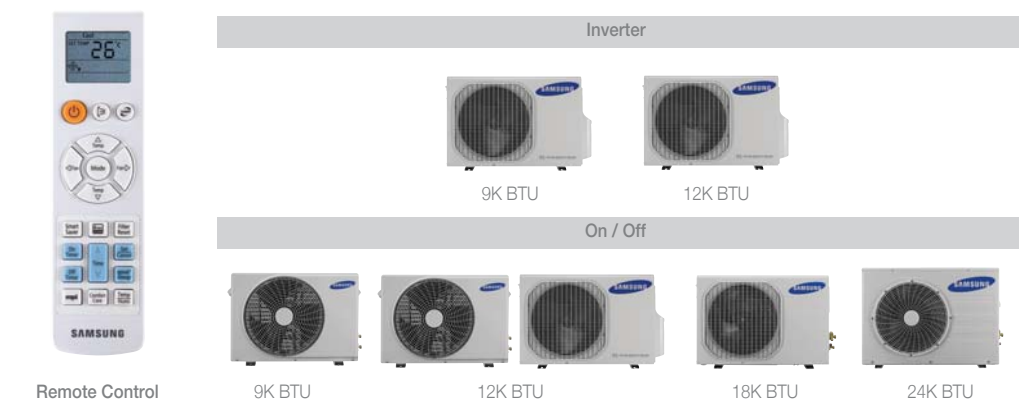
High glossy panel expresses the color more luxurious and beautiful. Experience the refreshing comfort color can bring into the room.



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.

Remote Control & Outdoor Unit



Fresh and pleasant cooling

Neo Forte

The Neo Forte design incorporates a clean fashionable front panel with a striking silver accent line that adds a stylish contrast for a strong minimalist design that complements any decor.

Silver Accent Line

The interior design of your home adds a lot to personal comfort and appeal. Samsung Neo Forte's unique silver accent line adds a strong impression and a stylish touch to the whole design.



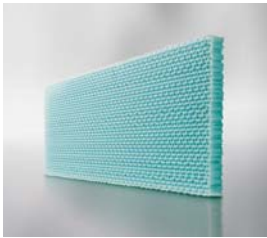
Additional Features



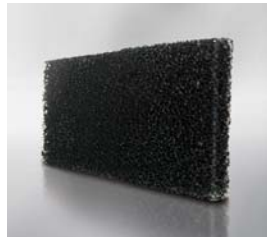
MPI (Micro Plasma Ion)
MPI improves your indoor air quality by eliminating biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten your health.



Good'sleep II
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.



Catechin Filter
Catechin, extracted from green tea, is contained in the filter and deactivates captured bacteria and unpleasant odors.

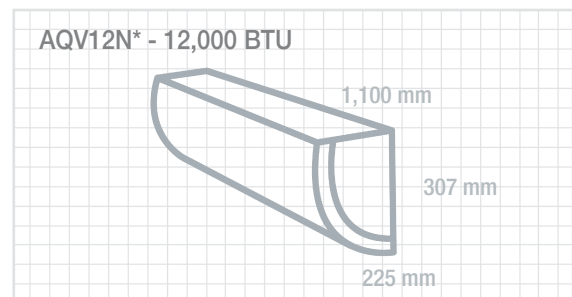


Deodorizing Filter
Incorporated with activated carbon, the deodorizing filter efficiently adsorbs cigarette smoke, pet odors and other unpleasant odors.

Available Colors and Dimensions



White



Option

	Power Source(V/Hz/Ø)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	220~240 / 50 / 1 220/60/1	R410a	AQV09NS*	AQV12NS*	AQV18NS*	AQV24NS*
			AQV09NSDKCV	AQV12NSDKCV	AQV18NSDKCV	AQV24NSDKCV
Heat Pump	220~240 / 50 / 1 220 / 60 / 1	R410a	AQ09NS*	AQ12NS*	AQ18NSA	AQ24NSA
			AQ09NSAEUR	AQ12NSAEUR	AQ18NSAEUR	AQ24NSAEUR
			-	AQ13NCHAC	AQ18NAHAC	AQ24NAHAC
Cooling Only	220~240 / 50 / 1 220 / 60 / 1 220 / 50 / 1	R22	-	AQ12NBA*	AQ18NBE*	AQ24NBA*
			AS09NA*	AS12NA*	AS18ENLX*	AS24NA*
			-	AS13NAHAC	AS19NCHAC	AS25NAHAC
			AS09NBA*	AS12N*	AS18N*	AS24N*
			-	AS12NCXTL	AS18NC*	AS24NCXTL

Neo Forte



Air Purifying System

- Silver coated filter
- Silver coated evaporator
- Catechin filter
- Deodorizing filter
- Auto cleaning (self cleaning)

Features

- Good'sleep II
- S-inverter (option)
- UTR plus™ (option)
- Dehumidification
- Turbo mode
- Timer
- Energy saving mode
- Auto restart
- Auto changeover
- Auto wind

Design



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.

Remote Control & Outdoor Unit



Remote Control



9K BTU 12K BTU 18K BTU 24K BTU

Ideal air for perfect coolness

Max

Enjoy exceptional cooling power with the Samsung Max air conditioner. Max cools the room faster with strong refreshing air that fills the room quickly. Also its unique Smart Saver function prevents unnecessary energy consumption and Good'sleep II controls the temperature so that you can sleep comfortably throughout the night.

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 air is not comfortable 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.



Additional Features



Good'sleep II
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.



Slim Solution
The compact size of these air conditioners provide more space flexibility.



Silver Nano Evaporator
The fins of the evaporator are triple coated to ensure efficient removal of condensation.



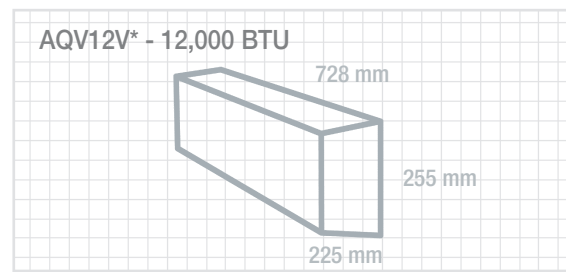
Silver Coated Filter
The silver coated filter inhibits the cell growth of viruses, causing them to die, effectively removing airborne viruses in just 2 hours.

Available Colors and Dimensions



White

Light Blue



Option

	Refrigerant	5K BTU	7K BTU	9K BTU	12K BTU	18K BTU	24K BTU
Inverter	R410a	-	-	AQV09U*AN	AQV12U*AN	AQV18U*AN	AQV24U*AN
	R410a	-	-	AQ09GAN	AQ12UGAN	AQ18UGAN	AQ24UGAN
Heat Pump	R22	-	AQ07RLSER	AQ09R*	AQ12UGANEUR	AQ18UGANEUR	AQ24UGANEUR
		-	-	AQ09R*SER	AQ12UL*	AQ18UL*	AQ24UA*
		-	-	AQ09UA*	AQ12U*	AQ18U*	AQ24UBANXAX
Cooling Only	R22	AS05RLNXSE	AS07RLNXSE	AS09R*	AS12U*AN*	AS18UBAN*	AS24UBAN*
		-	-	AS09ULN*	AS12U*	AS18ULN*	AS24ULN*
		-	-	AS10U*	AS13JULNXST	AS18U*	AS24UAXTL

Max



Air Purifying System

- Silver coated filter
- Silver coated evaporator

Features

- Slim solution
- Smart saver
- Good'sleep II
- S-inverter (option)
- UTR plus™ (option)
- Dehumidification
- Turbo mode
- Timer
- Energy saving mode
- Auto restart
- Auto changeover
- Auto wind

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.



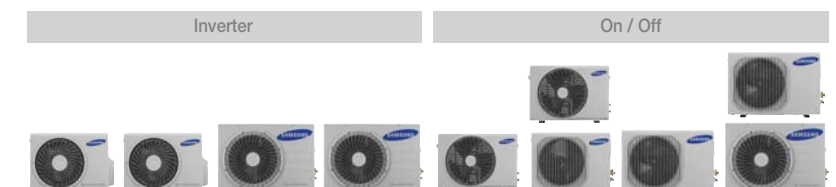
Pure Display

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

Remote Control & Outdoor Unit



Remote Control



9K BTU 12K BTU 18K BTU 24K BTU 9K BTU 12K BTU 18K BTU 24K BTU

Cooler and stronger air conditioning

Forte

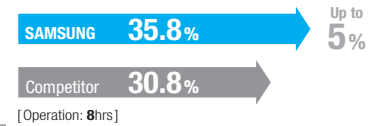
Designed for convenience as well as beauty, the Forte with its clean lines and contrasting color line is an impression of cool style.

Good'sleep II

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.

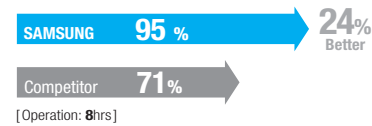
Sleep Efficiency

The Good'sleep II increases sleep efficiency compared with competitors.



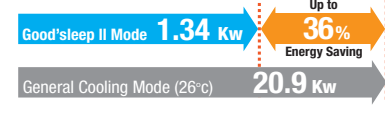
Pleasant Skin Temperature

An invaluable feature for those sensitive to temperature fluctuations and those suffering from insomnia.



Energy Saving

The Good'sleep II reduces up to 36% of electricity consumption compared with a normal cooling mode.



Additional Features



Good'sleep II

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.



Slim Solution

The compact size of these air conditioners provide more space flexibility.



S-inverter (option)

Its powerful control lets you reach the set temperature quickly and maintains precise temperatures.



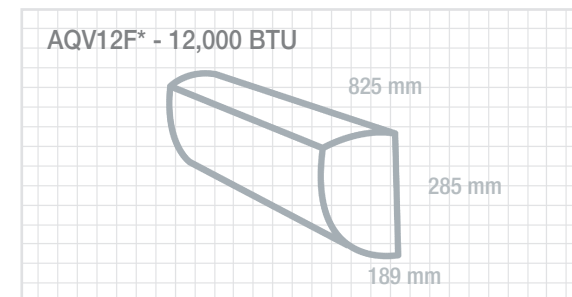
UTR Plus™ (option)

UTR features incredible power that can quickly cool the air even in severe hot climates.

Available Colors and Dimensions



White



Option

	Power Source(V/Hz/Ø)	Refrigerant	9K BTU	12K BTU	18K BTU	24K BTU
Heat Pump	220~240 / 50 / 1	R22	AQ09S*	AQ12FC	AQ18FE	AQ24FC
	220/60/1		AQ09FC	AQ12FG	AQ18FC	-
Cooling Only	220~240 / 50 / 1	R22	-	AQ12FC	AQ18F*	AQ24FC
			AS09SA	AS12FC	AS18F*	AS24NA*
			AS09FC	AS12FC	-	-
	220 / 60 / 1		AS09SA	AS12FC	AS18F*	AS24FC

Forte



Air Purifying System

- Silver coated filter
- Silver coated evaporator
- Catechin filter (option)
- Deodorizing filter (option)
- Auto cleaning (self cleaning)

Features

- Good'sleep II
- S-inverter (option)
- UTR plus™ (option)
- Dehumidification
- Turbo mode
- Timer
- Energy saving mode
- Auto restart
- Auto changeover (option)
- Auto wind

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.

Remote Control & Outdoor Unit



Remote Control



9K BTU 12K BTU 18K BTU 24K BTU 9K BTU 12K BTU 18K BTU 24K BTU



Multi Split Type

A network of air conditioners ▶▶▶

Pack Multi Series

2 Room Multi



MODEL

	Power Source (V/Hz/Ø)	Refrigerant	18K Btu	19K Btu	24K Btu	32K Btu	36K Btu
Inverter	220~240/50/1	R410a	MH18VF1	MH19VF1	-	-	-
Heat Pump	220/60/1	R22	-	-	MH24F2B	-	-
			-	-	MH24F2A	MH32F2B	-
Cooling Only	220~240/50/1	R22	MC18F2B	-	-	-	-
	220/60/1		-	-	MC24F2A	-	MC36F2B

3 Room Multi



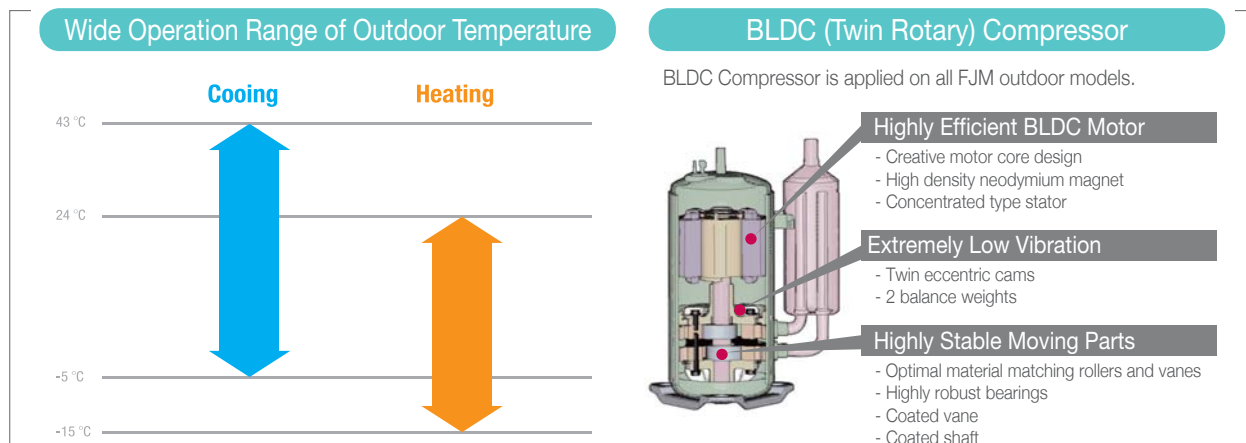
MODEL

	Power Source (V/Hz/Ø)	Refrigerant	20K Btu	48K Btu
Heat Pump	220~240/50/1	R22	-	MH48F3B
Cooling Only	220~240/50/1	R22	MC20F3B	-
	220/60/1		-	MC48F3B

Free Joint Multi

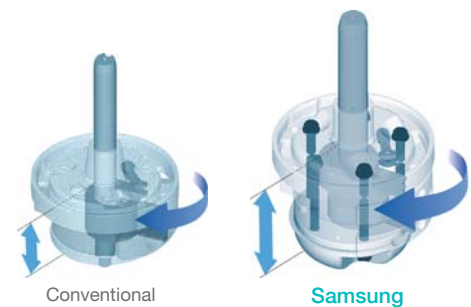
Free Joint Multi supports various combinations of indoor and outdoor units, providing a variety of choices and flexible installation. Therefore, Free Joint Multi is the best solution for residential buildings seeking a flexible, efficient and reliable air conditioning system.

High Performance



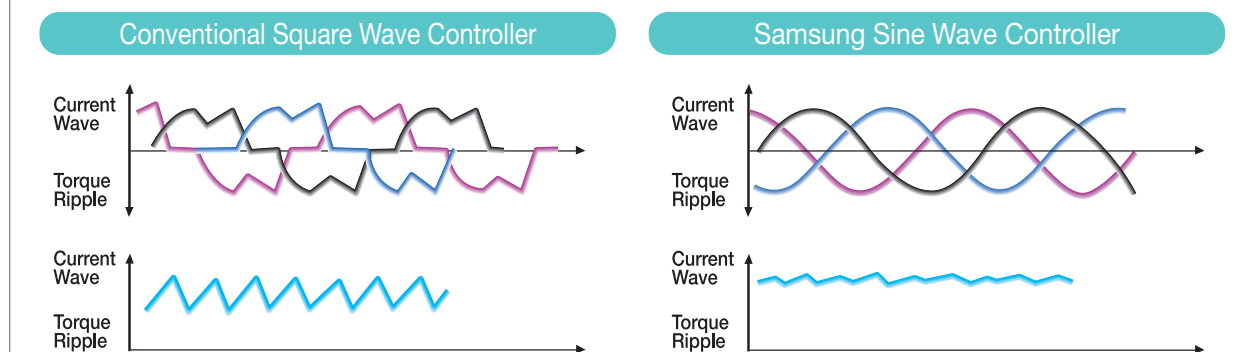
TBR Sine-Wave Compressor

New FJM models have applied the twin BLDC compressor with highly stable moving parts which reduced torque variation by 70% compared to the conventional single BLDC compressor.



Sine Wave Controller

All the FJM models have adopted this newly developed Sine Wave Controller. No ripples in the current wave makes soft acoustic quality and reduces noise.



Felt Structure

New felt has been selected to reduce the noise coming out of the compressor. Double layered felt structure absorbs noise by two times and felt also covers the top of the compressor to reduce noise even more.



Available Outdoor Units

MH040FXEA2B	MH050FXEA2B	MH060FXEA3B	MH070FXEA4B	MH080FXE4B
4.0kW	5.0kW	6.0kW	7.0kW	8.0kW
2 Unit	2 Unit	3 Unit	4 Unit	4 Unit

Combination Table

INDOOR UNIT		OUTDOOR UNIT				
Model		MH040FXEA2B	MH050FXEA2B	MH060FXEA3B	MH070FXEA4B	MH080FXEA4B
	MH026FBEA	●	●	●	●	●
	MH035FBEA	●	●	●	●	●
	MH052FBEA	●	●	●	●	●
	MH026FBES	●	●	●	●	●
	MH035FBES	●	●	●	●	●
	MH052FBES	●	●	●	●	●
	MH020FVEA	●	●	●	●	●
	MH026FVEA	●	●	●	●	●
	MH035FVEA	●	●	●	●	●
	MH052FVEA	●	●	●	●	●
	MH020FNEA	●	●	●	●	●
	MH026FNEA	●	●	●	●	●
	MH035FNEA	●	●	●	●	●
	MH052FNEA	●	●	●	●	●
	MH026FJEA	●	●	●	●	●
	MH035FJEA	●	●	●	●	●
	MH052FJFA	●	●	●	●	●
	MH026FSEA	●	●	●	●	●
	MH035FSEA	●	●	●	●	●
	MH030FMEA	●	●	●	●	●
	MH035FMEA	●	●	●	●	●
	MH052FMEA	●	●	●	●	●
	MH026FEEA	●	●	●	●	●
	MH035FEEA	●	●	●	●	●
	MH052FUEA	●	●	●	●	●



Window Type

Convenient controls and healthy features ▶▶▶

Features

A Delightful Day with Good'sleep Mode

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

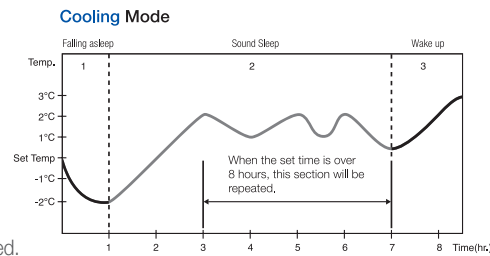
Eases you into sleep by dropping the temperature.

02 Sound sleep stage

Relaxes your body and raises your temperature slightly.

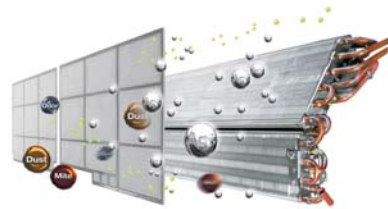
03 Wake up stage

Allows you to wake up from comfortable intermittent air and it makes you feel refreshed.

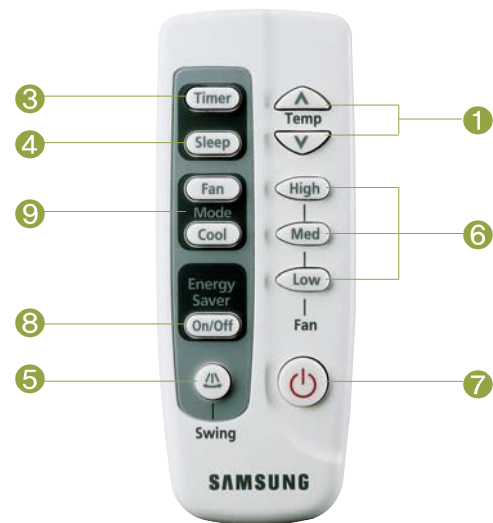


Silver Coated Technology

Samsung air conditioners are the first and only of its kind to coat the filter and the evaporator with silver coating. Most other brands of air conditioners available on the market have not incorporated a silver coating to their filters or evaporators, leaving you more vulnerable to breathing in unhealthy air. However, because we have coated the filter and the evaporator with a silver disinfecting and antimicrobial coating, we do offer superior protection.



Convenient Control



1. Highly Efficient BLDC Motor

Adjusts the room temperature. The air conditioner starts cooling / heating if the room temperature is higher / lower than the selected temperature.

2. Display

Shows you the operating status.

3. Timer button

Sets the 24hr On / Off timer.

4. Good'sleep button

Sets the sleep timer. The air conditioner operates for 6 hours and turns off automatically in Sleep mode.

5. Air flow direction adjustment button

Moves inner air flow blades horizontally.

6. Fan speed adjustment button(s)

You can select 3 levels of fan speed: High, Med, and Low.

7. On / Off button

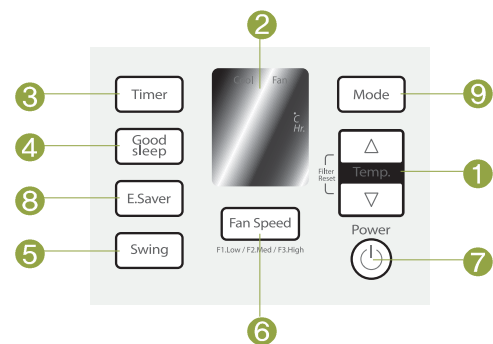
Turns on / off the air conditioner.

8. Energy saver button

You can select 3 levels of fan speed: High, Med, and Low.

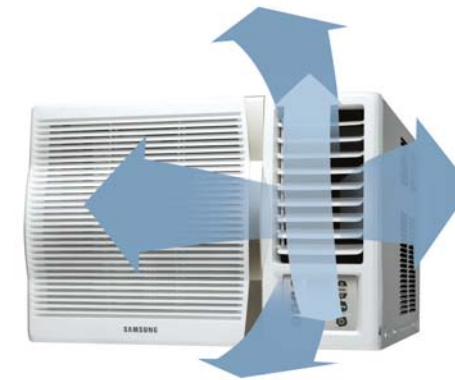
9. Mode selection button(s)

You can select the Cool, Heat, or Fan mode by pressing the button.



4-Way Air Direction

The Window Type air conditioner provides fresh air in 4 directions. Although compact in size, it powerfully emits air into every corner of the room.



Slide-out Chassis

The Window Type air conditioner is easy to install because the chassis can be detached by sliding it out. Just install the light-weight cabinet on the wall or in a window and then insert the unit in the cabinet by sliding it in. That's all it takes to install a Samsung Window Type air conditioner.

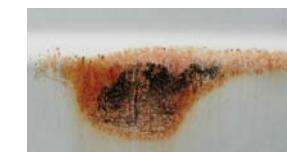


Dehumidification

The Window Type air conditioner removes moisture and humidity, two big discomforts in summer. It makes your room pleasant and fresh.

Rust-free Cabinet

Air conditioners' cabinets tend to get rusty in areas of high humidity or in areas near the sea, reducing product life. The cabinets of Samsung air conditioners are coated with an original anti-corrosion agent to prevent rust and to ensure long durability.



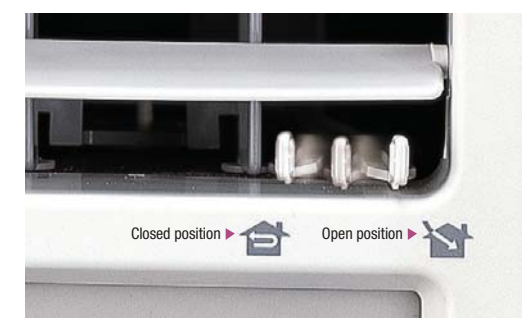
Normal cabinet material after 600 hours



Samsung's rust-free cabinet material after 1000 hours

Ventilation Control

The air can be directed in the direction you want by adjusting the horizontal and vertical louvers. It is possible to set the horizontal louver to swing at a constant speed or keep it fixed to point airflow in the desired direction.



Easy-to Access Filter

You can slide the filter in and out without removing the front grille for quick and easy cleaning. Dust, soot, and pollen in the air are efficiently collected and easily removed.



CIS Line up



H Series (Electronic)



Features

- Anti-bacteria Filter
- Temperature control
- Good'sleep code
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Remote controller
- Washable grill
- Easy-to-access filter
- Energy saving mode
- Timer
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	9K Btu	12K Btu	18K Btu
Heat Pump	220-240/50/1	AZ09PHB	AZ12PHA	-
Cooling Only	220-240/50/1	-	-	AW18PHB

New Y Series (Mechanical)



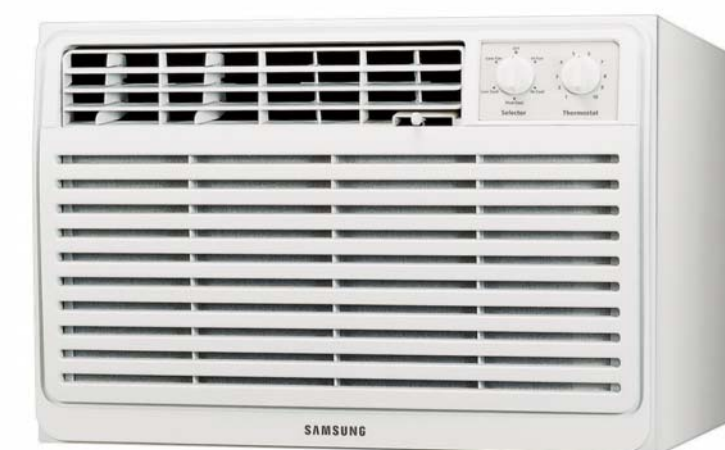
Features

- Anti-bacteria filter
- 2 way air direction
- Washable grill
- Easy-to-access filter
- 2 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	5K Btu
Cooling Only	220-240 / 50 / 1	AW05N0C

AI Series (Mechanical)



Features

- Anti-bacteria filter
- Auto swing
- 4 way air direction
- Washable grill
- Easy-to-access filter
- 2 stage fan/3 stage cool

Model

	Power Source (V/Hz/Ø)	5K Btu
Cooling Only	220/60/1	-
	220-240/50/1	AW07N0C

Middle East / Afirca Line up

H Series (Mechanical / P Grill)



Features

- Anti-bacteria filter
- Auto swing
- 4 way air direction
- Washable grill
- Easy-to-access filter
- Air ventilation
- 2 stage fan/3 stage cool

Model

	Power Source (V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Cooling Only	220-240/50/1	AW09P1C	AWT12P1A	AW18P1B	AW24P1B
	220/60/1	-	AW12P1B	-	-
	220/60/1	-	AWT12P1A	-	-

H Series (Electronic / P Grill)



Features

- Anti-bacteria filter
- Good'sleep mode
- Timer
- Energy saving mode
- Auto restart
- Auto swing
- Air ventilation
- 4 way air direction
- Washable grill
- Easy-to-access filter
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220-240/50/1	AZ09PHB	AZ12PHA	-	-
Cooling Only	220-240/50/1	AW09PKC	AWT12PHA	AW18PKB	AW24PKB
	220/60/1	-	AW12PKB	-	-
	220/60/1	-	AWT12PHA	-	-

H Series (Mechanical / F Grill)



Features

- Anti-bacteria filter
- Temperature control
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Washable grill
- Easy-to-access filter
- 2 stage fan/3 stage cool

Model

	Power Source (V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220-240/50/1	-	-	AHT19F1B	-
Cooling Only	220-240/50/1	-	-	AWT19F1B	AWT25F1B

H Series (Electronic / F Grill)



Features

- Anti-bacteria filter
- Temperature control
- Good'sleep mode
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Remote controller
- Washable grill
- Easy-to-access filter
- Energy saving mode
- Timer
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220-240/50/1	-	-	AHT19FGB	AHT25FGB
Cooling Only	220-240/50/1	-	-	AWT19FHB	AWT25FHB

Middle East / Africa Line up

M Series (Mechanical / W Grill)



Features

- Anti bacteria filter
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Washable grill
- Easy-to-access filter
- 2 stage fan/3 stage cool

Model

	Power Source (V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220~240/50/1	-	-	AHT18W1B	AHT24W1B
	220/60/1	-	-	AHT18W1B	AHT24W1B
Cooling Only	220~240/50/1	-	-	AWT18W1B	AWT24W1B
	220/60/1	-	-	AWT18W1B	AWT24W1B

M Series (Mechanical / U Grill)



Features

- Anti bacteria filter
- Silver Nano filter
- Temperature control
- Auto swing
- Air flow control step (Cool/Fan)
- 4 way air direction
- Air discharge
- Air ventilation
- Slide in/out

Model

	Power Source (V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220/60/1	-	-	AHT18U1C	-
Cooling Only	220/60/1	-	-	AWT18U1C	-

M Series (Electronic / W Grill)



Features

- Anti-bacteria filter
- Good'sleep mode
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Remote controller
- Washable grill
- Easy-to-access filter
- Energy saving mode
- Timer
- 3 stage fan/cool mode

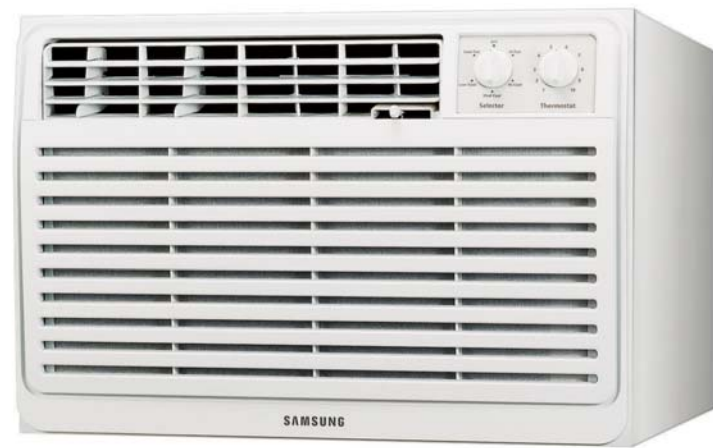
Model

	Power Source (V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220~240/50/1	-	-	AWT18WHB	AWT24WHB
Cooling Only	220/60/1	-	-	AWT18WHB	AWT24WHB



SE Asia Line up

Y Series (Mechanical)



Features

- Anti-bacteria filter
- 2 way air direction
- Washable grill
- Easy-to-access filter
- 2 stage fan/3 stage cool

Model

	Power Source (V/Hz/Ø)	12K Btu
Cooling Only	220/60/1	AW05N0B

H Series (Mechanical / P Grill)



Features

- Anti-bacteria filter
- Auto swing
- 4 way air direction
- Washable grill
- Easy-to-access filter
- 2 stage fan/3 stage cool
- Air ventilation

Model

	Power Source (V/Hz/Ø)	7K Btu	9K Btu	12K Btu	18K Btu	24K Btu
Cooling Only	220/60/1	AW07P1B	AW09P1B	AW12P1B	AW18P1B	-
	220-240/50/1	AW07P2B	AW09P2B	AW12P2B	-	-
		AW07P1A	AW09P1B	AW12P1A	AW18P1A	AW24P1A

H Series (Electronic / P Grill)

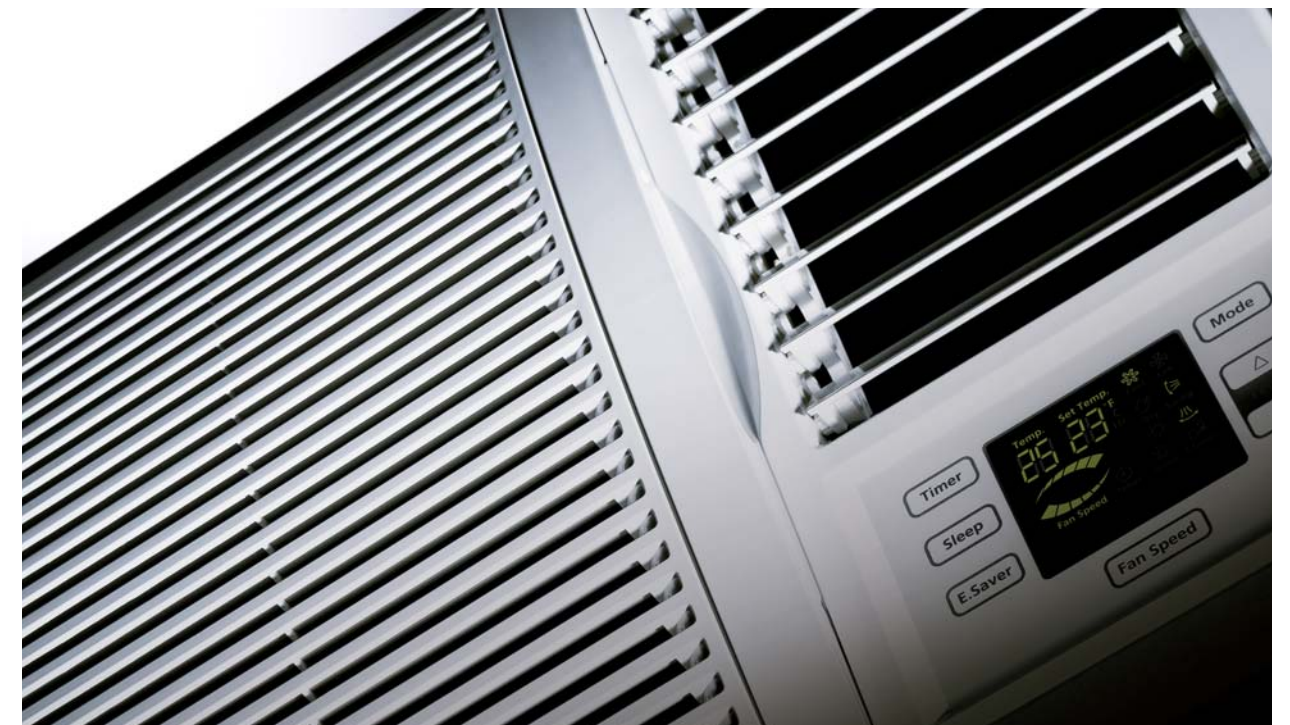


Features

- Anti-bacteria filter
- Good'sleep mode
- Timer
- Energy saving mode
- Auto swing
- Air ventilation
- 4 way air direction
- Washable grill
- Easy-to-access filter
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	7K Btu	9K Btu	12K Btu	18K Btu	24K Btu
Cooling Only	220/60/1	AW07PHB	AW09PHB	AW12PHB	-	-
	220-240/50/1	AW07PHA	AW09PHB	AW12PHA	AW18PHA	AW24PHA



India Line up

H Series (Electronic / W Grill)



Features

- Anti-bacteria filter
- Temperature control
- Bio sleep mode
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Remote controller
- Washable grill
- Easy-to-access filter
- Smart saver mode
- Timer
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	18K Btu
Cooling Only	230/50/1	AW18WSB

H Series (Electronic / Z Grill)



Features

- Anti-bacteria filter
- Temperature control
- Bio sleep mode
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Remote controller
- Washable grill
- Easy-to-access filter
- Smart saver mode
- Timer
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	12K Btu	18K Btu	24K Btu
Cooling Only	230/50/1	AW12ZKA	AW18ZKA	AW24ZKB

H Series (Electronic / Z Grill)



Features

- Anti-bacteria filter
- Temperature control
- Bio sleep mode
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Remote controller
- Washable grill
- Easy-to-access filter
- Smart saver mode
- Timer
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	12K Btu	18K Btu
Cooling Only	230/50/1	AW12ZKB	AW18ZKC

H Series (Electronic / Q Grill)



Features

- Auto blade
- Anti-bacteria filter
- Temperature control
- Bio sleep mode
- Auto swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Remote controller
- Washable grill
- Easy-to-access filter
- Energy saving mode
- Timer
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	18K Btu
Cooling Only	230/50/1	AW18QKA

Mexico / South America Line up

New Y Series (Mechanical)



Features

- Anti-bacteria filter
- Temperature control
- 2 way air direction
- Washable grill
- Easy-to-access filter
- 2 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	5K Btu
Cooling Only	115/60/1	AW05N0AD

AI Series (Electronic)



Features

- Anti-bacteria filter
- Temperature control
- Good'sleep mode
- Sleep mode
- Timer
- 4 way air direction
- Remote controller
- Washable grill
- Easy-to-access filter
- Energy saving mode
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	8K Btu
Cooling Only	115/60/1	AW08NHAB

AI Series (Mechanical)



Features

- Anti-bacteria filter
- Temperature control
- 4 way air direction
- Washable grill
- Easy-to-access filter
- Energy saving mode
- 2 stage fan / 3 stage cool mode

Model

	Power Source (V/Hz/Ø)	8K Btu
Cooling Only	115/60/1	AW08N0AD

H Series (Mechanical)



Features

- Anti-bacteria filter
- Temperature control
- Auto swing
- 4 way air direction
- Slide in/out
- Washable grill
- Easy-to-access filter
- 2 stage fan / 3 stage cool mode

Model

	Power Source (V/Hz/Ø)	12K Btu	14K Btu	18K Btu	24K Btu
Cooling Only	220/60/1	AW12P1BC AW12P0BC	AW14P1BD	AW18P1BC	AW24P1BC
	115/60/1	AW12P1AC AW12P0AC			

H Series (Electronic)



Features

- Anti-bacteria filter
- Temperature control
- Good'sleep mode
- Auto Swing
- 4 way air direction
- Air ventilation
- Slide in/out
- Remote controller
- Washable grill
- Easy-to-access filter
- Energy saving mode
- Timer
- 3 stage fan/cool mode

Model

	Power Source (V/Hz/Ø)	12K Btu	14K Btu	18K Btu	29K Btu
Cooling Only	220/60/1	AW12PKBC AW12PHBC	AW14PHBD	AW18PKBC	AW24PKBC
	115/60/1	AW12PKAC AW12PHAC	-	-	-



Floor Standing Type

Standing tall ▶▶▶

Streamlined sophistication

Nova Series

Auto Shutter

The auto shutter opens and closes smoothly, revealing the flaps of the air conditioner only when it is turned on. The auto shutter protects the air conditioner from unwanted dust particles, making an unattractive air conditioner cover unnecessary.



Deluxe Design

The sophisticated, stylish design adds to the decor of any home or office. The superior technologies built in provide the uncontested experience of absolute comfort.



Long-Range Air Conditioning

It isn't economical to have two air conditioners to cool one large area. Therefore, thanks to the long-range air-flow, instantaneous cool air is felt by all, regardless of how far they are from the air conditioner.



Wide Airflow

As a result of the horizontal and vertical flaps that move independently of one another, a greater diversity of air-flow is available depending upon your needs: direct air flow in one direction, long-range cooling, broad left-right airflow, and three-dimensional cooling.



AP28N1A

Features

- Turbo Mode
- Timer
- Auto Shutter
- Remote Controller

Remote Control & Outdoor Unit



Option

	Power Source (V/Hz/Ø)	Refrigerant	24K Btu	28K Btu
Heat Pump	200~240V/50/1 220/60/1	R22	AP28N1A -	- AP28N1A
Cooling Only	200~240V/50/1 220/60/1	R22	AP28N0A -	- AP28N0A

Streamlined sophistication

Queen Series

Powerful Large Capacity

Through revolutionary technologies, Samsung provides air conditioners with powerfully large capacities. Therefore, Samsung air conditioners can cool even the largest of rooms and offices without the excessive energy consumption of other commercially available air conditioners on the market.

Cooling	APC503QG	50k
	APC553QF	
Heat Pump	APH503QG (Heating)	55k
	APH553QF (Heating)	

* Copeland 53,000btu Recipro Compressor

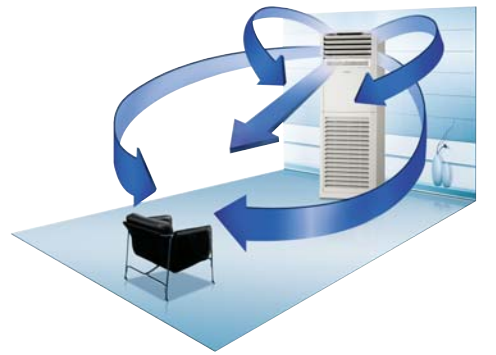
Auto Blade

When your air conditioner is turned on, the flaps open, ready to deliver pure, fresh air. When your air conditioner is turned off, however, the flaps close, impeding dust particles from entering the interior of your air conditioner when not in use.



4-Way Auto Swing

Up, down, left, right the 4-way auto swing delivers refreshingly cool air to the areas you desire in the manner you want. Whether you want the airflow aimed in a single direction or distributed broadly across the room, the choice is yours.



Long Distance Air Flow

Long Distance Air Flow provides cool comfort to those in areas farthest away from the air conditioner. Samsung recognizes that it is not only economically unsound but also wasteful in energy consumption when purchasing and turning on several air conditioners to cool a large area. Because Samsung provides you an air conditioner with long-range airflow, you can save on the cost of purchasing and operating numerous air conditioners.



Turbo Cooling System

When you enter your home or office after returning from the sweltering heat outside, you want immediate, cool relief. The turbo cooling system provides that to you, allowing you to cool down faster, contributing to higher productivity and comfort.



AP55Q1B

Features

- 4-way auto swing
- Dehumidification
- Turbo mode
- Timer
- Energy saving mode
- Auto shutter
- Remote controller
- Auto grille
- LED display
- Child care lock

Remote Control & Outdoor Unit



Option

	Power Source (V/Hz/Ø)	Refrigerant	47K Btu	48K Btu	50K Btu	52K Btu
Heat Pump	380/50/3	R22	AP50Q1A	-	-	-
	220/60/3		-	-	AP55Q1B	-
Cooling Only	380/50/3	R22	-	AP50Q0A	-	-
	380/60/3		-	-	-	AP55Q2B
	220/60/3		-	-	-	AP55Q0B

SAMSUNG

TOTAL
09
Air Conditioner



80p
MB / MB II



85p
Viace



94p
Crystal



102p
Max



114p
Neo Forte



122p
Forte



128p
WorldWide



130p
Free Joint Multi Series



133p
Pack Multi Split



140p
Window Type



158p
Floor Standing Type

Specifications

AREA			EUROPE			
MODEL NO.			AQV09A*B	AQV12A*B	AQV18AWB	AQV24AWA

MB / MB II



			S-Inverter	S-Inverter	S-Inverter	S-Inverter	
			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
			R410a	R410a	R410a	R410a	
Performance							
Capacity	Cooling	Btu/hr.	8,530	11,942	17,061	23,203	
		Cal/hr.	2,150	3,009	4,299	5,847	
		kW	2.5	3.5	5.0	6.8	
	Heating	Btu/hr.	11,942	13,649	20,473	27,297	
		Cal/hr.	3,009	3,439	5,159	6,879	
		kW	3.4	4.0	6.0	8.0	
Energy Efficiency	Cooling	EER (Btu/W)	14.7	12.3	11.6	10.3	
		EER(W/W)	4.30	3.60	3.40	3.01	
		COP(W/W)	4.30	3.64	3.61	2.84	
	Heating	EER(W/W)	4.30	3.64	3.61	2.84	
		COP(W/W)	4.30	3.64	3.61	2.84	
Moisture Removal		g /hr.	1.0	1.4	2.5	3.0	
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0	
Noise Level	Indoor High/Low	dB	31 / 20	35 / 21	40 / 30	41 / 30	
	Outdoor High	dB	45	45	53	55	
Electrical Data							
Power Source			V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	581	972	1,470	2,260	
	Heating	W	791	1,100	1,660	2,810	
Operating Current	Cooling	A	3.0	4.7	6.8	10.6	
	Heating	A	4.0	5.2	7.7	13.0	
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	900x304x185	900x304x185	1100x307x225	1100x307x225	
	Outdoor	mm	790x548x285	790x548x285	880x638x310	880x638x310	
Net Weight	Indoor	kg	10.2	10.2	12.7	12.7	
	Outdoor	kg	-	-	-	52	
Shipping Weight	Indoor	kg	12.6	12.6	15.8	15.8	
	Outdoor	kg	-	-	-	55.6	
Loading Q'ty	W Pipe	20/40ft/jumbo	-	-	58/121/138	58/121/138	
	W/O Pipe	20/40ft/jumbo	86/182/208	88/187/223	54/115/129	54/115/129	
Technical Information							
SVC Valve	Liquid	ODxL	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m	
	Gas	ODxL	ø9.52mmx7.5m	ø9.52mmx7.5m	ø12.7mmx7.5m	ø15.88mmx5m	
Piping Length	STD	m	7.5	7.5	7.5	5.0	
	Max	m	15	15	30	30	
Piping Height	Max	m	8	8	15	15	
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		-	-	-	-	
Operating Mode	Deodorizing Filter		•	•	•	•	
	Digital i Plus		-	-	-	-	
Convenience	Dehumidification		•	•	•	•	
	Turbo Mode		•	•	•	•	
	Timer		•	•	•	•	
	Energy Saving Mode		•	•	•	•	
	Auto Restart		•	•	•	•	
	Auto Changeover		•	•	•	•	
Air Control	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 Control	Remote Controller		•	•	•	•	
	Auto Clean (self cleaning)		•	•	•	•	
ETC.	Compressor Type		TWIN	TWIN	TWIN	TWIN	
Low Ambient	Cooling	°C	-10-43	-10-43	-10-43	-10-43	
	Heating	°C	-15-24	-15-24	-15-24	-15-24	

CIS				SE ASIA		AMERICA	
AQV09A*BSE	AQV12A*BSE	AQ09A*ANSE	AQ12A*ANSE	AQV10AWANXST	AQV13AWANXST	AS12AWBANXAX	AS18AWBANXAX

		S-Inverter	S-Inverter	HP	HP	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	220/60/1	220/60/1	
		R410a	R410a	R22	R22	R410a	R410a	R22	R22	
Performance										
Capacity	Cooling	Btu/hr.	8,530	11,942	9,000	12,000	8,530	11,942	12,400	18,000
		Cal/hr.	2,150	3,009	2,322	3,009	2,150	3,009	3,125	4,536
		kW	2.5	3.5	2.7	3.5	2.5	3.5	3.63	5.10
	Heating	Btu/hr.	11,601	13,649	10,000	13,000	11,601	13,649	-	-
		Cal/hr.	2,924	3,439	2,494	3,267	2,924	3,439	-	-
		kW	3.4	4.0	2.9	3.8	3.4	4.0	-	-
Energy Efficiency	Cooling	EER (Btu/W)	14.7	12.3	9.80	9.55	-	-	10.00	9.47
		EER(W/W)	4.30	3.60	2.87	2.80	4.10	3.40	2.93	2.78
		COP(W/W)	4.30	3.64	3.30	3.22	4.30	3.64	-	-
	Heating	EER(W/W)	4.30	3.64	3.30	3.22	4.30	3.64	-	-
		COP(W/W)	4.30	3.64	3.30	3.22	4.30	3.64	-	-
Moisture Removal		g /hr.	1.0	1.4	1.0	1.3	1.0	1.4	1.3	1.9
Air Circulation (Max)		m³/min	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	32 / 24	35 / 26	31/20	31/21	35 / 26	39 / 32
	Outdoor High	dB	45	45	45	45	45.0	45.0	45	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	220/60/1	220/60/1	
Power Consumption	Cooling	W	581	972	940	1,250	610	1,030	1,240	1,900
	Heating	W	791	1,100	880	1,180	791	1,100	-	-
Operating Current	Cooling	A	3.0	4.7	4.3	5.6	3.0	4.7	5.7	9
	Heating	A	4.0	5.2	3.9	5.3	4.0	5.2	-	-
Dimension & Loading Q'ty										
Net Dimension (WxHxD)	Indoor	mm	900x304x185	900x304x185	900x304x185	900x304x185	900x304x185	900x304x185	900x304x185	1,100x307x225
	Outdoor	mm	790x548x285	790x548x285	660x470x240	720x548x265	790x548x285	790x548x285	720x548x265	790x548x285
Net Weight	Indoor	kg	10.2	10.2	10.2	10.2	10.2	10.2	10.2	12.7
	Outdoor	kg	-	-	26	33.8	32.6	32.6	33.8	39
Shipping Weight	Indoor	kg	12.6	12.6	11.5	11.5	12.6	12.6	11.5	16
	Outdoor	kg	-	-	27.5	35	35.4	35.4	35	43
Loading Q'ty	W Pipe	20/40ft/jumbo	-	-	116/234/266	96/195/216	-	-	96/195/216	66/144/166
	W/O Pipe	20/40ft/jumbo	86/182/208	88/187/223	120/246/291	102/214/230	86/182/208	86/182/208	102/214/230	69/150/168
Technical Information										
SVC Valve	Liquid	ODxL	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø9.52mmx7.5m	ø9.52mmx7.5m	ø12.7mmx7.5m	ø12.7mmx5m	ø9.52mmx7.5m	ø9.52mmx7.5m	ø12.7mmx5m	ø12.7mmx5m
Piping Length	STD	m	7.5	7.5	5.0	5.0	7.5	7.5	5.0	5.0
	Max	m	15	15	30	15	15	15	15	15
Piping Height	Max	m	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		-	-	-	-	-	-	-	-
Operating Mode	Deodorizing Filter		•	•	•	•	•	•	•	•
	Digital i Plus		-	-	-	-	-	-	-	-
Convenience	Dehumidification		•	•	•	•	•	•	•	•
	Turbo Mode		•	•	•	•	•	•	•	•
	Timer		•	•	•	•	•	•	•	•
	Energy Saving Mode		•	•	•	•	•	•	•	•
	Auto Restart		•	•	•	•	•	•	•	•
	Auto Changeover		•	•	•	•	•	•	-	-
Air Control	Auto Wind		•	•	•	•	•	•	•	•
	Air Flow Control Steps (Cool/Fan)		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
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
	Auto Grille		•	•	-	-	•	•	-	-
Remote Control	Remote Controller		•	•	•	•	•	•	•	•
	Auto Clean (self cleaning)		•	•	•	•	•	•	•	•
ETC.	Compressor Type		TWIN	TWIN	TWIN	TWIN	TWIN	TWIN	TWIN	
Low Ambient	Cooling	°C	-10-43	-10-43	-10-43	-10-43	-10-43	-10-43	-	-
	Heating	°C	-15-24	-15-24	-5-24	-5-24	-15-24	-15-24	-	-

AREA			ME AFRICA			
MODEL NO.			AS18DWA	AS24DWA	AQ18DWA	AQ24DWA

MB / MB II



			CO	CO	HP	HP
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	18,000	24,000	1,800	24,000
		Cal/hr.	4,385	5,847	4,385	5,847
		kW	5.10	6.80	5.10	6.80
	Heating	Btu/hr.	-	-	20,000	24,000
		Cal/hr.	-	-	5,039	6,046
		kW	-	-	5.86	7.03
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		g /hr.	1.9	2.6	1.9	2.6
Air Circulation (Max)		m³/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
Technical Information						
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		-	-	-	-
Operating Mode	Deodorizing Filter		•	•	•	•
	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
	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	-	-	-	-

AREA			EUROPE			
MODEL NO.			AQV09VBE	AQV12VBE	AQV18VBE	AQV24VBC

Vivace



			S Inverter	S Inverter	S Inverter	S Inverter
Power Source		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Refrigerant Type			R410a	R410a	R410a	R410a
Performance						
Capacity	Cooling	Btu/hr.	8,531	11,943	17,062	23,204
		kCal/hr.	2,150	3,009	4,299	5,847
		kW	2.5	3.5	5.0	6.8
	Heating	Btu/hr.	11,943	13,650	20,474	27,299
		kCal/hr.	3,009	3,439	5,159	6,878
		kW	3.5	4.0	6.0	8.0
Energy Efficiency	Cooling	EER (Btu/W)	14.0	11.6	11.0	10.3
		EER(W/W)	4.10	3.40	3.21	3.01
	Heating	COP(W/W)	4.10	3.64	3.41	2.81
Moisture Removal		/hr.	1.0	1.4	2.5	3.0
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0
Noise Level	Indoor High/Low	dB	31/21	35 / 21	40 / 30	41 / 30
	Outdoor High	dB	45	45	53	55
Electrical Data						
Power Source		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	610	1,030	1,560	2,260
	Heating	W	850	1,100	1,760	2,850
Operating Current	Cooling	A	3.0	5.0	7.0	10.6
	Heating	A	4.5	5.5	8.0	13.0
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	1,065x298x218	1,065x298x218
	Outdoor	mm	790x548x285	790x548x285	880x638x310	880x638x310
Net Weight	Indoor	kg	9.0	9.0	13.0	13.0
	Outdoor	kg	32.6	32.6	51	51
Shipping Weight	Indoor	kg	11.0	11.0	16.0	16.0
	Outdoor	kg	35.4	35.4	53	53
Loading Q'ty	W Pipe	20/40ft/jumbo	91/193/216	91/193/216	61/128/150	61/128/150
	W/O Pipe	20/40ft/jumbo	101/209/233	101/209/233	66/138/153	66/138/153
Technical information						
SVC Valve	Liquid	ODxL	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m
	Gas	ODxL	ø9.52mmx7.5m	ø9.52mmx7.5m	ø12.7mmx7.5m	ø15.88mmx5m
Piping Length	STD	m	7.5	7.5	7.5	5
	Max	m	15	15	30	30
Piping Height	Max	m	8	8	15	15
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		•	•	•	•
Operating Mode	Deodorizing Filter		•	•	•	•
	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
	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		TWIN	TWIN	TWIN	TWIN
Low Ambient	Cooling	°C	-10-43	-10-43	-10-43	-10-43
	Heating	°C	-15-24	-15-24	-15-24	-15-24

AREA	AMERICA			
	MODEL NO.	AQV12VBEKCV	AQV18VBEKCV	AQV24VBENKCV

Vivace



		Smart Inverter	Smart Inverter	Smart Inverter	CO	
		220~240/50/1	220/60/1	220/60/1	220/60/1	
		R410a	R410a	R410a	R22	
Performance						
Capacity	Cooling	Btu/hr.	12,000	18,000	24,000	12,000
		Cal/hr.	3,024	4,536	6,803	3,024
		kW	3.5	5.3	7.0	3.52
	Heating	Btu/hr.	13,600	20,500	27,000	-
		Cal/hr.	3,427	5,159	7.9	-
		kW	4.0	6.0	7.9	-
Energy Efficiency	Cooling	EER (Btu/W)	11.43	10.59	9.23	10.00
		EER(W/W)	3.35	3.10	2.70	2.63
		COP(W/W)	3.53	3.24	2.82	-
	Heating	EER(W/W)	3.53	3.24	2.82	-
		COP(W/W)	3.53	3.24	2.82	-
Moisture Removal		g /hr.	1.4	2.5	3.0	1.5
Air Circulation (Max)		m ³ /min	9.0	13.0	15.0	9.4
Noise Level	Indoor High/Low	dB	35 / 21	40 / 30	41 / 30	36/26
	Outdoor High	dB	45	53	55	46
Electrical Data						
Power Source		V/Hz/ø	208~230/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	1,050	1,700	2,700	1,340
	Heating	W	1,130	1,850	2,900	-
Operating Current	Cooling	A	5.2	7.5	12.0	6.2
	Heating	A	5.5	8.2	13.0	-
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825x285x189	1,065x298x214	1,065x298x214	825x285x189
	Outdoor	mm	790x548x285	880x638x310	880x638x310	660x470x240
Net Weight	Indoor	kg	9.0	13.0	13.0	9.0
	Outdoor	kg	32.6	52	52	26.0
Shipping Weight	Indoor	kg	11.0	16.0	16.0	11.0
	Outdoor	kg	35.4	55.6	55.6	27.5
Loading Q'ty	W Pipe	20/40ft/jumbo	91/193/216	61/128/150	61/128/150	116/240/273
	W/O Pipe	20/40ft/jumbo	101/209/233	66/138/153	66/138/153	136/280/303
Technical Information						
SVC Valve	Liquid	ODxL	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m
	Gas	ODxL	ø9.52mmx7.5m	ø12.7mmx7.5m	ø15.88mmx7.5m	ø12.7mmx5m
Piping Length	STD	m	7.5	7.5	7.5	5
	Max	m	15	30	30	15
Piping Height	STD	m	8	15	15	7
	Max	m	8	15	15	7
Refrigerant		G	900	1450	1450	-
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	Deodorizing Filter		-	-	-	•
	Digital i Plus		-	-	-	-
	Dehumidification		•	•	•	•
Operating Mode	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
Convenience	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	-
	Auto Wind		•	•	•	•
Air Flow Control	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	TWIN	TWIN	ROTARY
Low Ambient	Cooling	°C	-10~43	-10~43	-10~43	-
	Heating	°C	-15~24	-15~24	-15~24	-

AMERICA		OCEANIA				CIS	
AS18VBBCNXAP	AS24VBBCNXAP	AQV09VSC(D)	AQV12VSC(D)	AQV18VSC(D)	AQV24VSC(D)	AQV24VSG	AQ09V*CNSER

		CO	CO	S Inverter	S Inverter	S Inverter	S Inverter	S Inverter	HP	
		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	
		R22	R22	R410a	R410a	R410a	R410a	R410a	R22	
Performance										
Capacity	Cooling	Btu/hr.	18,000	23,200	8,531	11,943	17,062	23,204	23,204	9,300
		Cal/hr.	4,385	5846	2,150	3,009	4,299	5,847	5,847	2,344
		kW	5.1	6.8	2.5	3.5	5.0	6.8	6.8	2.7
	Heating	Btu/hr.	-	-	11,943	13,650	20,474	27,299	27,299	9,500
		Cal/hr.	-	-	3,009	3,439	5,159	6,878	6,878	2,394
		kW	-	-	3.5	4.0	6.0	8.0	8.0	2.8
Energy Efficiency	Cooling	EER (Btu/W)	9.70	8.9	14.0	11.6	11.0	10.3	11.0	9.30
		EER(W/W)	2.75	2.62	4.10	3.40	3.21	3.01	3.21	2.73
		COP(W/W)	-	-	4.10	3.64	3.41	2.81	3.42	3.09
	Heating	EER(W/W)	1.9	2.5	1.0	1.4	2.5	3.0	3.0	1.0
		COP(W/W)	15	15	8.0	9.0	13.0	15.0	19.0	8
			40/32	42/35	31/21	35 / 21	40 / 30	41 / 30	43 / 30	32 / 24
Noise Level	Indoor High/Low	dB	52	55	45	45	53	55	55	46
	Outdoor High	dB	52	55	45	45	53	55	55	46
Electrical Data										
Power Source		V/Hz/ø	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	1,856	2,600	610	1,030	1,560	2,260	2,120	1,000
	Heating	W	-	-	853	1,100	1,760	2,850	2,340	900
Operating Current	Cooling	A	9	-	3.0	4.8	7.0	10.6	9.5	4.5
	Heating	A	-	-	4.5	5.2	8.0	13.0	10.2	4.0
Dimension & Loading Q'ty										
Net Dimension (WxHxD)	Indoor	mm	825x285x189	1,065x298x214	825x285x189	825x285x189	1,065x298x214	1,065x298x214	1,065x298x218	825x285x189
	Outdoor	mm	790x548x285	880x638x310	790x548x285	790x548x285	880x638x310	880x638x310	880x798x310	660x470x240
Net Weight	Indoor	kg	9.0	13.0	9.0	9.0	13.0	13.0	13.0	9.0
	Outdoor	kg	39.0	41.0	32.6	32.6	52	52	59.2	26
Shipping Weight	Indoor	kg	11.0	16.0	11.0	11.0	16.0	16.0	16.0	11.0
	Outdoor	kg	43.0	45.0	35.4	35.4	53	53	64.8	27.5
Loading Q'ty	W Pipe	20/40ft/jumbo	91/193/216	82/170/197	91/193/216	91/193/216	61/128/150	61/128/150	61/128/150	116/240/273
	W/O Pipe	20/40ft/jumbo	101/209/233	82/170/197	101/209/233	101/209/233	66/138/153	66/138/153	66/138/153	136/280/300
Technical Information										
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx5m
	Gas	ODxL	ø12.7mmx5m	ø15.88mmx5m	ø9.52mmx7.5m	ø9.52mmx7.5m	ø12.7mmx7.5m	ø15.88mmx7.5m	ø15.88mmx7.5m	ø9.52mmx5m
Piping Length	STD	m	5	5	7.5	7.5	7.5	7.5	7.5	5
	Max	m	15	20	15	15	30	30	30	15
Piping Height	STD	m	8	8	8	8	15	15	15	7
	Max	m	8	8	8	8	15	15	15	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	Deodorizing Filter		-	-	-	-	-	-	-	•
	Digital i Plus		-	-	-	-	-	-	-	-
	Dehumidification		•	•	•	•	•	•	•	•
Operating Mode	Turbo Mode		•	•	•	•	•	•	•	•
	Timer		•	•	•	•	•	•	•	•
	Energy Saving Mode		•	•	•	•	•	•	•	•
Convenience	Auto Restart		•	•	•	•	•	•	•	•
	Auto Changeover		•	•	•	•	•	•	•	-
	Auto Wind		•	•	•	•	•	•	•	•
Air Flow Control	Air Flow Control Steps (Cool/Fan)		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
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
Auto Grille		•	•	•	•	•	•	•	•	
Remote Controller		•	•	•	•	•	•	•	•	
Auto Clean (self cleaning)		•	•	•	•	•	•	•	•	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	TWIN	TWIN	TWIN	ROTARY
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	-

AREA	ME AFRICA			
	MODEL NO.	AS24VWCHAC	AQ09VWC*	AQ12VWC*

Vivace



			CO	HP	HP	HP
			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	24,000	9,000	12,000	12,000
		Cal/hr.	5,847	2,322	3,024	3,024
		kW	6.8	2.7	3.50	3.50
		Heating	Btu/hr.	-	10,000	13,000
Energy Efficiency	Cooling	Cal/hr.	-	2,494	3,267	3,267
		kW	-	2.9	3.80	3.80
		EER (Btu/W)	9.23	9.18	9.52	9.52
		EER(W/W)	2.62	2.76	2.78	2.78
Moisture Removal	Heating	COP(W/W)	-	3.22	3.23	3.23
		g /hr.	2.6	1.0	1.5	1.5
Air Circulation (Max)		m³/min	17	8	9.3	9.3
Noise Level	Indoor High/Low	dB	42/35	32/24	36/26	36/26
	Outdoor High	dB	55	46	46	46
Electrical Data						
Power Source			V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	2,600	980	1,260	1,260
	Heating	W	-	900	1,180	1,180
Operating Current	Cooling	A	12.5	4.6	5.8	5.8
	Heating	A	-	4.1	5.3	5.3
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	1,065x298x214	825x285x189	825x285x189	825x285x189
	Outdoor	mm	790x548x285	660x470x240	660x495x240	660x495x240
Net Weight	Indoor	kg	13.0	9.0	9.0	9.0
	Outdoor	kg	41.0	26.0	28.0	28.0
Shipping Weight	Indoor	kg	16.0	11.0	11.0	11.0
	Outdoor	kg	45.0	27.5	30.0	30.0
Loading Q'ty	W Pipe	20/40ft/jumbo	82/170/197	116/240/273	116/240/268	116/240/268
	W/O Pipe	20/40ft/jumbo	82/170/197	136/280/303	126/262/294	126/262/294
Technical Information						
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø15.88mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m
Piping Length	STD	m	5	5	5	5
	Max	m	20	15	15	15
Piping Height	Max	m	8	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			•	•	•	•
	Digital i Plus		-	-	-	-
Operating Mode	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	-	-	-	-

ME AFRICA							
AQ18VWC*	AQ18VWE*	AQ18VWCHAC	AQ24VWC*	AQ24VWCHAC	AS18VWC	AS24VWC	AQ18VWC

HP	HP	HP	HP	HP	CO	CO	HP
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
R22	R22	R22	R22	R22	R22	R22	R22
Performance							
18,000	18,000	18,000	24,000	24,000	18,000	24,000	18,000
4,385	4,385	4,385	5,847	5,847	4,385	5,847	4,385
5.1	5.1	5.1	6.8	6.8	5.1	6.8	5.1
20,000	20,000	20,000	24,000	24,000	-	-	20,000
4,815	4,815	4,815	6,019	6,019	-	-	4,815
5.60	5.60	5.60	7.00	7.00	-	-	5.60
9.47	9.47	9.47	9.23	9.23	9.47	9.23	9.47
2.68	2.68	2.68	2.62	2.62	2.68	2.62	2.68
2.95	2.95	2.95	2.64	2.69	3.26	-	3.26
1.9	1.9	1.9	2.6	2.6	1.9	2.6	1.9
15	15	15	17	17	15	17	15
40/32	40/32	40/32	42/35	42/35	40/32	42/35	40/32
52	52	52	55	55	52	55	52
Electrical Data							
Power Source			V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220/60/1
Power Consumption	Cooling	W	1,900	1,900	1,900	2,600	1,900(2,250)
	Heating	W	-	900	1,180	1,180	-
Operating Current	Cooling	A	9	9	9	12.5	8.8(10.1)
	Heating	A	-	9	12.5	12.5	12
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	1,065x298x214	825x285x189	825x298x214	1,065x298x214	1,065x298x214
	Outdoor	mm	790x548x285	660x470x240	660x495x240	790x548x285	790x548x285
Net Weight	Indoor	kg	13.0	9.0	13.0	13.0	13.0
	Outdoor	kg	39.0	26.0	41.0	41.0	39.0
Shipping Weight	Indoor	kg	16.0	11.0	16.0	16.0	16.0
	Outdoor	kg	43.0	27.5	45.0	45.0	43.0
Loading Q'ty	W Pipe	20/40ft/jumbo	82/170/197	116/240/273	116/240/268	82/170/197	82/170/197
	W/O Pipe	20/40ft/jumbo	82/170/197	136/280/303	126/262/294	82/170/197	82/170/197
Technical Information							
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m
Piping Length	STD	m	5	5	5	5	5
	Max	m	15	15	20	20	15
Piping Height	Max	m	8	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			•	•	•	•	•
	Digital i Plus		-	-	-	-	-
Operating Mode	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
Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	
Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
Auto Grille			•	•	•	•	•
Remote Controller			•	•	•	•	•
Auto Clean (self cleaning)			•	•	•	•	•
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	-	-	-	-	-
	Heating	°C	-	-	-	-	-

AREA			SE ASIA			
MODEL NO.			AS09ELNXSS	AS12ELNXSS	AS18ELNXSS	AS24ELNXSS

Crystal



			CO	CO	CO	CO	
Power Source			V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Refrigerant Type			R22	R22	R22	R22	
Performance							
Capacity	Cooling	Btu/hr.	9,200	12,600	18,000	24,000	
		Cal/hr.	-	-	-	-	
		kW	-	-	-	-	
	Heating	Btu/hr.	-	-	-	-	
		Cal/hr.	-	-	-	-	
		kW	-	-	-	-	
Energy Efficiency	Cooling	EER(Btu/W)	11.50	11.50	11.30	9.93	
		EER(W/W)	3.37	3.37	3.31	2.91	
	Heating	COP(W/W)	-	-	-	-	
Moisture Removal		g /hr.	1.0	1.5	2.0	2.5	
Air Circulation (Max)		m ³ /min	8.0	11.0	14.0	15.0	
Noise Level	Indoor High/Low	dB	36/26	37/26	42/32	44/35	
	Outdoor High	dB	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
Power Consumption	Cooling	W	800	1,096	1,594	2,417	
	Heating	W	-	-	-	-	
Operating Current	Cooling	A	2.9	5.2	7.5	10.5	
	Heating	A	-	-	-	-	
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	820x285x190	890x285x190	1,065x298x222	1,065x298x222	
	Outdoor	mm	660x470x240	660x470x240	880x648x310	790x548x285	
Net Weight	Indoor	kg	8.2	9.2	13	13	
	Outdoor	kg	22.5	25.1	49	43.5	
Shipping Weight	Indoor	kg	9.6	11.2	16	16	
	Outdoor	kg	24.5	27.1	53	46.5	
Loading Q'ty	W Pipe	20/40ft/jumbo	112/240/266	120/252/274	63/130/150	71/147/162	
	W/O Pipe	20/40ft/jumbo	123/253/285	129/265/299	61/130/145	73/153/176	
Technical Information							
SVC Valve	Liquid	ODxL	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	
Piping Length	STD	m	5	5	5	5	
	Max	m	15	15	15	20	
Piping Height	Max	m	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		•	•	•	•	
Operating Mode	Deodorizing Filter		•	•	•	•	
	Comfort Care		-	-	-	-	
	Smart Saver		•	•	•	•	
	Dehumidification		•	•	•	•	
	Turbo Mode		•	•	•	•	
	Timer		•	•	•	•	
Convenience	Auto Restart		•	•	•	•	
	Auto Changeover		-	-	-	-	
	Filter Cleaning Indicator		-	-	-	-	
	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		
Remote Controller		•	•	•	•		
Auto Clean (self cleaning)		•	•	•	•		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	-	
	Heating	°C	-	-	-	-	

SE ASIA							
AS09ELNXME	AS12ELNXME	AS18ELNXME	AS24ELNXME	AS09ELNXSV	AS12ELNXSV	AS18ELNXSV	AS24ELNXSV

			CO	CO	CO	CO	CO	CO	CO	
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	
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	
Performance										
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000
		Cal/hr.	-	-	-	-	-	-	-	-
		kW	-	-	-	-	-	-	-	
	Heating	Btu/hr.	-	-	-	-	-	-	-	
		Cal/hr.	-	-	-	-	-	-	-	
		kW	-	-	-	-	-	-	-	
Energy Efficiency	Cooling	EER(Btu/W)	11.25	10.72	10.00	10.20	11.25	10.72	10.00	10.20
		EER(W/W)	3.30	3.14	2.93	2.99	3.30	3.14	2.93	2.99
	Heating	COP(W/W)	-	-	-	-	-	-	-	-
Moisture Removal		g /hr.	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Air Circulation (Max)		m ³ /min	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
	Outdoor High	dB	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	
Power Consumption	Cooling	W	800	1,120	1,800	2,352	800	1,120	1,800	2,352
	Heating	W	-	-	-	-	-	-	-	-
Operating Current	Cooling	A	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	820x285x190	890x285x190	1,065x298x222	820x285x190	820x285x190	890x285x190	1,065x298x222
	Outdoor	mm	660x470x240	660x470x240	790x548x285	880x648x310	660x470x240	660x470x240	790x548x285	880x648x310
Net Weight	Indoor	kg	8.2	8.9	9.2	13	8.2	8.9	9.2	13
	Outdoor	kg	21.7	24.9	38	51	21.7	24.9	38	51
Shipping Weight	Indoor	kg	9.6	10.3	11.2	16	9.6	10.3	11.2	16
	Outdoor	kg	23.7	26.9	41	55	23.7	26.9	41	55
Loading Q'ty	W Pipe	20/40ft/jumbo	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	123/253/285	84/165/187	61/130/145	123/253/285	123/253/285	84/165/187	61/130/145
Technical Information										
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	
	Gas	ODxL	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø15.9mmx5.0m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	
Piping Length	STD	m	5	5	5	5	5	5	5	
	Max	m	15	15	15	20	15	15	15	
Piping Height	Max	m	7	7	8	8	7	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		•	•	•	•	•	•	•	•
Operating Mode	Deodorizing Filter		•	•	•	•	•	•	•	•
	Comfort Care		-	-	-	-	-	-	-	-
	Smart Saver		•	•	•	•	•	•	•	•
	Dehumidification		•	•	•	•	•	•	•	•
	Turbo Mode		•	•	•	•	•	•	•	•
	Timer		•	•	•	•	•	•	•	•
Convenience	Auto Restart		•	•	•	•	•	•	•	•
	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
Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
Remote Controller		•	•	•	•	•	•	•	•	
Auto Clean (self cleaning)		•	•	•	•	•	•	•	•	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	
	Heating	°C	-	-	-	-	-	-	-	

AREA	INDIA	
	MODEL NO.	AS12EFAXTL AS18EFAXTL

Crystal



			AS12EFAXTL	AS18EFAXTL
Power Source	V/Hz/ø		220-240/50/1	220-240/50/1
Refrigerant Type			R22	R22
Performance				
Capacity	Cooling	Btu/hr.	3,600	5,300
		Cal/hr.	-	-
		kW	-	-
Heating	Btu/hr.	-	-	
	Cal/hr.	-	-	
	kW	-	-	
Energy Efficiency	Cooling	EER (Btu/W)	-	-
		EER(W/W)	3.05	2.98
		COP(W/W)	-	-
Moisture Removal	Heating	µ /hr.	1.5	2.0
		m ³ /min	10.0	14.0
Air Circulation (Max)				
Noise Level	Indoor High/Low	dB	37/27	38/29
	Outdoor High	dB	49	52
Electrical Data				
Power Source	V/Hz/ø		230/50/1	230/50/1
Power Consumption	Cooling	W	1,180	1,780
	Heating	W	-	-
Operating Current	Cooling	A	5.1	8.0
	Heating	A	-	-
Dimension & Loading Q'ty				
Net Dimension (WxHxD)	Indoor	mm	890x286x190	1,065x298x222
	Outdoor	mm	720x548x285	790x548x285
Net Weight	Indoor	kg	9	12
	Outdoor	kg	30	35
Shipping Weight	Indoor	kg	11	15
	Outdoor	kg	34	39
Loading Q'ty	W Pipe	20/40ft/jumbo	100/211/235	97/202/228
	W/O Pipe	20/40ft/jumbo	-	-
Technical Information				
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m
Piping Length	STD	m	5	5
	Max	m	15	15
Piping Height	Max	m	7	8
Refrigerant		G	-	-
Add Refrigerant		g/m	-	-
Features				
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		•	•
Operating Mode	Deodorizing Filter		•	•
	Comfort Care		•	•
	Smart Saver		•	•
	Dehumidification		•	•
	Turbo Mode		•	•
	Timer		•	•
	Auto Restart		•	•
Convenience	Auto Changeover		-	-
	Filter Cleaning Indicator		-	-
	Auto Wind		•	•
	Air Flow Control Steps (Cool/Fan)		•	•
	Air Direction Control (Up/Down)		•	•
	Air Direction Control (Left/Right)		MANUAL	MANUAL
	Remote Controller		•	•
ETC.	Compressor Type		ROTARY	ROTARY
Low Ambient	Cooling	°C	21	21
	Heating	°C	-	-

INDIA			
AS18ETAXTL	AS24ETAXTL	AS12EXAXTL	AS18EXAXTL

Power Source	V/Hz/ø		
Refrigerant Type			
Performance			
Capacity	Cooling	Btu/hr.	5,150 6,500 3,650 5,350
		Cal/hr.	-
		kW	-
Heating	Btu/hr.	-	-
	Cal/hr.	-	-
	kW	-	-
Energy Efficiency	Cooling	EER (Btu/W)	-
		EER(W/W)	2.88 2.83 3.12 3.11
		COP(W/W)	-
Moisture Removal	Heating	µ /hr.	2.0 2.5 1.5 2
		m ³ /min	13.0 15.0 10 14
Air Circulation (Max)			
Noise Level	Indoor High/Low	dB	38/29 40/36 37/27 38/29
	Outdoor High	dB	52 54 49 52
Electrical Data			
Power Source	V/Hz/ø		
Power Consumption	Cooling	W	1,790 2,300 1,170 1,720
	Heating	W	-
Operating Current	Cooling	A	8.0 10.2 4.9 7.6
	Heating	A	-
Dimension & Loading Q'ty			
Net Dimension (WxHxD)	Indoor	mm	890x286x190 1,065x298x222 890x286x190 1,065x298x222
	Outdoor	mm	790x548x285 880x638x310 790x548x285 880x638x310
Net Weight	Indoor	kg	10 12 10 12
	Outdoor	kg	35 47 35 45
Shipping Weight	Indoor	kg	12 15 12 15
	Outdoor	kg	39 51 39 49
Loading Q'ty	W Pipe	20/40ft/jumbo	97/202/228 66/138/152 97/202/228 66/138/152
	W/O Pipe	20/40ft/jumbo	-
Technical Information			
SVC Valve	Liquid	ODxL	ø6.35mmx5m ø6.35mmx5m ø6.35mmx5m ø6.35mmx5m
	Gas	ODxL	ø12.7mmx5m ø12.7mmx5m ø12.7mmx5m ø12.7mmx5m
Piping Length	STD	m	5 5 5 5
	Max	m	15 15 15 15
Piping Height	Max	m	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		-
	Anti Bacteria Evaporator		•
Pure & Clean Air	DNA Filter		-
	Pure Filter (HAF Filter)		-
	Catechin Filter		•
Operating Mode	Deodorizing Filter		•
	Comfort Care		•
	Smart Saver		•
	Dehumidification		•
	Turbo Mode		•
	Timer		•
	Auto Restart		•
Convenience	Auto Changeover		-
	Filter Cleaning Indicator		-
	Auto Wind		•
	Air Flow Control Steps (Cool/Fan)		•
	Air Direction Control (Up/Down)		•
	Air Direction Control (Left/Right)		MANUAL
	Remote Controller		•
ETC.	Compressor Type		ROTARY
Low Ambient	Cooling	°C	21 21 21 21
	Heating	°C	-

AREA	EUROPE		CIS	
	MODEL NO.	AQ18UGAEUR	AQ24UGAEUR	AQ09RASER

MAX



			HP	HP	HP	HP
			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
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	18,000	23,200	9,000	12,000
		Cal/hr.	4,536	5,847	2,268	3,024
		kW	5.27	6.80	2.64	3.52
	Heating	Btu/hr.	19,500	24,500	9,500	13,000
		Cal/hr.	4,914	6,174	2,394	3,276
		kW	5.71	7.18	2.78	3.81
Energy Efficiency	Cooling	EER (Btu/W)	9.5	9.3	9.2	9.5
		EER(W/W)	2.78	2.72	2.69	2.79
	Heating	COP(W/W)	3.01	2.71	3.02	3.28
Moisture Removal	l /hr.	1.8	2.4	1.0	1.5	
Air Circulation (Max)	m³/min	13.0	17.0	7.0	9.5	
Noise Level	Indoor High/Low	dB	40/32	42/33	32/24	35/26
	Outdoor High	dB	52	54	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
Power Consumption	Cooling	W	1,900	2,500	980	1,260
	Heating	W	1,900	2,650	923	1,160
Operating Current	Cooling	A	9.0	12.0	4.6	5.8
	Heating	A	9.0	12.5	4.2	5.3
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	890x285x190	1,065x298x222	728x255x185	820x285x190
	Outdoor	mm	790x285x548	880x638x310	660x475x242	660x475x242
Net Weight	Indoor	kg	9.2	13	6.8	8.7
	Outdoor	kg	39	56	25	25
Shipping Weight	Indoor	kg	11.5	16	8.3	10.6
	Outdoor	kg	43	58	29	29.0
Loading Q'ty	W Pipe	20/40ft/jumbo	90/188/210	61/130/150	128/276/304	123/252/280
	W/O Pipe	20/40ft/jumbo	97/202/228	66/138/152	142/299/336	130/270/302
Technical Information						
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø12.7mmx5m	ø15.8mmx5m	ø9.52mmx5m	ø12.7mmx5m
Piping Length	STD	m	5	5	5	5
	Max	m	15	20	15	15
Piping Height	Max	m	8	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		-	-	-	-
Operating Mode	Deodorizing Filter		-	-	-	-
	Comfort Care		-	-	-	-
	Smart Saver		•	•	•	•
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
Convenience	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
	Filter Cleaning Indicator		-	-	-	-
	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
Remote Controller	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL
			•	•	•	•
	Auto Clean (self cleaning)		-	-	-	-
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	15-43	15-43	15-43	15-43
	Heating	°C	-5-24	-5-24	-5-24	-5-24

CIS						AMERICA		
AQ18UASER	AQ24UASER	AQ07RLNSER	AQ09RLNSER	AQ12ULNSER	AQ18ULNSER	AQ12UBANXAX	AQ18UBANXAX	AQ24UBANXAX

						HP	HP	HP	
						220-240/50/1	220-240/50/1	220-240/50/1	
Power Source	V/Hz/ø					220/60/1	220/60/1	220-240/50/1	
Refrigerant Type						R22	R22	R22	
Performance									
Capacity	Cooling	Btu/hr.	18,000	23,200	7,000	9,000	12,000	18,000	
		Cal/hr.	4,536	5,847	-	-	-	3,024	4,536
		kW	5.27	6.80	-	-	-	3.52	5.27
	Heating	Btu/hr.	19,500	24,500	7,500	9,500	13,000	19,500	
		Cal/hr.	4,914	6,174	-	-	-	3,276	4,914
		kW	5.71	7.18	-	-	-	3.81	5.71
Energy Efficiency	Cooling	EER (Btu/W)	9.5	9.3	-	-	-	9.5	
		EER(W/W)	2.78	2.72	3.02	2.69	2.79	2.79	
	Heating	COP(W/W)	3.01	2.71	3.38	3.00	3.28	3.01	
Moisture Removal	l /hr.	1.8	2.4	0.8	1.0	1.5	2.0		
Air Circulation (Max)	m³/min	13.0	17.0	6.0	8.0	10.0	14.0		
Noise Level	Indoor High/Low	dB	40/32	42/33	34/26	36/26	37/26	42/32	
	Outdoor High	dB	52	54	47	49	51	53	
Electrical Data									
Power Source	V/Hz/ø					220/60/1	220/60/1	220/60/1	
Power Consumption	Cooling	W	1,900	2,500	680	980	1,260	1,900	
	Heating	W	1,900	2,650	650	928	1,160	1,900	
Operating Current	Cooling	A	9.0	12.0	3.0	4.6	5.8	9.0	
	Heating	A	9.0	12.5	2.8	4.2	5.3	9.0	
Dimension & Loading Q'ty									
Net Dimension (WxHxD)	Indoor	mm	890x285x190	1,065x298x222	728x255x170	728x255x185	820x285x190	890x285x190	
	Outdoor	mm	790x285x548	880x638x310	660x470x240	660x470x240	660x470x240	790x548x285	
Net Weight	Indoor	kg	9.2	13	6.5	6.8	8.9	9.2	
	Outdoor	kg	39	56	21.6	24.5	25.9	38	
Shipping Weight	Indoor	kg	11.5	16	7.5	7.8	10.3	11.2	
	Outdoor	kg	43	58	23.6	26.5	27.9	41	
Loading Q'ty	W Pipe	20/40ft/jumbo	90/188/210	61/130/150	134/281/315	134/281/315	112/240/266	82/165/187	
	W/O Pipe	20/40ft/jumbo	97/202/228	66/138/152	152/314/348	152/314/348	123/253/285	84/165/187	
Technical Information									
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	
	Gas	ODxL	ø12.7mmx5m	ø15.8mmx5m	ø9.52mmx5.0m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	
Piping Length	STD	m	5	5	5	5	5	5	
	Max	m	15	20	15	15	15	15	
Piping Height	Max	m	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		-	-	-	-	-	-	
Operating Mode	Deodorizing Filter		-	-	-	-	-	-	
	Comfort Care		-	-	-	-	-	-	
	Smart Saver		•	•	•	•	•	•	
	Dehumidification		•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	
Convenience	Auto Restart		•	•	•	•	•	•	
	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	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
Remote Controller	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
			•	•	•	•	•	•	
	Auto Clean (self cleaning)		-	-	-	-	-	-	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY		
Low Ambient	Cooling	°C	15-43	15-43	15-43	15-43	15-43	15	
	Heating	°C	-5-24	-5-24	-5-24	-5-24	-5-24	0	

AREA	AMERICA				
	MODEL NO.	AS12UBANXAX	AS12UAANXAX	AS18UBANXAX	AS24UBANXAX

MAX



			CO	CO	CO	CO	CO
Power Source	V/Hz/ø		220/60/1	110/60/1	220/60/1	220/60/1	220/60/1
Refrigerant Type			R22	R22	R22	R22	R22
Performance							
Capacity	Cooling	Btu/hr.	12,000	12,000	18,000	24,000	9,000
		Cal/hr.	3,024	3,024	4,536	6,048	2,268
		kW	3.52	3.52	5.27	7.03	2.64
	Heating	Btu/hr.	-	-	-	-	-
		Cal/hr.	-	-	-	-	-
		kW	-	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.3	10.4	9.5	9.6	9.7
		EER(W/W)	2.73	3.06	2.78	2.81	2.84
		COP(W/W)	-	-	-	-	-
Moisture Removal	Cooling	l /hr.	1.5	1.5	1.8	2.4	1.0
		m³/min	9.5	9.5	13.0	17.0	7.0
Air Circulation (Max)							
Noise Level	Indoor High/Low	dB	35/26	35/26	40/32	40/33	33/23
	Outdoor High	dB	50	50	52	54	47
Electrical Data							
Power Source	V/Hz/ø		220/60/1	110/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	1,260	1,150	1,900	2,500	930
	Heating	W	-	-	-	-	-
Operating Current	Cooling	A	5.8	10.3	9.5	11.0	4.3
	Heating	A	-	-	-	-	-
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	820x285x190	820x285x190	890x285x190	1,065x298x222	728x255x185
	Outdoor	mm	660x475x242	720x548x265	720x548x265	790x285x548	660x475x242
Net Weight	Indoor	kg	8.7	8.7	9.2	13	6.8
	Outdoor	kg	25	32	39	48	25
Shipping Weight	Indoor	kg	10.6	10.6	11.5	16	8.3
	Outdoor	kg	29	41	43	50	29
Loading Q'ty	W Pipe		123/252/280	96/200/224	96/200/224	78/164/188	128/276/304
	W/O Pipe		130/270/302	103/216/246	103/216/246	78/164/188	142/299/336
Technical Information							
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø9.52mmx5m
Piping Length	STD	m	5	5	5	5	-
	Max	m	15	15	15	20	-
Piping Height	Max	m	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		•	•	•	•	•
	Filter Cleaning Indicator		-	-	-	-	-
	Auto Wind		•	•	•	•	•
	Air Flow Control Steps (Cool/Fan)		•	•	•	•	•
Convenience	Air Direction Control (Up/Down)		•	•	•	•	•
	Air Direction Control (Left/Right)		•	•	•	•	•
	Remote Controller		•	•	•	•	•
	Auto Clean (self cleaning)		-	-	-	-	-
	ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	15	15	15	15	15
	Heating	°C	0	0	0	0	0

AMERICA								SE ASIA
AS12UAANXAP	AS12UBANXAP	AS18UBANXAP	AS24UBANXAP	AQ09RANXCH	AQ12UANXCH	AQ18UANXCH	AQ24UANXCH	AS09RAXTC

			CO	CO	CO	CO	HP	HP	HP	CO	CO
Power Source	V/Hz/ø		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
Performance											
Capacity	Cooling	Btu/hr.	12,000	12,000	18,000	24,000	9,000	12,000	18,000	23,200	9,005
		Cal/hr.	3,024	3,024	4,536	6,048	2,268	3,024	4,536	5,847	2,268
		kW	3.52	3.52	5.27	7.03	2.64	3.52	5.27	6.80	2.64
	Heating	Btu/hr.	-	-	-	-	9,500	13,000	19,500	24,500	-
		Cal/hr.	-	-	-	-	2,394	3,276	4,914	6,174	-
		kW	-	-	-	-	2.78	3.81	5.71	7.18	-
Energy Efficiency	Cooling	EER (Btu/W)	10.4	9.3	9.5	9.6	9.2	9.5	9.5	9.3	9.68
		EER(W/W)	3.06	2.73	2.78	2.81	2.69	2.79	2.78	2.72	2.84
		COP(W/W)	-	-	-	-	3.02	3.28	3.01	2.71	-
Moisture Removal	Cooling	l /hr.	1.5	1.5	1.8	2.4	1.0	1.5	1.8	2.4	1.0
		m³/min	9.5	9.5	13.0	17.0	7.0	9.5	13.0	17.0	7.0
Air Circulation (Max)											
Noise Level	Indoor High/Low	dB	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	46	49	52	54	47
Electrical Data											
Power Source	V/Hz/ø		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	230/60/1
Power Consumption	Cooling	W	1,150	1,260	1,900	2,500	980	1,260	1,900	2,500	930
	Heating	W	-	-	-	-	923	1,160	1,900	2,650	-
Operating Current	Cooling	A	10.3	5.8	9.5	11.0	4.6	5.8	9.0	12.0	4.3
	Heating	A	-	-	-	-	4.2	5.3	9.0	12.5	-
Dimension & Loading Q'ty											
Net Dimension (WxHxD)	Indoor	mm	820x285x190	820x285x190	890x285x190	1,065x298x222	728x255x185	820x285x190	890x285x190	1,065x298x222	820x285x190
	Outdoor	mm	720x548x265	660x475x242	720x548x265	790x285x548	660x475x242	660x475x242	790x285x548	880x638x310	660x475x242
Net Weight	Indoor	kg	8.7	8.7	9.2	13	6.8	8.7	9.2	13	6.8
	Outdoor	kg	25	32	39	48	25	25	39	56	25
Shipping Weight	Indoor	kg	10.6	10.6	11.5	16	8.3	10.6	11.5	16	8.3
	Outdoor	kg	29	41	43	50	29	29	43	58	29
Loading Q'ty	W Pipe		96/200/224	123/252/280	96/200/224	78/164/188	128/276/304	123/252/280	90/188/210	61/130/150	123/252/280
	W/O Pipe		103/216/246	130/270/302	103/216/246	78/164/188	142/299/336	130/270/302	97/202/228	66/138/152	130/270/302
Technical Information											
SVC Valve	Liquid	ODxL	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	ø15.8mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø9.52mmx5m
Piping Length	STD	m	5	5	5	5	5	5	5	5	5
	Max	m	15	15	15	20	15	15	15	20	15
Piping Height	Max	m	7	7	8	8	7	7	8	8	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		•	•	•	•	•	•	•	•	•
	Filter Cleaning Indicator		-	-	-	-	-	-	-	-	-
	Auto Wind		•	•	•	•	•	•	•	•	•
	Air Flow Control Steps (Cool/Fan)		•	•	•	•	•	•	•	•	4/3
Convenience	Air Direction Control (Up/Down)		•	•	•	•	•	•	•	•	AUTO
	Air Direction Control (Left/Right)		•	•	•	•	•	•	•	•	MANUAL
	Remote Controller		•	•	•	•	•	•	•	•	•
	Auto Clean (self cleaning)		-	-	-	-	-	-	-	-	-
	ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	15	15	15	15	15	15	15	15	-
	Heating	°C	0	0	0	0	0	0	0	0	-

AREA	MODEL NO.	SE ASIA			
		AS12UAXTC	AS18UAXTC	AS24UAXTC	AS10ULNXST

MAX



			C0	C0	C0	C0
Power Source	V/Hz/ø		220/60/1	220/60/1	220/60/1	110/60/1
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	11,944	18,010	23,968	9,200
		Cal/hr.	3,024	4,536	6,048	-
		kW	3.52	5.27	7.03	-
	Heating	Btu/hr.	-	-	-	-
		Cal/hr.	-	-	-	-
		kW	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.33	9.01	9.59	11.22
		EER(W/W)	2.73	2.64	2.81	3.29
	Heating	COP(W/W)	-	-	-	-
Moisture Removal		l /hr.	1.5	1.8	2.4	1.0
Air Circulation (Max)		m³/min	9.5	13.0	17.0	8.0
Noise Level	Indoor High/Low	dB	35/26	40/32	42/33	36/26
	Outdoor High	dB	50	52	54	49
Electrical Data						
Power Source	V/Hz/ø		230/60/1	220/60/1	230/60/1	220-240/50/1
Power Consumption	Cooling	W	1,280	2,000	2,500	820
	Heating	W	-	-	-	-
Operating Current	Cooling	A	5.8	8.5	11.0	2.9
	Heating	A	-	-	-	-
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	820x285x190	890x285x190	1,065x298x222	820x285x190
	Outdoor	mm	660x475x242	790x285x548	790x285x548	660x470x240
Net Weight	Indoor	kg	8.7	9.2	13	8.2
	Outdoor	kg	25	38	48	22.5
Shipping Weight	Indoor	kg	10.6	11.5	16	9.6
	Outdoor	kg	29	42	50	24.5
Loading Q'ty	W Pipe	20/40ft/jumbo	123/252/280	90/188/210	78/164/188	112/240/266
	W/O Pipe	20/40ft/jumbo	130/270/302	97/202/228	78/164/188	123/253/285
Technical Information						
SVC Valve	Liquid	ODxL	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m
	Gas	ODxL	ø12.7mmx5.0m	ø12.7mmx5.0m	ø15.8mmx5.0m	ø12.7mmx5.0m
Piping Length	STD	m	5	5	5	7.5
	Max	m	15	15	20	15
Piping Height	Max	m	7	8	8	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		-	-	-	•
Operating Mode	Deodorizing Filter		-	-	-	•
	Comfort Care		-	-	-	-
	Smart Saver		•	•	•	•
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
Convenience	Auto Restart		•	•	•	•
	Auto Changeover		-	-	-	-
	Filter Cleaning Indicator		-	-	-	-
	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
Remote Controller			•	•	•	•
	Auto Clean (self cleaning)		-	-	-	-
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	-	-	-	-
	Heating	°C	-	-	-	-

		SE ASIA							
AS13ULNXST	AS18ULNXST	AS24ULNXST	AS09ULNXSS	AS12ULNXSS	AS18ULNXSS	AS24ULNXSS	AS05RLNXSE	AS07RLNXSE	

		C0	C0	C0	C0	C0	C0	C0	C0
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
Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22
Performance									
Capacity	Cooling	Btu/hr.	12,600	18,000	24,000	9,200	12,600	18,000	24,000
		Cal/hr.	-	-	-	-	-	-	-
		kW	-	-	-	-	-	-	-
	Heating	Btu/hr.	-	-	-	-	-	-	-
		Cal/hr.	-	-	-	-	-	-	-
		kW	-	-	-	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	11.20	11.30	9.93	11.22	11.20	11.30	9.93
		EER(W/W)	3.28	3.31	2.91	3.29	3.28	3.31	2.91
	Heating	COP(W/W)	-	-	-	-	-	-	-
Moisture Removal		l /hr.	1.5	2.0	2.5	1.0	1.5	2.0	
Air Circulation (Max)		m³/min	10.0	14.0	15.0	8.0	10.0	14.0	
Noise Level	Indoor High/Low	dB	37/26	42/32	44/35	36/26	37/26	42/32	
	Outdoor High	dB	49	53	56	49	49	53	
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
Power Consumption	Cooling	W	1,125	1,594	2,417	820	1,125	1,594	
	Heating	W	-	-	-	-	-	-	
Operating Current	Cooling	A	5.2	7.5	10.5	2.9	5.2	7.5	
	Heating	A	-	-	-	-	-	-	
Dimension & Loading Q'ty									
Net Dimension (WxHxD)	Indoor	mm	890x285x190	1,065x298x222	1,065x298x222	820x285x190	890x285x190	1,065x298x222	
	Outdoor	mm	660x470x240	880x648x310	790x548x285	660x470x240	660x470x240	880x648x310	
Net Weight	Indoor	kg	9.2	13	13	8.2	9.2	13	
	Outdoor	kg	25.1	49	43.5	22.5	25.1	49	
Shipping Weight	Indoor	kg	11.2	16	16	9.6	11.2	16	
	Outdoor	kg	27.1	53	46.5	24.5	27.1	53	
Loading Q'ty	W Pipe	20/40ft/jumbo	120/252/274	63/130/150	71/147/162	112/240/266	120/252/274	63/130/150	
	W/O Pipe	20/40ft/jumbo	129/265/299	61/130/145	73/153/176	123/253/285	129/265/299	61/130/145	
Technical Information									
SVC Valve	Liquid	ODxL	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	ø15.9mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m	ø15.9mmx5.0m	
Piping Length	STD	m	7.5	7.5	7.5	5	5	5	
	Max	m	15	15	20	15	15	20	
Piping Height	Max	m	7	8	8	7	8	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		-	-	-	-	-	•	
Operating Mode	Deodorizing Filter		-	-	-	-	-	•	
	Comfort Care		-	-	-	-	-	-	
	Smart Saver		•	•	•	•	•	•	
	Dehumidification		•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	
Convenience	Auto Restart		•	•	•	•	•	•	
	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	
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
Remote Controller			•	•	•	•	•	•	
	Auto Clean (self cleaning)		-	-	-	-	-	-	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	-	-	-	
	Heating	°C	-	-	-	-	-	-	

AREA	SE ASIA			
	MODEL NO.	AS09RLNXSE	AS12ULNXSE	AS18ULNXSE

MAX



			CO	CO	CO	CO
Power Source	V/Hz/ø		220~240/50/1	220~240/50/1	110/60/1	220/60/1
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	9,000
		Cal/hr.	-	-	-	-
		kW	-	-	-	-
	Heating	Btu/hr.	-	-	-	-
		Cal/hr.	-	-	-	-
		kW	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	11.25	10.72	10.00	11.25
		EER(W/W)	3.30	3.14	2.93	3.30
		COP(W/W)	-	-	-	-
Moisture Removal	Cooling	ℓ /hr.	1.0	1.5	2.0	1.0
		Air Circulation (Max)	m ³ /min	8.0	10.0	14.0
Noise Level	Indoor High/Low	dB	36/26	37/26	42/32	36/26
	Outdoor High	dB	49	49	53	49
Electrical Data						
Power Source	V/Hz/ø		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
	Heating	W	-	-	-	-
Operating Current	Cooling	A	-	-	-	-
	Heating	A	-	-	-	-
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	728x255x185	820x285x190	890x285x190	728x255x185
	Outdoor	mm	660x470x240	660x470x240	790x548x285	660x470x240
Net Weight	Indoor	kg	6.8	8.9	9.2	6.8
	Outdoor	kg	21.7	24.9	38	21.7
Shipping Weight	Indoor	kg	7.8	10.3	11.2	7.8
	Outdoor	kg	23.7	26.9	41	23.7
Loading Q'ty	W Pipe	20/40ft/jumbo	134/281/315	112/240/266	82/165/187	134/281/315
	W/O Pipe	20/40ft/jumbo	152/314/348	123/253/285	84/165/187	152/314/348
Technical Information						
SVC Valve	Liquid	ODxL	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m
	Gas	ODxL	ø9.52mmX5.0m	ø12.7mmX5.0m	ø12.7mmX5.0m	ø9.52mmX5.0m
Piping Length	STD	m	5	5	5	5
	Max	m	15	15	15	15
Piping Height	Max	m	7	7	8	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		-	-	-	-
Operating Mode	Deodorizing Filter		-	-	-	-
	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
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO
Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	
Remote Controller		•	•	•	•	
Auto Clean (self cleaning)		-	-	-	-	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	-	-	-	-
	Heating	°C	-	-	-	-

SE ASIA						ME AFRICA	
AS12ULNXME/XSV	AS18ULNXME/XSV	AS24ULNXME/XSV	AQ09RLNXSV	AQ12ULNXSV	AQ18ULNXSV	AQ09UAAND	AQ12UAAND

			CO	HP	HP	HP	HP	HP
Power Source	V/Hz/ø		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
Performance								
Capacity	Cooling	Btu/hr.	12,000	18,000	24,000	24,000	12,000	18,000
		Cal/hr.	-	-	-	-	-	-
		kW	-	-	-	-	-	-
	Heating	Btu/hr.	-	-	-	-	13,000	19,500
		Cal/hr.	-	-	-	-	-	-
		kW	-	-	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	10.72	10.00	10.20	10.20	-	-
		EER(W/W)	3.14	2.93	2.99	2.99	2.79	2.78
		COP(W/W)	-	-	-	-	3.28	3.01
Moisture Removal	Cooling	ℓ /hr.	1.5	2.0	2.5	2.5	1.5	2.0
		Air Circulation (Max)	m ³ /min	10.0	14.0	15.0	15.0	10.0
Noise Level	Indoor High/Low	dB	37/26	42/32	44/35	44/35	37/26	42/32
	Outdoor High	dB	49	53	56	56	51	53
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
Power Consumption	Cooling	W	1,120	1,800	2,352	2,352	1,260	1,900
	Heating	W	-	-	-	-	1,160	1,900
Operating Current	Cooling	A	-	-	-	-	5.8	9.0
	Heating	A	-	-	-	-	5.3	9.0
Dimension & Loading Q'ty								
Net Dimension (WxHxD)	Indoor	mm	820x285x190	890x285x190	1,065x298x222	728x255x185	820x285x190	890x285x190
	Outdoor	mm	660x470x240	660x470x240	880x648x310	660x470x240	660x470x240	790x548x285
Net Weight	Indoor	kg	8.9	9.2	13	6.8	8.9	9.2
	Outdoor	kg	24.9	38	51	24.5	25.9	38
Shipping Weight	Indoor	kg	10.3	11.2	16	7.8	10.3	11.2
	Outdoor	kg	26.9	41	55	26.5	27.9	41
Loading Q'ty	W Pipe	20/40ft/jumbo	112/240/266	82/165/187	63/130/150	134/281/315	112/240/266	82/165/187
	W/O Pipe	20/40ft/jumbo	123/253/285	84/165/187	61/130/145	152/314/348	123/253/285	84/165/187
Technical Information								
SVC Valve	Liquid	ODxL	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	ø15.9mmX5.0m	ø9.52mmX5.0m	ø12.7mmX5.0m	ø12.7mmX5.0m
Piping Length	STD	m	5	5	5	5	5	5
	Max	m	15	15	20	15	15	15
Piping Height	Max	m	7	8	8	7	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		-	-	-	-	-	-
Operating Mode	Deodorizing Filter		-	-	-	-	-	-
	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
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
Remote Controller		•	•	•	•	•	•	
Auto Clean (self cleaning)		-	-	-	-	-	-	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	15~43	15~43	15~43
	Heating	°C	-	-	-	-5~24	-5~24	-5~24

AREA MODEL NO.	ME AFRICA				
	AQ18UAAND	AQ24UAAND	AQ09UASAM	AQ12UASAM	AQ18UASAM

MAX



			HP	HP	HP	HP	HP
Power Source	V/Hz/e		220/60/1	220/60/1	220/50/1	220/50/1	220/50/1
Refrigerant Type			R22	R22	R22	R22	R22
Performance							
Capacity	Cooling	Btu/hr.	17,745	23,205	9,384	11,944	17,745
		Cal/hr.	4,472	5,848	2,365	3,010	4,472
		kW	5.2	6.8	2.75	3.5	5.2
	Heating	Btu/hr.	19,793	23,888	9,896	12,968	19,793
		Cal/hr.	4,988	6,020	2,494	3,268	4,988
		kW	5.8	7.0	2.9	3.8	5.8
Energy Efficiency	Cooling	EER (Btu/W)	9.59	9.59	11.31	11.32	10.63
		EER(W/W)	2.81	2.81	3.31	3.32	3.11
		COP(W/W)	3.02	3.02	3.33	3.32	3.12
	Heating	EER (Btu/W)	9.59	9.59	11.31	11.32	10.63
		EER(W/W)	2.81	2.81	3.31	3.32	3.11
		COP(W/W)	3.02	3.02	3.33	3.32	3.12
Moisture Removal	ℓ /hr.	1.8	2.4	1.0	1.5	1.8	
Air Circulation (Max)	m ³ /min	13.0	17.0	7.5	9.5	13.0	
Noise Level	Indoor High/Low	dB	40/32	42/33	32/24	35/26	40/32
	Outdoor High	dB	52	54	46	49	52
Electrical Data							
Power Source	V/Hz/e		220-240/50/1	220-240/50/1	220/50/1	220/50/1	220/50/1
Power Consumption	Cooling	W	1,850	2,420	830	1,055	1,670
	Heating	W	1,920	2,320	870	1,145	1,860
Operating Current	Cooling	A	8.9	11.6	3.8	4.9	7.7
	Heating	A	9.2	11.1	4.0	5.3	8.6
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	1,065x298x222	1,065x298x222	820x285x190	820x285x190	1,065x298x222
	Outdoor	mm	790x285x548	880x638x310	720x548x265	790x285x548	880x638x310
Net Weight	Indoor	kg	12	13	8.7	8.7	13
	Outdoor	kg	39	56	37	39	56
Shipping Weight	Indoor	kg	15	16	10.1	10.1	16
	Outdoor	kg	43	58	41	43	58
Loading Q'ty	W Pipe		78/164/188	61/130/150	96/200/224	91/193/216	61/130/150
	W/O Pipe		78/164/188	66/138/152	103/216/246	101/209/233	66/138/152
Technical Information							
SVC Valve	Liquid	ODxL	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m	ø6.35mmx5.0m
	Gas	ODxL	ø12.7mmx5.0m	ø15.8mmx5.0m	ø9.52mmx5.0m	ø12.7mmx5.0m	ø12.7mmx5.0m
Piping Length	STD	m	5	5	5	5	5
	Max	m	15	20	15	15	15
Piping Height	Max	m	8	8	7	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		-	-	-	-	-
Operating Mode	Deodorizing Filter		-	-	-	-	-
	Digital i Plus		-	-	-	-	-
	Dehumidification		•	•	•	•	•
Convenience	Turbo Mode		•	•	•	•	•
	Timer		•	•	•	•	•
	Energy Saving Mode		•	•	•	•	•
	Auto Restart		•	•	•	•	•
	Auto Changeover		•	•	•	•	•
	Auto Wind		-	-	-	-	-
Air Flow Control	Air Flow Control Steps (Cool/Fan)		•	•	•	•	•
	Air Direction Control (Up/Down)		4/3	4/3	4/3	4/3	4/3
	Air Direction Control (Left/Right)		AUTO	AUTO	AUTO	AUTO	AUTO
Auto Grille		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
Remote Controller		•	•	•	•	•	
Auto Clean (self cleaning)		-	-	-	-	-	
ETC.	Compressor Type		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

ME AFRICA AQ24UASAM	INDIA					
	AS10UTAXTL	AS12UAXTL	AS18UAXTL	AS18UTAXTL	AS18ULAXTL	AS24UAXTL

			C0	C0	C0	C0	C0	C0	
Power Source	V/Hz/e		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	
Performance									
Capacity	Cooling	Btu/hr.	23,205	2,700	3,500	5,100	5,270	5,150	6,500
		Cal/hr.	5,848	-	-	-	-	-	-
		kW	6.8	-	-	-	-	-	-
	Heating	Btu/hr.	23,888	-	-	-	-	-	-
		Cal/hr.	6,020	-	-	-	-	-	-
		kW	7.0	-	-	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	10.64	-	-	-	-	-	-
		EER(W/W)	3.12	2.87	2.63	2.63	2.88	2.88	2.69
		COP(W/W)	3.11	-	-	-	-	-	-
	Heating	EER (Btu/W)	10.64	-	-	-	-	-	-
		EER(W/W)	3.12	2.87	2.63	2.63	2.88	2.88	2.69
		COP(W/W)	3.11	-	-	-	-	-	-
Moisture Removal	ℓ /hr.	2.4	1	1.5	2.0	2.0	2.0	2.5	
Air Circulation (Max)	m ³ /min	17.0	7.5	10.0	13.0	14.0	13.0	15.0	
Noise Level	Indoor High/Low	dB	42/33	35/25	37/27	38/29	38/29	38/29	40/36
	Outdoor High	dB	54	47	49	52	52	52	54
Electrical Data									
Power Source	V/Hz/e		220-240/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	
Power Consumption	Cooling	W	2,180	940	1,330	1,940	1,830	1,790	2,420
	Heating	W	2,250	-	-	-	-	-	-
Operating Current	Cooling	A	10.1	4.1	5.8	8.2	8.0	8.0	10.2
	Heating	A	10.4	-	-	-	-	-	-
Dimension & Loading Q'ty									
Net Dimension (WxHxD)	Indoor	mm	1,065x298x222	728x255x184	890x286x190	890x286x190	1,065x298x222	890x286x190	1,065x298x222
	Outdoor	mm	880x890x310	720x548x265	720x548x265	790x548x285	790x548x285	790x548x285	790x548x285
Net Weight	Indoor	kg	13	7	9	10	12	10	12
	Outdoor	kg	70	27	29	37	35	35	41
Shipping Weight	Indoor	kg	16	8	11	12	14	12	14
	Outdoor	kg	76	31	33	41	39	39	44
Loading Q'ty	W Pipe		61/130/150	130/276/310	100/211/235	97/202/228	78/164/188	97/202/228	78/164/188
	W/O Pipe		66/138/152	-	-	-	-	-	-
Technical Information									
SVC Valve	Liquid	ODxL	ø6.35mmx5.0m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø15.8mmx5.0m	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.88mmx5m	
Piping Length	STD	m	5	5	5	5	5	5	
	Max	m	20	15	15	15	15	15	
Piping Height	Max	m	8	7	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		-	-	-	-	-	-	
Operating Mode	Deodorizing Filter		-	-	-	-	-	-	
	Digital i Plus		-	-	-	-	-	-	
	Dehumidification		•	•	•	•	•	•	
Convenience	Turbo Mode		•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	
	Energy Saving Mode		•	•	•	•	•	•	
	Auto Restart		•	•	•	•	•	•	
	Auto Changeover		•	•	•	•	•	•	
	Auto Wind		-	-	-	-	-	-	
Air Flow Control	Air Flow Control Steps (Cool/Fan)		•	•	•	•	•	•	
	Air Direction Control (Up/Down)		4/3	•	•	•	•	•	
	Air Direction Control (Left/Right)		AUTO	•	•	•	•	•	
Auto Grille		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL		
Remote Controller		•	•	•	•	•	•		
Auto Clean (self cleaning)		-	-	-	-	-	-		
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	15-43	21	21	21	21	21	
	Heating	°C	-5-24	-	-	-	-	-	

AREA			AMERICA			
MODEL NO.			AS09NBA*	AS12NBA*	AS18NBE*	AS24NBA*

Neo Forte



			CO	CO	CO	CO
Power Source	V/Hz/ø		220/60/1	220/60/1	220/60/1	220/60/1
Refrigerant Type			R410a	R410a	R410a	R410a
Performance						
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000
		Cal/hr.	2,268	3,024	4,536	5,847
		kW	2.75	3.52	5.10	6.8
	Heating	Btu/hr.	-	-	-	-
		Cal/hr.	-	-	-	-
		kW	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.38	10.00	9.00	9.23
		EER(W/W)	2.86	2.93	2.55	2.62
	Heating	COP(W/W)	-	-	-	-
Moisture Removal		l /hr.	1.0	1.5	1.8	2.7
Air Circulation (Max)		m³/min	7.5	8.0	13.0	17
Noise Level	Indoor High/Low	dB	33/29/24	36/31/26	40/36/32	42/39/35
	Outdoor High	dB	46	47	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	960	1,200	2,000	2,600
	Heating	W	-	-	-	-
Operating Current	Cooling	A	4.3	6.8	9.5	12
	Heating	A	-	-	-	12
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	825x285x189	1,065x298x214
	Outdoor	mm	660x475x242	660x475x242	720x548x265	790x548x285
Net Weight	Indoor	kg	8.4	8.4	8.4	13
	Outdoor	kg	26	29	33.8	39
Shipping Weight	Indoor	kg	10.6	10.4	10.6	16
	Outdoor	kg	27.5	31	35.6	43
Loading Q'ty	W Pipe	20/40ft/jumbo	116/240/273	96/205/233	96/205/233	61/128/150
	W/O Pipe	20/40ft/jumbo	136/280/303	136/280/303	106/231/259	66/138/153
Technical Information						
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø9.52mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø15.8mmx5m
Piping Length	STD	m	5	5	5	5
	Max	m	15	15	15	20
Piping Height	Max	m	7	7	8	8
	Refrigerant	G	465	680	1,000	1,300
Add Refrigerant	g/m		-	20	30	40
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		•	•	•	•
Operating Mode	Deodorizing Filter		•	•	•	•
	Digital i Plus		-	-	-	-
	Dehumidification		•	•	•	•
Convenience	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		-	-	-	-
	Auto Restart		•	•	•	•
	Auto Changeover		-	-	-	-
	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	-	-	-	-

			AMERICA			OCEANIA				
			AQ12NBA*	AQ18NBE*	AQ24NBA*	AQV09NSB(D)	AQV12NSB(D)	AQV18NSB(D)	AQV24NSB(D)	AQV24NSG
HP			HP	HP	HP	S Inverter	S Inverter	S Inverter	S Inverter	S Inverter
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
R22			R22	R22	R22	R410a	R410a	R410a	R410a	R410a
Performance										
Capacity	Cooling	Btu/hr.	12,000	18,000	24,000	8,530	11,942	17,061	23,203	23,203
		Cal/hr.	3,024	4,536	5,847	2,150	3,009	4,299	5,847	5,847
		kW	3.52	5.10	6.8	2.5	3.5	5.0	6.8	6.8
	Heating	Btu/hr.	13,000	20,000	24,000	11,942	13,649	20,473	27,297	27,297
		Cal/hr.	3,276	5,040	6,019	3,009	3,439	5,159	6,879	6,879
		kW	3.81	5.60	7.00	3.5	4.0	6.0	8.0	8.0
Energy Efficiency	Cooling	EER (Btu/W)	10.00	9.47	9.23	13.9	11.3	11.0	10.3	11.0
		EER(W/W)	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.	1.5	1.8	2.7	1.0	1.4	2.5	3.0	3.0
Air Circulation (Max)		m³/min	8	13	17	7.0	8.0	13.0	15.0	19.0
Noise Level	Indoor High/Low	dB	36/31/26	40/36/32	42/39/35	31/22	36/22	40 / 30	41 / 30	43 / 30
	Outdoor High	dB	47	52	55	45	45	53	55	55
Electrical Data										
Power Source	V/Hz/ø		-	-	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	1,200	1,900	2,600	613	1060	1560	2260	2120
	Heating	W	1,240	1,800	6,500	920	1108	1760	2850	2340
Operating Current	Cooling	A	5.5	8.8	12	3.0	4.9	7.0	10.6	9.5
	Heating	A	5.7	8.2	12	4.5	5.3	8.0	13	10.2
Dimension & Loading Q'ty										
Net Dimension (WxHxD)	Indoor	mm	825x285x189	1,065x298x214	1,065x298x218	825x285x189	825x285x189	1099x315x217	1099x315x217	1065x298x218
	Outdoor	mm	720x548x265	790x548x285	790x548x285	790x548x285	790x548x285	880x638x310	880x638x310	880x798x310
Net Weight	Indoor	kg	8.4	13	13.0	7.8	7.8	13	13	13
	Outdoor	kg	33.8	39	41.0	32.6	32.6	52	52	59.2
Shipping Weight	Indoor	kg	10.4	16	16.0	9.4	9.4	16	16	16
	Outdoor	kg	35.8	43	43.0	35.4	35.4	55.6	55.6	64.8
Loading Q'ty	W Pipe	20/40ft/jumbo	96/205/233	61/128/150	61/128/150	91/193/216	91/193/216	61/128/150	61/128/150	55/114/135
	W/O Pipe	20/40ft/jumbo	106/231/259	66/138/153	66/138/153	101/209/233	101/209/233	66/138/153	66/138/153	60/124/139
Technical Information										
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmx7.5m
	Gas	ODxL	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	7.5	7.5	7.5	7.5	7.5
	Max	m	15	15	20	15	15	30	30	30
Piping Height	Max	m	7	8	8	8	8	15	15	15
	Refrigerant	G	960	1,140	1,420	900	900	1450	1450	1750
Add Refrigerant	g/m	20	30	40	-	-	15	15	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		•	•	•	•	•	•	•	•
Operating Mode	Deodorizing Filter		•	•	•	•	•	•	•	•
	Digital i Plus		-	-	-	-	-	-	-	-
	Dehumidification		•	•	•	•	•	•	•	•
Convenience	Turbo Mode		•	•	•	•	•	•	•	•
	Timer		•	•	•	•	•	•	•	•
	Energy Saving Mode		-	-	-	-	-	-	-	-
	Auto Restart		•	•	•	•	•	•	•	•
	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
Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
Air Direction Control (Left/Right)		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	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

AREA	ME AFRICA			
	MODEL NO.	AQ13NCHAC	AAQ18NAHAC	AQ24NAHAC

Neo Forte



		HP	HP	HP	CO	
Power Source	V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	
Refrigerant Type		R22	R22	R22	R22	
Performance						
Capacity	Cooling	Btu/hr.	12,000	18,000	24,000	12,000
		Cal/hr.	3,024	4,536	5,847	3,024
		kW	3.52	5.10	6.8	3.50
	Heating	Btu/hr.	13,000	20,000	24,000	-
		Cal/hr.	3,276	5,040	6,019	-
		kW	3.81	5.60	7.00	-
Energy Efficiency	Cooling	EER (Btu/W)	9.52	9.47	9.60	9.52
		EER(W/W)	2.79	2.68	2.72	2.78
	Heating	COP(W/W)	3.28	2.95	2.64	-
Moisture Removal		g /hr.	1.5	1.8	2.6	1.5
Air Circulation (Max)		m³/min	9.2	13	17	9.3
Noise Level	Indoor High/Low	dB	36/31/26	40/36/32	42/39/35	36/31/26
	Outdoor High	dB	47	52	55	47
Electrical Data						
Power Source	V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	
Power Consumption	Cooling	W	1,260	1,900	2,500	1,260
	Heating	W	1,160	1,900	2,650	-
Operating Current	Cooling	A	5.8	9	12	5.8
	Heating	A	5.3	9	12.5	-
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825x285x189	1,065x298x218	1,065x298x218	825x285x189
	Outdoor	mm	660x475x242	790x548x285	790x548x285	660x470x240
Net Weight	Indoor	kg	8.4	13.0	13.0	8.4
	Outdoor	kg	26	39.0	41.0	26
Shipping Weight	Indoor	kg	10.6	16.0	16.0	10.6
	Outdoor	kg	27.5	43.0	45.0	27.5
Loading Q'ty	W Pipe	20/40ft/jumbo	116/240/273	82/170/197	82/170/197	116/240/273
	W/O Pipe	20/40ft/jumbo	136/280/303	82/170/197	82/170/197	136/280/303
Technical Information						
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m	ø12.7mmx5m
Piping Length	STD	m	5	5	5	5
	Max	m	15	15	20	15
Piping Height	Max	m	7	8	8	7
Refrigerant		G	760	-	1,450	680
Add Refrigerant		g/m	20	30	40	20
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		•	•	•	•
Operating Mode	Deodorizing Filter		•	•	•	•
	Digital i Plus		-	-	-	-
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		-	-	-	-
Convenience	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	-
	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	-	-	-	-

		ME AFRICA		INDIA				
		AS19NCHAC	AS25NAHAC	AS12NBXTL	AS18NCBXTL	AS18NBXTL	AS24NCXTL	
		CO	CO	CO	CO	CO	CO	
		220~240/50/1	220~240/50/1	230/50/1	230/50/1	230/50/1	230/50/1	
		R22	R22	R22	R22	R22	R22	
Performance								
Capacity	Cooling	Btu/hr.	18,000	24,000	3,500	5,100	5,270	6,500
		Cal/hr.	4,536	5,847	-	-	-	-
		kW	5.10	6.8	-	-	-	-
	Heating	Btu/hr.	-	-	-	-	-	-
		Cal/hr.	-	-	-	-	-	-
		kW	-	-	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.00	9.23	-	-	-	-
		EER(W/W)	2.55	2.72	2.63	2.85	2.85	3.06
	Heating	COP(W/W)	-	-	-	-	-	-
Moisture Removal		g /hr.	1.8	2.6	1.5	2	2	2.5
Air Circulation (Max)		m³/min	13	17	10	14	14	15
Noise Level	Indoor High/Low	dB	40/36/32	42/39/35	37/27	38/29	38/29	40/36
	Outdoor High	dB	52	55	49	52	52	54
Electrical Data								
		220~240/50/1	220~240/50/1	230/50/1	230/50/1	230/50/1	230/50/1	
Power Consumption	Cooling	W	2,000	2,500	1,330	1,940	1,960	2,420
	Heating	W	-	-	-	-	-	-
Operating Current	Cooling	A	9.5	12	5.8	8.2	8.2	10.2
	Heating	A	-	-	-	-	-	-
Dimension & Loading Q'ty								
Net Dimension (WxHxD)	Indoor	mm	1,065x298x218	1,065x298x218	825x285x192	825x285x192	1,065x298x222	1,065x298x222
	Outdoor	mm	720x548x265	790x548x285	720x548x265	790x548x285	790x548x285	880x648x310
Net Weight	Indoor	kg	13.0	13.0	8.5	8.5	12	12
	Outdoor	kg	33.8	41.0	34	39	39	49
Shipping Weight	Indoor	kg	16.0	16.0	10	10	14	14
	Outdoor	kg	35.6	45.0	36	42	42	53
Loading Q'ty	W Pipe	20/40ft/jumbo	86/176/293	82/170/197	93/198/228	74/154/177	74/154/177	55/120/137
	W/O Pipe	20/40ft/jumbo	86/178/205	82/170/197	-	-	-	-
Technical Information								
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m
Piping Length	STD	m	5	5	5	5	5	5
	Max	m	15	15	15	15	15	20
Piping Height	Max	m	8	8	7	8	8	8
Refrigerant		G	900	1,450	630	980	1,000	1,350
Add Refrigerant		g/m	30	40	10	15	15	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		•	•	-	-	-	-
Operating Mode	Deodorizing Filter		•	•	-	-	-	-
	Digital i Plus		-	-	-	-	-	-
	Dehumidification		•	•	•	•	•	•
	Turbo Mode		•	•	•	•	•	•
	Timer		•	•	•	•	•	•
	Energy Saving Mode		-	-	-	-	-	-
Convenience	Auto Restart		•	•	•	•	•	•
	Auto Changeover		•	•	-	-	-	-
	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
Auto Grille		-	-	-	-	-	-	
Remote Controller		•	•	•	•	•	•	
Auto Clean (self cleaning)		-	-	-	-	-	-	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	-	-	21	21	21	21
	Heating	°C	-	-	-	-	-	-

AREA	MODEL NO.	AMERICA			
		AS09SA	AS12FC	AS18FE	AS24FC

Forte



			CO	CO	CO	CO
			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
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000
		Cal/hr.	2,268	3,024	4,536	6,048
		kW	2.50	3.50	5.10	6.80
	Heating	Btu/hr.	-	-	-	-
		Cal/hr.	-	-	-	-
		kW	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.28	10.00	-	9.23
		EER(W/W)	2.58	2.92	2.55	2.62
		COP(W/W)	-	-	-	-
	Heating	EER(W/W)	-	-	-	-
		COP(W/W)	-	-	-	-
			-	-	-	-
Moisture Removal	l /hr.	1	1.5	1.8	2.69	
Air Circulation (Max)	m³/min	7	8.0	13.0	17	
Noise Level	Indoor High/Low	dB	32/29/24	36/31/26	40/36/32	42/39/35
	Outdoor High	dB	46	47	52	55
Electrical Data						
Power Source	V/Hz/ø		220-240/50/1	220-240/50/1	220-240/50/1	220/60/1
Power Consumption	Cooling	W	970	1,200	2,000	2,600
	Heating	W	-	-	-	-
Operating Current	Cooling	A	4.3	5.5	9.5	12
	Heating	A	-	-	-	12
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	728x255x185	825x285x189	825x285x189	1,065x298x218
	Outdoor	mm	660x470x240	660x470x240	790x548x285	790x548x285
Net Weight	Indoor	kg	6.8	8.4	8.4	13.0
	Outdoor	kg	26.0	26	39.0	41.0
Shipping Weight	Indoor	kg	8.6	10.6	10.6	16.0
	Outdoor	kg	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
	W/O Pipe	20/40ft/jumbo	142/299/336	136/280/303	101/209/233	82/170/197
Technical Information						
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m
	Gas	ODxL	ø9.52mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø15.8mmx5m
Piping Length	STD	m	5	5	5	5
	Max	m	15	15	15	20
Piping Height	STD	m	7	7	8	8
	Max	m	7	7	8	8
Refrigerant	G		470	680	880	1,350
Add Refrigerant	g/m		-	20	50	40
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		-	-	-	•
Operating Mode	Deodorizing Filter		-	-	-	•
	Digital i Plus		-	-	-	-
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		-	-	-	-
Convenience	Auto Restart		•	•	•	•
	Auto Changeover		-	-	-	-
	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	-	-	-	-

AMERICA							
AQ09SA	AQ12FC	AQ18FE	AQ24FC	AS09SA	AS12FC	AS18FE	AS24FC

		HP	HP	HP	HP	HP	HP	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	
Power Source	V/Hz/ø	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	
Performance										
Capacity	Cooling	Btu/hr.	9,000	112,000	18,000	24,000	9,000	12,000	18,000	24,000
		Cal/hr.	2,268	3,024	4,536	5,847	2,268	3,024	-	5,847
		kW	2.50	3.52	5.10	6.8	2.50	3.52	5.1/3.85	6.8
	Heating	Btu/hr.	10,000	13,000	20,000	24,000	-	-	-	-
		Cal/hr.	2,520	3,276	5,040	6,019	-	-	-	-
		kW	2.75	3.81	5.60	7.00	-	-	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.38	10.00	9.47	9.23	9.68	10.00	9.47	9.23
		EER(W/W)	2.60	2.93	2.68	2.62	2.69	2.63	2.68	2.62
		COP(W/W)	3.22	3.23	2.95	2.64	-	-	3.26	-
	Heating	EER(W/W)	1	1.5	1.8	2.69	1.0	1.5	1.8	2.69
		COP(W/W)	7.5	8.0	13.0	17	7.0	9.4	13.0	17
			32/29/24	36/31/26	40/36/32	42/39/35	32/29/24	36/31/26	40/36/32	42/39/35
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
	Outdoor High	dB	46	47	52	55	46	47	52	55
Electrical Data										
Power Source	V/Hz/ø	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	
Power Consumption	Cooling	W	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	5.3	9.0	12	4.2	6.2	8.8/10.1	12
	Heating	A	4	5.2	9.0	12	-	-	-	12
Dimension & Loading Q'ty										
Net Dimension (WxHxD)	Indoor	mm	728x255x185	825x285x189	825x285x189	1,065x298x218	728x255x185	825x285x189	825x285x189	1,065x298x218
	Outdoor	mm	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
	Outdoor	kg	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
	Outdoor	kg	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	116/240/268	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	126/262/294	101/209/233	82/170/197	142/299/336	136/280/303	101/209/233	82/170/197
Technical Information										
SVC Valve	Liquid	ODxL	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	
Piping Length	STD	m	5	5	5	5	5	5	5	
	Max	m	15	15	15	20	15	15	20	
Piping Height	STD	m	7	7	8	8	7	7	8	
	Max	m	7	7	8	8	7	7	8	
Refrigerant	G		470	680	880	1,450	430	670	1,000	1,300
Add Refrigerant	g/m		-	20	50	40	-	20	30	40
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		-	-	-	-	-	•	•	
Operating Mode	Deodorizing Filter		-	-	-	-	-	•	•	
	Digital i Plus		-	-	-	-	-	-	-	
	Dehumidification		•	•	•	•	•	•	•	
	Turbo Mode		•	•	•	•	•	•	•	
	Timer		•	•	•	•	•	•	•	
	Energy Saving Mode		-	-	-	-	-	-	-	
Convenience	Auto Restart		•	•	•	•	•	•	•	
	Auto Changeover		-	-	-	-	-	-	-	
	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		•	•	•	•	•	•	•	
	Auto Clean (self cleaning)		-	-	-	-	-	-	-	
ETC.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	
	Heating	°C	-	-	-	-	-	-	-	

AREA			ME AFRICA			
MODEL NO.			AQ12FC	AQ12FG	AQ18FC	AQ18FE

Forte



			HP	HP	HP	HP	
Power Source			V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Refrigerant Type			R22	R22	R410a	R22	
Performance							
Capacity	Cooling	Btu/hr.	12,000	12,000	18,000	18,000	
		Cal/hr.	3,024	3,024	4,536	4,536	
		kW	3.52	3.52	5.10	5.10	
	Heating	Btu/hr.	13,000	13,000	20,000	20,000	
		Cal/hr.	3,276	3,276	5,040	5,040	
		kW	3.81	3.81	5.60	5.60	
Energy Efficiency	Cooling	EER (Btu/W)	9.52	9.23	9.47	9.47	
		EER(W/W)	2.79	2.71	2.68	2.68	
	Heating	COP(W/W)	3.28	3.28	3.09	3.09	
		Moisture Removal	ℓ /hr.	1.5	1.5	1.8	1.8
Air Circulation (Max)		m ³ /min	9.2	9.2	13	13	
Noise Level	Indoor High/Low	dB	36/31/26	36/31/26	40/36/32	40/36/32	
	Outdoor High	dB	47	47	52	52	
Electrical Data							
Power Source			V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	1,260	1,300	1,900	1,900	
	Heating	W	1,160	1,160	1,900	1,900	
Operating Current	Cooling	A	5.8	5.8	9.5	9.5	
	Heating	A	5.3	5.3	9	9	
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	1,065x298x218	825x285x189	
	Outdoor	mm	660x495x240	660x470x240	790x548x285	790x548x285	
Net Weight	Indoor	kg	8.4	8.4	13.0	8.4	
	Outdoor	kg	28	26.0	39.0	39.0	
Shipping Weight	Indoor	kg	10.6	10.6	16.0	10.6	
	Outdoor	kg	30	27.5	43.0	43.0	
Loading Q'ty	W Pipe	20/40ft/jumbo	116/240/268	116/240/273	82/170/197	91/193/216	
	W/O Pipe	20/40ft/jumbo	126/262/294	136/280/303	82/170/197	101/209/233	
Technical Information							
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	ø12.7mmx5m	
Piping Length	STD	m	5	5	5	5	
	Max	m	15	15	15	15	
Piping Height	STD	m	7	7	8	8	
	Max	m	7	7	8	8	
Refrigerant		G	760	720	-	-	
Add Refrigerant		g/m	20	20	30	30	
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			•	-	•	•	
	Digital i Plus		-	-	-	-	
Operating Mode	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	-	-	-	-	

ME AFRICA							
AQ24FC	AS12FC	AS18FC	AS24FC	AQ12FC	AQ12FG	AQ18FC	AQ24FC

		HP	CO	CO	CO	HP	HP	HP	HP	
Power Source		V/Hz/ø	220-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	
Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	
Performance										
Capacity	Cooling	Btu/hr.	24,000	12,000	18,000	24,000	12,000	12,000	18,000	24,000
		Cal/hr.	5,847	3,024	-	5,847	3,024	3,024	4,536	5,847
		kW	6.8	3.52	5.1/3.85	6.8	3.52	3.52	5.10	6.8
	Heating	Btu/hr.	24,000	-	-	-	13,000	13,000	20,000	24,000
		Cal/hr.	6,019	-	-	-	3,276	3,276	5,040	6,019
		kW	7.00	-	-	-	3.81	3.81	5.60	7.00
Energy Efficiency	Cooling	EER (Btu/W)	9.23	10.00	9.47	9.23	9.52	9.23	9.47	9.23
		EER(W/W)	2.62	2.93	2.68	2.62	2.79	2.71	2.68	2.62
	Heating	COP(W/W)	2.64	-	3.26	-	3.28	3.28	3.26	2.64
		Moisture Removal	ℓ /hr.	2.6	1.5	1.8	2.69	1.5	1.5	1.8
Air Circulation (Max)		m ³ /min	17	8.0	13.0	17	9.2	9.2	13.0	17
Noise Level	Indoor High/Low	dB	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	55	47	52	55	47	47	52	55
Electrical Data										
Power Source		V/Hz/ø	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	Cooling	W	2,600	1,200	1,900/2250	2,600	1,260	1,300	1,900/2,250	2,600
	Heating	W	2,650	-	-	-	1,160	1,160	1,800	6,500
Operating Current	Cooling	A	12.5	6.8	8.8/10.1	12	5.8	5.8	8.8/10.1	12
	Heating	A	12.5	-	-	-	5.3	5.3	8.2	12
Net Dimension (WxHxD)	Indoor	mm	1,065x298x218	825x285x189	1,065x298x218	1,065x298x218	825x285x189	825x285x189	1,065x298x218	1,065x298x218
	Outdoor	mm	790x548x285	660x470x240	790x548x285	790x548x285	660x495x240	660x470x240	790x548x285	790x548x285
Net Weight	Indoor	kg	13.0	8.4	13.0	13.0	8.4	8.4	13.0	13.0
	Outdoor	kg	41.0	26	39.0	41.0	28	26.0	39.0	41.0
Shipping Weight	Indoor	kg	16.0	10.6	16.0	16.0	10.6	10.6	16.0	16.0
	Outdoor	kg	45.0	27.5	43.0	45.0	30	27.5	43.0	45.0
Loading Q'ty	W Pipe	20/40ft/jumbo	82/170/197	116/240/273	82/170/197	82/170/197	116/240/268	116/240/273	82/170/197	82/170/197
	W/O Pipe	20/40ft/jumbo	82/170/197	136/280/303	82/170/197	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
	Gas	ODxL	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
	Max	m	20	15	15	20	15	15	15	20
Piping Height	STD	m	8	7	8	8	7	7	8	8
	Max	m	1,450	680	950	1,420	760	720	1,100	1,420
Add Refrigerant		g/m	40	20	-	40	20	20	-	40
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			•	-	•	•	•	•	•	•
	Digital i Plus		-	-	-	-	-	-	-	-
Operating Mode	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
Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	
Air Direction Control (Left/Right)		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	
Low Ambient	Cooling	°C	-	-	-	-	-	-	-	-
	Heating	°C	-	-	-	-	-	-	-	-

Free Joint Multi Series (Indoor Unit)



MB

Model Code		MH026FBEA	MH035FBEA	MH052FBEA	
Power Source (ø / V / Hz)		1/220~240/50	1/220~240/50	1/220~240/50	
Mode		HP	HP	HP	
Performance					
Cooling	kW	2.6	3.5	5.2	
	Btu/h	8,871	11,942	17,742	
Heating	kW	2.9	3.8	5.6	
	Btu/h	9,895	12,966	19,107	
Sound Level(High/Low)	dBA	31/20 *5)	35/21 *5)	40/30 *5)	
Power					
Fan	Type	-	Cross Flow Fan	Cross Flow Fan	
	Airflow Rate (Cool/Heat)	m ³ /min	8.14/8.23	9.16/9.46	14.98/14.49
	External Static Pressure (Standard/High)	mmAq	-	-	-
Running Curre	Cooling/Heating	A	0.18/0.18	0.30/0.3	
Power Input	Cooling/Heating	W	30/30	50/50	
Piping					
Connecting Pipe	Liquid(Flare)	ø.mm	6.35	6.35	
	Gas(Flare)	ø.mm	9.52	9.52	
	Drain	ø.mm	ID 18	ID 18	
Set Size					
Net Weight	kg	10.2	10.2	13.0	
Shipping Weight	kg	11.5	11.5	16.0	
Net Dimensions (WxHxD)	mm	900X304X185	900X304X185	1,100X307X225	
Shipping Dimensions (WxHxD)	mm	963X349X247	963X349X247	1,157X381X292	
Accessories					
Panel	-	-	-	-	
Filter	-	-	-	-	
Drain Pump	-	-	-	-	



Neo Forte

Model Code		MH020FNEA	MH026FNEA	MH035FNEA	MH052FNEA
Power Source (ø / V / Hz)		1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode		HP	HP	HP	HP
Performance					
Cooling	kW	2	2.6	3.5	5.2
	Btu/h	6,824	8,871	11,942	17,742
Heating	kW	2.2	2.9	3.8	5.6
	Btu/h	7,506	9,895	12,966	19,107
Sound Level(High/Low)	dBA	32/23 *5)	32/23 *5)	36/23 *5)	40/30 *5)
Power					
Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Airflow Rate (Cool/Heat)	m ³ /min	7.73/8	8.31/8.56	9.54/9.93
	External Static Pressure (Standard/High)	mmAq	-	-	-
Running Curre	Cooling/Heating	A	0.18/0.18	0.19/0.19	0.3/0.3
Power Input	Cooling/Heating	W	30/30	35/35	50/50
Piping					
Connecting Pipe	Liquid(Flare)	ø.mm	6.35	6.35	6.35
	Gas(Flare)	ø.mm	9.52	9.52	12.70
	Drain	ø.mm	ID 18	ID 18	ID 18
Set Size					
Net Weight	kg	7.8	7.8	7.8	13.0
Shipping Weight	kg	9.4	9.4	9.4	16.0
Net Dimensions (WxHxD)	mm	825X285X189	825X285X189	825X285X189	1,099X315X217
Shipping Dimensions (WxHxD)	mm	900X349X252	900X349X252	900X349X252	1,137X377X299
Accessories					
Panel	-	-	-	-	-
Filter	-	-	-	-	-
Drain Pump	-	-	-	-	-



VIVACE

Model Code		MH020FVEA	MH026FVEA	MH035FVEA	MH052FVEA
Power Source (ø / V / Hz)		1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode		HP	HP	HP	HP
Performance					
Cooling	kW	2	2.6	3.5	5.2
	Btu/h	6,824	8,871	11,942	17,742
Heating	kW	2.2	2.9	3.8	5.6
	Btu/h	7,506	9,895	12,966	19,107
Sound Level(High/Low)	dBA	31/21 *5)	31/21 *5)	35/21 *5)	40/30 *5)
Power					
Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Airflow Rate (Cool/Heat)	m ³ /min	7.5/8.1	8.5/8.3	10/10.4
	External Static Pressure (Standard/High)	mmAq	-	-	-
Running Curre	Cooling/Heating	A	0.18/0.18	0.19/0.19	0.30/0.3
Power Input	Cooling/Heating	W	30/30	35/35	50/50
Piping					
Connecting Pipe	Liquid(Flare)	ø.mm	6.35	6.35	6.35
	Gas(Flare)	ø.mm	9.52	9.52	12.70
	Drain	ø.mm	ID 18	ID 18	ID 18
Set Size					
Net Weight	kg	8.5	8.5	8.5	12.0
Shipping Weight	kg	11.5	11.5	11.5	15.0
Net Dimensions (WxHxD)	mm	825X285X189	825X285X189	825X285X189	1,065X298X214
Shipping Dimensions (WxHxD)	mm	900X349X252	900X349X252	900X349X252	1,137X377X299
Accessories					
Panel	-	-	-	-	-
Filter	-	-	-	-	-
Drain Pump	-	-	-	-	-



Console



1way Cassette

Model Code		MH026FVEA	MH035FVEA	MH052FVEA	MH026FSEA	MH052FVEA
Power Source (ø / V / Hz)		1/220~240/50	1/220~240/50	1/220~240/50	1,220~240/50	1,220~240/50
Mode		HP	HP	HP	HP	HP
Performance						
Cooling	kW	2.6	3.5	5.2	2.6	3.5
	Btu/h	8,871	11,942	17,700	8,800	11,900
Heating	kW	2.9	3.8	5.6	2.9	3.8
	Btu/h	9,895	12,966	19,100	9,800	12,900
Sound Level(High/Low)	dBA	31/21 *5)	-	-	-	-
Power						
Fan	Type	-	Cross Flow Fan	Turbo Fan	Turbo Fan	Cross Flow Fan
	Airflow Rate (Cool/Heat)	m ³ /min	8.5/8.3	-	11.2 / 12.6 *5)	6.2 *5) / 7.5 *5)
	External Static Pressure (Standard/High)	mmAq	-	-	-	-
Running Curre	Cooling/Heating	A	0.18/0.18	-	0.35 *5)	0.23 *5)
Power Input	Cooling/Heating	W	30/30	-	50 *5)	45 *5)
Piping						
Connecting Pipe	Liquid(Flare)	ø.mm	6.35	6.35	6.35	6.35
	Gas(Flare)	ø.mm	9.52	9.52	12.70	9.52
	Drain	ø.mm	ID 18	-	ID 18 hose	VP20(OD 25, ID 20)
Set Size						
Net Weight	kg	8.5	14.5	15.0	10.5	10.5
Shipping Weight	kg	11.5	18.5	19.0	13.5	13.5
Net Dimensions (WxHxD)	mm	825X285X189	720X620X199	720X620X199	970X135X410	970X135X410
Shipping Dimensions (WxHxD)	mm	900X349X252	810X710X295	810X710X295	1164X212X478	1164X212X478
Accessories						
Panel	-	-	-	-	PSSMA	PSSMA
Filter	-	-	-	-	Filter (Washable)	Filter (Washable)
Drain Pump	ø/h/mm	-	-	-	24/750	24/750

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Due to ongoing improvement on products, specifications may change without prior notice.

Notes

- *1) Mode - HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on - Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on - Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Free Joint Multi Series (Indoor Unit)



Mini 4way Cassette

Model Code		MH030FMEA	MH035FMEA	MH052FMEA	
Power Source (ø / V / Hz)		1/220~240/50	1/220~240/50	1/220~240/50	
Mode		HP	HP	HP	
Performance					
Cooling	kW	3.5	3.5	5.2	
	Btu/h	11900	11900	17700	
Heating	kW	3.8	3.8	5.6	
	Btu/h	12900	12900	19100	
Sound Level(High/Low)	dBA	40/37	40/37	44/40	
Power					
Fan	Type	-	Turbo Fan	Turbo Fan	
	Airflow Rate (Cool/Heat)	m³/min	10.8/11.7	10.8/11.7	12.1/13.6
	External Static Pressure (Standard/High)	mmAq	-	-	-
Running Current	Cooling/Heating	A	0.37/0.37	0.52/0.52	
Power Input	Cooling/Heating	W	85/85	120/120	
Piping					
Connecting Pipe	Liquid(Flare)	ø,mm	6.35	6.35	
	Gas(Flare)	ø,mm	9.52	9.52	12.70
	Drain	ø,mm	VP:25 (OD:32, ID:25)	VP:25 (OD:32, ID:25)	VP:25 (OD:32, ID:25)
Set Size					
Net Weight	kg	17.0	17.0	17.0	
Shipping Weight	kg	20.0	20.0	20.0	
Net Dimensions (WxHxD)	mm	575x260x575	575x260x575	575x260x575	
Shipping Dimensions (WxHxD)	mm	660x310x635	660x310x635	660x310x635	
Accessories					
Panel	-	PMSMA	PMSMA	PMSMA	
Filter	-	Built-in	Built-in	Built-in	
Drain Pump	-	Built-in	Built-in	Built-in	



VIVACE

Model Code		MH026FSEEA	MH035FEEA	MH052FUEA	
Power Source (ø / V / Hz)		1/220~240/50	1/220~240/50	1/220~240/50	
Mode		HP	HP	HP	
Performance					
Cooling	kW	2.6	3.5	5.2	
	Btu/h	8,800	11,900	17,742	
Heating	kW	2.9	3.8	5.6	
	Btu/h	9,800	12,900	19,107	
Sound Level(High/Low)	dBA	31/26	32/27	-	
Power					
Fan	Type	-	Sirocco Fan	Sirocco Fan	
	Airflow Rate (Cool/Heat)	m³/min	8.6/9.0	9.8/10.3	-
	External Static Pressure (Standard/High)	mmAq	2/4	2/4	6/10
Running Current	Cooling/Heating	A	0.4/0.4	-	
Power Input	Cooling/Heating	W	80/80	-	
Piping					
Connecting Pipe	Liquid(Flare)	ø,mm	6.35	6.35	
	Gas(Flare)	ø,mm	9.52	9.92	12.70
	Drain	ø,mm	VP:25 (OD:32, ID:25)	VP:25 (OD:32, ID:25)	-
Set Size					
Net Weight	kg	26.0	26.0	29.5	
Shipping Weight	kg	31.0	31.0	34.5	
Net Dimensions (WxHxD)	mm	900x199x600	900x199x600	900x260x480	
Shipping Dimensions (WxHxD)	mm	1,133x333x722	1,133x333x722	1,146x363x584	
Accessories					
Panel	-	-	-	-	
Filter	-	Option(MF-E0EF)	Option(MF-E0EF)	-	
Drain Pump	-	MDP-E07SSEE	MDP-E07SSEE	MSP-M075SSGU3	

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Due to ongoing improvement on products, specifications may change without prior notice.

Pack Multi Split (Forte Type)



MODEL NO.	Outdoor Unit		MH18VF1X	MH19VF1X
	Indoor Unit		MH18VF1-09 MH18VF1-09	MH19VF1-07 MH19VF1-12
Performance				
Capacity(Cooling/Heating)	1Unit(A)	kW	2.6/2.9	2.1/2.4
	1Unit(B or C)	kW	2.6/2.9	3.5/3.8
	2Unit[A+(B or C)]	kW	3.9/4.4	3.9/4.4
Energy Efficiency	1Unit(A)	EER (Btu/W)	3.470	3.890
		COP (W/W)	3.440	3.000
	1Unit(B or C)	EER (Btu/W)	3.470	3.020
		COP (W/W)	3.440	3.280
	2Unit[A+(B or C)]	EER (Btu/W)	3.360	3.360
		COP (W/W)	3.790	3.790
Moisture Removal		g /hr	1.6	1.6
Air Circulation (Max)	1Unit(A)	m³/min	8.3	7.73
	1Unit(B or C)	m³/min	8.3	9.5
Noise Level	Indoor (A-Unit)	dB(A)	43	43
	Indoor (B-Unit or C-Unit)	dB(A)	43	43
	Outdoor Unit	dB(A)	51/52	51/52
Electrical Data				
Power Consumption		V/Hz/Ø	220-240/50/1	220-240/50/1
Operating Current	1Unit(A)	W	750/900	540/800
	1Unit(B or C)	W	750/900	1,160/1,160
	2Unit[A+(B or C)]	W	1,160/1,160	1,160/1,160
Dimension & Loading Q'ty	1Unit(A)	A	3.4/4.1	2.5/3.7
	1Unit(B or C)	A	3.4/4.1	5.3/5.3
	2Unit[A+(B or C)]	A	5.3/5.3	5.3/5.3
Dimension & Loading Q'ty				
Net Dimension (WxHxD)	Indoor (A-Unit)	mm	825x285x189	825x285x189
	Indoor (B-Unit or C-Unit)	mm	825x285x189	825x285x189
	Outdoor Unit	mm	548x790x285	548x790x285
Net Weight	Indoor(A-Unit)	kg	8.4	8.4
	Indoor(B-Unit or C-Unit)	kg	8.4	8.4
	Outdoor Unit	kg	41	41
Shipping Weight	Indoor(A-Unit)	kg	10.6	10.6
	Indoor(B-Unit or C-Unit)	kg	10.6	10.6
	Outdoor Unit	kg	44	44
Loading Q'ty	W/O Pipe		153	153
	W/Pipe		-	-
Technical Information				
SVC Valve	Liquid(A)	ODxL	Ø6.35mmx7.5m	Ø6.35mmx7.5m
	Gas(A)	ODxL	Ø9.52mmx7.5m	Ø9.52mmx7.5m
	Liquid(B or C)	ODxL	Ø6.35mmx7.5m	Ø6.35mmx7.5m
	Gas(B or C)	ODxL	Ø9.52mmx7.5m	Ø9.52mmx7.5m
Piping Length	STD	m	7.5	7.5
	Max	m	30	30
Piping Height	Max	m	7.5	7.5
Refrigerant	G		1,300	1,300
Add Refrigerant	g/m		10	10
Features				
Good Sleep II			•	•
Silver Coated Health System	Silver Coated Filter		•	•
	Silver Coated Evaporator		•	•
Pure and Clean Air	DNA Filter		-	-
	Pure Filter(HAF Filter)		-	-
	Catechin Filter		•	•
Operating Mode	Deodorizing Filter		•	•
	Digital i Plus		-	-
	Dehumidification		•	•
	Turbo Mode		•	•
	Timer		•	•
	Energy Saving Mode		-	-
	Auto Restart		•	•
	Auto Changeover		-	-
Convenience	Auto Wind		•	•
	Airflow Control Steps(Coo/Fan)		4/3	4/3
	Air Direction Control(Up/Down)		AUTO	AUTO
	Air Direction Control(Left/Right)		MANUAL	MANUAL
	Auto Grille		-	-
	Remote Controller		•	•
	Auto Clean(Self cleaning)		-	-
Etc.	Compressor Type		Rotary(BLDC)	Rotary(BLDC)
Low Ambient	Cooling	°C	-5~43	-5~43
	Heating	°C	-15~24	-15~24

Capacity Combination Table

MH040FXEA2B (Cooling)

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			EER	EG	
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A			
1 Unit	2000	-	-	-	51%	2000	2100	0	0	0	2100	1280	2100	2520	400	540	630	2.2	2.5	2.9	3.89	A	
	2600	-	-	-	67%	2600	2600	0	0	0	2600	1280	2600	3120	400	750	880	2.2	3.4	4	3.47	A	
	3500	-	-	-	90%	3500	3500	0	0	0	3500	1300	3500	4200	400	1160	1240	2.2	5.3	5.7	3.02	B	
2 Unit	2000	2000	-	-	103%	4000	1950	1950	0	0	3900	1350	3900	4200	420	1160	1250	2.3	5.3	5.7	3.36	A	
	2000	2600	-	-	118%	4600	1700	2200	0	0	3900	1500	3900	4200	420	1140	1250	2.3	5.2	5.7	3.42	A	
	2000	3500	-	-	141%	5500	1420	2480	0	0	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	A	
	2600	2600	-	-	133%	5200	1950	1950	0	0	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	A	
	2600	3500	-	-	156%	6100	1660	2240	0	0	3900	1500	3900	4200	440	1140	1250	2.4	5.2	5.7	3.42	A	
Multi Split (Wall Mounted Type)																							
2 Unit	2000	3500	-	-	141%	5500	1418	2482	0	0	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	A	
	2600	2600	-	-	133%	5200	1950	1950	0	0	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	A	

(Heating)

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG	
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A			
1 Unit	2200	-	-	-	50%	2200	2400	0	0	0	2400	1300	2400	2990	280	800	910	1.5	3.7	4.2	3.00	D	
	2900	-	-	-	66%	2900	3100	0	0	0	3100	1300	3100	3450	280	900	1080	1.5	4.1	4.9	3.44	B	
	3800	-	-	-	86%	3800	3800	0	0	0	3800	1300	3800	4370	280	1160	1420	1.5	5.3	6.5	3.28	C	
2 Unit	2200	2200	-	-	100%	4400	2200	2200	0	0	4400	1500	4400	4700	300	1160	1390	1.6	5.3	6.4	3.79	A	
	2200	2900	-	-	116%	5100	1900	2500	0	0	4400	1500	4400	4700	300	1160	1420	1.6	5.3	6.5	3.79	A	
	2200	3800	-	-	136%	6000	1610	2790	0	0	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	A	
	2900	2900	-	-	132%	5800	2200	2200	0	0	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	A	
	2900	3800	-	-	152%	6700	1900	2500	0	0	4400	1500	4400	4700	300	1120	1490	1.6	5.1	6.8	3.93	A	
Multi Split (Wall Mounted Type)																							
2 Unit	2200	3800	-	-	136%	6000	1613	2787	0	0	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	A	
	2900	2900	-	-	132%	5800	2200	2200	0	0	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	A	

MH050FXEA2B (Cooling)

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			EER	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2000	-	-	-	40%	2000	2400	0	0	0	2400	1280	2400	2880	400	730	880	1.9	3.3	4	3.29	A
	2600	-	-	-	52%	2600	2600	0	0	0	2600	1280	2600	3120	400	800	960	1.9	3.7	4.4	3.25	A
	3500	-	-	-	70%	3500	3500	0	0	0	3500	1280	3500	4200	400	1090	1310	1.9	5	6	3.21	A
	5200	-	-	-	104%	5200	5000	0	0	0	5000	1300	5000	5200	400	1660	1740	1.9	7.6	8	3.01	B
2 Unit	2000	2000	-	-	80%	4000	2000	2000	0	0	4000	1350	4000	4800	420	1245	1490	2	5.7	6.8	3.21	A
	2000	2600	-	-	92%	4600	2000	2600	0	0	4600	1350	4600	5200	420	1430	1720	2	6.5	7.9	3.22	A
	2000	3500	-	-	110%	5500	1820	3180	0	0	5000	1350	5000	5400	420	1490	1780	2	6.8	8.1	3.36	A
	2000	5200	-	-	144%	7200	1390	3610	0	0	5000	1500	5000	5400	440	1380	1800	2.1	6.3	8.2	3.62	A
	2600	2600	-	-	104%	5200	2500	2500	0	0	5000	1500	5000	5400	440	1500	1780	2.1	6.9	8.1	3.33	A
	2600	3500	-	-	122%	6100	2130	2870	0	0	5000	1500	5000	5400	440	1500	1780	2.1	6.9	8.1	3.33	A
	2600	5200	-	-	156%	7800	1670	3330	0	0	5000	1500	5000	5400	440	1330	1800	2.1	6.1	8.2	3.76	A
	3500	3500	-	-	140%	7000	2500	2500	0	0	5000	1500	5000	5400	440	1500	1780	2.1	6.9	8.1	3.33	A

Heating

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2200	-	-	-	39%	2200	2500	0	0	0	2500	1300	2500	2990	320	880	1010	1.7	4	4.6	2.84	D
	2900	-	-	-	51%	2900	2900	0	0	0	2900	1300	2900	3340	320	1030	1290	1.7	4.7	5.9	2.82	D
	3800	-	-	-	67%	3800	3800	0	0	0	3800	1300	3800	4370	320	1300	1620	1.7	5.9	7.4	2.92	D
	5600	-	-	-	98%	5600	5400	0	0	0	5400	1450	5400	5600	340	1810	2060	1.8	8.3	9.4	2.98	D
2 Unit	2200	2200	-	-	77%	4400	2200	2200	0	0	4400	1450	4400	4750	350	1220	1390	1.9	5.6	6.4	3.61	A
	2200	2900	-	-	89%	5100	2200	2900	0	0	5100	1450	5100	5460	350	1410	1610	1.9	6.5	7.4	3.62	A
	2200	3800	-	-	105%	6000	2090	3610	0	0	5700	1500	5700	6300	350	1520	1950	1.9	7	8.9	3.75	A
	2200	5600	-	-	137%	7800	1610	4090	0	0	5700	1500	5700	6400	350	1440	1830	1.9	6.6	8.4	3.96	A
	2900	2900	-	-	102%	5800	2850	2850	0	0	5700	1500	5700	6300	350	1550	2060	1.9	7.1	9.4	3.68	A
	2900	3800	-	-	118%	6700	2470	3230	0	0	5700	1500	5700	6300	350	1480	1940	1.9	6.8	8.9	3.85	A
	2900	5600	-	-	149%	8500	1940	3760	0	0	5700	1500	5700	6400	350	1400	1830	1.9	6.4	8.4	4.07	A
	3800	3800	-	-	133%	7600	2850	2850	0	0	5700	1500	5700	6300	350	1470	1890	1.9	6.7	8.6	3.88	A

Notes

Due to ongoing improvement on products, specifications may change without prior notice.

MH060FXEA3B (Cooling)

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			EER	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2000	-	-	-	34%	2000	2400	0	0	0	2400	1280	2400	2880	400	730	880	2.2	3.3	4.3	3.29	A
	2600	-	-	-	44%	2600	2600	0	0	0	2600	1280	2600	3120	400	790	1010	2.2	3.6	4.6	3.29	A
	3500	-	-	-	59%	3500	3500	0	0	0	3500	1280	3500	4200	400	1070	1370	2.2	4.9	6.3	3.27	A
	5200	-	-	-	88%	5200	5200	0	0	0	5200	1300	5200	5800	400	1620	1900	2.2	7.4	8.7	3.21	A
2 Unit	2000	2000	-	-	68%	4000	2000	2000	0	0	4000	1300	4000	4800	420	1240	1480	2.3	5.7	6.8	3.23	A
	2000	2600	-	-	78%	4600	2000	2600	0	0	4600	1300	4600	5520	420	1410	1680	2.3	6.5	7.7	3.26	A
	2000	3500	-	-	93%	5500	1910	3340	0	0	5250	1300	5250	6290	430	1550	1820	2.3	7.1	8.3	3.39	A
	2000	5200	-	-	122%	7200	1530	3970	0	0	5500	1380	5500	6600	430	1580	1850	2.3	7.2	8.5	3.48	A
	2600	2600	-	-	88%	5200	2600	2600	0	0	5200	1300	5200	5800	420	1620	1800	2.3	7.4	8.2	3.21	A
	2600	3500	-	-	103%	6100	2260	3040	0	0	5300	1300	5300	6400	430	1550	1840	2.3	7.1	8.4	3.42	A
	2600	5200	-	-	132%	7800	1970	3930	0	0	5900	1380	5900	6800	430	1610	1880	2.3	7.4	8.6	3.66	A
	3500	3500	-	-	11																	

Capacity Combination Table

MH070FXEA4B (Cooling)

Number of Unit	Indoor Unit Combination					Cooling Capacity(W)					Capacity			Power Consumption			Current			EER	EG	
	A	B	C	D	% Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A			
1 Unit	2000	-	-	-	29%	2000	2400	0	0	2400	1350	2400	3000	380	780	950	1.7	3.6	4.3	3.08	B	
	2600	-	-	-	37%	2600	2600	0	0	2600	1350	2600	3480	390	840	1100	1.8	3.8	5	3.10	B	
	3500	-	-	-	50%	3500	3500	0	0	3500	1350	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10	B	
	5200	-	-	-	74%	5200	5200	0	0	5200	1400	5200	6240	420	1520	2160	1.9	7	9.9	3.42	A	
2 Unit	2000	2000	-	-	57%	4000	2000	2000	0	4000	1500	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23	A	
	2000	2600	-	-	66%	4600	2000	2600	0	4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22	A	
	2000	3500	-	-	79%	5500	2000	3500	0	5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22	A	
	2000	5200	-	-	103%	7200	1940	5060	0	7000	1900	7000	8400	580	2180	2520	2.7	10	11.5	3.21	A	
	2600	2600	-	-	74%	5200	2600	2600	0	5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13	B	
	2600	3500	-	-	87%	6100	2600	3500	0	6100	1820	6100	7320	440	1880	2260	2	8.6	10.3	3.24	A	
	2600	5200	-	-	111%	7800	2330	4670	0	7000	1900	7000	8400	580	2130	2540	2.7	9.7	11.6	3.29	A	
	3500	3500	-	-	100%	7000	3500	3500	0	7000	1900	7000	8400	580	2120	2530	2.7	9.7	11.6	3.30	A	
	3500	5200	-	-	124%	8700	2820	4180	0	7000	1900	7000	8900	580	2110	2540	2.7	9.7	11.6	3.32	A	
	5200	5200	-	-	149%	10400	3500	3500	0	7000	1900	7000	8900	580	2000	2540	2.7	9.2	11.6	3.50	A	
3 Unit	2000	2000	2000	-	86%	6000	2000	2000	2000	0	6000	1810	6000	7200	440	1800	2280	2	8.2	10.4	3.33	A
	2000	2000	2600	-	94%	6600	2000	2000	2600	0	6600	1870	6600	7920	440	1830	2460	2	8.4	11.3	3.61	A
	2000	2000	3500	-	107%	7500	1780	1780	3120	0	6680	1900	6680	8020	580	1835	2410	2.7	8.4	11	3.64	A
	2000	2000	5200	-	131%	9200	1520	1520	3960	0	7000	1900	7000	8900	580	1850	2460	2.7	8.5	11.3	3.78	A
	2000	2600	2600	-	103%	7200	1850	2400	2400	0	6650	1900	6650	7980	580	1830	2410	2.7	8.4	11	3.63	A
	2000	2600	3500	-	116%	8100	1670	2160	2910	0	6740	1900	6740	8080	580	1840	2460	2.7	8.4	11.3	3.66	A
	2000	2600	5200	-	140%	9800	1430	1860	3710	0	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A
	2000	3500	3500	-	129%	9000	1520	2650	2650	0	6820	1900	6820	8180	580	1850	2510	2.7	8.5	11.5	3.69	A
	2000	3500	5200	-	153%	10700	1310	2290	3400	0	7000	1900	7000	8900	580	1930	2510	2.7	8.8	11.5	3.63	A
	2600	2600	2600	-	111%	7800	2240	2240	2240	0	6720	1900	6720	8050	580	1840	2420	2.7	8.4	11.1	3.65	A
	2600	2600	3500	-	124%	8700	2030	2030	2730	0	6790	1900	6790	8150	580	1850	2460	2.7	8.5	11.3	3.67	A
	2600	2600	5200	-	149%	10400	1750	1750	3500	0	7000	1900	7000	8900	580	1880	2510	2.7	8.6	11.5	3.72	A
	2600	3500	3500	-	137%	9600	1900	2550	2550	0	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A
	3500	3500	3500	-	150%	10500	2330	2330	2330	0	6990	1900	6990	8900	580	1900	2510	2.7	8.7	11.5	3.68	A
	4 Unit	2000	2000	2000	2000	114%	8000	1680	1680	1680	6720	1900	6720	8070	580	1850	2460	2.7	8.5	11.3	3.63	A
		2000	2000	2000	2600	123%	8600	1580	1580	2040	6780	1900	6780	8140	580	1880	2460	2.7	8.6	11.3	3.61	A
2000		2000	2000	3500	136%	9500	1470	1470	2590	7000	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68	A	
2000		2000	2600	2600	131%	9200	1520	1520	1980	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A	
2000		2000	2600	3500	144%	10100	1390	1390	1800	2420	7000	1900	7000	8900	580	1900	2510	2.7	8.7	11.5	3.68	A
2000		2600	2600	2600	140%	9800	1420	1860	1860	7000	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68	A	
2000		2600	2600	3500	153%	10700	1310	1700	1700	2290	7000	1900	7000	8900	580	1930	2550	2.7	8.8	11.7	3.63	A
2600		2600	2600	2600	149%	10400	1750	1750	1750	7000	1900	7000	8900	580	1900	2550	2.7	8.7	11.7	3.68	A	

Notes

Due to ongoing improvement on products, specifications may change without prior notice.

MH070FXEA4B (Heating)

Number of Unit	Indoor Unit Combination					Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG		
	A	B	C	D	% Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A				
1 Unit	2200	-	-	-	26%	2200	2500	0	0	2500	1790	2500	3220	580	950	1330	2.7	4.3	6.1	2.63	E		
	2600	-	-	-	30%	2600	2900	0	0	2900	1820	2900	3680	590	1100	1500	2.7	5	6.9	2.64	E		
	3800	-	-	-	44%	3800	3800	0	0	3800	1930	3800	4600	600	1250	1810	2.7	5.7	8.3	3.04	D		
	5600	-	-	-	65%	5600	5600	0	0	5600	2080	5600	6440	610	1670	2370	2.8	7.6	10.8	3.35	C		
2 Unit	2200	2200	-	-	51%	4400	2200	2200	0	4400	1980	4400	5060	600	1220	1530	2.7	5.6	7	3.61	A		
	2200	2900	-	-	59%	5100	2200	2900	0	5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62	A		
	2200	3800	-	-	70%	6000	2200	3800	0	6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.61	B		
	2200	5600	-	-	91%	7800	2200	5600	0	7800	2200	7800	9130	620	2150	2700	2.8	9.8	12.4	3.63	A		
	2900	2900	-	-	67%	5800	2900	2900	0	5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63	A		
	2900	3800	-	-	78%	6700	2900	3800	0	6700	2170	6700	8040	610	1940	2330	2.8	8.9	10.7	3.45	B		
	2900	5600	-	-	99%	8500	2730	5270	0	8000	2200	8000	9600	620	2210	2650	2.8	10.1	12.1	3.62	A		
	3800	3800	-	-	88%	7600	3800	3800	0	7600	2200	7600	9120	620	2100	2510	2.8	9.6	11.5	3.62	A		
	3800	5600	-	-	109%	9400	3280	4840	0	8120	2200	8120	9740	620	2250	2700	2.8	10.3	12.4	3.61	A		
	5600	5600	-	-	130%	11200	4250	4250	0	8500	2200	8500	10200	620	2250	2740	2.8	10.3	12.5	3.78	A		
	3 Unit	2200	2200	2200	-	77%	6600	2200	2200	2200	0	6600	2170	6600	7590	610	1830	2530	2.8	8.4	11.6	3.61	A
		2200	2200	2900	-	85%	7300	2200	2200	2900	0	7300	2200	7300	8400	620	1880	2590	2.8	8.6	11.9	3.88	A
		2200	2200	3800	-	95%	8200	2200	2200	3800	0	8200	2200	8200	9590	620	1930	2660	2.8	8.8	12.2	4.25	A
		2200	2200	5600	-	116%	10000	1890	1890	4820	0	8600	2200	8600	10300	620	1960	2700	2.8	9	12.4	4.39	A
		2200	2900	2900	-	93%	8000	2200	2900	2900	0	8000	2200	8000	9360	620	1900	2620	2.8	8.7	12	4.21	A
		2200	2900	3800	-	103%	8900	2040	2690	3530	0	8260	2200	8260	9670	620	1930	2660	2.8	8.8	12.2	4.28	A
2200		290																					

Capacity Combination Table

MH080FXEA4B (Cooling)

Number of Unit	Indoor Unit Combination					Cooling Capacity(W)					Capacity			Power Consumption			Current			EER	EG		
	A	B	C	D	% Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A				
1 Unit	2000	-	-	-	25%	2000	2400	0	0	2400	1470	2400	3000	380	780	950	1.7	3.6	4.3	3.08	B		
	2600	-	-	-	33%	2600	2600	0	0	2600	1520	2600	3480	390	840	1100	1.8	3.8	5	3.10	B		
	3500	-	-	-	44%	3500	3500	0	0	3500	1600	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10	B		
	5200	-	-	-	65%	5200	5200	0	0	5200	1750	5200	6240	420	1520	2160	1.9	7	9.9	3.42	A		
2 Unit	2000	2000	-	-	50%	4000	2000	2000	0	4000	1640	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23	A		
	2000	2600	-	-	58%	4600	2000	2600	0	4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22	A		
	2000	3500	-	-	69%	5500	2000	3500	0	5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22	A		
	2000	5200	-	-	90%	7200	2000	5200	0	7200	1900	7200	8640	480	2240	2690	2.7	10.3	12.3	3.21	A		
	2600	2600	-	-	65%	5200	2600	2600	0	5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13	B		
	2600	3500	-	-	76%	6100	2600	3500	0	6100	1820	6100	7320	440	1900	2260	2	8.7	10.3	3.21	A		
	2600	5200	-	-	98%	7800	2400	4800	0	7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21	A		
	3500	3500	-	-	88%	7000	3500	3500	0	7000	1900	7000	8400	580	2180	2620	2.7	10	12	3.21	A		
	3500	5200	-	-	109%	8700	2960	4390	0	7350	1900	7350	8820	580	2290	2750	2.7	10.5	12.6	3.21	A		
	5200	5200	-	-	130%	10400	3830	3830	0	7660	1900	7650	9180	580	2380	2860	2.7	10.9	13.1	3.21	A		
3 Unit	2000	2000	2000	-	75%	6000	2000	2000	2000	0	6000	1810	6000	7200	440	1850	2310	2	8.5	10.6	3.24	A	
	2000	2000	2600	-	83%	6600	2000	2000	2600	0	6600	1870	6600	7920	440	2000	2500	2	9.2	11.4	3.30	A	
	2000	2000	3500	-	94%	7500	2000	2000	3500	0	7500	1900	7500	9000	580	2220	2780	2.7	10.2	12.7	3.38	A	
	2000	2000	5200	-	115%	9200	1660	1660	4320	0	7640	1900	7650	9180	580	2190	2730	2.7	10	12.5	3.49	A	
	2000	2600	2600	-	90%	7200	2000	2600	2600	0	7200	1900	7200	8640	580	2150	2680	2.7	9.8	12.3	3.35	A	
	2000	2600	3500	-	101%	8100	1860	2420	3260	0	7540	1900	7550	9060	580	2150	2690	2.7	9.8	12.3	3.51	A	
	2000	2600	5200	-	123%	9800	1570	2050	4090	0	7710	1900	7710	9250	580	2190	2730	2.7	10	12.5	3.52	A	
	2000	3500	3500	-	113%	9000	1700	2970	2970	0	7640	1900	7640	9160	580	2190	2730	2.7	10	12.5	3.49	A	
	2000	3500	5200	-	134%	10700	1500	2620	3890	0	8010	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54	A	
	2600	2600	2600	-	98%	7800	2510	2510	2510	0	7530	1900	7530	9030	580	2110	2640	2.7	9.7	12.1	3.57	A	
	2600	2600	3500	-	109%	8700	2270	2270	3060	0	7600	1900	7610	9130	580	2140	2690	2.7	9.8	12.3	3.56	A	
	2600	2600	5200	-	130%	10400	1940	1940	3880	0	7760	1900	7760	9300	580	2210	2780	2.7	10.1	12.7	3.51	A	
	2600	3500	3500	-	120%	9600	2080	2800	2800	0	7680	1900	7690	9230	580	2180	2730	2.7	10	12.5	3.53	A	
	2600	3500	5200	-	141%	11300	1840	2480	3680	0	8000	1900	8000	9300	580	2260	2870	2.7	10.3	13.1	3.54	A	
	3500	3500	3500	-	131%	10500	2670	2670	2670	0	8010	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54	A	
	3500	3500	5200	-	153%	12200	2300	2300	3410	0	8010	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48	A	
	4 Unit	2000	2000	2000	2000	100%	8000	1890	1890	1890	1890	7560	1900	7550	9050	580	2140	2690	2.7	9.8	12.3	3.53	A
		2000	2000	2000	2600	108%	8600	1770	1770	1770	2300	7610	1900	7600	9120	580	2140	2690	2.7	9.8	12.3	3.55	A
		2000	2000	2000	3500	119%	9500	1620	1620	1620	2830	7690	1900	7680	9220	580	2180	2730	2.7	10	12.5	3.52	A
		2000	2000	2000	5200	140%	11200	1430	1430	1430	3710	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A
2000		2000	2600	2600	115%	9200	1660	1660	2160	2160	7640	1900	7650	9180	580	2190	2730	2.7	10	12.5	3.49	A	
2000		2000	2600	3500	126%	10100	1530	1530	1990	2680	7730	1900	7730	9280	580	2200	2780	2.7	10.1	12.7	3.51	A	
2000		2000	2600	5200	148%	11800	1360	1360	1760	3530	8010	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A	
2000		2000	3500	3500	138%	11000	1450	1450	2550	2550	8000	1900	8000	9300	580	2280	2870	2.7	10.4	13.1	3.51	A	
2000		2600	2600	2600	123%	9800	1570	2050	2050	7720	1900	7710	9250	580	2190	2730	2.7	10	12.5	3.52	A		
2000		2600	2600	3500	134%	10700	1500	1940	1940	2620	8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54	A	
2000		2600	3500	3500	145%	11600	1380	1790	2410	2410	7990	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A	
2600		2600	2600	2600	130%	10400	1940	1940	1940	1940	7760	1900	7760	9300	580	2220	2780	2.7	10.2	12.7	3.50	A	
2600		2600	2600	3500	141%	11300	1840	1840	1840	2480	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A	
2600		2600	3500	3500	153%	12200	1700	1700	2300	2300	8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48	A	

Notes

Due to ongoing improvement on products, specifications may change without prior notice.

MH080FXEA4B (Heating)

Number of Unit	Indoor Unit Combination					Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG		
	A	B	C	D	% Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A				
1 Unit	2200	-	-	-	24%	2200	2500	0	0	2500	1790	2500	3220	580	950	1330	2.7	4.3	6.1	2.63	E		
	2900	-	-	-	31%	2900	2900	0	0	2900	1820	2900	3680	590	1110	1500	2.7	5.1	6.9	2.61	E		
	3800	-	-	-	41%	3800	3800	0	0	3800	1930	3800	4600	600	1250	1810	2.7	5.7	8.3	3.04	D		
	5600	-	-	-	60%	5600	5600	0	0	5600	2080	5600	6440	610	1670	2370	2.8	7.6	10.8	3.35	C		
2 Unit	2200	2200	-	-	47%	4400	2200	2200	0	4400	1980	4400	5060	600	1220	1530	2.7	5.6	7	3.61	A		
	2200	2900	-	-	55%	5100	2200	2900	0	5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62	A		
	2200	3800	-	-	65%	6000	2200	3800	0	6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41	B		
	2200	5600	-	-	84%	7800	2200	5600	0	7800	2200	7800	9130	620	2150	2580	2.8	9.8	11.8	3.63	A		
	2900	2900	-	-	62%	5800	2900	2900	0	5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63	A		
	2900	3800	-	-	72%	6700	2900	3800	0	6700	2170	6700	7710	610	1940	2330	2.8	8.9	10.7	3.45	B		
	2900	5600	-	-	91%	8500	2730	5270	0	8000	2200	8000	9360	620	2210	2600	2.8	10.1	11.9	3.62	A		
	3800	3800	-	-	82%	7600	3800	3800	0	7600	2200	7600	8740	620	2090	2510	2.8	9.6	11.5	3.64	A		
	3800	5600	-	-	101%	9400	3280	4840	0	8120	2200	8120	9500	620	2250	2650	2.8	10.3	12.1	3.61	A		
	5600	5600	-	-	120%	11200	4250	4250	0	8500	2200	8500	9950	620	2340	2750	2.8	10.7	12.6	3.63	A		
	3 Unit	2200	2200	2200	-	71%	6600	2200	2200	2200	0	6600	2170	6600	7590	610	1830	2220	2.8	8.4	10.2	3.61	A
		2200	2200	2900	-	78%	7300	2200	2200	2900	0	7300	2200	7300	8400	620	1950	2340	2.8	8.9	10.7	3.74	A
2200		2200	3800	-	88%	8200	2200	2200	3800	0	8200	2200	8200	9590	620	2150	2570	2.8	9.8	11.8	3.81	A	
2200		2200	5600	-	108%	10000	1900	1900	4830	0	8630	220											

MODEL NO.	NORTH AMERICA				
	Mechanical	AW05N*B8	AW06N*M8	AW08N*M8	AW10N*M8
	Electronic				
	Electronic (ES)				

Window Type

CO : Cooling HP : Heating Pump HT : Electric Heater		CO	CO	CO	CO
Voltage / Hz / Phase		115/60/1	115/60/1	115/60/1	115/60/1
Performance					
Cooling	(Btu/hr*W)	5,050	6,000	8,000	10,000
	(Kcal/hr)	1273	1512	2016	2520
	(kW)	1.48	1.76	2.34	2.93
Energy Efficiency	Energy Grade	-	-	-	-
	EER (Btu/W)	9.7	9.7	9.8	9.8
Moisture Removal	Pts/hr	1.4	1.7	2.2	3.2
Air Circulation (Max)	CFM	140	160	220	210
Noise Level	In/Out	50/53	52/54	54/58	55/58
Power Consumption	W	520	620	820	1020
Operating Current	A	4.7	5.6	7.4	9.4
Features					
Air Cleaning System	Anti Bacteria Filter	•	•	•	•
Silver Nano Health System™	Silver Nano Filter	-	-	-	-
	Silver Nano Evaporator	-	-	-	-
Operating Mode	Temperature Control	Mech	Mech	Mech	Mech
	Good Morning	-	-	-	-
	Timer	-	-	-	-
	Energy Saving Mode	-	-	-	-
	Auto Restart	-	-	-	-
Convenience	Rust Free Cabinet	•	•	•	•
	Ventilation Cotnrol	•	•	•	•
	Washable Grille	•	•	•	•
	Easy to Access Filter	•	•	•	•
	Auto Swing (Left & Right)	-	-	-	-
	Air Diflection	2-Way	2-Way	2-Way	2-Way
	Air Flow Control Steps (Cool/Fan)	2/2	2/2	2/2	2/2
Air Discharge	Top	Top	Top	Top	
Air Ventilation	-	-	-	-	
Slide in/out	-	-	-	-	
Remote Controller	-	-	-	-	
Size	Compressor type	Rotary	Rotary	Rotary	Rotary
	Net Weight(Pounds)	37.7	39.6	49.6	-
	Shipping Weight(Pounds)	42	43.9	-	65
	Net Dimension,inch (H)	12 2/9	12 2/9	12 3/5	14
	Net Dimension,inch (W)	16 3/4	16 3/4	19 7/24	19 2/3
	Net Dimension,inch (With out Grill,D)	12 7/16	12 7/16	16 2/5	16 2/5
	Loading Q'ty (4Q/40ft H)	810/931	810/931	460/552	456/460

NORTH AMERICA							
AW12N*M8	AW14N*M8	AW18N*M8	AW05N*B8	AW06N*B8	AW08N*B8	AW10N*B8	AW12N*B8
CO	CO	CO	CO	CO	CO	CO	CO
115/60/1	115/60/1	230-208/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
12,300	13,800	17900/17400	5,050	6,000	8,000	10,000	12,300
3100	3478	4511/4385	1273	1512	2016	2520	3100
3.60	4.04	5.25/5.10	1.48	1.76	2.34	2.93	3.60
-	-	-	-	-	-	-	-
9.8	9.8	9.7	9.7	9.7	9.8	9.8	9.8
3.4	3.6	5	1.4	1.7	2.2	3.2	3.4
280	310	470	140	160	220	210	280
55/59	55/59	60/66	50/53	52/54	54/58	55/58	55/59
1230	1,410	1850/1800	520	620	820	1020	1230
11.2	12	8.2/8.6	4.7	5.6	7.4	9.4	11.2
•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Mech	Mech	Mech	•	•	•	•	•
-	-	-	•	•	•	•	•
-	-	-	•	•	•	•	•
-	-	-	•	•	•	•	•
-	-	-	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-
2-Way	4-Way	4-Way	2-Way	2-Way	4-Way	4-Way	4-Way
2/2	3/2	3/2	3/3	3/3	3/3	3/3	3/3
Top	Top	Top	Top	Top	Top	Top	Top
-	Yes	Yes	-	-	•	•	•
-	Yes	Yes	-	-	-	•	•
-	-	Yes	•	•	•	•	•
Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
80.9	80.9	120.2	37.7	39.6	49.6	65	80.9
-	92.2	133.4	42	43.9	56.2	74	-
15 1/2	15 1/2	16 4/7	12 2/9	12 2/9	12 3/5	14	15 1/2
22	22	24 2/5	16 3/4	16 3/4	19 7/24	19 2/3	22
19 2/3	19 2/3	23 2/3	12 7/16	12 7/16	16 2/5	16 2/5	19 2/3
282/285	282/285	204/255	810/931	810/931	460/552	456/460	282/285

MODEL NO.	Mechanical Electronic	MID EAST			
		AWT12P1A	AWT12PHA	AWT18W1B	AHT18W1B

Window Type



CO : Cooling HP : Heating Pump HT : Electric Heater				CO	CO	CO	HT
Air Discharge				Side	Side	Side	Side
Voltage / Hz / Phase				220/60/1	220/60/1	220/60/1	220/60/1
Performance							
Capacity	Cooling		(Btu/hr*W)	12,000	12,000	18,000	18,000
			(Kcal/hr)	3,024	3,024	4,536	4,536
			(kW)	3.52	3.52	5.28	5.28
	Heating		Btu/hr*W	-	-	-	11089
			(Kcal/hr)	-	-	-	2,795
			(kW)	-	-	-	3.25
Energy Efficiency	Cooling	EER	(Btu/W)	8.3	8.3	8.8	8.8
	Heating	COP	(W/W)	-	-	-	2.56
Moisture Removal	I/hr			1.2	1.2	1.9	1.9
Air Circulation (Max)			m ³ /min	9.0	9.0	11.6	11.6
Noise Level	In/Out		dB	51/57	51/57	60/65	60/65
Power Consumption	Cooling	W		1450	1450	2050	2050
	Heating	W		-	-	-	3600
Operating Current	Cooling	A		6.7	6.7	9.5	9.5
	Heating	A		-	-	-	14.0
Features							
Air Cleaning System	Anti Bacteria Filter			•	•	•	•
Silver Nano Health System™	Silver Nano Filter			•	•	•	•
	Silver Nano Evaporator			-	-	-	-
Operating Mode	Temperature Control			•	•	•	•
	Good Morning			-	-	-	-
	Timer			-	24Hr	-	-
	Energy Saving Mode			-	-	-	-
Convenience	Auto Restart			-	-	-	-
	Auto Swing (Left & Right)			•	•	•	•
	Air Deflection			4 way	4 way	4 way	4 way
	Air Flow Control Steps (Cool/Fan)			3/2	3/3	3/3	3/3
	Air Discharge			Side	Side	Side	Side
	Air Ventilation			•	•	•	•
	Slide in/out			•	•	•	•
Remote Controller			-	•	-	-	
Remote Controller (LCD)			-	•	-	-	
Compressor type				UTR	UTR	UTR	UTR
Loading Q'ty / Installation							
Size	Net Weight			38.5	38.5	60	60
	Net Dimension	(W*H*D)		560*394*540	560*394*540	660*425*745	660*425*745
	Loading Q'ty	(20/40/40R HI)		135/282	135/282	84/168/210	84/168/210

MODEL NO.	Mechanical Electronic	MID EAST					
		AWT18U1C	AHT18U10	AWT24W1B	AHT24W1B	AWT24WHB	AWT12P1A

CO : Cooling HP : Heating Pump HT : Electric Heater				CO	HT	CO	HT	CO	CO	CO	
Air Discharge				Side	Side	Side	Side	Side	Side	Side	
Voltage / Hz / Phase				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
Performance											
Capacity	Cooling		(Btu/hr*W)	18,000	18,000	18,000	24,000	24,000	24,000	11,800	11,800
			(Kcal/hr)	4,536	4,536	4,536	6,048	6,048	6,048	2,974	2,974
			(kW)	5.28	5.28	5.28	7.03	7.03	7.03	3.46	3.46
	Heating		Btu/hr*W	-	-	11089	-	11089	-	-	-
			(Kcal/hr)	-	-	2,795	-	2,795	-	-	-
			(kW)	-	-	3.25	-	3.25	-	-	-
Energy Efficiency	Cooling	EER	(Btu/W)	8.8	8.8	8.8	9.4	9.4	9.4	8.4	8.4
	Heating	COP	(W/W)	-	-	2.56	-	2.56	-	-	-
Moisture Removal	I/hr			1.9	1.9	1.9	2.7	2.7	2.7	1.2	1.2
Air Circulation (Max)			m ³ /min	11.6	11.6	11.6	12.7	12.7	12.7	8.8	8.8
Noise Level	In/Out		dB	60/65	60/65	60/65	62/68	62/68	62/68	52/57	52/57
Power Consumption	Cooling	W		2050	2050	2050	2550	2550	2550	1400	1400
	Heating	W		-	-	3600	-	3600	-	-	-
Operating Current	Cooling	A		9.5	9.5	9.5	11.8	11.8	11.8	6.1	6.1
	Heating	A		-	-	14.0	-	14.0	-	-	-
Features											
Air Cleaning System	Anti Bacteria Filter			•	•	•	•	•	•	•	•
Silver Nano Health System™	Silver Nano Filter			•	•	•	•	•	•	•	•
	Silver Nano Evaporator			-	-	-	-	-	-	-	-
Operating Mode	Temperature Control			•	•	•	•	•	•	•	•
	Good Morning			-	-	-	-	-	-	-	-
	Timer			-	24Hr	-	-	-	24Hr	-	24Hr
	Energy Saving Mode			-	-	-	-	-	-	-	-
Convenience	Auto Restart			-	-	-	-	-	-	-	-
	Auto Swing (Left & Right)			•	•	•	•	•	•	•	•
	Air Deflection			4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way
	Air Flow Control Steps (Cool/Fan)			3/2	3/3	3/3	3/2	3/3	3/3	3/2	3/3
	Air Discharge			Side	Side	Side	Side	Side	Side	Side	Side
	Air Ventilation			•	•	•	•	•	•	•	•
	Slide in/out			•	•	•	•	•	•	•	•
Remote Controller			-	•	-	-	-	•	-	•	
Remote Controller (LCD)			-	•	-	-	-	•	-	•	
Compressor type				UTR	UTR	UTR	UTR	UTR	UTR	UTR	
Loading Q'ty / Installation											
Size	Net Weight			60	60	60	65	65	65	38.5	38.5
	Net Dimension	(W*H*D)		660*425*745	660*425*745	660*425*745	660*425*745	660*425*745	660*425*745	560*394*540	560*394*540
	Loading Q'ty	(20/40/40R HI)		84/168/210	84/168/210	84/168/210	84/168/210	84/168/210	84/168/210	135/282	135/282

MODEL NO.	Mechanical Electronic	MID EAST			
		AWT18W1B	AHT18W1B	AWT19F1B	AHT19F1B

Window Type



CO : Cooling HP : Heating Pump HT : Electric Heater				CO	HT	CO	HT
Air Discharge				Side	Side	Side	Side
Voltage / Hz / Phase				220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Performance							
Capacity	Cooling		(Btu/hr*W)	18,000	18,000	18,000	18,000
			(Kcal/hr)	4,536	4,536	4,536	4,536
	Heating		(kW)	5.28	5.28	5.28	5.28
			(Btu/hr*W)	-	11089	-	11089
Energy Efficiency	Cooling	EER	(Kcal/hr)	-	2,795	-	2,795
			(kW)	-	3.25	-	3.25
	Heating	COP	(Btu/W)	8.8	8.8	8.8	8.8
			(W/W)	-	2.56	-	2.56
Moisture Removal	I/hr		1.9	1.9	1.9	1.9	
Air Circulation (Max)			m ³ /min	11.6	11.6	11.6	11.6
Noise Level	In/Out		dB	60/65	60/65	60/65	60/65
Power Consumption	Cooling	W		2050	2050	2050	2050
	Heating	W		-	3600	-	3600
Operating Current	Cooling	A		9.3	9.3	9.3	9.3
	Heating	A		-	14.0	-	14.0
Features							
Air Cleaning System	Anti Bacteria Filter			•	•	•	•
Silver Nano Health System™	Silver Nano Filter			•	•	•	•
	Silver Nano Evaporator			-	-	-	-
Operating Mode	Temperature Control			•	•	•	•
	Good Morning			-	-	-	-
	Timer			-	-	-	-
	Energy Saving Mode			-	-	-	-
	Auto Restart			-	-	-	-
Convenience	Auto Swing (Left & Right)			•	•	•	•
	Air Deflection			4 way	4 way	4 way	4 way
	Air Flow Control Steps (Cool/Fan)			3/2	3/3	3/2	3/3
	Air Discharge			Side	Side	Side	Side
	Air Ventilation			•	•	•	•
	Slide in/out			•	•	•	•
	Remote Controller			-	-	-	-
	Remote Controller (LCD)			-	-	-	-
	Compressor type			UTR	UTR	UTR	UTR
Loading Q'ty / Installation							
Size	Net Weight			60	60	60	60
	Net Dimension	(W*H*D)		660*425*745	660*425*745	660*425*745	660*425*745
	Loading Q'ty	(20/40/40R HI)		84/168/210	84/168/210	84/168/210	84/168/210

MID EAST									
AWT24W1B			AHT24W1B		AWT25F1B				
AWT18WHB	AWT19FHB	AHT19FGB	AWT24WHB		AWT25FHB		AHT25FGB		
CO	CO	HT	CO	HT	CO	CO	CO	CO	HT
Side	Side	Side	Side	Side	Side	Side	Side	Side	Side
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
18,000	18,000	18,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
4,536	4,536	4,536	6,048	6,048	6,048	6,048	6,048	6,048	6,048
5.28	5.28	5.28	7.03	7.03	7.03	7.03	7.03	7.03	7.03
-	-	11089	-	11089	-	-	-	-	11089
-	-	2,795	-	2,795	-	-	-	-	2,795
-	-	3.25	-	3.25	-	-	-	-	3.25
8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-	-	2.56	-	2.56	-	-	-	-	2.56
1.9	1.9	1.9	2.65	2.65	2.65	2.65	2.65	2.65	2.65
11.6	11.6	11.6	12.2	12.2	12.2	12.2	12.2	12.2	12.2
60/65	60/65	60/65	62/68	62/68	62/68	62/68	62/68	62/68	62/68
2050	2050	2050	2700	2700	2700	2700	2700	2700	2700
-	-	3600	-	3600	-	-	-	-	3600
9.3	9.3	9.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
-	-	14.0	-	14.0	-	-	-	-	14.0
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
24Hr	24Hr	24Hr	-	-	24Hr	-	24Hr	24Hr	24Hr
•	•	•	-	-	•	-	•	•	•
-	-	-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•	•	•
4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way
3/3	3/3	3/3	3/2	3/3	3/3	3/2	3/3	3/3	3/3
Side	Side	Side	Side	Side	Side	Side	Side	Side	Side
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
•	•	•	-	-	•	-	•	•	•
•	•	•	-	-	•	-	•	•	•
UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR
60	60	60	65	65	65	65	65	65	65
660*425*745	660*425*745	660*425*745	660*425*745	660*425*745	660*425*745	660*425*745	660*425*745	660*425*745	660*425*745
84/168/210	84/168/210	84/168/210	84/168/210	84/168/210	84/168/210	84/168/210	84/168/210	84/168/210	84/168/210

MODEL NO.	Mechanical Electronic	AFRICA			
		AW09P1C	AW09PKC	AZ09PHB	AW12P1B

Window Type



CO : Cooling HP : Heating Pump HT : Electric Heater				CO	CO	HP	CO
Air Discharge				Side	Side	Side	Side
Voltage / Hz / Phase				220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Performance							
Capacity	Cooling		(Btu/hr*W)	8,500	8,500	8,400	12,000
			(Kcal/hr)	2,142	2,142	2,117	3,024
			(kW)	2.49	2.49	2.46	3.52
	Heating		Btu/hr*W	-	-	8,200	-
			(Kcal/hr)	-	-	2,066	-
			(kW)	-	-	2.40	-
Energy Efficiency	Cooling	EER	(Btu/W)	9.00	9.00	8.40	9.00
	Heating	COP	(W/W)	-	-	8.20	-
Moisture Removal	I/hr			1.0	1.0	1	1.25
Air Circulation (Max)			m ³ /min	6.2	6.2	6.5	8.0
Noise Level	In/Out		dB	58/62	58/62	58/62	56/61
Power Consumption	Cooling	W		990	990	1000	1330
	Heating	W		-	-	1000	-
Operating Current	Cooling	A		4.2	4.2	4.4	5.8
	Heating	A		-	-	4.4	-
Features							
Air Cleaning System	Anti Bacteria Filter			•	•	•	•
Silver Nano Health System™	Silver Nano Filter			•	•	•	•
	Silver Nano Evaporator			-	-	-	-
Operating Mode	Temperature Control			•	•	•	•
	Good Morning			-	•	•	-
	Timer			-	24Hr	24Hr	-
	Energy Saving Mode			-	-	-	-
Convenience	Auto Restart			-	•	-	-
	Auto Swing (Left & Right)			•	•	•	•
	Air Deflection			4 way	4 way	4 way	4 way
	Air Flow Control Steps (Cool/Fan)			3/2	3/3	3/3	3/2
	Air Discharge			Side	Side	Side	Side
	Air Ventilation			•	•	•	•
	Slide in/out			•	•	•	•
Remote Controller			-	•	•	-	
Remote Controller (LCD)			-	•	•	-	
Compressor type				ROTARY	ROTARY	UTR	ROTARY
Loading Q'ty / Installation							
Size	Net Weight			27	27	32.5	34.3
	Net Dimension	(W*H*D)		500*355*460	500*355*460	560*370*550	560*370*550
	Loading Q'ty	(20/40/40ft HI)		220/456/460	220/456/460	135/285/342	135/285/342

AFRICA						
AW12PKB		AZ12PHA	AW18P1B	AW18PKB	AW24P1B	AW24PKB
CO	HP	CO	CO	CO	CO	
Side	Side	Side	Side	Side	Side	
220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
12,000	10,500	18,000	18,000	22,000	22,000	
3,024	2,646	4,536	4,536	5,544	5,544	
3.52	3.08	5.28	5.28	6.45	6.45	
-	10,500	-	-	-	-	
-	2,646	-	-	-	-	
-	3.08	-	-	-	-	
9.00	7.80	9.10	9.10	8.00	8.0	
-	8.20	-	-	-	-	
1.25	1.5	2.6	2.6	4.1	4.1	
8.0	8.5	12.5	12.5	13.8	13.8	
56/61	58/62	60/66	60/66	63/68	63/68	
1330	1350	1980	1980	2750	2750	
-	1280	-	-	-	-	
5.8	5.9	8.6	8.6	12	12	
-	5.5	-	-	-	-	
•	•	•	•	•	•	
•	•	•	•	•	•	
-	-	-	-	-	-	
•	•	•	•	•	•	
•	•	•	•	•	•	
24Hr	24Hr	-	24Hr	-	24Hr	
-	-	-	-	-	-	
•	•	-	•	-	•	
•	•	•	•	•	•	
4 way	4 way	4 way	4 way	4 way	4 way	
3/3	3/3	3/2	3/3	3/2	3/3	
Side	Side	Side	Side	Side	Side	
•	•	•	•	•	•	
•	•	•	•	•	•	
•	•	-	•	-	•	
•	•	-	•	-	•	
ROTARY	UTR	ROTARY	ROTARY	ROTARY	ROTARY	
34.3	35.5	50	50	56.4	56.4	
560*370*550	560*370*550	620*421*690	620*421*690	620*421*690	620*421*690	
135/285/342	135/285/342	96/204/255	96/204/255	96/204/255	96/204/255	

MEXICO & SOUTH AMERICA

MODEL NO.	Mechanical			MEXICO & SOUTH AMERICA					
	Electronic	AW05N0AB	AW08N0AB	AW08NHAB	AW12PKAC				
<p>CO : Cooling HP : Heating Pump HT : Electric Heater</p> <p>Air Discharge TOP TOP TOP Side</p> <p>Voltage / Hz / Phase 115/60/1 115/60/1 115/60/1 115/60/1</p>									
Performance									
Capacity	Cooling		(Btu/hr*W)	5,050	8000	8000	12,000		
			(Kcal/hr)	1,273	2,016	2,016	3,024		
			(kW)	1.48	2.34	2.34	3.52		
			Heating						
			(Btu/hr*W)	-	-	-	-		
			(Kcal/hr)	-	-	-	-		
			(kW)	-	-	-	-		
			Energy Efficiency	Cooling	EER	(Btu/W)	9.7	9.8	9.8
			Heating	COP	(W/W)	-	-	-	-
			Moisture Removal	l/hr		0.8	1.0	1.0	1.3
Air Circulation (Max)			m ³ /min	3.6	6.5	6.5	8.4		
Noise Level	In/Out		dB	55/59	59/61	59/61	56/64		
Power Consumption	Cooling	W		520	820	820	1230		
	Heating	W		-	-	-	-		
Operating Current	Cooling	A		4.7	7.4	7.4	11.2		
	Heating	A		-	-	-	-		
Features									
Air Cleaning System	Anti Bacteria Filter			•	•	•	•		
Silver Nano Health System™	Silver Nano Filter			•	•	•	•		
	Silver Nano Evaporator			-	-	-	-		
Operating Mode	Temperature Control			•	•	•	•		
	Good Morning			-	-	•	•		
Timer				-	-	24hr	24hr		
Energy Saving Mode				-	-	-	-		
Auto Restart				-	-	-	•		
Convenience	Auto Swing (Left & Right)			-	-	•	•		
	Air Deflection			2 way	2 way	2way	4 way		
Air Flow Control Steps (Cool/Fan)				2/2	3/2	3/3	3/3		
Air Discharge				Side	Side	Side	Side		
Air Ventilation				•	•	•	•		
Slide in/out				•	•	•	•		
Remote Controller				-	-	•	•		
Remote Controller (LCD)				-	-	•	•		
Compressor type				ROTARY	ROTARY	ROTARY	ROTARY		
Loading Q'ty / Installation									
Size	Net Weight			16.2	22	22	32.5		
	Net Dimension	(W*H*D)		435*283*326	490*320*460	490*320*460	560*394*558		
	Loading Q'ty	(20/40/40ft HI)		441/933/938	220/460/552	220/460/552	135/285/342		



Window Type

MEXICO & SOUTH AMERICA

MEXICO & SOUTH AMERICA				
AW12PKBC	AW12PKAB	AW12PKBB	AW18P1BC	AW18PKBC
CO	CO	CO	CO	CO
Side	Side	Side	Side	Side
220/60/1	115/60/1	220/60/1	220/60/1	220/60/1
12,000	12,000	12,000	18,000	18,000
3,024	3,024	3,024	4,536	4,536
3.52	3.52	3.52	5.28	5.28
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
9.8	10.8	10.8	9.70	9.70
-	-	-	-	-
1.3	1.3	1.3	1.7	1.7
8.4	8.4	8.4	11.3	11.3
56/64	56/64	56/64	63/66	63/66
1230	1110	1110	1850	1850
-	-	-	-	-
5.5	10.0	5.2	8.1	8.1
-	-	-	-	-
•	•	•	•	•
•	•	•	•	•
-	-	-	-	-
•	•	•	•	•
•	•	•	•	•
24hr	24hr	24hr	-	24hr
-	-	-	-	-
•	•	•	-	•
•	•	•	•	•
4 way	4 way	4 way	4 way	4 way
3/3	3/3	3/3	3/2	3/3
Side	Side	Side	Side	Side
•	•	•	•	•
•	•	•	•	•
•	•	•	-	•
•	•	•	-	•
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
32.5	32.5	32.5	50	50
560*394*558	560*394*558	560*394*558	620*421*690	620*421*690
135/285/342	135/285/342	135/285/342	96/204/255	96/204/255

MODEL NO.	Mechanical Electronic	MEXICO & SOUTH AMERICA			
		AW24P1BC	AW24PKBC	AW05N0AD	AW08N0AD

Window Type



CO : Cooling HP : Heating Pump HT : Electric Heater				CO	CO	CO	CO
Air Discharge				Side	Side	TOP	TOP
Voltage / Hz / Phase				220/60/1	220/60/1	115/60/1	115/60/1
Performance							
Capacity	Cooling		(Btu/hr*W)	24,000	24,000	5,050	8000
			(Kcal/hr)	6,048	6,048	1,273	2,016
			(kW)	7.03	7.03	1.48	2.34
	Heating		Btu/hr*W	-	-	-	-
			(Kcal/hr)	-	-	-	-
			(kW)	-	-	-	-
Energy Efficiency	Cooling	EER	(Btu/W)	8.50	8.50	8.9	9.8
	Heating	COP	(W/W)	-	-	-	-
Moisture Removal	l/hr			2.6	2.6	0.8	1.0
Air Circulation (Max)			m ³ /min	13.4	13.4	3.6	6.5
Noise Level	In/Out		dB	66/69	66/69	55/59	59/61
Power Consumption	Cooling	W		2820	2820	560	820
	Heating	W		-	-	-	-
Operating Current	Cooling	A		12.5	12.5	5.0	7.4
	Heating	A		-	-	-	-
Features							
Air Cleaning System	Anti Bacteria Filter			•	•	•	•
Silver Nano Health System™	Silver Nano Filter			•	•	•	•
	Silver Nano Evaporator			-	-	-	-
Operating Mode	Temperature Control			•	•	•	•
	Good Morning			-	•	-	-
	Timer			-	24hr	-	-
	Energy Saving Mode			-	-	-	-
	Auto Restart			-	•	-	-
Convenience	Auto Swing (Left & Right)			•	•	-	-
	Air Deflection			4 way	4 way	2 way	2 way
	Air Flow Control Steps (Cool/Fan)			3/2	3/3	2/2	3/2
	Air Discharge			Side	Side	Side	Side
	Air Ventilation			•	•	•	•
	Slide in/out			•	•	•	•
	Remote Controller			-	•	-	-
	Remote Controller (LCD)			-	•	-	-
	Compressor type			ROTARY	ROTARY	ROTARY	ROTARY
Loading Q'ty / Installation							
Size	Net Weight			51.8	51.8	16.2	22
	Net Dimension	(W*H*D)		620*421*690	620*421*690	435*283*326	490*320*460
	Loading Q'ty	(20/40/40ft HI)		96/204/255	96/204/255	441/933/938	220/460/552

MEXICO & SOUTH AMERICA				
AW12P0AC	AW12P0BC	AW12PHBC	AW14P1BD	AW14PHBD
CO	CO	CO	CO	CO
Side	Side	Side	Side	Side
115/60/1	220/60/1	220/60/1	220/60/1	220/60/1
12,000	12,000	12,000	14,000	14,000
3,024	3,024	3,024	3,528	3,528
3.52	3.52	3.52	4.10	4.10
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
9.0	9.0	9.0	10.00	10.00
-	-	-	-	-
1.3	1.3	1.3	1.5	1.5
8.0	8.0	8.0	9.9	9.9
56/64	56/64	56/64	60/67	60/67
1330	1330	1330	1400	1400
-	-	-	-	-
11.8	5.8	5.8	6.4	6.4
-	-	-	-	-
•	•	•	•	•
•	•	•	•	•
-	-	-	-	-
•	•	•	•	•
-	-	•	-	•
-	-	24hr	-	24hr
-	-	-	-	-
-	-	-	-	-
-	-	•	•	•
4 way	4 way	4 way	4 way	4 way
3/2	3/2	3/3	3/2	3/3
Side	Side	Side	Side	Side
•	•	•	•	•
•	•	•	•	•
-	-	•	-	•
-	-	•	-	•
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
31	31	31	34.3	34.3
560*370*550	560*370*550	560*370*550	560*394*558	560*394*558
135/285/342	135/285/342	135/285/342	135/285/342	135/285/342

MODEL NO.	Mechanical Electronic	ASIA					
		AW07P1B	AW07P2B	AW09P1B		AW09P2B	
		AW05N0B	AW07PHB		AW09P2B		

Window Type



CO : Cooling HP : Heating Pump HT : Electric Heater				CO	CO	CO	CO	CO	CO
Air Discharge				Side	Side	Side	Side	Side	Side
Voltage / Hz / Phase				220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
Performance									
Capacity	Cooling		(Btu/hr*W)	5,213	6,919	6,919	6,919	9,004	9,004
			(Kcal/hr)	1,528	2,028	2,028	2,028	2,639	2,639
			(kW)	5,500	7,300	7,300	7,300	9,500	9,500
	Heating		Btu/hr*W	-	-	-	-	-	-
			(Kcal/hr)	-	-	-	-	-	-
			(kW)	-	-	-	-	-	-
Energy Efficiency	Cooling	EER	(Btu/W)	10.8	11.5	11.5	11.5	11.0	11.0
	Heating	COP	(W/W)	-	-	-	-	-	-
Moisture Removal	l/hr			0.9	1.1	1.1	1.1	1.2	1.2
Air Circulation (Max)			m ³ /min	3.7	5.4	5.4	5.4	5.8	5.8
Noise Level	In/Out		dB	55/59	53/58	53/58	53/58	53/58	53/58
Power Consumption	Cooling	W		510	635	635	635	860	860
	Heating	W		-	-	-	-	-	-
Operating Current	Cooling	A		2.2	2.8	2.8	2.8	4.0	4.0
	Heating	A		-	-	-	-	-	-
Features									
Air Cleaning System	Anti Bacteria Filter			•	•	•	•	•	•
Silver Nano Health System™	Silver Nano Filter			•	•	•	•	•	•
	Silver Nano Evaporator			-	-	-	-	-	-
Operating Mode	Temperature Control			•	•	•	•	•	•
	Good Morning			-	-	-	•	-	-
	Timer			-	-	•	24Hr	-	•
	Energy Saving Mode			-	-	-	-	-	-
	Auto Restart			-	-	-	-	-	-
Convenience	Auto Swing (Left & Right)			-	•	•	•	•	•
	Air Deflection			2 way	4 way	4 way	4 way	4 way	4 way
	Air Flow Control Steps (Cool/Fan)			2/2	3/2	3/2	3/3	3/2	3/2
	Air Discharge			Side	Side	Side	Side	Side	Side
	Air Ventilation			•	•	•	•	•	•
	Slide in/out			•	•	•	•	•	•
	Remote Controller			-	-	-	•	-	-
	Remote Controller (LCD)			-	-	-	•	-	-
	Compressor type			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Loading Q'ty / Installation									
Size	Net Weight			16.1	25	25	25	27	27
	Net Dimension	(W*H*D)		435*283*326	500*355*460	500*355*460	500*355*460	500*355*460	500*355*460
	Loading Q'ty	(20/40/40ft HI)		441/933/938	220/456/460	220/456/460	220/456/460	220/456/460	220/456/460

ASIA									
AW09PHB	AW12P2B	AW18P1B	AW07P1A	AW09P1B	AW12P1A				
AW12P1B	AW12PHB	AW07PHA	AW09PHB						

CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Side	Side	Side	Side	Side	Side	Side	Side	Side	Side
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
9,004	12,132	12,132	12,132	18,008	6,483	6,483	8,360	8,360	11,600
2,639	3,556	3,556	3,556	5,278	1,900	1,900	2,450	2,450	3,400
9,500	12,800	12,800	12,800	19,000	6,840	6,840	8,820	8,820	12,240
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
11.0	11.0	11.0	11.0	10.5	2.67	2.67	2.70	2.70	2.70
-	-	-	-	-	-	-	-	-	-
1.2	1.3	1.3	1.3	1.7	0.9	0.9	1.0	1.0	1.3
5.8	7.8	7.8	7.8	11.3	5.4	5.4	5.8	5.8	8.2
53/58	56/64	56/64	56/64	63/66	53/58	53/58	53/58	53/58	56/64
860	1160	1160	1160	1810	710	710	910	910	1260
-	-	-	-	-	-	-	-	-	-
4.0	5.2	5.2	5.2	7.9	3.3	3.3	4.3	4.3	5.8
-	-	-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
24Hr	-	•	24Hr	-	-	24Hr	-	24Hr	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•	•	•
4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way
3/3	3/2	3/2	3/3	3/2	3/2	3/3	3/2	3/3	3/2
Side	Side	Side	Side	Side	Side	Side	Side	Side	Side
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
•	-	-	•	-	-	•	-	•	-
•	-	-	•	-	-	•	-	•	-
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
27	34.3	34.3	34.3	50	25	25	27	27	34.3
500*355*460	560*394*558	560*394*558	560*394*558	620*421*690	500*355*460	500*355*460	500*355*460	500*355*460	560*394*558
220/456/460	135/282/285	135/282/285	135/282/285	96/204/255	220/456/460	220/456/460	220/456/460	220/456/460	135/282/285

MODEL NO.	Mechanical Electronic	ASIA			
		AW12PHA	AW18P1A	AW18PHA	AW24P1A

Window Type



CO : Cooling HP : Heating Pump HT : Electric Heater				CO	CO	CO	CO	CO	
Air Discharge				Side	Side	Side	Side	Side	
Voltage / Hz / Phase				220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Performance									
Capacity	Cooling		(Btu/hr*W)	11,600	17,060	17,060	22,000	22,000	
			(Kcal/hr)	3,400	5,000	5,000	6,450	6,450	
			(kW)	12,240	18,000	18,000	23,200	23,200	
	Heating		Btu/hr*W	-	-	-	-	-	
			(Kcal/hr)	-	-	-	-	-	
			(kW)	-	-	-	-	-	
Energy Efficiency	Cooling	EER	(Btu/W)	2.70	2.67	2.67	2.34	2.34	
	Heating	COP	(W/W)	-	-	-	-	-	
Moisture Removal	l/hr			1.3	1.7	1.7	2.2	2.2	
Air Circulation (Max)			m ³ /min	8.2	11.3	11.3	13.5	13.5	
Noise Level	In/Out		dB	56/64	63/66	63/66	63/68	63/68	
Power Consumption	Cooling	W		1260	1870	1870	2750	2750	
	Heating	W		-	-	-	-	-	
Operating Current	Cooling	A		5.8	8.5	8.5	12.5	12.5	
	Heating	A		-	-	-	-	-	
Features									
Air Cleaning System	Anti Bacteria Filter			•	•	•	•	•	
Silver Nano Health System™	Silver Nano Filter			•	•	•	•	•	
	Silver Nano Evaporator			-	-	-	-	-	
Operating Mode	Temperature Control			•	•	•	•	•	
	Good Morning			•	-	•	-	•	
	Timer			24Hr	-	24Hr	-	24Hr	
	Energy Saving Mode			-	-	-	-	-	
Convenience	Auto Restart			-	-	-	-	-	
	Auto Swing (Left & Right)			•	•	•	•	•	
	Air Deflection			4 way	4 way	4 way	4 way	4 way	
	Air Flow Control Steps (Cool/Fan)			3/3	3/2	3/3	3/2	3/3	
	Air Discharge			Side	Side	Side	Side	Side	
	Air Ventilation			•	•	•	•	•	
	Slide in/out			•	•	•	•	•	
	Remote Controller			•	-	•	-	•	
Remote Controller (LCD)			•	-	•	-	•		
Loading Q'ty / Installation									
Size	Net Weight			34.3	50	50	51.8	51.8	
			Net Dimension	(W*H*D)	560*394*558	620*421*690	620*421*690	620*421*690	620*421*690
			Loading Q'ty	(20/40/40ft HI)	135/282/285	96/204/255	96/204/255	96/204/255	96/204/255

MODEL NO.	Mechanical Electronic	CIS			
		AW05N0C	AW07N0C	AZ09PHB	AZ12PHA

Window Type



CO : Cooling HP : Heating Pump HT : Electric Heater				CO	CO	HP	HP	CO	
Air Discharge				TOP	TOP	Side	Side	Side	
Voltage / Hz / Phase				220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Performance									
Capacity	Cooling		(Btu/hr*W)	5,000	7,000	8,400	10,500	18,000	
			(Kcal/hr)	1,260	1,764	2,117	2,646	4,536	
			(kW)	1,470	2,050	2,46	3,08	5,28	
	Heating		Btu/hr*W	-	-	8,200	10,500	-	
			(Kcal/hr)	-	-	2,066	2,646	-	
			(kW)	-	-	2,40	3,08	-	
Energy Efficiency	Cooling	EER	(Btu/W)	8.60	9.60	8.40	7.80	9.10	
	Heating	COP	(W/W)	-	-	8.20	8.20	-	
Moisture Removal	l/hr			0.7	0.9	1	1.5	2.6	
Air Circulation (Max)			m ³ /min	3.8	5.4	6.5	8.5	12.5	
Noise Level	In/Out		dB	55/59	59/61	58/62	58/62	60/66	
Power Consumption	Cooling	W		580	730	1000	1350	1980	
	Heating	W		-	-	1000	1280	-	
Operating Current	Cooling	A		2.5	3.2	4.4	5.9	8.6	
	Heating	A		-	-	4.4	5.5	-	
Features									
Air Cleaning System	Anti Bacteria Filter			•	•	•	•	•	
Silver Nano Health System™	Silver Nano Filter			•	•	•	•	•	
	Silver Nano Evaporator			-	-	-	-	-	
Operating Mode	Temperature Control			•	•	•	•	•	
	Good Morning			-	-	•	•	•	
	Timer			-	-	24Hr	24Hr	24Hr	
	Energy Saving Mode			-	-	-	-	-	
Convenience	Auto Restart			-	-	-	-	-	
	Auto Swing (Left & Right)			-	-	•	•	•	
	Air Deflection			2 way	2 way	4 way	4 way	4 way	
	Air Flow Control Steps (Cool/Fan)			2/2	3/2	3/3	3/3	3/3	
	Air Discharge			Side	Side	Side	Side	Side	
	Air Ventilation			•	•	•	•	•	
	Slide in/out			•	•	•	•	•	
	Remote Controller			-	-	•	•	•	
Remote Controller (LCD)			-	-	•	•	•		
Loading Q'ty / Installation									
Size	Net Weight			16.1	22	32.5	35.5	50	
			Net Dimension	(W*H*D)	435*283*326	490*320*460	560*370*550	560*370*550	620*421*690
			Loading Q'ty	(20/40/40ft HI)	441/933/938	220/460/552	135/285/342	135/285/342	96/204/255

AREA	MID EAST	
MODEL NO.	AP28N0A	AP28N1A

Floor Standing Type (Nova)



Refrigerant Type			R22	R22
Performance				
Capacity	Cooling	Btu/hr.	24000	24000
		Kcal/hr.	6048	6048
		kW	7.03	7.03
Heating	Btu/hr.	-	26000	
	Kcal/hr.	-	6550	
	kW	-	7.60	
Energy Efficiency	Cooling	EER (Btu/W)	9.06	9.06
	Heating	EER (Btu/W)	-	9.81
Moisture Removal		g /hr.	2.5	2.5
Air Circulation (Max)		m ³ /min	16	16
Noise Level	Indoor High	dB	52	52
	Outdoor High	dB	65	65
Electrical Data				
Power Source		V/Hz/ø	220~240V/50/1	220~240V/50/1
Power Consumption	Cooling	W	2650	2650
	Heating	W	-	2650
Operating Current	Cooling	A	13	13
	Heating	A	-	13
Dimension & Loading Q'ty				
Net Dimension (WxHxD)	Indoor	mm	525x1830x320	525x1830x320
	Outdoor	mm	790x878x310	790x878x310
Net Weight	Indoor	kg	38.0	38.0
	Outdoor	kg	61.0	63
Shipping Weight	Indoor	kg	44.0	44.0
	Outdoor	kg	75.0	77
Loading Q'ty	W Pipe	20/40ft/jumbo	-	-
	W/O Pipe	20/40ft	-	-
Technical Information				
SVC Valve	Liquid	OD	ø9.52mm	ø9.52mm
	Gas	OD	ø15.88mm	ø15.88mm
Piping Length	STD	m	5	5
	Max	m	15	15
Piping Height	Max	m	10	10
Refrigerant		G	2200	2300
Add Refrigerant		g/m	50	50
Features				
Silver Nano Health System™	Silver Nano Filter		-	-
	Silver Nano FILTER		-	-
	Silver Nano Evaporator		-	-
Pure & Clean Air	Built-in Air Purifier		-	-
	Titanium Plasma™		-	-
	Cathechin Filter		-	-
	Deodorizing Filter		-	-
Operating Mode	Bionizer™		-	-
	Surround Air Control		-	-
	Digital Flow		-	-
	Dehumidification		-	-
	Turbo Mode		•	•
	Sleep Mode		-	-
	Timer		-	-
	Energy Saving Mode		•	•
	Auto Restart		-	-
	Auto Changeover		-	-
Convenience	Fixed Grille		-	-
	Auto Grille		-	-
	Auto Shutter		•	•
	LCD Display		-	-
	Child-care Lock		-	-
	Remote Controller		•	•
Auto Clean		-	-	

AFRICA	ASIA
AP28N0A	AP28N0A

Refrigerant Type		R22	R22
Performance			
Capacity	Cooling	Btu/hr.	24000
		Kcal/hr.	6048
		kW	7.03
Heating	Btu/hr.	-	26000
	Kcal/hr.	-	6550
	kW	-	7.60
Energy Efficiency	Cooling	EER (Btu/W)	9.06
	Heating	EER (Btu/W)	-
Moisture Removal		g /hr.	2.5
Air Circulation (Max)		m ³ /min	16.0
Noise Level	Indoor High	dB	52
	Outdoor High	dB	65
Electrical Data			
Power Source		V/Hz/ø	220V/50/1
Power Consumption	Cooling	W	2650
	Heating	W	-
Operating Current	Cooling	A	13.0
	Heating	A	-
Dimension & Loading Q'ty			
Net Dimension (WxHxD)	Indoor	mm	525x1830x320
	Outdoor	mm	790x878x310
Net Weight	Indoor	kg	38.0
	Outdoor	kg	61.0
Shipping Weight	Indoor	kg	44.0
	Outdoor	kg	75.0
Loading Q'ty	W Pipe	20/40ft/jumbo	-
	W/O Pipe	20/40ft	-
Technical Information			
SVC Valve	Liquid	OD	ø9.52mm
	Gas	OD	ø15.88mm
Piping Length	STD	m	5
	Max	m	15
Piping Height	Max	m	10
Refrigerant		G	2200
Add Refrigerant		g/m	50
Features			
Silver Nano Health System™	Silver Nano Filter		-
	Silver Nano FILTER		-
	Silver Nano Evaporator		-
Pure & Clean Air	Built-in Air Purifier		-
	Titanium Plasma™		-
	Cathechin Filter		-
	Deodorizing Filter		-
Operating Mode	Bionizer™		-
	Surround Air Control		-
	Digital Flow		-
	Dehumidification		-
	Turbo Mode		•
	Sleep Mode		-
	Timer		-
	Energy Saving Mode		•
	Auto Restart		-
	Auto Changeover		-
Convenience	Fixed Grille		-
	Auto Grille		-
	Auto Shutter		•
	LCD Display		-
	Child-care Lock		-
	Remote Controller		•
Auto Clean		-	

AREA	MID EAST	
	MODEL NO.	AP55Q0A



Floor Standing Type (Queen)

Refrigerant Type			R22	R22
Performance				
Capacity	Cooling	Btu/hr.	48000	52000
		Cal/hr.	12097	13105
		kW	14.1	15.2
Heating	Btu/hr.		-	-
		Cal/hr.	-	-
		kW	-	-
Energy Efficiency	Cooling	EER (Btu/W)	9.60	9.63
	Heating	EER (Btu/W)	-	-
Moisture Removal		ℓ /hr.	8.0	8.0
Air Circulation (Max)		m³/min	36.0	36.0
Noise Level	Indoor High/Low	dB	57	57
	Outdoor High	dB	65	65
Electrical Data				
Power Source		V/Hz/ø	380/50/3	220/60/3
Power Consumption	Cooling	W	5,000	5400
	Heating	W	-	-
Operating Current	Cooling	A	8.8	15.0
	Heating	A	-	-
Dimension & Loading Q'ty				
Net Dimension (WxHxD)	Indoor	mm	650x1850x395	650x1850x395
	Outdoor	mm	930x1135x375	930x1135x375
Net Weight	Indoor	kg	62	62
	Outdoor	kg	98	96
Shipping Weight	Indoor	kg	70	70
	Outdoor	kg	108	106
Loading Q'ty	W Pipe	20/40ft/jumbo	13/28	13/28
	W/O Pipe	20/40ft/jumbo	13/28	13/28
Technical Information				
SVC Valve	Liquid	ODxL	ø19.05mmx5M	ø19.05mmx5M
	Gas	ODxL	ø9.52mmx5M	ø9.52mmx5M
Piping Length	STD	m	5	5
	Max	m	25	25
Piping Height	Max	m	20	20
Refrigerant		G	3,150	3,150
Add Refrigerant		g/m	70	70
Features				
Silver Coated Health System	Silver Coated Filter		-	-
	Silver Coated Evaporator		-	-
	Silver Nano Evaporator		-	-
	Pure & Clean Air	Built-in Air Purifier		-
		Titanium Plasma™		-
	Cathechin Filter		-	
	Deodorizing Filter		-	
	Bionizer™		-	
Operating Mode	Surround Air Control		-	-
	Digital Flow		-	-
	Dehumidification	4way Auto Swing	•	4way Auto Swing
	Turbo Mode		•	•
	Sleep Mode		-	-
	Timer		•	•
	Energy Saving Mode		•	•
	Auto Restart		-	-
	Auto Changeover		-	-
	Convenience	Fixed Grille		-
	Auto Grille		•	
	Auto Shutter		-	
	LCD Display	LED	LED	
	Child-care Lock		•	
	Remote Controller		•	
	Auto Clean		-	
ETC.	Compressor Type		Recipro.	Recipro.

MID EAST	SAUDI	
	AP55Q1A	AP55Q2B

Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	50000	52000	50000	52000
		Cal/hr.	12601	13105	12601	13105
		kW	14.7	15.2	14.7	15.2
Heating	Btu/hr.		55000	-	53000	-
		Cal/hr.	13861	-	13357	-
		kW	16.1	-	15.6	-
Energy Efficiency	Cooling	EER (Btu/W)	9.62	9.63	9.43	9.63
	Heating	EER (Btu/W)	12.22	-	10.2	-
Moisture Removal		ℓ /hr.	8.0	8.0	8.0	8.0
Air Circulation (Max)		m³/min	36.0	36.0	36.0	36.0
Noise Level	Indoor High/Low	dB	57	59	59	59
	Outdoor High	dB	65	67	67	67
Electrical Data						
Power Source		V/Hz/ø	220/60/3	220/60/3	220/60/3	380/60/3
Power Consumption	Cooling	W	5200	5,400	5,300	5,400
	Heating	W	4500	-	5100	-
Operating Current	Cooling	A	15.0	16.5	16	9.5
	Heating	A	13.2	-	15.3	-
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	650x1850x395	650x1850x395	650x1850x395	650x1850x395
	Outdoor	mm	930x1135x375	930x1135x375	930x1135x375	930x1135x375
Net Weight	Indoor	kg	62	62	62	62
	Outdoor	kg	102	105	105	105
Shipping Weight	Indoor	kg	70	65	65	65
	Outdoor	kg	112	115	115	115
Loading Q'ty	W Pipe	20/40ft/jumbo	13/28	13/28	13/28	13/28
	W/O Pipe	20/40ft/jumbo	13/28	13/28	13/28	13/28
Technical Information						
SVC Valve	Liquid	ODxL	ø19.05mmx5M	ø19.05mmx5M	ø19.05mmx5M	ø19.05mmx5M
	Gas	ODxL	ø9.52mmx5M	ø9.52mmx5M	ø9.52mmx5M	ø9.52mmx5M
Piping Length	STD	m	5	5	5	5
	Max	m	25	25	25	25
Piping Height	Max	m	20	20	20	20
Refrigerant		G	*3,600 *	2800	2800	2800
Add Refrigerant		g/m	75	50	50	50
Features						
Silver Coated Health System	Silver Coated Filter		-	-	-	-
	Silver Coated Evaporator		-	-	-	-
	Silver Nano Evaporator		-	-	-	-
	Pure & Clean Air	Built-in Air Purifier		-	-	-
		Titanium Plasma™		-	-	-
	Cathechin Filter		-	-	-	
	Deodorizing Filter		-	-	-	
	Bionizer™		-	-	-	
Operating Mode	Surround Air Control		-	-	-	-
	Digital Flow		-	-	-	-
	Dehumidification	4way Auto Swing	•	4way Auto Swing	•	4way Auto Swing
	Turbo Mode		•	•	•	•
	Sleep Mode		-	-	-	-
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		-	-	-	-
	Auto Changeover		-	-	-	-
	Convenience	Fixed Grille		-	-	-
	Auto Grille		•	•	•	
	Auto Shutter		-	-	-	
	LCD Display	LED	LED	LED	LED	
	Child-care Lock		•	•	•	
	Remote Controller		•	•	•	
	Auto Clean		-	-	-	
ETC.	Compressor Type		Recipro.	Rotary	Rotary	Rotary

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Memo
