

2011 SAMSUNG AIR CONDITIONER

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ICONS

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SAMSUNG

2011 Samsung Air Conditioner

SAMSUNG

For Lasting Peace in Comfort, Samsung Air Conditioner

The fresh, purified air is one of the most important elements to stay healthy.
Samsung air conditioner lets you live in pleasant environment with completely
purified comfortable air.





One step ahead for Better Air-Solution

Samsung air conditioner is a perfect solution for your desired environment. The refreshing air delivers the utmost comfort to keep you invigorated. Stay comfortable all day long with clean and healthy breeze brought to you by Samsung air conditioner.

2011 SAMSUNG AIR CONDITIONER

ICONS

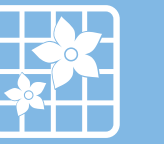
Samsung air conditioners offer advanced performance of cooling.



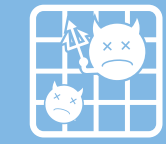
S-Plasma ion



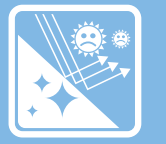
Catechin Filter



Deodorizing Filter



Full HD Filter



Anti-bacteria Coating



Allergy Care



UTR Plus™



d'light Cool



good'sleep



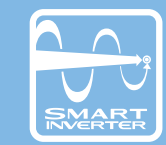
Wide-Twin Blade



3D Wind



Turbo Cooling



Smart Inverter



Stabilizer-Free



Smart Saver



World Top Class EER



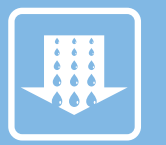
Zero Standby Power



Triple Protector



Anti Corrosion Fin



Multi Channel Condenser



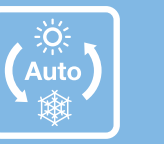
Auto Clean



Quiet Operation



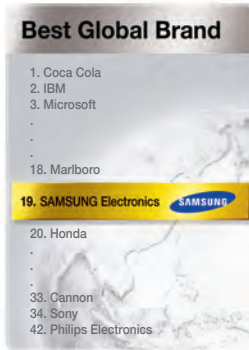
Special Remote Control



Auto Changeover

Samsung is moving with and ahead of our customers

A brand is created by its customers and that's the novel perspective at Samsung. With all the customer attention, Samsung had another successful year. Business Week and Interbrand ranked Samsung 19th in Global Brands.

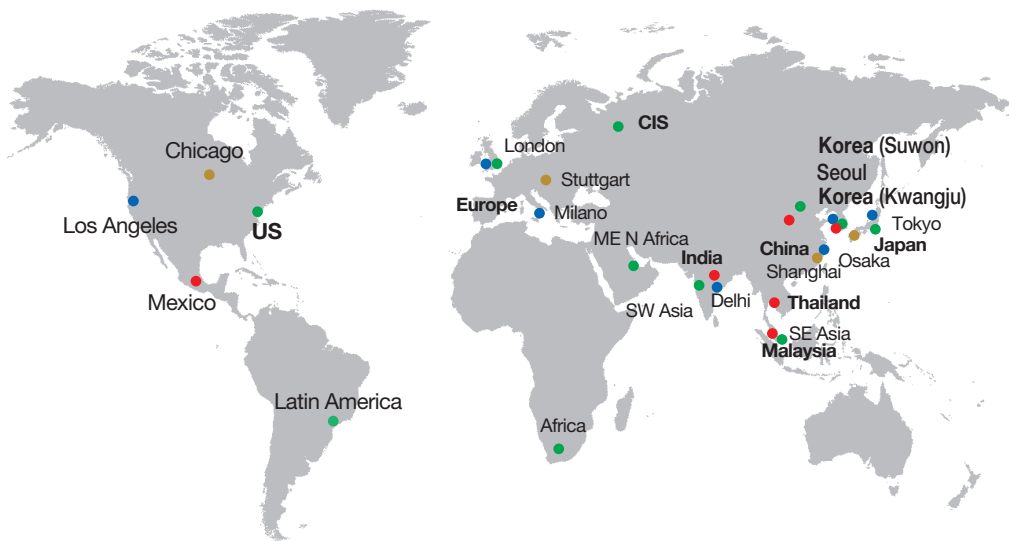


Samsung has been on the forefront of digital and design, developing new products and increasing its presence in all its markets. Its sales growth, even in tough economic times, demonstrates its ability to effectively hedge its portfolio of businesses. This year, Samsung saw strong mobile phone sales. In the U.S., it also placed number one for HDTV shipments and French-door refrigerators. But while Samsung continues to carve a reputation for itself and has maintained its price premiums, it would benefit from better brand consistency, as well as a unified brand promise.

As a global leader, Samsung will continue to create future with its customers.

Global Business Network

● 6 Global Operation Centers ● 7 Design Centers ● 11 Global Headquarters ● 4 HA R&D Centers



'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). Samsung air conditioners have taken a leading role in reducing energy consumption and lowered significant amount of energy. These energy-efficient air conditioners not only save you money, but help conserve the environment.



World Widely Recognized!

Samsung Air Conditioner



Galeria de Innovacion
2009

Samsung attended Europe's largest air-conditioner exhibition "Climatization" in Madrid, Spain. Samsung air conditioner's beautiful design with innovative features was awarded the "Galeria de Innovacion". The idea behind this award is to encourage innovation in the practical application of know-how and technologies in industrial development. Once again, Samsung proves its unsurpassed standards in quality.



iF Product Design Award
2009

As one of the world's oldest & prestigious design competitions, the iF product design award 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 function and beauty.



Comfort & Design
2010

Organized by Fiera Milano International, 37th Mostra Convegno Expocomfort / Expobagno 2010 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 for the best product in the ceremony.

Received certifications and awards



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Save Energy, Save Money

SMART INVERTER

Samsung Smart Inverter technology saves up to 80% in energy while the air conditioner is on, and uses zero standby power when turned off. These great double savings reduce your electricity bill and keep you from pulling out the plug.

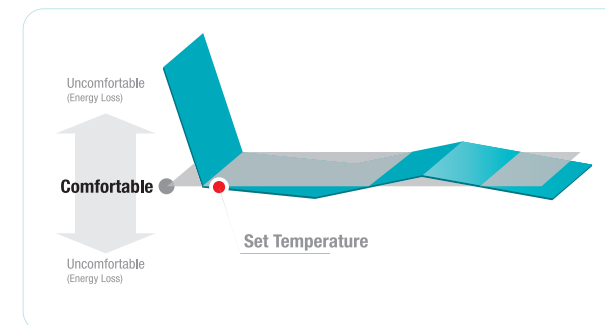


What is Smart Inverter?

Unlike non-inverter air conditioners, Samsung's air conditioner with Smart Inverter technology maintains the ideal temperature without constant shutting off and on of the compressor.

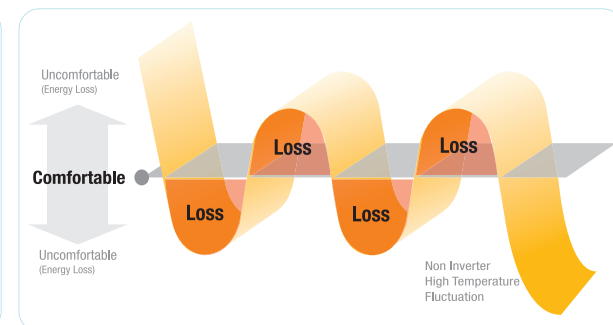
Smart Inverter

Smart Inverter technology automatically adjusts power to cope with any variances, assuring you experience less temperature fluctuation for optimal comfort.



Non-inverter

Non-inverter air conditioners shut off when the set temperature is reached and turns back on when the temperature variance is high, causing large fluctuations in temperature and in comfort.



Save energy, money, and stay stable!

The Smart Inverter allows you to stay comfortable for a long period of time while using the least amount of energy.

Save Energy

Enhanced control of Smart Inverter reduces energy consumption by up to 80%(K series) so you can save more money on your electricity bill.



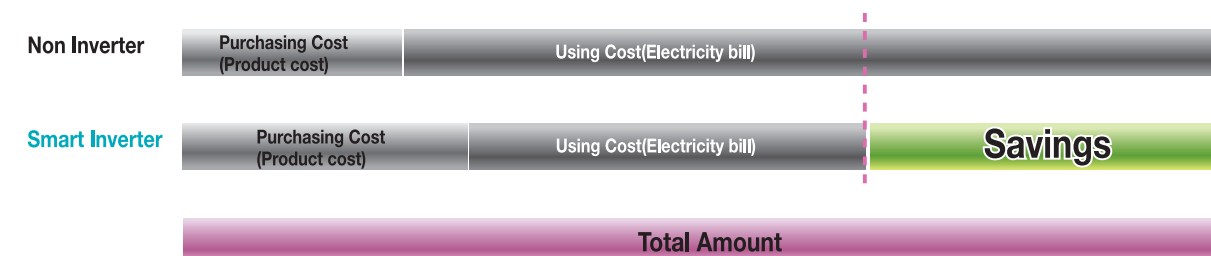
Stay Comfortable

The set temperature is maintained without extreme temperature fluctuations so you stay consistently comfortable.



Save more with Smart Inverter

Although the unit price of Samsung's Smart Inverter air conditioner is initially higher than a non-inverter air conditioner, it pays for itself in time with the money you save in electricity bills.





Double Saving

Samsung's Smart Inverter helps you save energy twice, once while the air conditioner is on and again when it's off. Double your savings with Samsung's Smart Inverter.



World Top Class EER, save up to 80%

By avoiding energy wasting start up and shut down and with increased control technology, Samsung air conditioner helps you significantly reduce energy waste. This smart inverter air conditioner achieves World Top Class EER by saving up to 80% in energy usage. So, enjoy cool comfort with better savings!

Samsung EER/COP 5.2 / 5.2

* K Series 9k Btu

Greatest energy efficiency!

You'll be amazed by the comparison. Samsung's air conditioner receives the World Top Class EER for high energy efficiency.



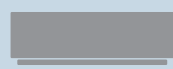
Samsung

EER/COP 5.2/5.2



Competitor A

EER/COP 5.0/5.1

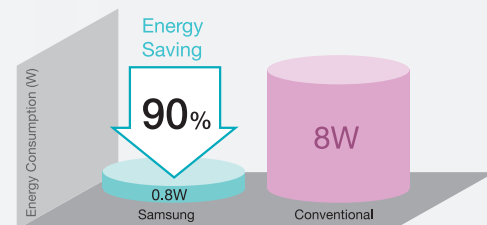


Competitor B

EER/COP 5.15/5.25

Zero Standby Power, save up to 90%

All Samsung's air conditioners save you money even when it's off. The improved control board uses miniscule amounts of energy when off, resulting in 90% more savings than conventional air conditioners, which use an incredible 8W.



*Samsung Lab test result

More saving, bigger pleasure

With the saved energy by using almost zero standby power for a month, you can power these appliances for FREE!



15 days of lamp use



4 days of washing machine use



3 days of Note PC use

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 on again when the air is not cool enough simply to save electricity.

Save up to 31% on Your Electricity Bill!

In Smart Saver mode, the air conditioner's compressor operates in the least amount of time to cool the room, which saves electricity. With the Smart Saver, you can stop worrying about your electricity bill and start enjoying cool comfort.

*outdoor Temperature at 30 degree

Up to **31%** Saving!

Set Temperature	Mode	Power Consumption (4hr)	Power Saving Rate (Compared to regular mode)
26°C	Regular Mode	1778	-
	Smart Saver	1230	31%
24°C	Regular Mode	2201	-
	Smart Saver	1930	12%

Samsung Test Result

This is when you need Smart Saver!

When you repeatedly turn the air conditioner on and off to save energy.



When you don't want to waste energy cooling an empty room.



When you debate turning on the air conditioner because its not unbearably hot.



Preserve nature with Samsung!

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.



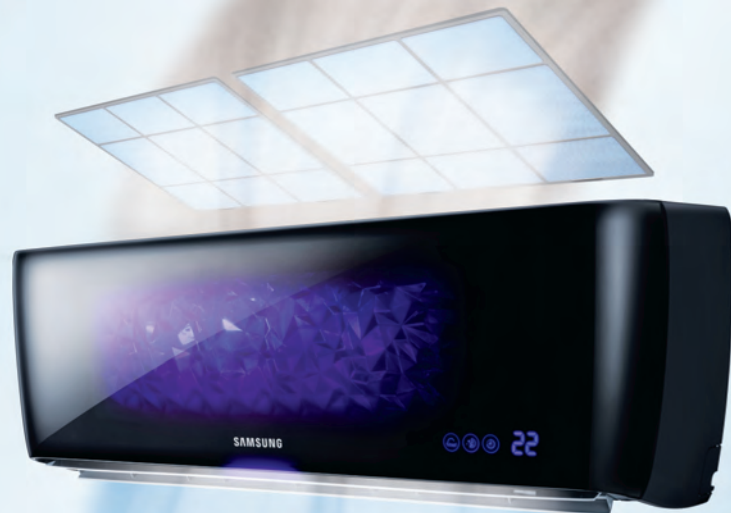
Double Cleaning

Samsung enhanced purifying system with advanced filter and smart S-Plasma ion. S-Plasma ion further cleans the air that has already been filtrated by the Full HD Filter to ensure a fresher and healthier environment.

STEP 1.

FULL HD FILTER

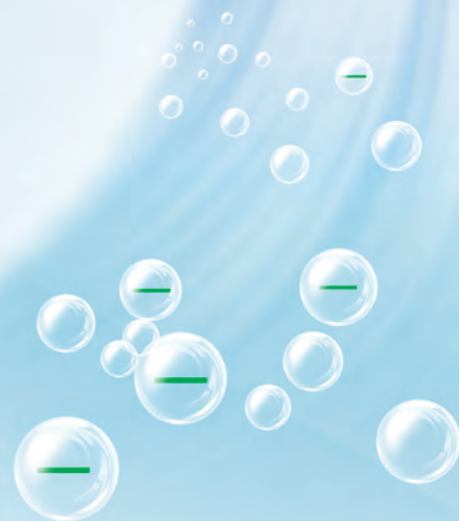
Samsung's high density filter blocks out dust and allergy-causing bacteria.



STEP 2.

S-Plasma ion

The air purifying device eliminates 99% of contaminants, bacteria and viruses in the air.



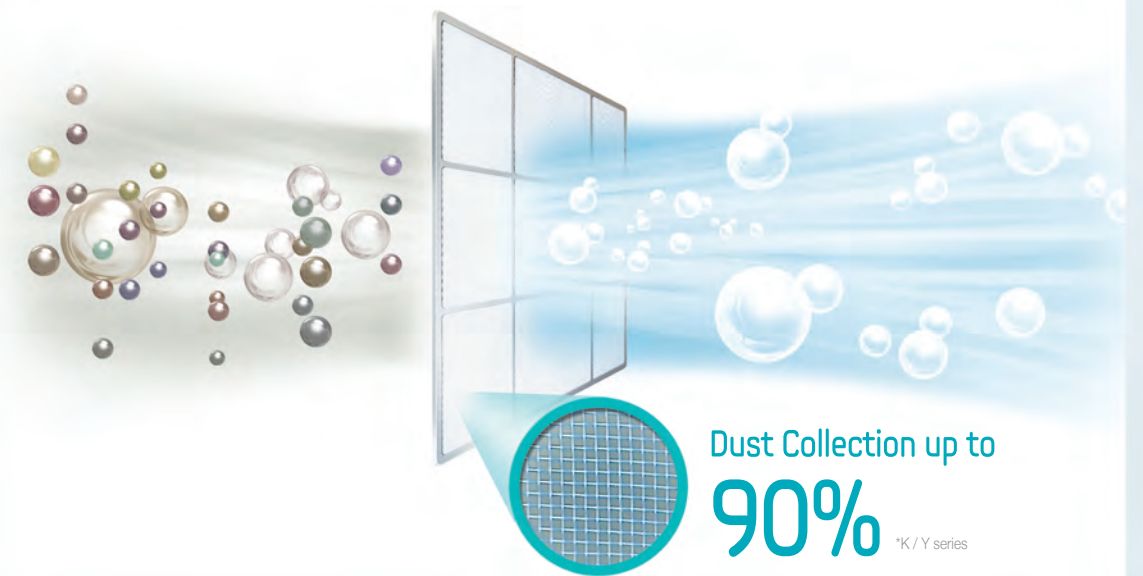
FULL HD FILTER

With Samsung's advanced Full High Density Filter, you can ensure your room is kept fresh and clean. The Full HD Filter offers improved filtration by removing even the smallest microscopic dust particles and transforming polluted air into clean energized air.

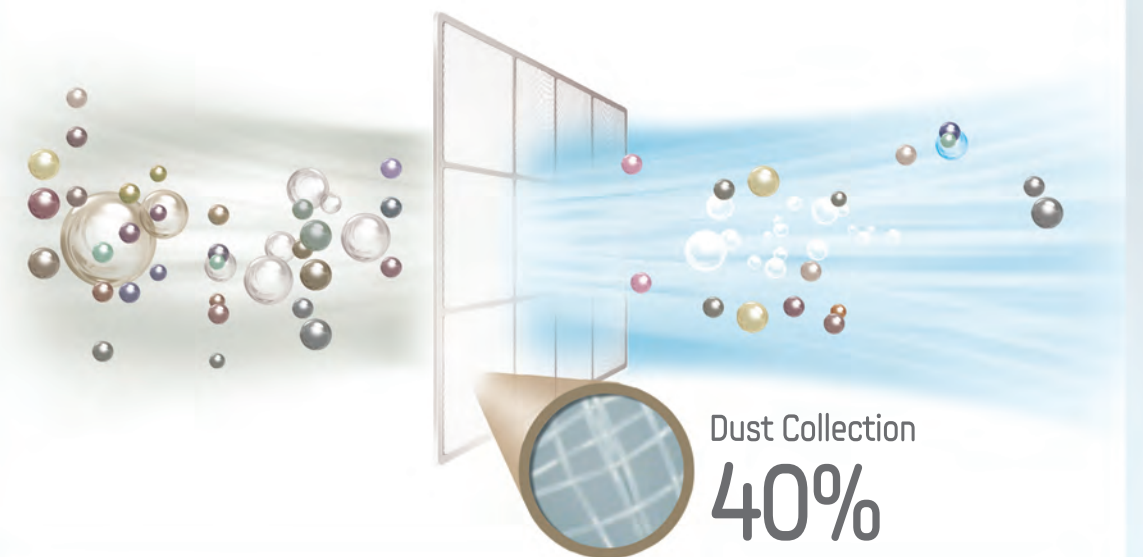
Improved dust removability!

Samsung's Full HD Filter creates cleaner air with outstanding dust collection!

FULL HD FILTER



Competitor Filter



Type of Full HD filter

There are three different types of Full HD Filters. The ultra-compact filters remove even the smallest dust particles. Also the anti-bacteria coating and allergy care system not only remove bacteria and house dust but also eliminate allergens.

	Conventional	Full HD Filter		
		Full HD 60	Full HD 80	Full HD 90
x 40				
x 150				
Application Model		Max	P, T series / Crystal	K, Y series
Filament Dia. (μm)	211	134	60	57
Dust Collection	40%	60%	80%	90%
Feature	Anti-Bacteria coating			Allergy Care

Anti-Allergy tested by National Food analysis center of Japan

Easier and care-free filter cleaning

All you need to do is simply wash out the dirt with flowing water to clean the filter. Always keep your air clean and fresh with simple and easy care of the filter.

Anti-bacteria Coating

Due to the anti-bacteria coating's unique structure, this filter can collect even the smallest dust particles and viruses. Enjoy complete protection from unwanted bacteria so you breathe cleaner, fresher air.



Allergy Care

Samsung's new allergy care filter removes not only bacteria and dust particles but also reduces allergy symptoms. The special coating helps protect against allergies and keeps your environment fresh.



S-Plasma ion

Samsung's S-Plasma ion eliminates harmful airborne substances such as bacteria, viruses and fungi. This outstanding air purification device improves indoor air quality to provide a more comfortable and healthier environment.



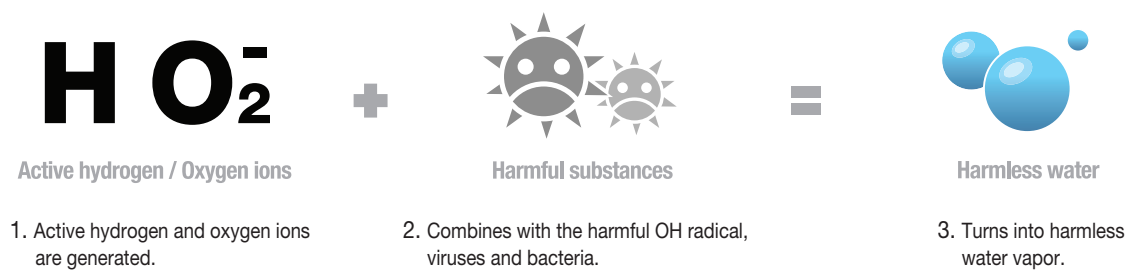
What is S-Plasma ion?

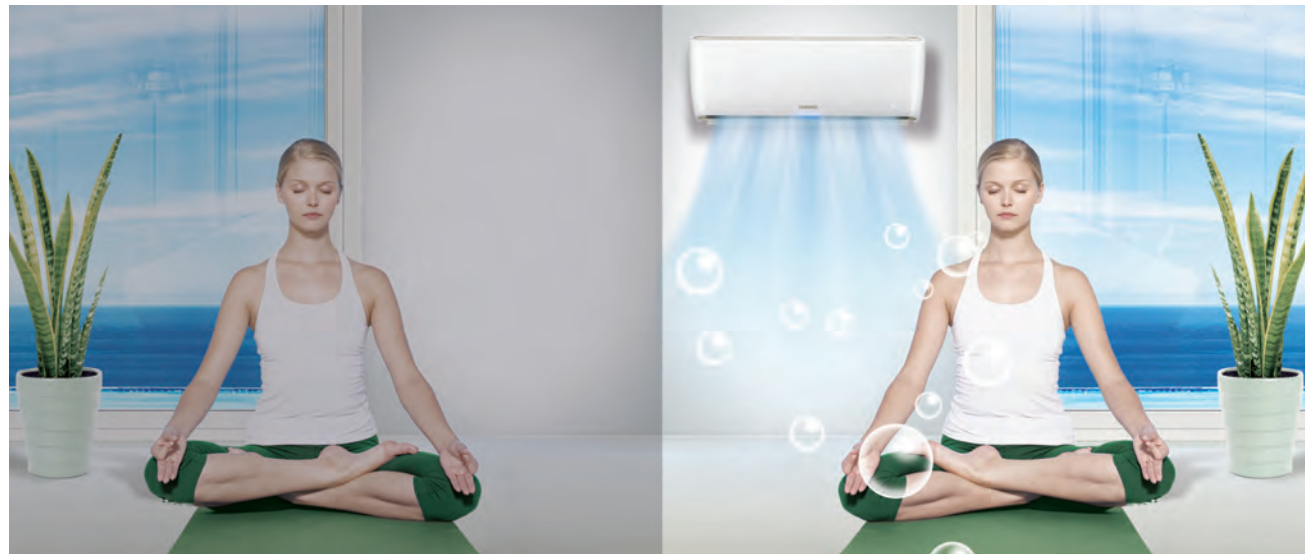
There are seriously harmful air contaminants in the air we breathe. Samsung S-Plasma ion is an air purifying device which neutralizes the biological contaminants in the air and turns them into water vapors. This outstanding device eliminates all the contaminants left in the air and substances that could not be percolated with physical filtration.



How does S-Plasma ion eliminate biological contaminants?

The S-Plasma ion generates active hydrogen and oxygen ions, which form Hydroperoxy radicals (HOO⁻). It reacts with virus and turns into harmless water vapor, H₂O. Also the active hydrogen (H) combines with OH-radical and forms a water vapor, neutralizing harmful OH-radical.





What kind of harmful particles does S-Plasma ion eliminate?

Samsung's unique S-Plasma ion technology eliminates biological contaminants such as viruses bacteria, molds and allergens. Protect your family from toxins that cause sickness with outstanding S-Plasma ion technology.

Airborne bacteria and viruses : Causes various diseases such as influenza, chicken pox, SARS even bird flu.	Bacteria : Causes a variety of diseases and symptoms	Molds : Nurtures and spreads harmful viruses and ticks	Active oxygen : Speeds up the skin aging process
High-allergen agents : Causes diverse allergies	Ticks : Causes skin irritations and respiratory problems	Dust in the air : Causes asthma, headaches, and bronchitis	Influenza A virus subtype H1N1 Eliminates 99.99% of this virus strain assured by the team that first developed the H1N1 flu vaccine.

19.16m³ Superb coverage

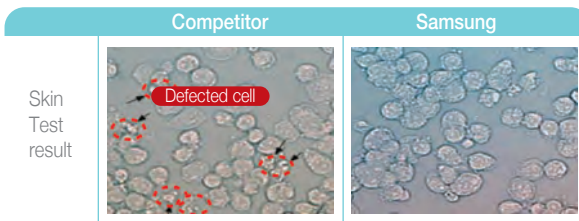
The S-Plasma ion purifies over 19.16m³ of space unlike its competitors. You can always have completely clean, healthy air even in large spaces.

Competitor	Samsung S-Plasma ion
4 m ³	19.16 m ³



Skin-friendly S-Plasma ion

Unlike competitor ionizers, which produce harmful OH radicals, Samsung's unique S-Plasma ion only emits active hydrogen and oxygen ions into the air, removing toxins and even neutralizing OH radicals. Keep your environment cleaner, healthier, and safer with Samsung's S-Plasma ion.



*Sejong Univ. Lab test result

World wide patents and certifications

S-Plasma ion is a unique and effective technology that is certified from all around the world. Patents have been received from many countries and the certifications obtained from academic research centers prove the superb technology of the S-Plasma ion.

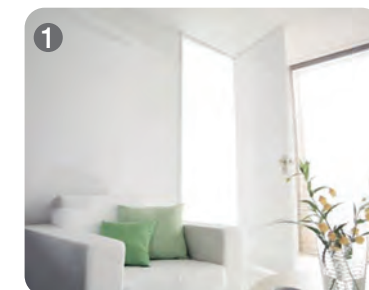
Target Species	Effectiveness	Institute	
Influenza virus type A	99.7%		Kitasato Environmental Science Center (Japan, '04.07)
	99.6%		Yeonsei University (Korean, '05.04)
Corona Virus (SARS)	99.8%		Kitasato Medical Center (Japan, '09. 10)
Avian Flu (H5N1 virus)	99.9%		Retroscreen (U.K, '09.05)
Influenza virus A subtype H1N1 (Swine flu)	99.9%		Chungnam National University (Korea, '09.09)
Allergen (Dust Mite / Cat / Dog Allergen)	confirmed		BAF (U.K.) Seal
	confirmed		RTI Test (U.S.)

Stay healthy with pure air designed by Samsung

In limited spaces like automobiles, airplanes and elevators, S-Plasma ion shows its outstanding technology by providing the highest level of fresh clean air. Keep your environment free from bacteria, mold and other contaminants with Samsung's innovative S-Plasma ion.

1. Home Environment

S-Plasma ion protects your family from airborne bacteria and viruses.

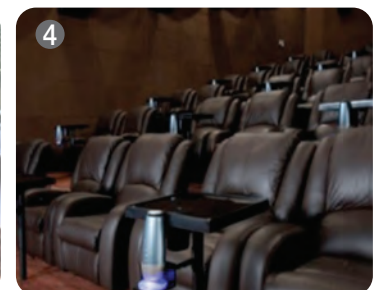


2. Medical Facilities

With S-Plasma ion, patients are safe from getting sick from contaminated air.

3. Transportation

S-Plasma ion provides comfortable and healthy indoor air while travelling for long periods of time.



4. Public Spaces

S-Plasma ion eliminates the toxins in the air of public places.

3D Wind

With Samsung's Wide Twin Blades, the air flows throughout the room evenly. The wider and longer blades provide advanced airflow in the room allowing you to experience a cooler environment in a shorter time.



120° wide airflow
The airflow covers 120° angle for complete comfort.



90° airflow to the floor
Two blades individually flows air down to the floor at 90°.



13m Longer distance coverage
The air distributes further throughout the room with long-range airflow.

Wide-Twin Blade

Samsung's Wide-Twin Blade can open up to 90 degrees for a more effective and reaching air flow. The longer twin blade ensures air reaches every corner of the room being cooled and more control in flow. Samsung offers the perfect solution in effective cooling with the Wide-Twin Blade.

120° wider coverage

Unlike conventional models, Samsung's Wide-Twin blade expands air coverage to 120 degrees. This improved distribution of cooling air lets you feel comfortable faster.



Wider Heating and Cooling

90° vertical airflow

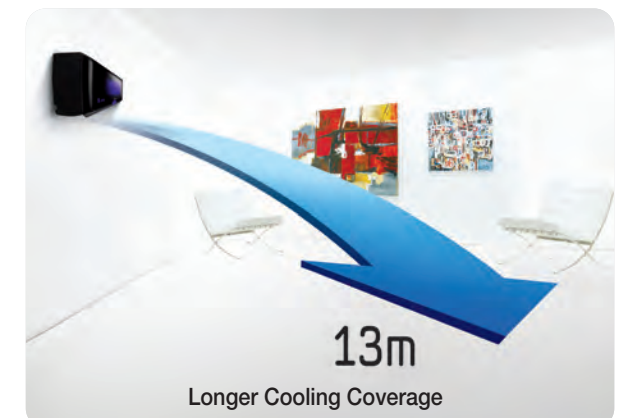
Samsung's Wide-Twin Blade individually controls the airflow at optimum angles. The double layered blade provides long range airflow to deliver heating or cooling for larger spaces.



Direct Heating/Cooling

13m Long range cooling

With the long-range air-flow, you can feel cool air instantly no matter how far you are from the air conditioner. The air conditioner can reach 13m so you are always cool and comfortable anywhere in the room.



13m Longer Cooling Coverage

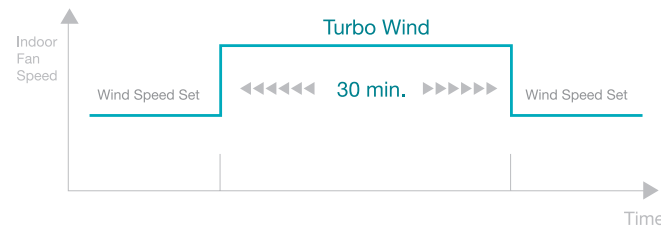
Turbo Cooling

Samsung's new air conditioner operates in its maximum speed in Turbo Cooling mode to quickly reach the set temperature. Instantly cool down your space with Samsung's Turbo Cooling technology.



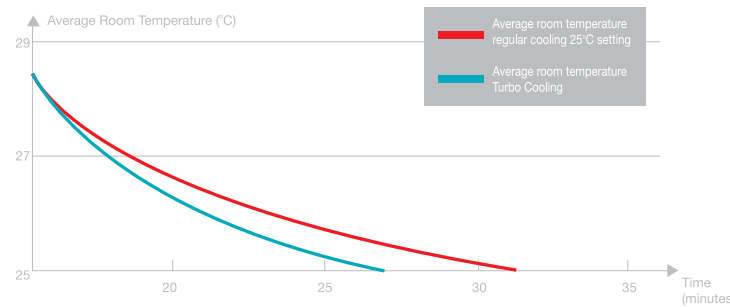
Maximum cooling!

When you enter your home or office after returning from the sweltering heat outside, you want immediate cool relief. When you turn on the air conditioner in Turbo Cooling mode, the compressor fan operates in its maximum speed for 30 minutes to cool down your space quickly.



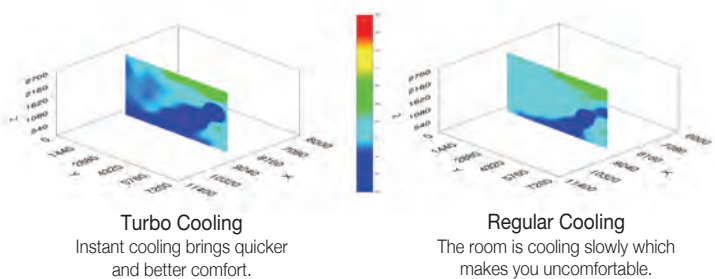
Cool down faster than ever

Compared to normal operation mode, Turbo Cooling mode cools down the space 15% faster. When you need instant cooling, Samsung air conditioner's Turbo Cooling mode is the perfect answer.



Even cooling

As you can see in the distribution table, Samsung's cool air evenly distributes throughout your room quicker than just regular cooling. Enjoy the comfortable cooling provided by Samsung air conditioner.



* More blue color means better cooling operation.

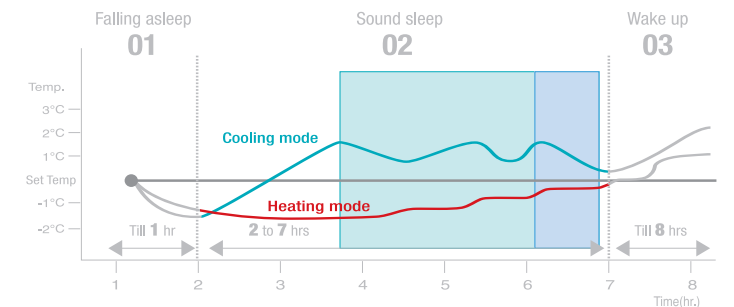
good'sleep

Samsung's good'sleep mode ensures that the most comfortable environmental temperature is maintained for your good night's sleep.



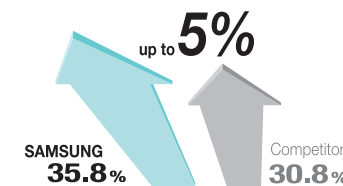
Best temperature for deep sleep

- 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 makes you feel refreshed.

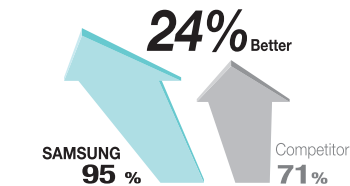


Everything improved!

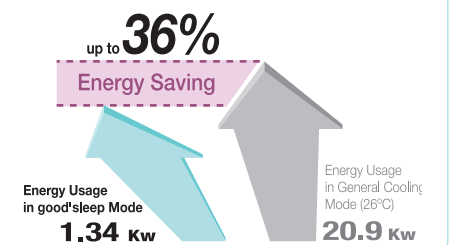
Sleep efficiency
The good'sleep mode increases sleep efficiency compared with competitors.



Pleasant skin temperature
The temperature setting of good'sleep maintains pleasant skin temperature, making your body more relaxed and comfortable.



Energy saving
The good'sleep mode reduces up to 36% of electricity consumption compared with a normal cooling mode.



Enjoy a pleasant night's sleep

Concerning your health, good'sleep offers ideal temperatures needed to quickly fall asleep, maintain a comfortable sleep environment, and to awake refreshed. Unlike other product's sleep mode, Samsung good'sleep considers the rhythms of human sleep.

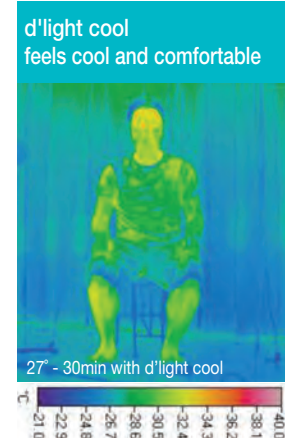
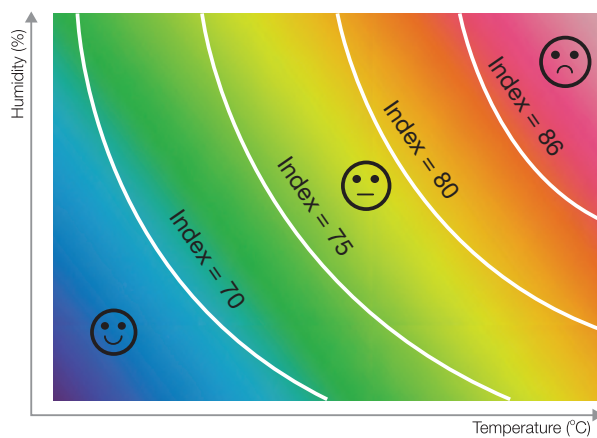
d'light cool

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



Optimum temperature for best comfort

People can feel comfort or discomfort even at the same temperature due to the varying level of humidity in the air. Samsung's d'light cool system automatically checks the current humidity and temperature and adjusts for the most pleasant environment.



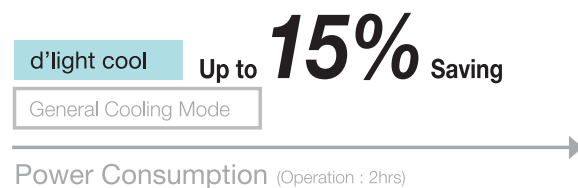
How d'light cool works

1. It first measures the humidity and temperature in the room.
2. It calculates what temperature and humidity is needed to reach the comfort index.
3. It adjusts the temperature and humidity automatically until the comfort index is reached.



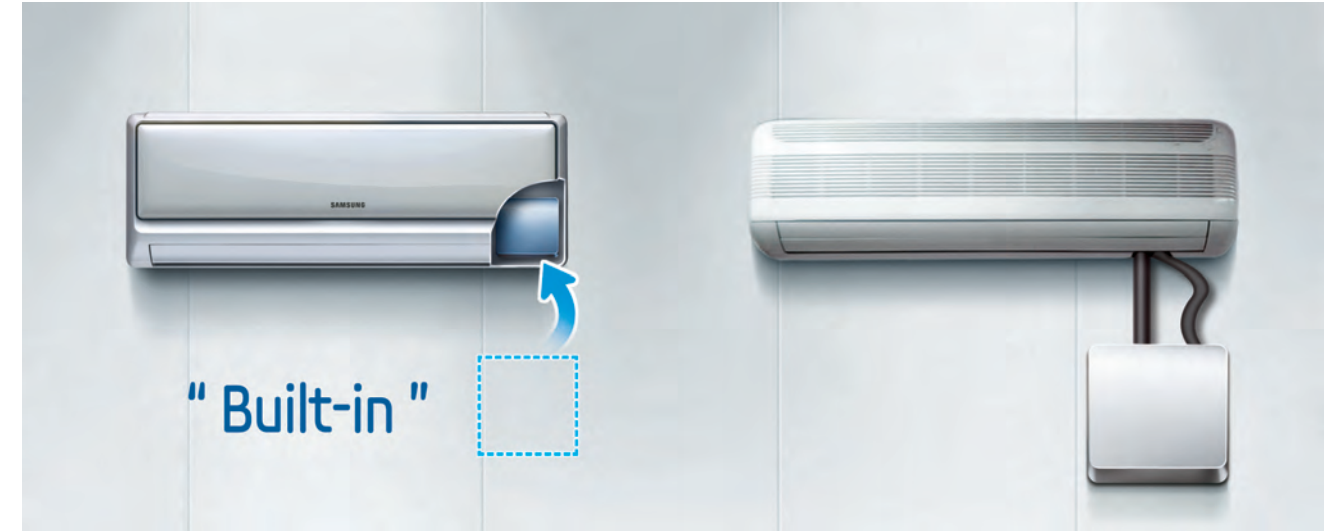
No more wasteful cooling

1. Accurately measure humidity & temperature to maintain the ideal comfort index.
2. No need to reset the temperature with automatic temperature control.
3. Customized cooling, which reduces energy waste.



Stabilizer-Free Operation

Samsung's air conditioner with built-in stabilizer lets you have cool fresh air without sacrificing interior style. With the Stabilizer-Free Operation, never worry about power failures while keeping your room looking good.



"Built-in" stabilizer!

The Stabilizer-Free air conditioner improves the look of your home since you don't need to install a separate stabilizer. With Samsung, you don't have to sacrifice style for consistent comfort.



Exceptional comfort with powerful air

Stabilizer-Free Operation gives you fresh, powerful air in any circumstance. With the built-in stabilizer, this air conditioner regulates the voltage keeping it stable to prevent surges in voltage and power outages. So, leave your worries behind and rely on Samsung for healthy and clean air.



Built-in stabilizer to save money

Samsung's Stabilizer-Free air conditioner automatically stabilizes voltage to prevent power failures, so you don't need to invest in a separate stabilizer. Even with a voltage surge of up to 290V or as little as 135V, the Stabilizer-Free air conditioner provides consistently cool, powerful, fresh air.



UTR Plus™

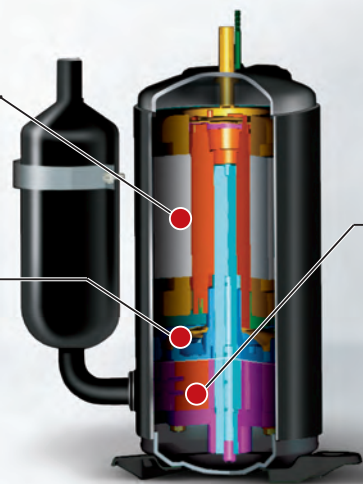
The UTR (Ultra Tropical Rotary) Plus™ provides incredibly powerful performance that quickly brings greater comfort even in severely hot weather. The stable operation of UTR Plus™ delivers reliable performance for a long time without any breakdowns.

High Torque Motor

- Increased maximum Torque
- Increased starting Torque for low voltage start

Low Noise Parts

- Valve stopper improvement
- Inclination muffler structure

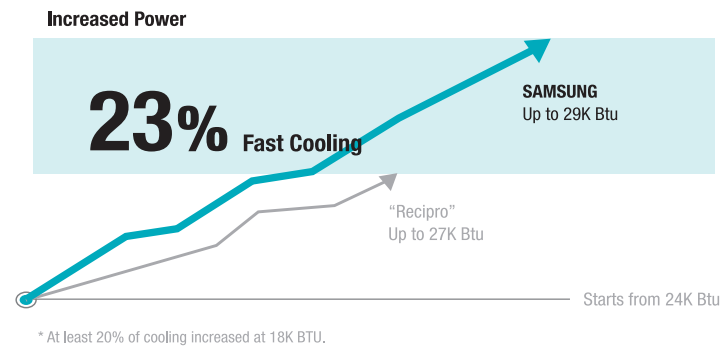


High Reliability Mechanical Parts

- Fixed upper bearing
- Special coated shaft and vane
- Internal OLP for high sensitivity

Consistent cooling in any kind of weather

The UTR Plus™ with its strong motor can quickly cool the air even in severely hot climates of 54°C. This outstanding compressor can cool down 23% faster than the conventional "Recipro" compressor.



Long-lasting coolness without breakage

Samsung's UTR Plus™ compressor extends its lifespan by enhancing its welding method with new durable material. You can enjoy the powerful performance of your air conditioner for a longer period of time.

Samsung UTR Plus Compressor			Reciprocating Compressor		
Components	Wear Rate (%)	Judgement	Components	Wear Rate (%)	Judgement
Shaft	5%	Excellent	Shaft	200%	Poor
Roller	15%	Good	Connecting Rod	90%	Not Satisfactory
Vane	1%	Excellent	Wrist Pin	48%	Good
Upper Bearing	17%	Excellent	Lower Bearing	108%	Not Satisfactory
Lower Bearing	12%	Good	Upper Bearing	82%	Not Satisfactory
Cylinder	11%	Excellent	Piston	85%	Not Satisfactory

Certifications for reliability and performance

Samsung UTR Plus™ received many certifications, which prove its outstanding reliability and strong performance. Keep your place cool and comfortable with Samsung's recognized UTR Plus™!

Certified by Maryland CEE (Max 9% higher EER than Reciprocating comp)



All of the UTR are licensed by KSA (Kingdom of Saudi Arabia)

Anti Corrosion fin

When corrosion starts, it shortens the life of the heat exchanger by reducing durability and allowing bacteria to grow. Samsung's heat exchanger fin is designed to resist corrosion so you have cool, comfortable air for a long long time.



Outstanding anti corrosion protection

The Anti-corrosion Fin Condenser is designed with strong corrosion-resistant material to protect itself from rusting. This smart fin strongly protects the condenser from corrosion to give you cool clean air without worries of wear. Stay comfortable all the time with Samsung's long-lasting air conditioner.



Samsung's Anti Corrosion fin



conventional

Higher reliability from wear

Samsung's anti-corrosion fin proves outstanding wear resistance compared to competitor's corrosion-resistant material. The anti-corrosion Fin Condenser with its unique corrosion-resistant material protects the heat exchanger against rust so you can have clean cooling and enjoy fresh air for a long time of period.



Triple Protector

Samsung's integrated protection technology offers better durability and reliability. Its powerful cooling system (Engine Protector), constant volt control (Controller Protector), and effective anti-corrosion coating (Fin Protector) allow you to have perfectly fresh cooling air for a longer period of time.



Ultimate Compressor



Advanced Volt control



Anti-Corrosion



Engine protector

Samsung's distinctive engine protector prevents compressor from being overloaded by heat in severely hot weather or unstable electricity circumstances. So, you have a cool, comfortable room quickly and you can forget that it's a hot summer day.

Controller protector

Samsung's advanced digital controller adjusts to avoid breakdowns from unstable power supplies. This special technology withstands power fluctuations from 80V to 400V so you always have unbeatable coolness regardless of circumstance.

Fin protector

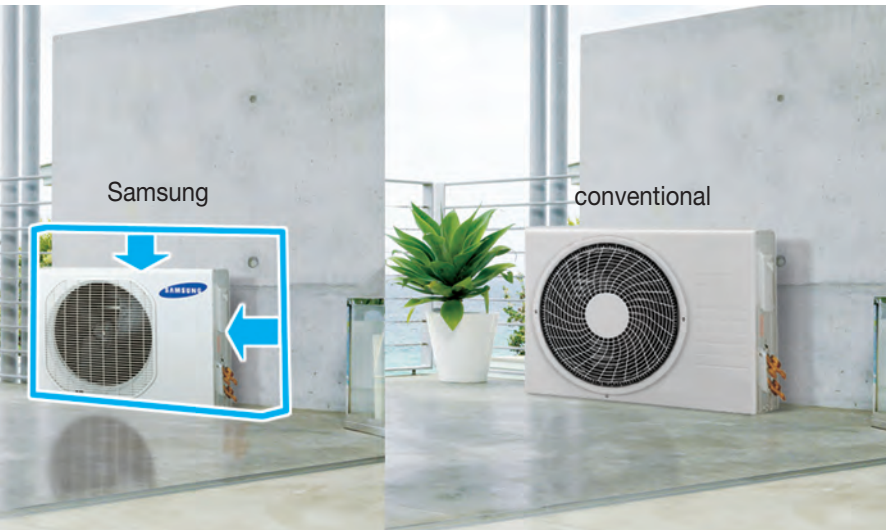
With time, the condenser of the air conditioner gets rusty and breaks down. Whereas this problem could be overlooked, Samsung made sure to protect even its interior with anti-corrosion fin to ensure consistent, long lasting performance.

MCC (Multi Channel Condenser)

Samsung's innovative MCC heat exchanger has an enlarged heat exchange surface which increases the cooling efficiency. The MCC's new flat surface design delivers quick cooling, so you can always have cool fresh air anytime you want.

Smaller size for easier installation

With Samsung's enhanced MCC, the heat exchanger does not need to be as large as before. The downsized heat exchanger also makes the outdoor unit smaller, which allows easier transfer and convenient installation.



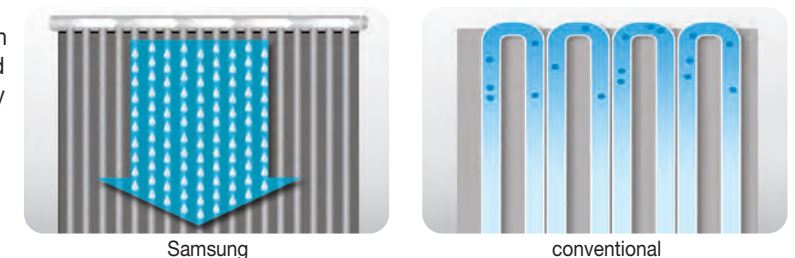
Remarkable innovation in heat exchanger!

Samsung's Multi Channel Condenser increases the heat exchange surface with multi channel flow. Moreover, with its new flat surface design, it reduces the air resistance compared to conventional heat exchangers. The large flat surface and multiple channels enhance its cooling efficiency. Thanks to MMC's smaller size, it's widely used in cars, which require higher efficiency even in limited spaces.



Instant heat exchange for faster cooling!

Compared to conventional heat exchangers, Samsung MCC's faster performance results in faster heat exchange, so your space is cooled instantly. With fast cooling of your space, stay cool and comfortable all the time.



Quiet Operation

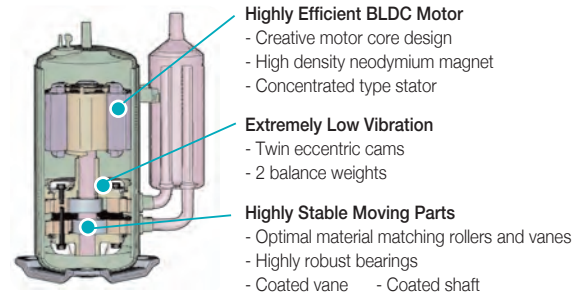
For greater comfort, Samsung made improvements to reduce vibration and noise level coming from the air conditioner. With Samsung's highly innovative air conditioner, you can always have quiet, peaceful life while staying comfortably cool.



Immensely low vibration with TBLDC

Samsung air conditioner applied the twin BLDC compressor with stable moving parts. This highly efficient motor provides extremely low vibration which reduces variation by 40% compared to the conventional single BLDC compressor.

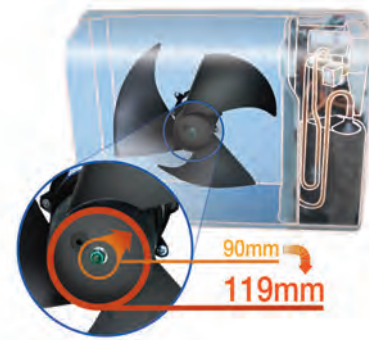
BLDC (Twin Rotary) Compressor



*K,Y Series(All model), P Series(18K-24K Btu model)

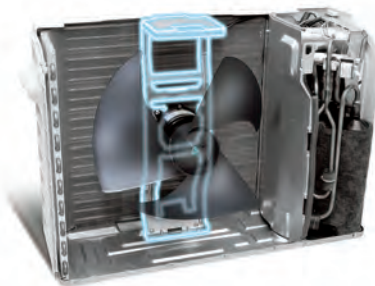
More stable fan spinning

New pan hub's depth is increased from 45 mm to 62mm and diameter is widened by 32%. The reinforced fan hub makes the spinning more stable, reducing the vibration noise when the air conditioner is in operation.



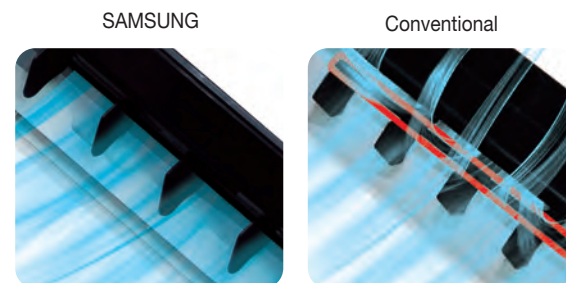
Stronger body pillar

The body pillar inside the outdoor unit supports the outer case. Once the air conditioner is turned on, the outdoor unit's case makes a high level of noise due to the vibration and loose-jointed parts. Samsung strengthened the body pillar to hold out the case more tightly to inhibit vibration and add durability.



Seamless airflow

The air conditioner's air path has been widened and streamlined to reduce air friction surface. This reduced a frictional whizzing sound without compromising Samsung air conditioner's powerful blasting wind.

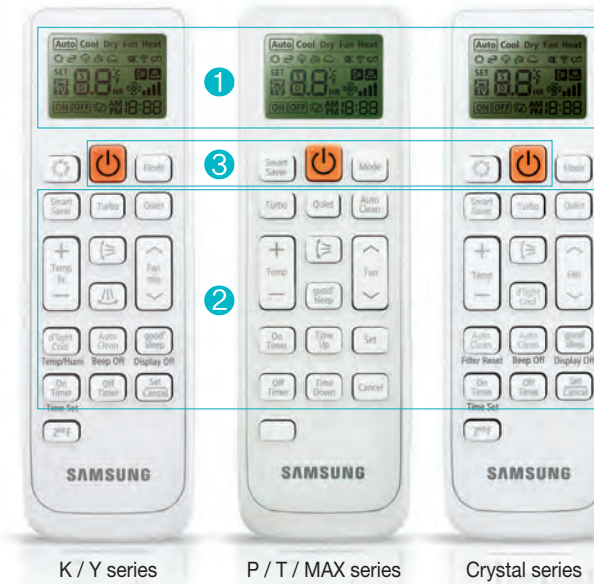


Special Remote Control

It's an ergonomic and innovative remote control with better design, easy grip, soft touch buttons, easy-view display, and more. All these convenience and simple design are in the palm of your hand.

Ergonomically design for better control

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



01 Easy View Display

Bigger, clearer numbers and icons allow for better visibility.



02 Bigger Buttons

Larger buttons for easier use.



03 Power Button

Orange colored power button makes it easy to see.



Auto Changeover

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



Split Type

- K-SERIES Jungfrau Flagship 33
- Y-SERIES Jungfrau Premium 37
- P-SERIES Maldives 41
- T-SERIES Boracay 45
- CRYSTAL 49
- MAX 53



Extreme Saving with Style

K Series

(Jungfrau Flagship)



You can recreate your space with utmost modern beauty even with extreme energy saving.

Samsung's new air conditioner is designed with dark purple color gradation and specially created unique pattern to deliver the luxuriousness. Also the smart technologies support the air conditioner to reduce energy consumption to save your money. Make your space beautiful in low energy usage.



New Beauty Emerges from Samsung

Samsung guarantees to support your stylish life with peerless beauty of the new air conditioner. Samsung's new air conditioner is delicately designed with high-gloss panel in purple black color. The dark gradation of color delivers enchanting beauty.

K Series (Jungfrau Flagship)



Inimitable Design

The elaborately designed Samsung's new air conditioner is a perfect solution for your stylish and modern living room.



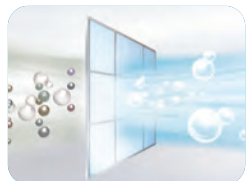
World Top Class EER

The new air conditioner achieved world top class Energy Efficiency Ratio by saving 80% in energy.



Zero Standby Power

The air conditioner uses almost 0W of energy when it's off, that results 90% saving.



Full HD Filter

The Full High Density Filter collects up to 90% of dust and allergy causing bacteria.



S-Plasma ion

S-Plasma ion eliminates up to 99% of the biological contaminants in the air such as dust, bacteria and even H1N1 virus.



d'light cool

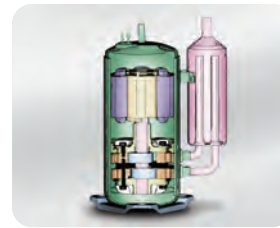
This system automatically adjusts the temperature and humidity level to maintain the most pleasant degree.



3D Wind

The Wide Twin Blades and 4 Way Auto Swing provide advanced airflow all around the room for even distribution.

Additional Features



Twin BLDC Compressor

Twin BLDC Rotary compressor extremely reduces vibration of outdoor unit by 40%.

- Smart Saver
- Auto Changeover
- Anti Corrosion Fin



good'sleep

good'sleep automatically adjusts temperature to create most comfortable environment at night.

- Dehumidification
- Auto Clean
- Quiet Mode



Turbo Cooling

Turbo Cooling maximizes the speed of cooling and heating to quickly reach the set temperature.

- Auto Wind
- Natural Breeze
- Triple Protector (Option)

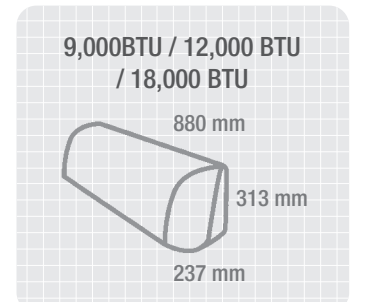


Allergy Care

The specially coated filter eliminates allergy causing agents and reduces your allergy symptoms.

- Auto Restart
- Real Time Timer
- Remote Controller

Available Colors & Dimensions



Remote Control & Outdoor Unit



Extreme Saving with Style

Y Series

(Jungfrau Premium)



Samsung's new air conditioner saves extreme money with natural beauty. The simple and neat design with snow white color brings complete elegance. Also the unbeatable technologies are applied to this unique air conditioner, which reduce energy consumption to save your money and nature at the same time. Keep your place look more stylish with less money spending on energy.



Natural Beauty

Beautify your space with refulgent style by Samsung's delicately designed air conditioner. The snow white color and the sophisticated design bring soft, tender atmosphere to your place.

Y Series (Jungfrau Premium)



Features



Inimitable Design

The elaborately designed Samsung's new air conditioner is a perfect solution for your stylish and modern living room.



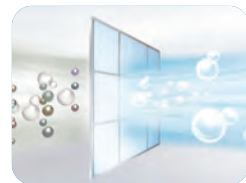
Smart Inverter

Smart Inverter maintains ideal temperature without constant shutting off and on the compressor.



Zero Standby Power

The air conditioner uses almost 0W of energy when it's off, that results 90% saving.



Full HD Filter

The Full High Density Filter collects up to 90% of dust and allergy causing bacteria.



S-Plasma ion

S-Plasma ion eliminates up to 99% of the biological contaminants in the air such as dust, bacteria and even H1N1 virus.



d'light cool

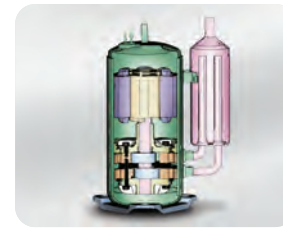
This system automatically adjusts the temperature and humidity level to maintain the most pleasant degree.



3D Wind

The Wide Twin Blades and 4 Way Auto Swing provide advanced airflow all around the room for even distribution.

Additional Features



Twin BLDC Compressor

Twin BLDC Rotary compressor extremely reduces vibration of outdoor unit by 40%.

- Smart Saver
- Auto Clean
- Auto Wind



good'sleep

good'sleep automatically adjusts temperature to create most comfortable environment at night.

- Dehumidification
- Natural Breeze
- Quiet Mode



Turbo Cooling

Turbo Cooling maximizes the speed of cooling and heating to quickly reach the set temperature.

- Auto Restart
- Real Time Timer
- Triple Protector (Option)



Allergy Care

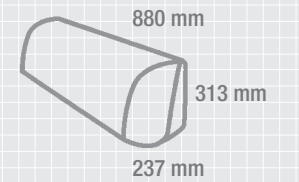
The specially coated filter eliminates allergy causing agents and reduces your allergy symptoms.

- Auto Changeover
- Anti Corrosion Fin
- Remote Controller

Available Colors & Dimensions



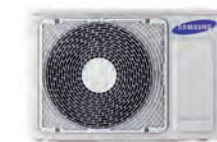
9,000BTU / 12,000 BTU / 18,000 BTU



Remote Control & Outdoor Unit



Inverter



9K BTU



12K BTU



18K BTU

Maximize Cooling, Minimize Energy

P Series



(Maldives)

Samsung's new air conditioner provides better and more well-being air. This unique air conditioner is not only beautiful as pure snow but also delivers you the most fresh, clean, purified air even with low energy consumption.



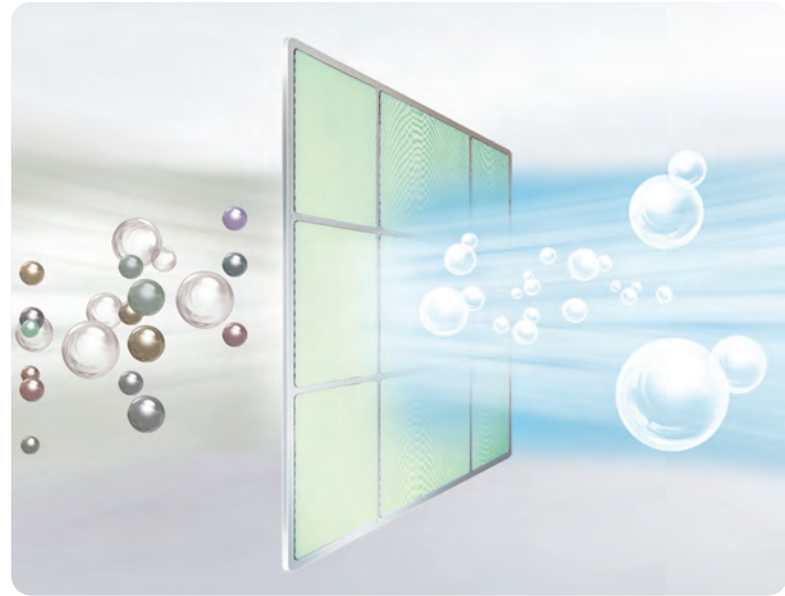
Maximize the cooling but minimize the energy use!

Samsung's air conditioner delivers you the super comfort with completely purified air. Even with less energy consumption, you can always have healthy air by Samsung air conditioner.

P Series (Maldives)



Features



Full HD Filter
The Full High Density Filter collects up to 80% of dust and allergy causing bacteria.



Smart Inverter
Smart Inverter maintains ideal temperature without constant shutting off and on the compressor.



good'sleep
good'sleep automatically adjusts temperature to create most comfortable environment at night.



Smart Saver
In Smart Saver mode, the compressor of the air conditioner operates in the least amount of time to cool the room, which saves electricity.



Zero Standby Power
The air conditioner uses almost 0W of energy when it's off, that results 90% saving.



Quiet Mode
With less noise and vibration, you can always have quiet, peaceful life while staying comfortably cool.

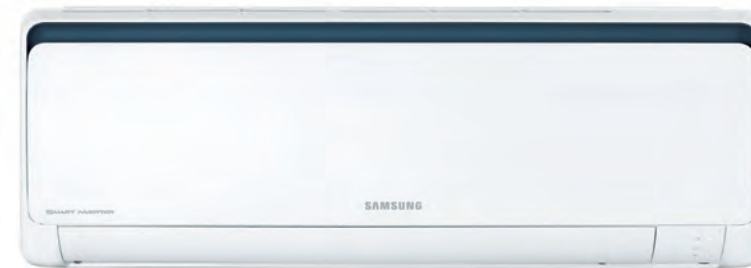


Triple Protector
The powerful cooling system, constant volt control and effective anti-corrosion coating offers fresh cooling air for a long time.

Additional Features

- Anti Bacteria Coating
- Dehumidification
- Anti Corrosion Fin
- Remote Controller
- Auto Clean
- Auto Wind
- Auto Changeover
- Natural Breeze
- Turbo Cooling
- Zero Standby Power
- Auto Restart
- 24-hour Timer
- S-Plasma ion (Option)

Available Colors & Dimensions



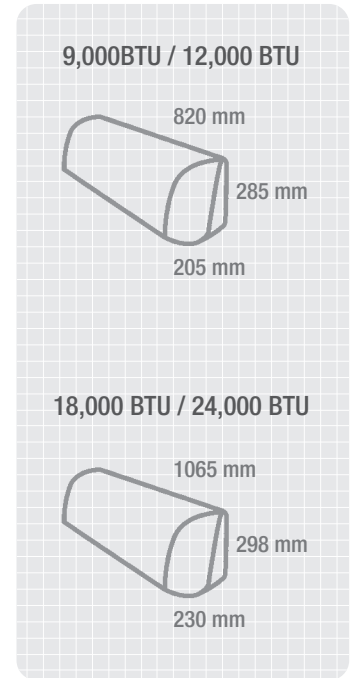
Blue



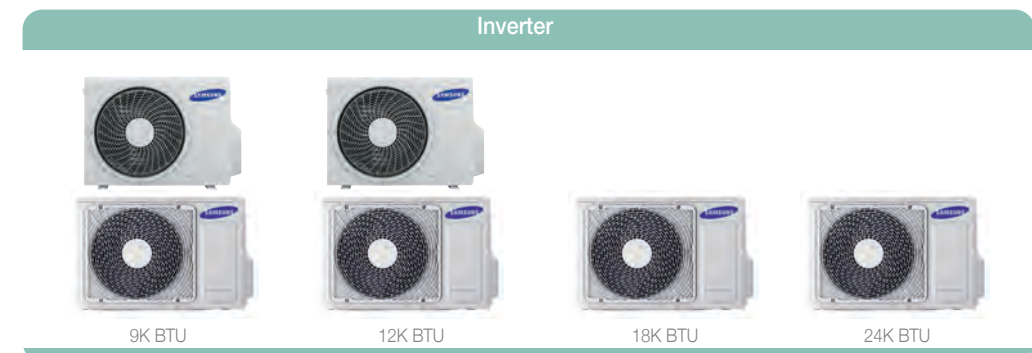
Silver



White



Remote Control & Outdoor Unit



Cool & Fresh Air

T Series

(Boracay)



During severely hot summer, you need cool air as fast as you can. Samsung's new air conditioner cools your space quickly to make you feel better and nice. Also even in severe weather, the air conditioner delivers pleasant cooling all day long without sudden power outage.



Rapid Cool Down to Comfort You as Quickly as Possible !

Samsung's air conditioner cools down your space fast enough to give you pleasure on time. Also with stronger durability of the air conditioner, you can have fresh clean cool air stably all day long.



T Series (Boracay)

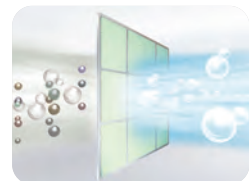


Features



Turbo Cooling

Turbo Cooling operates compressor fan in its maximum speed to cool or heat down your space quickly.



Full HD Filter

The Full High Density Filter collects up to 80% of dust and allergy causing bacteria.



good'sleep

good'sleep automatically adjusts temperature to create most comfortable environment at night.



Smart Saver

In Smart Saver mode, the compressor of the air conditioner operates in the least amount of time to cool the room, which saves electricity.



24-hour Timer

24-hour Timer allows you to set the air conditioner to turn on up to 24hrs in future.



UTR Plus (option)

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



Triple Protector

The powerful cooling system, constant volt control and effective anti-corrosion coating offers fresh cooling air for a long time.

Additional Feature

- Slim Solution
- Auto Wind
- Quiet Mode
- Remote Controller
- Dehumidification
- Anti Bacteria Coating
- 24-hour Timer
- Auto Restart
- Auto Clean
- Anti Corrosion Fin
- Auto Changeover
- Natural Breeze
- Zero Standby Power

Available Colors & Dimensions

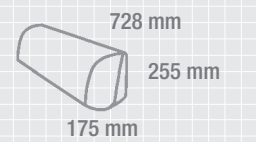


Silver

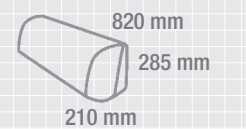


Blue

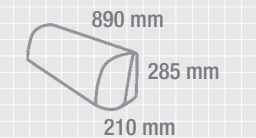
7,000 BTU



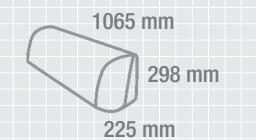
9,000 / 12,000 BTU



18,000 BTU



24,000 BTU



Remote Control & Outdoor Unit



On / Off



7 / 9 K BTU



12 K BTU



18 K BTU



24 K BTU

Feel Pure Ideal Comfort

Crystal

Samsung 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 functions. Samsung air conditioner allows you to have clean, comfortable air all the time.

d'light cool

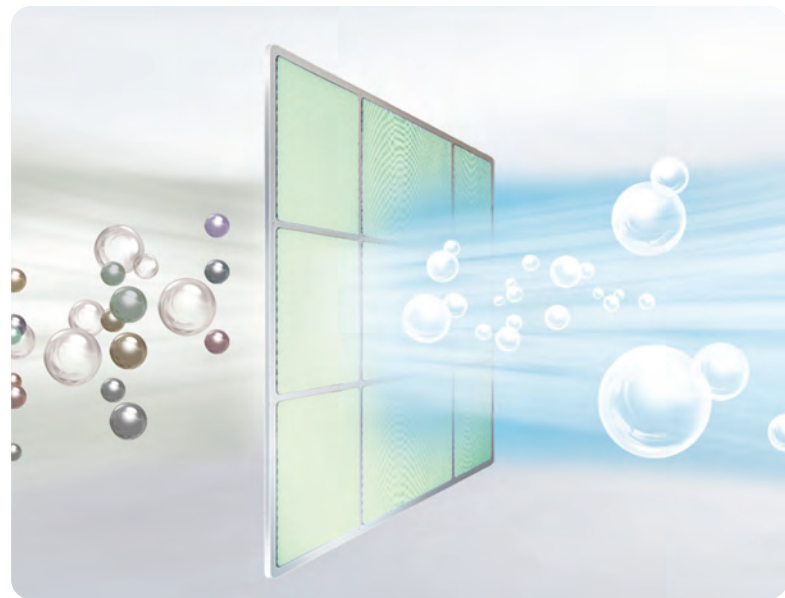
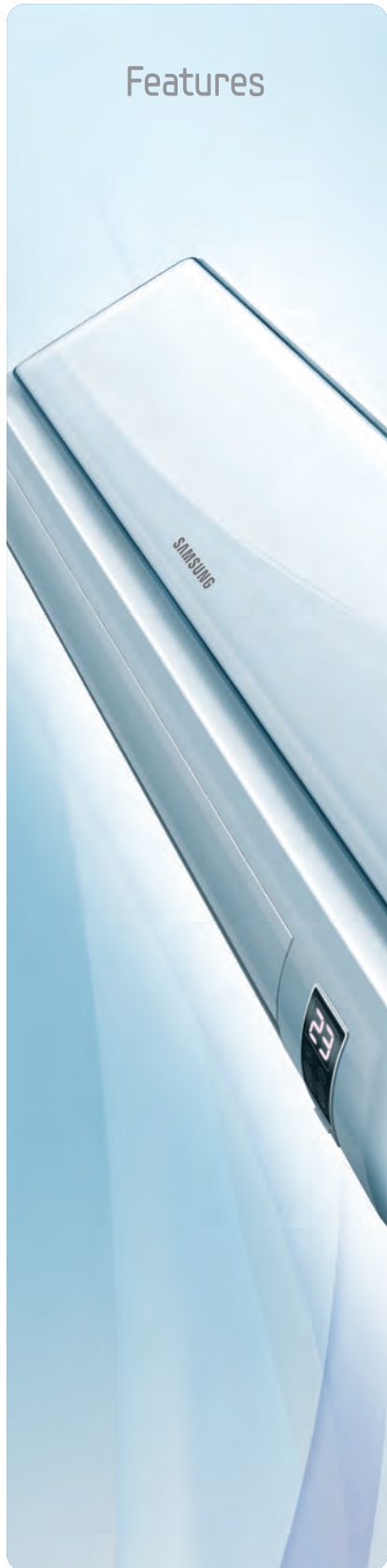
You can always enjoy pure comfort with the automatic temperature adjustment of Samsung air conditioner. With perfect balance of temperature and humidity level, the air is always comfortably refreshing.



Crystal



Features



Full HD Filter

The Full High Density Filter collects up to 80% of dust and allergy causing bacteria.



S-Plasma ion

S-Plasma ion eliminates up to 99% of the biological contaminants in the air such as dust, bacteria and even H1N1 virus.



Smart Inverter (option)

Highly efficient Smart Inverter technology maintains precise temperature even with 50% less energy consumption.



Filter Cleaning Indicator

The indicator automatically alerts you when the filter needs to be cleaned by illuminating blue light.



Smart Saver

In Smart Saver mode, the compressor of the air conditioner operates in the least amount of time to cool the room, which saves electricity.



good'sleep

good'sleep automatically adjusts temperature to create most comfortable environment at night.



Multi Filter System

Multi Filter system is composed of Catechin, Deodorizing, and optional DNA filters, and S-Plasma ion to keep your air clean and fresh.

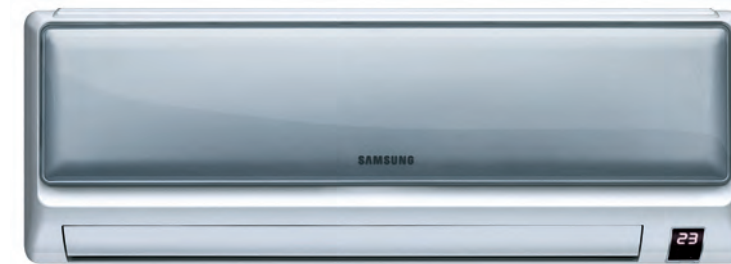
Additional Feature

- Turbo Cooling
- Anti Bacteria Coating
- Auto Clean
- Natural Breeze
- Real Time Timer
- Auto Wind
- Quiet Mode
- 24-hour Timer
- Auto Changeover
- Auto Restart
- Anti Corrosion Fin
- Dehumidification
- UTR Plus(Optional)
- Zero Standby Power
- Remote Controller

Available Colors & Dimensions



White

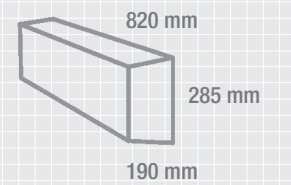


Silver

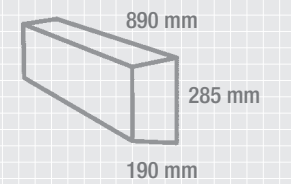


Blue

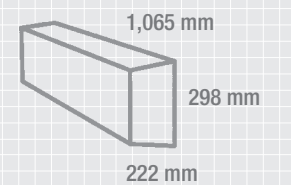
9,000 / 12,000 BTU



18,000 BTU



24,000 BTU



Remote Control & Outdoor Unit



Inverter



9K / 12K BTU

18K / 24K BTU

On / Off



9K BTU

12K BTU

18K BTU

24K BTU

Ideal Air for Perfect Coolness

Max

Enjoy exceptional cooling power with Samsung air conditioner. Samsung air conditioner quickly cools the room with strong refreshing air. Also its unique technologies prevent waste of unnecessary energy consumption and control the temperature automatically so you can sleep comfortably throughout the night.



White

Max



Features



Smart Inverter (option)

Highly efficient Smart Inverter technology maintains precise temperature even with 50% less energy consumption.



Smart Saver

In Smart Saver mode, the compressor of the air conditioner operates in the least amount of time to cool the room, which saves electricity.



Turbo Cooling

Turbo Cooling maximizes the speed of cooling and heating to quickly reach the set temperature.

Additional Feature

- Zero Standby Power
- good'sleep
- UTR Plus(Optional)
- Anti Bacteria Coating
- Auto Clean
- Dehumidification
- Quiet Mode
- Auto Restart
- Real Time Timer
- Full HD Filter
- 24-hour Timer
- Auto Changeover
- Remote Controller

Available Colors & Dimensions



Gray

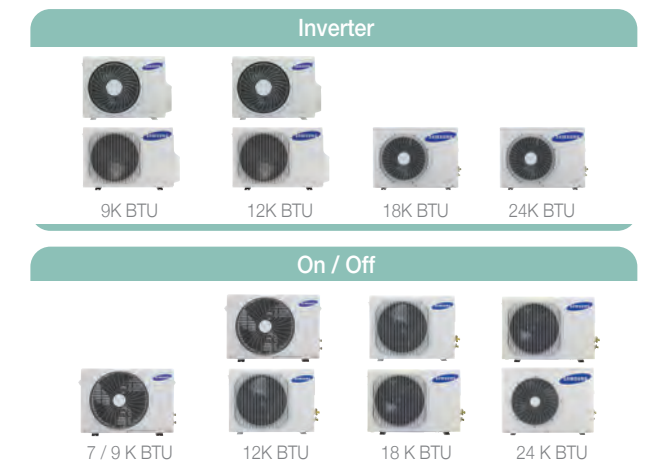


Light Blue

* For white models, refer to the image on left page.

7,000 BTU	9,000 / 12,000 BTU	18,000 BTU	24,000 BTU
728 mm	820 mm	890 mm	1065 mm
255 mm	285 mm	285 mm	298 mm
190 mm	190 mm	190 mm	222 mm

Remote Control & Outdoor Unit



Window Type



FEATURES	57
MEXICO / SOUTH AMERICA LINE UP	59
CIS LINE UP	61
MIDDLE EAST / AFRICA LINE UP	63
SE ASIA LINE UP	67
INDIA LINE UP	69

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

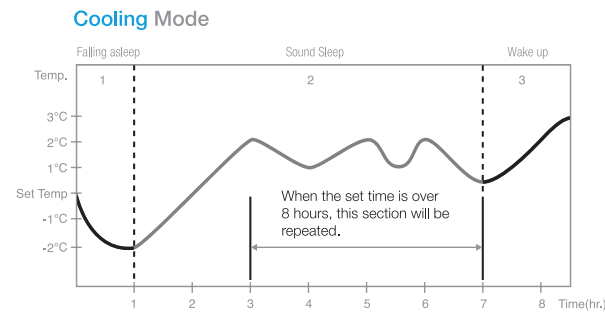
Eases you into sleep by dropping the temperature.

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.



FULL HD FILTER

The Full High Density Filter collects up to 60% of dust and harmful bacteria.



Convenient Control

01 Smart Display

Shows you the operating status.

02 Timer button

Sets the 24hr On / Off timer.

03 good'sleep button

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

04 Air flow direction adjustment button

Moves inner air flow blades horizontally.

05 Fan speed adjustment button(s)

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

06 On / Off button

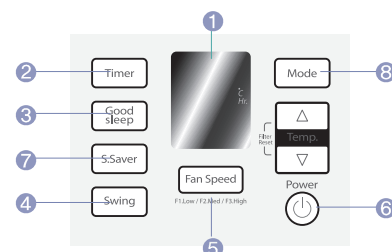
Turns on / off the air conditioner.

07 Smart Saver button

Smart Saver operates the air conditioner automatically in the least amount of time necessary to cool the room, which save electricity.

08 Mode selection button(s)

You can select the Cool, Heat, Dry or Fan mode by pressing 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 lightweight 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, keeping 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.



Samsung's rust-free cabinet material after 1000 hours



Normal cabinet material after 600 hours

Ventilation Control

The air can be guided in the direction you want just 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.



Mexico / South America Line up

New Y Series (Mechanical)

Features & Model

- _ Full HD Filter
- _ Temperature Control
- _ 2 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 2 Stage Fan/Cool Mode



Power Source(V/Hz/0)		5K Btu
Cooling Only	115 / 60 / 1	AW05N0AG

AI Series (Electronic)

Features & Model

- _ Full HD Filter
- _ Temperature Control
- _ good'sleep
- _ 24-hour Timer
- _ 4 Way Air Direction
- _ Remote Controller
- _ Washable Grill
- _ Easy to Access Filter
- _ Energy Saving Mode
- _ 3 Stage Fan/Cool Mode



Power Source(V/Hz/0)		5K Btu
Cooling Only	115/60/1	AW08NHAG

AI Series (Mechanical)

Features & Model

- _ Full HD Filter
- _ Temperature Control
- _ 4 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 2 Stage Fan / 3 Stage Cool Mode



Power Source(V/Hz/0)		5K Btu
Cooling Only	115 / 60 / 1	AW08N0AF

INNO & H Series (Mechanical)

Features & Model

- _ Full HD 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



Power Source(V/Hz/0)		12K Btu	18K Btu	24K Btu
Cooling Only	220 / 60 / 1	AW12P1BG AW12P0BG	AW18P1BG	AW24P1BC
	115 / 60 / 1	AW12P1AG AW12P0AG	-	-

INNO & H Series (Electronic)

Features & Model

- _ Full HD Filter
- _ Temperature Control
- _ good'sleep
- _ Auto Swing
- _ 4 Way Air Direction
- _ Air Ventilation
- _ Slide In/Out
- _ Remote Controller
- _ Washable Grill
- _ Easy to Access Filter
- _ Smart Saver
- _ 3 Stage Fan/Cool Mode
- _ 24-hour Timer



Power Source(V/Hz/0)		12K Btu	18K Btu	24K Btu
Cooling Only	220 / 60 / 1	AW12PKBG AW12PHBG	AW18PKBG	AW24PKBC
	115 / 60 / 1	AW12PKAG AW12PHAG	-	-

CIS Line up

New Y Series (Mechanical)

Features & Model

- _ Full HD Filter
- _ 2 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 2 Stage Fan/Cool Mode
- _ Anti Bacteria Coating

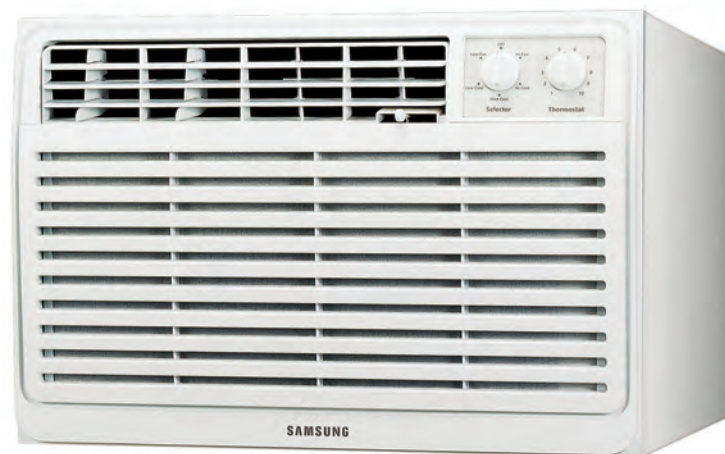


	Power Source(V/Hz/Ø)	5K Btu
Cooling Only	220~240 / 50 / 1	AW05NOD

AI Series (Mechanical)

Features & Model

- _ Full HD Filter
- _ Auto Swing
- _ 4 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 2 Stage Fan/3 Stage Cool Mode



	Power Source(V/Hz/Ø)	5K Btu
Cooling Only	220 / 60 / 1	-
	220~240/50/1	AW07NOD

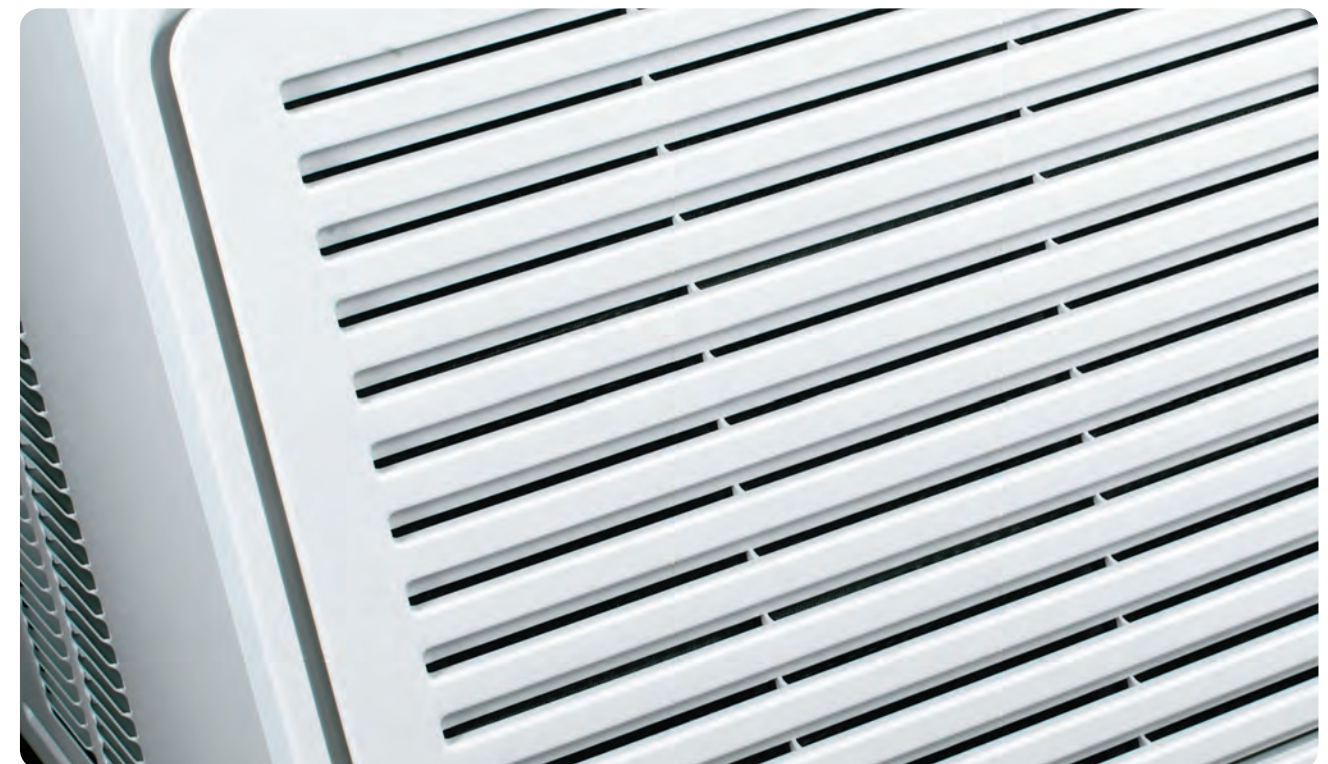
H Series (Electronic / P Grill)

Features & Model

- _ Full HD Filter
- _ Temperature Control
- _ good'sleep
- _ Auto Swing
- _ 4 Way Air Direction
- _ Air Ventilation
- _ Slide In/Out
- _ Remote Controller
- _ Washable Grill
- _ Easy to Access Filter
- _ Smart Saver
- _ 24-hour Timer
- _ 3 Stage Fan/Cool Mode



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



Middle East / Africa Line up

H Series (Mechanical / P Grill)

Features & Model

- _ Full HD Filter
- _ Auto Swing
- _ 4 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ Air Ventilation
- _ 2 Stage Fan / 3 Stage Cool Mode



	Power Source(V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Cooling Only	220~240 / 50 / 1	AW09P1E	AWT12P1B / AW12P1C / AWT13P1C	AW18P1B / AW18P1C	AW24P1B / AW24P1C
	115 / 60 / 1	-	AWT12P1B	-	-

H Series (Mechanical / F Grill)

Features & Model

- _ Full HD 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 Mode



	Power Source(V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220~240 / 50 / 1	-	-	AHT19F1C	-
Cooling Only	220~240 / 50 / 1	-	-	AWT19F1C	-

H Series (Electronic / P Grill)

Features & Model

- _ Full HD Filter
- _ good'sleep
- _ 24-hour Timer
- _ Smart Saver
- _ Auto Restart
- _ Auto Swing
- _ Air Ventilation
- _ 4 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 3 Stage Fan/Cool Mode



	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	AW09PKE	AWT13PHC / AW12PKB / AW12PKC	AW18PKB / AW18PKC	AW24PKB / AW24PKC

H Series (Electronic / F Grill)

Features & Model

- _ Full HD Filter
- _ Temperature Control
- _ good'sleep
- _ Auto Swing
- _ 4 Way Air Direction
- _ Air Ventilation
- _ Slide In/Out
- _ Remote Controller
- _ Washable Grill
- _ Easy to Access Filter
- _ Smart Saver
- _ 24-hour Timer
- _ 3 Stage Fan/Cool Mode



	Power Source(V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220~240 / 50 / 1	-	-	AWT19FGC	-
Cooling Only	220~240 / 50 / 1	-	-	AWT19FHC	-

Middle East / Africa Line up

M Series (Mechanical / W Grill)

Features & Model

- _ Full HD Filter
- _ Auto Swing
- _ 4 Way Air Direction
- _ Air Ventilation
- _ Slide In/Out
- _ Washable Grill
- _ Easy to Access Filter
- _ 2 Stage Fan/3 Stage Cool Mode



	Power Source(V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220~240 / 50 / 1	-	-	AHT18W1C	AHT24W1C
	220 / 60 / 1	-	-	AHT18W1D	AHT24W1B
Cooling Only	220~240 / 50 / 1	-	-	AWT18W1C	AWT24W1C
	220 / 60 / 1	-	-	AWT18W1D	AW24W1B

M Series (Electronic / W Grill)

Features & Model

- _ Full HD Filter
- _ good'sleep
- _ Auto Swing
- _ 4 Way Air Direction
- _ Air Ventilation
- _ Slide In/Out
- _ Remote Controller
- _ Washable Grill
- _ Easy to Access Filter
- _ Smart Saver
- _ 24-hour Timer
- _ 3 Stage Fan/Cool Mode



	Power Source(V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220~240 / 50 / 1	-	-	AWT18WHC	AWT24WHC
Cooling Only	220 / 60 / 1	-	-	AWT18WHD	AWT24WHB

M Series (Mechanical / U Grill)

Features & Model

- _ Full HD Filter
- _ Temperature Control
- _ Air Flow Control Step (Cool/Fan)
- _ Auto Swing
- _ 4 Way Air Direction
- _ Air Discharge
- _ Air Ventilation
- _ Slide In/Out



	Power Source(V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220 / 60 / 1	-	-	AHT18U1D	-
Cooling Only	220 / 60 / 1	-	-	AWT18U1D	-

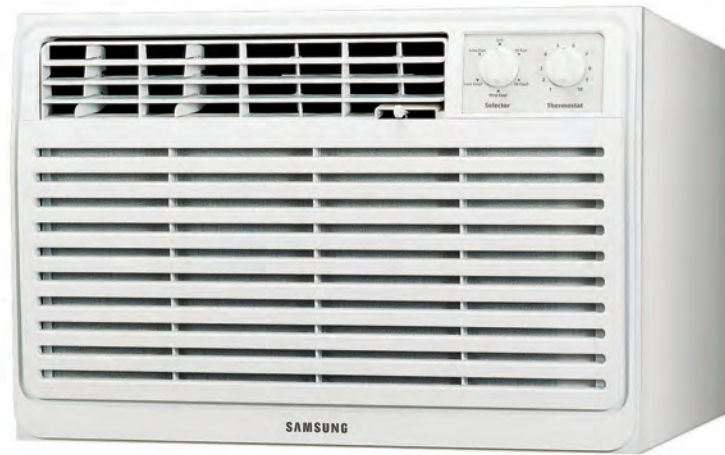


SE Asia Line up

Y Series (Mechanical)

Features & Model

- _ Full HD Filter
- _ 2 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 2 Stage Fan/3 Stage Cool Mode



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

L Series (Electronic)

Features & Model

- _ Full HD Filter
- _ good'sleep
- _ 24-hour Timer (LH) / 12-hour Timer (L2)
- _ Smart Saver
- _ Auto Swing
- _ Air Ventilation
- _ 4 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 3 Stage Fan/Cool Mode



	Power Source(V/Hz/Ø)	7K Btu	9K Btu	12K Btu
Cooling Only	220 / 60 / 1	AW07L2BXTC	AW09L2BXTC	AW12L2CXTC
		AW07LHBXTC (Remote Control)	AW09LHBXTC (Remote Control)	AW12LHCXTC (Remote Control)

L Series (Mechanical)

Features & Model

- _ Full HD Filter
- _ Auto Swing
- _ 4 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 2 Stage Fan/3 Stage Cool Mode
- _ Air Ventilation



	Power Source(V/Hz/Ø)	7K Btu	9K Btu	12K Btu
Cooling Only	220 / 60 / 1	AW07L1BXTC	AW09L1BXTC	AW12L1CXTC

F Series (Mechanical / F Grill)

Features & Model

- _ Full HD Filter
- _ Auto Swing
- _ 4 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 2 Stage Fan/3 Stage Cool Mode
- _ Air Ventilation



	Power Source(V/Hz/Ø)	7K Btu	9K Btu	12K Btu	18K Btu
Cooling Only	220 / 60 / 1	-	-	AW12F1CXTC	-

F Series (Electronic / F Grill)

Features & Model

- _ Full HD Filter
- _ good'sleep
- _ 24-hour Timer
- _ Smart Saver
- _ Auto Swing
- _ Air Ventilation
- _ 4 Way Air Direction
- _ Washable Grill
- _ Easy to Access Filter
- _ 3 Stage Fan/Cool Mode



	Power Source(V/Hz/Ø)	9K Btu	12K Btu	18K Btu
Cooling Only	220 / 60 / 1	-	AW12FHCXTC	-

India Line up

H Series (Electronic / K Grill)

Features & Model

- _ 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
- _ 24-hour Timer
- _ 3 Stage Fan/Cool Mode



	Power Source(V/Hz/Ø)	12K Btu	18K Btu
Cooling Only	230 / 50 / 1	AW122KC	AW182KC AW183KC

H Series (Electronic / Z Grill)

Features & Model

- _ 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
- _ 24-hour Timer
- _ 3 Stage Fan/Cool Mode



	Power Source(V/Hz/Ø)	18K Btu
Cooling Only	230 / 50 / 1	AW182ZC AW183ZC

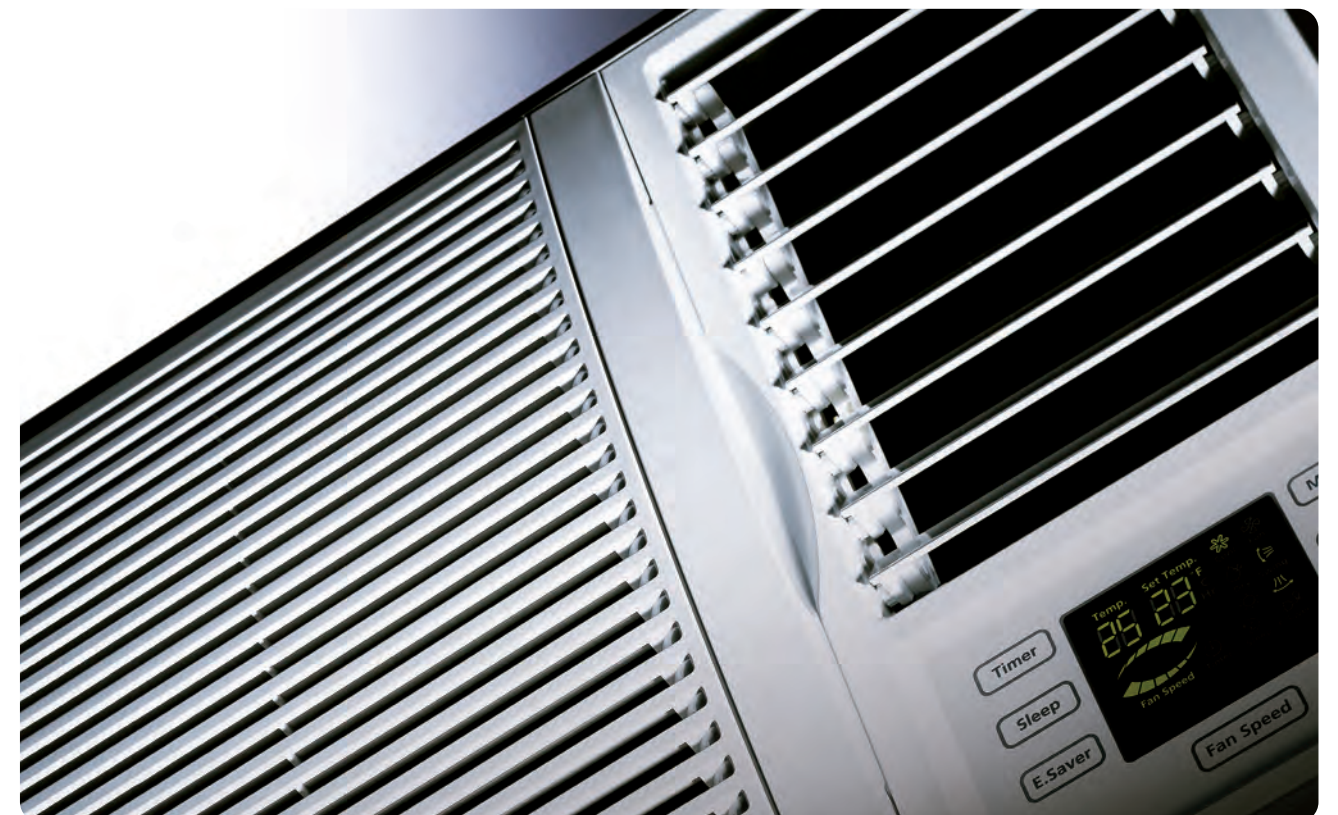
H Series (Electronic / Z Grill)

Features & Model

- _ 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
- _ 24-hour Timer
- _ 3 Stage Fan/Cool Mode



	Power Source(V/Hz/Ø)	24K Btu
Cooling Only	230 / 50 / 1	AW241ZC



Floor Standing Type



NOVA	73
QUEEN	75
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Streamlined Sophistication

Nova



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.



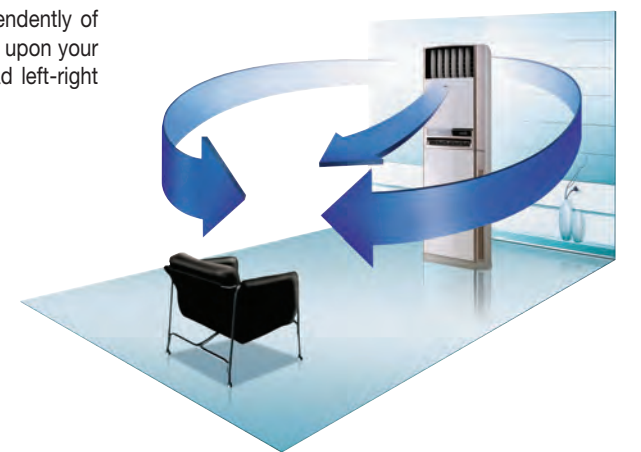
Long Distance Air Flow

Thanks to the long distance 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.



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.



Feature & Remote Control & Outdoor Unit

- _ Turbo Cooling
- _ Timer
- _ Auto Shutter
- _ Remote Controller
- _ Dehumidification
- _ Auto Mode
- _ Fan Mode
- _ Auto Restart
- _ Anti Corrosion Fin
- _ UTR



Powerful Fresh Coolness

Queen



Powerful Large Capacity

Through revolutionary technologies, Samsung air conditioner provides 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.

4-Way Auto Swing

It isn't economical to have two air conditioners to cool one large area. The air flow in 4 different ways cool every corner of your room so you'll feel comfortable even if you are far away from the air conditioner.



Turbo Cooling

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.



Auto Shutter

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.



Feature & Remote Control & Outdoor Unit

- _ Dehumidification
- _ Timer
- _ Energy Saving Mode
- _ Remote Controller
- _ LED Display
- _ Child Care Lock
- _ Anti Bacteria Coating
- _ Auto Mode
- _ Fan Mode
- _ Auto Restart
- _ Anti Corrosion Fin
- _ Remote Controller
- _ UTR



Customized Comfort

Waltz



d'light cool

People can feel comfort or discomfort even at the same temperature due to the varying level of humidity in the air. Samsung's d'light cool system automatically checks the current humidity and temperature. Then adjusts for the most pleasant environment.

Luxury Design

The glassed modern style of Samsung's new air conditioner captivates your eyes at a glance. Its different types of design offers luxury and elegant appearance to match any stylish space.



Turbo Cooling

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.



Long Distance Air Flow

Thanks to the long distance air flow, instantaneous cool air is felt by all, regardless of how far they are from the air conditioner.



Feature & Remote Control & Outdoor Unit

- _ Dehumidification
- _ good'sleep (Bio Sleep)
- _ Smart Saver(Optional)
- _ Auto Wind
- _ Auto Restart
- _ Auto Shutter
- _ LED Display
- _ Childcare Lock
- _ Filter Cleaning Indicator
- _ Anti Bacteria Coating
- _ Auto Mode
- _ Fan Mode
- _ Timer
- _ Anti Corrosion Fin
- _ UTR



Specifications



EUROPE	81
CIS	88
AMERICA	95
SOUTH-EAST ASIA	113
MIDDLE EAST	133
AFRICA	160
SOUTH-WEST ASIA	173

Europe

MODEL			Neo Forte	Neo Forte	Neo Forte	Neo Forte	
Model Code			AQ09N*DN	AQ12N*DN	AQ18N*AN	AQ24N*AN	
AC Type			HP	HP	HP	HP	
Refrigerant Type			R410A	R410A	R410A	R410A	
Performance							
Capacity	Cooling	Btu/hr.	9,384	12,000	17,404	23,205	
		(min-max)					
		cal/hr.	2,365	3,010	4,386	5,848	
		(min-max)					
		kW	2.8	3.5	5.1	6.8	
		(min-max)					
		Heating	Btu/hr.	9,896	12,968	19,793	23,888
			(min-max)				
		cal/hr.	2,494	3,268	4,988	6,020	
		(min-max)					
		kW	2.9	3.8	5.8	7	
		(min-max)					
Energy Efficiency	Cooling	EER(Btu/W)	11.0	11.0	9.6	9.6	
		EER(W/W)	3.21	3.22	2.82	2.81	
	Heating	COP(W/W)	3.61	3.62	3.22	2.81	
Moisture Removal		l /hr.	1.0	1.6	1.8	2.4	
Air Circulation (Max)		m ³ /min	8	9.61	13	17	
Noise Level	Indoor High/Low	dB	32/24	35/26	40/31	42/33	
	Outdoor High	dB	47	48	52	54	
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	855	1090	1810	2420	
	Heating	W	803	1110	1800	2490	
Operating Current	Cooling	A	4.4	5	8.3	10.8	
	Heating	A	4.1	5	8	11.2	
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	825*285*189	825*285*189	1065*298*218	1065*298*218	
	Outdoor	mm	660*470*240	720*548*265	790*548*285	790*548*285	
Net Weight	Indoor	kg	8.4	8.4	13	13	
	Outdoor	kg	26	33.8	39	41	
Shipping Weight	Indoor	kg	10.6	10.6	16	16	
	Outdoor	kg	27.5	35.6	43	45	
Technical Information							
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	
	Gas	OD	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	
Piping Length	Max	m	15	15	15	20	
Piping Height	Max	m	7	7	8	8	
Features							
Air Purification	S-Plasma ion						
	Auto Roof Shutter						
	Full HD Filter		60	60	60	60	
	DNA Filter						
	Deodorizing Filter						
	Catechin Filter						
	Allergy Care						
	Anti-bacteria Coating		•	•	•	•	
	Auto Clean						
	Wide Twin Blade						
Air Flow	Optimal Single Blade		•	•	•	•	
	Fan speed(Steps)		4	4	4	4	
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	
Operating Mode	Natural Breeze		•	•	•	•	
	d'light Cool						
	good'sleep		•	•	•	•	
	Smart Saver						
	Turbo		•	•	•	•	
	Dehumidification		•	•	•	•	
	Auto Mode		•	•	•	•	
	Fan Mode		•	•	•	•	
Convenience	Quiet						
	Filter Cleaning Indicator						
	Indoor Temp. Display		•	•	•	•	
	Remote Controller						
	Display On/Off		•	•	•	•	
	Beep On/Off		•	•	•	•	
	Real-time Timer		•	•	•	•	
	24-Hour Timer		•	•	•	•	
	Auto Restart		•	•	•	•	
	Auto Changeover		•	•	•	•	
	Outdoor Unit	Compressor Type		Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	
Low Ambient	Multi-channel Condensor						
	Cooling	°C	15-43	15-43	15-43	15-43	
Heating	°C	-5-24	-5-24	-5-24	-5-24		

CIS

MODEL			K-series (Jungfrau-F)	K-series (Jungfrau-F)	P-series (Maldives)	P-series (Maldives)	
Model Code			AQV09K*ANSER	AQV12K*ANSER	AQV09P*BNSEER	AQV12P*BNSEER	
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	
Refrigerant Type			R410A	R410A	R410A	R410A	
Performance							
Capacity	Cooling	Btu/hr.	8,530	11,942	8,530	11,942	
		(min-max)	3378-11260	3378-13648	3310-11260	3310-13648	
		cal/hr.	2,150	3,010	2,150	3,010	
		(min-max)	850-2840	850-3870	830-2840	830-3440	
		kW	2.5	3.5	2.5	3.5	
		(min-max)	0.99-3.3	0.99-4.0	0.97-3.3	0.97-4.0	
		Heating	Btu/hr.	10,918	13,648	11,260	13,648
			(min-max)	3378-20472	3378-23884	3310-16036	3310-18425
		cal/hr.	2,752	3,440	2,838	3,440	
		(min-max)	850-5160	850-6020	830-4040	830-4640	
		kW	3.2	4.0	3.3	4.0	
		(min-max)	0.99-6.0	0.99-7.0	0.97-4.7	0.97-5.4	
Energy Efficiency	Cooling	EER(Btu/W)	17.7	15.4	13.7	11.3	
		EER(W/W)	5.20	4.50	4.02	3.30	
	Heating	COP(W/W)	5.20	4.50	4.10	3.70	
Moisture Removal		l /hr.	0.8	1.3	0.9	1.4	
Air Circulation (Max)		m ³ /min	9.6	10.1	9.0	9.8	
Noise Level	Indoor High/Low	dB	39/20	41/20	36/21	38/21	
	Outdoor High	dB	45	45	45	45	
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	480	780	620	1060	
	Heating	W	620	890	800	1080	
Operating Current	Cooling	A	2.4	3.8	3	4.8	
	Heating	A	3.0	4.1	3.8	4.9	
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	880*313*237	880*313*237	820*285*205	820*285*205	
	Outdoor	mm	790*545*285	790*545*285	790*545*285	790*545*285	
Net Weight	Indoor	kg	11.5	11.5	8.8	8.8	
	Outdoor	kg	35.5	35.5	33.8	33.8	
Shipping Weight	Indoor	kg	14.1	14.1	10.8	10.8	
	Outdoor	kg	38.6	38.6	36	36	
Technical Information							
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	
	Gas	OD	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	
Piping Length	Max	m	15	15	15	15	
Piping Height	Max	m	8	8	8	8	
Features							
Air Purification	S-Plasma ion		•	•			
	Auto Roof Shutter						
	Full HD Filter		90	90	80	80	
	DNA Filter						
	Deodorizing Filter						
	Catechin Filter						
	Allergy Care		•	•			
	Anti-bacteria Coating				•	•	
	Auto Clean		•	•	•	•	
	Wide Twin Blade		•	•			
Air Flow	Optimal Single Blade				•	•	
	Fan speed(Steps)		4	4	4	4	
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	
	Air Direction (Left/Right)		Auto	Auto	Manual	Manual	
Operating Mode	Natural Breeze		•	•	•	•	
	d'light Cool		•	•			
	good'sleep		•	•	•	•	
	Smart Saver		•	•	•	•	
	Turbo		•	•	•	•	
	Dehumidification		•	•	•	•	
	Auto Mode		•	•	•	•	
	Fan Mode		•	•	•	•	
Convenience	Quiet		•	•	•	•	
	Filter Cleaning Indicator						
	Indoor Temp. Display		•	•			
	Remote Controller		•	•	•	•	
	Display On/Off		•	•			
	Beep On/Off		•	•			
	Real-time Timer		•	•			
	24-Hour Timer				•	•	
	Auto Restart		•	•	•	•	
	Auto Changeover		•	•	•	•	
	Outdoor Unit	Compressor Type		Twin BLDC	Twin BLDC	BLDC	BLDC
	Anti-corrosion Fin		•	•	•	•	
Low Ambient	Multi-channel Condensor						
	Cooling	°C	-10-46	-10-46	-10-46	-10-46	
Heating	°C	-15-24	-15-24	-15-24	-15-24		

America

MODEL			WAC	WAC	WAC	WAC
Model Code			AW08NHAGXVN	AW12PKAGXVN	AW12PKBGXVN	AW12P1AGXVN
AC Type			CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	8,000	12,000	12,000	12,000
		(min-max)				
		cal/hr.	2,016	3,024	3,024	3,024
		(min-max)				
		kW	2.34	3.52	3.52	3.52
		(min-max)				
	Heating	Btu/hr.				
		(min-max)				
		cal/hr.				
		(min-max)				
		kW				
		(min-max)				
Energy Efficiency	Cooling	EER(Btu/W)	9.8	9.8	9.8	9.8
	Heating	EER(W/W)	2.87	2.87	2.87	2.87
Moisture Removal		ℓ /hr.	0.92	1.3	1.35	1.3
Air Circulation (Max)		m ³ /min	5.5	8.4	8.16	8.4
Noise Level	Indoor High/Low	dB	57	55	55	55
	Outdoor High	dB	59	63	63	63
Electrical Data						
Power Source		V/Hz/ø	115/60/1	115/60/1	220/60/1	115/60/1
Power Consumption	Cooling	W	820	1230	1230	1230
	Heating	W				
Operating Current	Cooling	A	7.4	11.2	5.5	11.2
	Heating	A				
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	490*320*460	530*384*550	530*384*550	530*384*550
	Outdoor	mm				
Net Weight	Indoor	kg	22.3	28	28	28
	Outdoor	kg				
Shipping Weight	Indoor	kg	24.2	31.5	31.5	31.5
	Outdoor	kg				
Technical Information						
SVC Valve	Liquid	OD				
	Gas	OD				
Piping Length	Max	m				
Piping Height	Max	m				
Features						
Air Purification	S-Plasma ion					
	Auto Roof Shutter					
	Full HD Filter		60	60	60	60
	DNA Filter					
	Deodorizing Filter					
	Catechin Filter					
Air Flow	Allergy Care					
	Anti-bacteria Coating		•	•	•	•
	Auto Clean					
	Wide Twin Blade					
	Optimal Single Blade					
	Fan speed(Steps)		3	3	3	3
Operating Mode	Air Direction (Up/Down)		Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto
	Natural Breeze					
	d'light Cool		•	•	•	•
Convenience	good'sleep		•	•	•	•
	Smart Saver		•	•	•	E.Saver
	Turbo					
	Dehumidification		•	•	•	•
	Auto Mode					
	Fan Mode		•	•	•	•
	Quiet					
	Filter Cleaning Indicator					
	Indoor Temp. Display		•	•	•	•
	Remote Controller		•	•	•	•
Outdoor Unit	Display On/Off					
	Beep On/Off					
	Real-time Timer					
	24-Hour Timer		•	•	•	•
	Auto Restart			•	•	•
	Auto Changeover					
Low Ambient	Cooling	°C	21~43	21~43	21~43	21~43
	Heating	°C				

MODEL			WAC	WAC	WAC	WAC	WAC
Model Code			AW12P1BGXVN	AW18P1BGXVN	AW18PHBGXVN	AW24P1BCXVN	AW24PHBCXVN
AC Type			CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22
Performance							
Capacity	Cooling	Btu/hr.	12,000	18,000	18,000	24,000	24,000
		(min-max)					
		cal/hr.	3,024	4,536	4,536	6,048	6,048
		(min-max)					
		kW	3.52	5.28	5.28	7.03	7.03
		(min-max)					
	Heating	Btu/hr.					
		(min-max)					
		cal/hr.					
		(min-max)					
		kW					
		(min-max)					
Energy Efficiency	Cooling	EER(Btu/W)	9.8	9.7	9.7	8.5	8.5
	Heating	EER(W/W)	2.87	2.84	2.84	2.49	2.49
Moisture Removal		ℓ /hr.	1.35	2.1	2.1	2.6	2.6
Air Circulation (Max)		m ³ /min	8.16	12.9	12.9	13.4	13.4
Noise Level	Indoor High/Low	dB	55	61	61	64	64
	Outdoor High	dB	63	64	64	67	67
Electrical Data							
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	1230	1850	1850	2820	2820
	Heating	W					
Operating Current	Cooling	A	5.5	8.3	8.3	12.5	12.5
	Heating	A					
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	530*384*550	620*425*640	620*425*640	620*425*640	620*425*640
	Outdoor	mm					
Net Weight	Indoor	kg	28	49.1	49.1	52.5	52.5
	Outdoor	kg					
Shipping Weight	Indoor	kg	31.5	53.6	53.6	57.1	57.1
	Outdoor	kg					
Technical Information							
SVC Valve	Liquid	OD					
	Gas	OD					
Piping Length	Max	m					
Piping Height	Max	m					
Features							
Air Purification	S-Plasma ion						
	Auto Roof Shutter						
	Full HD Filter		60	60	60	60	
	DNA Filter						
	Deodorizing Filter						
	Catechin Filter						
Air Flow	Allergy Care						
	Anti-bacteria Coating		•	•	•	•	
	Auto Clean						
	Wide Twin Blade						
	Optimal Single Blade						
	Fan speed(Steps)		3	3	3	3	
Operating Mode	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	
	Natural Breeze						
	d'light Cool						
Convenience	good'sleep		•	•	•	•	
	Smart Saver		•	•	•	E.Saver	
	Turbo						
	Dehumidification		•	•	•	•	
	Auto Mode						
	Fan Mode		•	•	•	•	
	Quiet						
	Filter Cleaning Indicator						
	Indoor Temp. Display		•	•	•	•	
	Remote Controller		•	•	•	•	
Outdoor Unit	Display On/Off						
	Beep On/Off						
	Real-time Timer						
	24-Hour Timer		•	•	•	•	
	Auto Restart			•	•	•	
	Auto Changeover						
Low Ambient	Cooling	°C	21~43	21~43	21~43	21~43	
	Heating	°C					

South-East Asia

MODEL			Crystal	Crystal	Crystal	Crystal
Model Code			ASV10E*QNXST	ASV13E*QNXST	ASV18E*QNXST	ASV24E*QNXST
AC Type			INV. CO	INV. CO	INV. CO	INV. CO
Refrigerant Type			R410A	R410A	R410A	R410A
Performance						
Capacity	Cooling	Btu/hr.	8,500	10,900	17,100	20,500
		(min-max)	2,900-10,918	3,310-13,648	4,094-21,154	5,800-28,100
		cal/hr.	2,141	2,787	4,277	5,159
		(min-max)	731-2,752	834-3,439	1,032-5,331	1,461-7,094
		kW	2.5	3.2	5.0	6.0
		(min-max)	0.85-3.2	0.97-4.0	1.2-6.2	1.7-8.25
	Heating	Btu/hr.				
		(min-max)				
		cal/hr.				
		(min-max)				
		kW				
		(min-max)				
Energy Efficiency	Cooling	EER(Btu/W)	13.3	11.5	12.3	11.5
		EER(W/W)	3.91	3.37	3.60	3.37
	Heating	COP(W/W)				
Moisture Removal		l /hr.	1.0	1.4	2.5	3.0
Air Circulation (Max)		m ³ /min	8.0	9.0	13.0	15.0
Noise Level	Indoor High/Low	dB	36/22	38/23	45/32	45/32
	Outdoor High	dB	47	47	55	57
Electrical Data						
Power Source		V/Hz/ø	220/50/1	220/50/1	220/50/1	220/50/1
Power Consumption	Cooling	W	640	950	1390	1780
	Heating	W				
Operating Current	Cooling	A	3.4	4.5	6.9	8.5
	Heating	A				
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	820*285*190	820*285*190	1065*298*222	1065*298*222
	Outdoor	mm	720*548*265	720*548*265	790*548*285	880*310*638
Net Weight	Indoor	kg	7.9	7.9	13	13
	Outdoor	kg	26.7	26.7	32.8	45.2
Shipping Weight	Indoor	kg	9.5	9.5	16	16
	Outdoor	kg	29.4	29.4	36.3	48.9
Technical Information						
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	15	30	30
Piping Height	Max	m	7	7	15	15
Features						
Air Purification	S-Plasma Ion		•	•	•	•
	Auto Roof Shutter					
	Full HD Filter		80	80	80	80
	DNA Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
	Catechin Filter					
	Allergy Care					
	Anti-bacteria Coating		•	•	•	•
	Auto Clean		•	•	•	•
	Wide Twin Blade					
Air Flow	Optimal Single Blade		•	•	•	•
	Fan speed(Steps)		4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual
Operating Mode	Natural Breeze		•	•	•	•
	d'light Cool					
	good'sleep		•	•	•	•
	Smart Saver		•	•	•	•
	Turbo		•	•	•	•
	Dehumidification		•	•	•	•
	Auto Mode		•	•	•	•
	Fan Mode		•	•	•	•
Convenience	Quiet		•	•	•	•
	Filter Cleaning Indicator					
	Indoor Temp. Display		•	•	•	•
	Remote Controller		•	•	•	•
	Display On/Off		•	•	•	•
	Beep On/Off		•	•	•	•
	Real-time Timer					
	24-Hour Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover					
Outdoor Unit	Compressor Type		BLDC	BLDC	Twin BLDC	Twin BLDC
	Anti-corrosion Fin		•	•	•	•
Low Ambient	Multi-channel Condensator		•	•	•	•
	Cooling	°C	16-46	16-46	16-46	16-46
	Heating	°C				

MODEL			Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	
Model Code			ASV09ESQNXSS	ASV12ESQNXSS	ASV18ESQNXSS	ASV24ESQNXSS	ASV10ESQNXEA	ASV13ESQNXEA	ASV18ESQNXEA	ASV24ESQNXEA
AC Type			INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance										
Capacity	Cooling	Btu/hr.	8,530	11,021	17,743	20,473	9,724	12,829	18,084	22,178
		(min-max)	2,729-10,918	3,309-13,648	4,435-21,837	5,459-27,297	2,730-10,918	3,378-13,648	4,435-21,837	4,777-28,149
		cal/hr.	2,150	2,777	4,471	5,159	2,451	3,233	4,557	5,589
		(min-max)	688-2,752	834-3,439	1,117-5,503	1,375-6,678	688-2,752	851-3,439	1,117-5,503	1,204-7,094
		kW	2.5	3.2	5.2	6.0	2.85	3.8	5.3	6.5
		(min-max)	0.8-3.2	0.97-4.0	1.3-6.4	1.6-8.0	0.8-3.2	0.99-4.0	1.3-6.4	1.4-8.25
	Heating	Btu/hr.								
		(min-max)								
		cal/hr.								
		(min-max)								
		kW								
		(min-max)								
Energy Efficiency	Cooling	EER(Btu/W)	13.4	12.5	12.4	12.6	13.7	12.7	12.9	12.0
		EER(W/W)	3.94	3.67	3.64	3.68	4.01	3.72	3.79	3.53
	Heating	COP(W/W)								
Moisture Removal		l /hr.	1.0	1.4	2.5	3.0	1.0	1.4	2.5	3.0
Air Circulation (Max)		m ³ /min	8.0	9.0	13.0	15.0	8.0	9.0	13.0	15.0
Noise Level	Indoor High/Low	dB	36/22	38/23	45/32	45/32	36/22	38/23	45/32	45/32
	Outdoor High	dB	47	47	55	57	47	47	55	57
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	635	880	1430	1630	710	1010	1400	1840
	Heating	W								
Operating Current	Cooling	A	3.0	4	6.7	7.6	3.4	4.8	7.2	8.5
	Heating	A								
Dimension & Loading Q'ty										
Net Dimension (WxHxD)	Indoor	mm	820*285*190	820*285*190	1065*298*222	1065*298*222	820*285*190	820*285*190	1065*298*222	1065*298*222
	Outdoor	mm	720*548*265	720*548*265	790*548*285	880*798*310	720*548*265	720*548*265	880*638*310	880*638*310
Net Weight	Indoor	kg	7.5	7.9	13	13	7.9	7.9	13	13
	Outdoor	kg	31	33.8	46	59.2	31	31	46	52
Shipping Weight	Indoor	kg	9.1	9.5	16	16	9.1	9.5	16	16
	Outdoor	kg	34	37	49.5	64.8	34	34	49.5	55.6
Technical Information										
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	15	30	30	15	15	30	30
Piping Height	Max	m	7	7	15	15	7	7	15	15
Features										
Air Purification	S-Plasma Ion		•	•	•	•	•	•	•	•
	Auto Roof Shutter									
	Full HD Filter		80	80	80	80	80	80	80	80
	DNA Filter		•	•	•	•	•	•	•	•
	Deodorizing Filter		•	•	•	•	•	•	•	•
	Catechin Filter									
	Allergy Care									
	Anti-bacteria Coating		•	•	•	•	•	•	•	•
	Auto Clean		•	•	•	•	•	•	•	•
	Wide Twin Blade									
Air Flow	Optimal Single Blade		•	•	•	•	•	•	•	•
	Fan speed(Steps)		4	4	4	4	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Operating Mode	Natural Breeze		•	•	•	•	•	•	•	•
	d'light Cool									
	good'sleep		•	•	•	•	•	•	•	•
	Smart Saver		•	•	•	•	•	•	•	•
	Turbo		•	•	•	•	•	•	•	•
	Dehumidification		•	•	•	•	•	•	•	•
	Auto Mode		•	•	•	•	•	•	•	•
	Fan Mode		•	•	•	•	•	•	•	•
Convenience	Quiet		•	•	•	•	•	•	•	•
	Filter Cleaning Indicator									
	Indoor Temp. Display		•	•	•	•	•	•	•	•
	Remote Controller		•	•	•	•	•	•	•	•
	Display On/Off		•	•	•	•	•	•	•	•
	Beep On/Off		•	•	•	•	•	•	•	•
	Real-time Timer									
	24-Hour Timer		•	•	•	•	•	•	•	•
	Auto Restart		•	•	•	•	•	•	•	•
	Auto Changeover									
Outdoor Unit	Compressor Type		BLDC	BLDC	Twin BLDC	Twin BLDC	BLDC	BLDC	Twin BLDC	Twin BLDC
	Anti-corrosion Fin		•	•	•	•	•	•	•	•
Low Ambient	Multi-channel Condensator		•	•	•	•	•	•	•	•
	Cooling	°C	16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46
	Heating	°C								

South-East Asia

MODEL			Max	Max	Max	Max
Model Code			AQV18U*BNXSA	AQV24U*BNXSA	AQV30U*BNXSA	AQV09U*BNXSA
AC Type			INV. HP	INV. HP	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A
Performance						
Capacity	Cooling	Btu/hr.	17,061	24,567	27,297	8,530
		(min-max)	5459-20473	7507-27297	6824-31733	3378-10919
		cal/hr.	4,299	6,191	6,879	2,150
		(min-max)	1376-5159	1892-6879	1720-7997	851-2752
		kW	5.0	7.2	8.0	2.5
		(min-max)	1.6-6.0	2.2-8.0	2.0-9.3	0.99-3.2
	Heating	Btu/hr.	20,473	28,321	30,709	10,919
		(min-max)	4095-27297	6483-34121	7507-40946	3378-17743
		cal/hr.	5,159	7,137	7,739	2,752
		(min-max)	1032-6879	1634-8598	1892-10318	851-4471
		kW	6.0	8.3	9.0	3.2
		(min-max)	1.2-8.0	1.9-10.0	2.2-12.0	0.99-5.2
Energy Efficiency	Cooling	EER(Btu/W)	12.2	10.7	10.5	14.7
		EER(W/W)	3.57	3.13	3.08	4.31
	Heating	COP(W/W)	3.61	3.29	3.31	4.57
Moisture Removal		ℓ /hr.	2.5	3.0	4.5	1.0
Air Circulation (Max)		m ³ /min	13.0	15.0	23.0	11.5
Noise Level	Indoor High/Low	dB	40/30	41/30	45/32	35/23
	Outdoor High	dB	53	55	57	45
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	1400	2300	2600	580
	Heating	W	1660	2520	2720	700
Operating Current	Cooling	A	6.4	10.4	11.5	2.8
	Heating	A	7.7	11.4	12.0	3.4
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	1065*298*222	1279*345*229	890*285*190
	Outdoor	mm	880*638*310	880*638*310	880*798*310	790*548*285
Net Weight	Indoor	kg	13	13	20	9.2
	Outdoor	kg	46	59.2	59.2	36
Shipping Weight	Indoor	kg	16	16	23	11.4
	Outdoor	kg	49.5	64.8	64.8	40
Technical Information						
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm
Piping Length	Max	m	30	30	30	15
Piping Height	Max	m	15	15	15	8
Features						
Air Purification	S-Plasma Ion					
	Auto Roof Shutter					
	Full HD Filter		60	60	60	60
	DNA Filter					
	Deodorizing Filter					
	Catechin Filter					
	Allergy Care					
	Anti-bacteria Coating		•	•	•	•
	Auto Clean		•	•	•	•
Air Flow	Wide Twin Blade					
	Optimal Single Blade		•	•	•	•
	Fan speed(Steps)		4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual
Operating Mode	Natural Breeze		•	•	•	•
	d'light Cool					
	good'sleep		•	•	•	•
	Smart Saver		•	•	•	•
	Turbo		•	•	•	•
	Dehumidification		•	•	•	•
	Auto Mode		•	•	•	•
	Fan Mode		•	•	•	•
	Quiet		•	•	•	•
Convenience	Filter Cleaning Indicator					
	Indoor Temp. Display					
	Remote Controller		•	•	•	•
	Display On/Off					
	Beep On/Off					
	Real-time Timer					
	24-Hour Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
Outdoor Unit	Compressor Type		Twin BLDC	Twin BLDC	Twin BLDC	BLDC
	Anti-corrosion Fin		•	•	•	•
Low Ambient	Multi-channel Condensor					
	Cooling	°C	-10-43	-10-43	-10-43	-10-43
	Heating	°C	-15-24	-15-24	-15-24	-15-24

MODEL			Max	Max	Max	Max	Crystal	Crystal	Crystal	Crystal
Model Code			AQV12U*BNXSA	AQV18U*BNXSA	AQV24U*BNXSA	AQV30U*BNXSA	AS10E*PNXST	AS13E*PNXST	AS18E*PNXST	AS24E*PNXST
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	CO	CO	CO	CO
Refrigerant Type			R410A	R410A	R410A	R410A	R22	R22	R22	R22
Performance										
Capacity	Cooling	Btu/hr.	11,942	17,061	24,567	27,297	9,231	12,199	18,706	21,769
		(min-max)	3378-13649	5459-20473	7507-27297	6824-31733				
		cal/hr.	3,009	4,299	6,191	6,879	2,326	3,074	4,714	5,486
		(min-max)	851-3439	1376-5159	1892-6879	1720-7997				
		kW	3.5	5.0	7.2	8.0	2.7	3.6	5.5	6.4
		(min-max)	0.99-4.0	1.6-6.0	2.2-8.0	2.0-9.3				
	Heating	Btu/hr.	13,649	20,473	28,321	30,709				
		(min-max)	3378-20473	4095-27297	6483-34121	7507-40946				
		cal/hr.	3,439	5,159	7,137	7,739				
		(min-max)	851-5159	1032-6879	1634-8598	1892-10318				
		kW	4.0	6.0	8.3	9.0				
		(min-max)	0.99-6.0	1.2-8.0	1.9-10.0	2.2-12.0				
Energy Efficiency	Cooling	EER(Btu/W)	13.0	12.2	10.7	10.5	11.7	11.4	11.8	11.2
		EER(W/W)	3.80	3.57	3.13	3.08	3.42	3.34	3.45	3.27
	Heating	COP(W/W)	4.04	3.61	3.29	3.31				
Moisture Removal		ℓ /hr.	1.4	2.5	3.0	4.5	1.0	1.5	2.0	2.5
Air Circulation (Max)		m ³ /min	12.0	13.0	15.0	23.0	8.0	11.0	14.0	17.0
Noise Level	Indoor High/Low	dB	36/23	40/30	41/30	45/32	36/26	36/26	40/32	42/33
	Outdoor High	dB	47	53	55	57	50	50	52	54
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	920	1400	2300	2600	791	1072	1591	1948
	Heating	W	990	1660	2520	2720				
Operating Current	Cooling	A	4.2	6.4	10.4	11.5	3.9	5.2	7.5	9
	Heating	A	4.6	7.7	11.4	12.0				
Dimension & Loading Q'ty										
Net Dimension (WxHxD)	Indoor	mm	890*285*190	1065*298*222	1065*298*222	1279*345*229	820*286*190	890*286*190	1065*298*222	1065*298*222
	Outdoor	mm	790*548*285	880*638*310	880*798*310	880*798*310	660*470*240	660*470*240	880*638*310	880*638*310
Net Weight	Indoor	kg	9.2	13	13	20	8.4	8.7	13	13
	Outdoor	kg	36	46	59.2	59.2	26	26	56	56
Shipping Weight	Indoor	kg	11.4	16	16	23	10.4	11	16	16
	Outdoor	kg	40	49.5	64.8	64.8	30	30	58	58
Technical Information										
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø12.7mm	ø15.88mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	30	30	30	15	15	15	20
Piping Height	Max	m	8	15	15	15	7	7	8	8
Features										
Air Purification	S-Plasma Ion									
	Auto Roof Shutter									
	Full HD Filter		60	60	60	60	80	80	80	80
	DNA Filter						•	•	•	•
	Deodorizing Filter						•	•	•	•
	Catechin Filter									
	Allergy Care									
	Anti-bacteria Coating		•	•	•	•	•	•	•	•
	Auto Clean		•	•	•	•	•	•	•	•
Air Flow	Wide Twin Blade									
	Optimal Single Blade		•	•	•	•	•	•	•	•
	Fan speed(Steps)		4	4	4	4	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Operating Mode	Natural Breeze		•	•	•	•	•	•	•	•
	d'light Cool									
	good'sleep		•	•	•	•	•	•	•	•
	Smart Saver		•	•	•	•	•	•	•	•
	Turbo		•	•	•	•	•	•	•	•
	Dehumidification		•	•	•	•	•	•	•	•
	Auto Mode		•	•	•	•	•	•	•	•
	Fan Mode		•	•	•	•	•	•	•	•
	Quiet		•	•	•	•	•	•	•	•
Convenience	Filter Cleaning Indicator									
	Indoor Temp. Display									
	Remote Controller		•	•	•	•	•	•	•	•
	Display On/Off									
	Beep On/Off									
	Real-time Timer									
	24-Hour Timer		•	•	•	•	•	•	•	•
	Auto Restart		•	•	•	•	•	•	•	•
	Auto Changeover		•	•	•	•	•	•	•	•
Outdoor Unit	Compressor Type		BLDC	Twin BLDC	Twin BLDC	Twin BLDC	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•
Low Ambient	Multi-channel Condensor									
	Cooling	°C	-10-43	-10-43	-10-43	-10-43	15-43	15-43	15-43	15-43
	Heating	°C	-15-24	-15-24	-15-24	-15-24				

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MODEL			Vivace	Vivace	Vivace	Vivace
Model Code			AQ18V*CSAM	AQ24V*CSAM	AQ13V*EHAC	AQ13V*CHAC
AC Type			HP	HP	HP	HP
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	18,000	24,000	12,000	12,000
		(min-max)				
		cal/hr.	4,385	5,847	3,024	3,024
		(min-max)				
		kW	5.1	6.8	3.5	3.5
		(min-max)				
	Heating	Btu/hr.	20,000	24,000	13,000	13,000
		(min-max)				
		cal/hr.	4,815	6,019	3,267	3,267
		(min-max)				
		kW	5.6	7	3.8	3.8
		(min-max)				
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.2	9.5	9.5
		EER(W/W)	2.68	2.62	2.78	2.78
	Heating	COP(W/W)	2.95	2.64	3.23	3.23
Moisture Removal		ℓ /hr.	1.9	2.6	1.5	1.5
Air Circulation (Max)		m ³ /min	15.0	17.0	9.3	9.3
Noise Level	Indoor High/Low	dB	40/32	42/35	36/26	36/26
	Outdoor High	dB	52	55	50	50
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	1900	2600	1260	1260
	Heating	W	1900	2650	1180	1180
Operating Current	Cooling	A	9.0	12.5	5.8	5.8
	Heating	A	9.0	12.5	5.3	5.3
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	1065*298*214	1065*298*214	825*285*189	825*285*189
	Outdoor	mm	790*548*285	790*548*285	660*500*242	660*470*240
Net Weight	Indoor	kg	13	13	9	9
	Outdoor	kg	39	41	28	28
Shipping Weight	Indoor	kg	16	16	11	11
	Outdoor	kg	43	45	30	30
Technical Information						
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	20	15	15
Piping Height	Max	m	8	8	7	7
Features						
Air Purification	S-Plasma Ion		•	•	•	•
	Auto Roof Shutter					
	Full HD Filter		60	60	60	60
	DNA Filter					
	Deodorizing Filter		•	•	•	•
	Catechin Filter		•	•	•	•
	Allergy Care					
	Anti-bacteria Coating		•	•	•	•
	Auto Clean		•	•	•	•
Air Flow	Wide Twin Blade		•	•	•	•
	Optimal Single Blade		•	•	•	•
	Fan speed(Steps)		4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto
Air Direction (Left/Right)		Manual	Manual	Manual	Manual	
Natural Breeze		•	•	•	•	
Operating Mode	d'light Cool		•	•	•	•
	good'sleep		•	•	•	•
	Smart Saver		•	•	•	•
	Turbo		•	•	•	•
	Dehumidification		•	•	•	•
	Auto Mode		•	•	•	•
	Fan Mode		•	•	•	•
	Quiet		•	•	•	•
Convenience	Filter Cleaning Indicator		•	•	•	•
	Indoor Temp. Display		•	•	•	•
	Remote Controller		•	•	•	•
	Display On/Off		•	•	•	•
	Beep On/Off					
	Real-time Timer					
	24-Hour Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
Outdoor Unit	Compressor Type		UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•
Low Ambient	Multi-channel Condensor					
	Cooling	°C	15-43	15-43	15-43	15-43
	Heating	°C	-5-24	-5-24	-5-24	-5-24

MODEL			Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace
Model Code			AS13V*EHAC	AS13V*CHAC	AQ19V*EHAC	AQ19V*CHAC	AS19V*EHAC	AS19V*CHAC	AQ25V*EHAC
AC Type			CO	CO	HP	HP	CO	CO	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22
Performance									
Capacity	Cooling	Btu/hr.	12,000	12,000	18,000	18,000	18,000	18,000	24,000
		(min-max)							
		cal/hr.	3,024	3,024	4,385	4,385	4,385	4,385	5,847
		(min-max)							
		kW	3.5	3.5	5.1	5.1	5.1	5.1	6.8
		(min-max)							
	Heating	Btu/hr.			20,000	20,000			24,000
		(min-max)							
		cal/hr.			4,815	4,815			6,019
		(min-max)							
		kW			5.6	5.6			7
		(min-max)							
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.5	9.5	9.5	9.5	9.5	9.2
		EER(W/W)	2.78	2.78	2.68	2.68	2.55	2.55	2.62
	Heating	COP(W/W)			2.95	2.95			2.69
Moisture Removal		ℓ /hr.	1.5	1.5	1.9	1.9	1.9	1.9	2.6
Air Circulation (Max)		m ³ /min	9.3	9.3	15.0	15.0	15.0	15.0	17.0
Noise Level	Indoor High/Low	dB	36/26	36/26	40/32	40/32	40/32	40/32	42/35
	Outdoor High	dB	50	50	52	52	52	52	55
Electrical Data									
Power Source		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	1260	1260	1900	1900	2000	2000	2600
	Heating	W			1900	1900			2600
Operating Current	Cooling	A	5.8	5.8	9.0	9.0	9.0	9.0	12.5
	Heating	A			9.0	9.0			12.5
Dimension & Loading Q'ty									
Net Dimension (WxHxD)	Indoor	mm	825*285*189	825*285*189	1065*298*214	1065*298*214	1065*298*214	1065*298*214	1065*298*214
	Outdoor	mm	660*470*240	660*470*240	790*548*285	790*548*285	790*548*285	790*548*285	790*548*285
Net Weight	Indoor	kg	9	9	13	13	13	13	13
	Outdoor	kg	28	28	39	39	39	39	41
Shipping Weight	Indoor	kg	11	11	16	16	16	16	16
	Outdoor	kg	30	30	43	43	43	43	45
Technical Information									
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	15	15	15	15	15	20
Piping Height	Max	m	7	7	8	8	8	8	8
Features									
Air Purification	S-Plasma Ion		•	•	•	•	•	•	•
	Auto Roof Shutter								
	Full HD Filter		60	60	60	60	60	60	60
	DNA Filter								
	Deodorizing Filter		•	•	•	•	•	•	•
	Catechin Filter		•	•	•	•	•	•	•
	Allergy Care								
	Anti-bacteria Coating		•	•	•	•	•	•	•
	Auto Clean		•	•	•	•	•	•	•
Air Flow	Wide Twin Blade		•	•	•	•	•	•	•
	Optimal Single Blade		•	•	•	•	•	•	•
	Fan speed(Steps)		4	4	4	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto
Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	
Natural Breeze		•	•	•	•	•	•	•	
Operating Mode	d'light Cool		•	•	•	•	•	•	•
	good'sleep		•	•	•	•	•	•	•
	Smart Saver		•	•	•	•	•	•	•
	Turbo		•	•	•	•	•	•	•
	Dehumidification		•	•	•	•	•	•	•
	Auto Mode		•	•	•	•	•	•	•
	Fan Mode		•	•	•	•	•	•	•
	Quiet		•	•	•	•	•	•	•
Convenience	Filter Cleaning Indicator		•	•	•	•	•	•	•
	Indoor Temp. Display		•	•	•	•	•	•	•
	Remote Controller		•	•	•	•	•	•	•
	Display On/Off		•	•	•	•	•	•	•
	Beep On/Off								
	Real-time Timer								
	24-Hour Timer		•	•	•	•	•	•	•
	Auto Restart		•	•	•	•	•	•	•
	Auto Changeover		•	•	•	•	•	•	•
Outdoor Unit	Compressor Type		UTR	UTR	UTR	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•
Low Ambient	Multi-channel Condensor								
	Cooling	°C	15-43	15-43	15-43	15-43	15-43	15-43	15-43
	Heating	°C	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24	-5-24

Middle East

MODEL			WAC	WAC	WAC	WAC
Model Code			AWT18U1DUMG	AWT18W1DUMG	AWT18WHDUMG	AHT24W1BUMG
AC Type			CO	CO	CO	HT
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	18,000	18,000	18,000	24,000
		(min-max)				
		cal/hr.	4,536	4,536	4,536	6,048
		(min-max)				
		kW	5.275	5.275	5.275	7.034
		(min-max)				
	Heating	Btu/hr.				11,089
		(min-max)				
		cal/hr.				2,794
		(min-max)				
		kW				3.25
		(min-max)				
Energy Efficiency	Cooling	EER(Btu/W)	8.8	8.8	8.8	8.6
		EER(W/W)				
	Heating	COP(W/W)				
Moisture Removal		ℓ /hr.	2.2	2.2	2.2	2.7
Air Circulation (Max)		m ³ /min	11.8	11.8	11.8	13.0
Noise Level	Indoor High/Low	dB	58	58	58	60
	Outdoor High	dB	63	63	63	66
Electrical Data						
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	2050	2050	2050	2550
	Heating	W				3600
Operating Current	Cooling	A	9.5	9.5	9.5	11.8
	Heating	A				14.0
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	660*425*730	660*425*730	660*425*730	660*425*730
	Outdoor	mm				
Net Weight	Indoor	kg	51.6	51.6	51.6	55.8
	Outdoor	kg				
Shipping Weight	Indoor	kg	56.4	56.8	56.8	61.3
	Outdoor	kg				
Technical Information						
SVC Valve	Liquid	OD				
	Gas	OD				
Piping Length	Max	m				
Piping Height	Max	m				
Features						
Air Purification	S-Plasma Ion					
	Auto Roof Shutter					
	Full HD Filter		60	60	60	60
	DNA Filter					
	Deodorizing Filter					
	Catechin Filter					
	Allergy Care					
	Anti-bacteria Coating		•	•	•	•
	Auto Clean					
Air Flow	Wide Twin Blade					
	Optimal Single Blade					
	Fan speed(Steps)		3	3	3	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto
	Natural Breeze					
Operating Mode	d'light Cool					
	good'sleep				•	•
	Smart Saver				•	•
	Turbo					
	Dehumidification				•	•
	Auto Mode					
	Fan Mode		•	•	•	•
	Quiet					
Convenience	Filter Cleaning Indicator					
	Indoor Temp. Display				•	•
	Remote Controller				•	•
	Display On/Off					
	Beep On/Off					
	Real-time Timer					
	24-Hour Timer				•	•
	Auto Restart				•	•
	Auto Changeover					
Outdoor Unit	Compressor Type		UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•
	Multi-channel Condenser					
Low Ambient	Cooling	°C	21-43	21-43	21-43	21-43
	Heating	°C				

MODEL			WAC	WAC	WAC	WAC	WAC	WAC	WAC	
Model Code			AWT24W1DUMG	AWT24WHBUMG	AHT18W1CMID	AWT18W1CMID	AHT24W1CMID	AWT24W1CMID	AW09PKEAFR	AW12PKCAFR
AC Type			CO	CO	HT	CO	HT	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22
Performance										
Capacity	Cooling	Btu/hr.	24,000	24,000	18,000	18,000	24,000	24,000	8,500	12,000
		(min-max)								
		cal/hr.	6,048	6,048	4,536	4,536	6,048	6,048	2,142	3,024
		(min-max)								
		kW	7.034	7.034	5.275	5.275	7.034	7.034	2.491	3.517
		(min-max)								
	Heating	Btu/hr.			11,089		11,089			
		(min-max)								
		cal/hr.			2,794		2,794			
		(min-max)								
		kW			3.25		3.25			
		(min-max)								
Energy Efficiency	Cooling	EER(Btu/W)	8.6	8.6	8.8	8.8	7.8	7.8	8.6	9.0
		EER(W/W)								
	Heating	COP(W/W)								
Moisture Removal		ℓ /hr.	2.7	2.7	2.1	2.1	2.5	2.5	0.9	
Air Circulation (Max)		m ³ /min	13.0	13.0	11.5	11.5	12.7	12.7	5.9	
Noise Level	Indoor High/Low	dB	60	60	58	58	60	60	52	55
	Outdoor High	dB	66	66	63	63	66	66	56	63
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	220-240/50/1
Power Consumption	Cooling	W	2550	2550	2050	2050	2700	2700	990	1330
	Heating	W			3600		3600			
Operating Current	Cooling	A	11.8	11.8	9.5	9.5	12.3	12.3	4.3	5.8
	Heating	A			14.0		14.0			
Dimension & Loading Q'ty										
Net Dimension (WxHxD)	Indoor	mm	660*425*730	660*425*730	660*425*730	660*425*730	660*425*730	660*425*730	500*355*458	530*384*550
	Outdoor	mm								
Net Weight	Indoor	kg	55.8	55.8	50.9	50.9	58.3	58.3	27.3	27.5
	Outdoor	kg								
Shipping Weight	Indoor	kg	61.3	61.3	56.4	56.4	63.8	63.8	29.3	30.5
	Outdoor	kg								
Technical Information										
SVC Valve	Liquid	OD								
	Gas	OD								
Piping Length	Max	m								
Piping Height	Max	m								
Features										
Air Purification	S-Plasma Ion									
	Auto Roof Shutter									
	Full HD Filter		60	60	60	60	60	60	60	60
	DNA Filter									
	Deodorizing Filter									
	Catechin Filter									
	Allergy Care									
	Anti-bacteria Coating		•	•	•	•	•	•	•	•
	Auto Clean									
Air Flow	Wide Twin Blade									
	Optimal Single Blade									
	Fan speed(Steps)		3	3	3	3	3	3	3	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Natural Breeze									
Operating Mode	d'light Cool									
	good'sleep								•	•
	Smart Saver							•	•	
	Turbo									
	Dehumidification								•	•
	Auto Mode									
	Fan Mode		•	•	•	•	•	•	•	•
	Quiet									
Convenience	Filter Cleaning Indicator									
	Indoor Temp. Display								•	•
	Remote Controller							•	•	
	Display On/Off									
	Beep On/Off									
	Real-time Timer									
	24-Hour Timer								•	•
	Auto Restart								•	•
	Auto Changeover									
Outdoor Unit	Compressor Type		UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•
	Multi-channel Condenser									
Low Ambient	Cooling	°C	21-43	21-43	21-43	21-43	21-43	21-43	21-43	21-43
	Heating	°C								

Middle East

MODEL			Queen	Queen	
Model Code			AP55Q2CNUMG	AP55Q2DNUMG	
AC Type			HP	HP	
Refrigerant Type			R22	R22	
Performance					
Capacity	Cooling	Btu/hr.	52,000	52,000	
		(min-max)			
		cal/hr.	12,601	12,601	
		(min-max)			
		kW	15.2	15.2	
		(min-max)			
		Heating	Btu/hr.	45,000	45,000
			(min-max)		
		cal/hr.	11,340	11,340	
		(min-max)			
		kW	13.2	13.2	
		(min-max)			
Energy Efficiency	Cooling	EER(Btu/W)	9.63	9.63	
	Heating	EER(W/W)	2.81	2.81	
Moisture Removal		ℓ /hr.			
	Air Circulation (Max)	m ³ /min	41.0	41.0	
Noise Level	Indoor High/Low	dB	59	59	
	Outdoor High	dB	67	67	
Electrical Data					
Power Source		V/Hz/ø	220/60/3N	220/60/3N	
Power Consumption	Cooling	W	5400	5400	
	Heating	W	6400	6400	
Operating Current	Cooling	A	9.5	9.5	
	Heating	A	11.0	11.0	
Dimension & Loading Q'ty					
Net Dimension (WxHxD)	Indoor	mm	650*1850*395	650*1850*395	
	Outdoor	mm	932*1128*375	932*1128*375	
Net Weight	Indoor	kg	62	62	
	Outdoor	kg	105	105	
Shipping Weight	Indoor	kg	70	70	
	Outdoor	kg	115	115	
Technical Information					
SVC Valve	Liquid	OD	ø9.52mm	ø9.52mm	
	Gas	OD	ø19.05mm	ø19.05mm	
Piping Length	Max	m	50	50	
Piping Height	Max	m	30	30	
Features					
Air Purification	S-Plasma ion				
	Auto Roof Shutter		•	•	
	Full HD Filter				
	DNA Filter				
	Deodorizing Filter				
	Catechin Filter				
	Allergy Care				
	Anti-bacteria Coating		•	•	
	Auto Clean				
	Air Flow	Wide Twin Blade			
Operating Mode	Optimal Single Blade				
	Fan speed(Steps)	3	3		
	Air Direction (Up/Down)	Auto	Auto		
	Air Direction (Left/Right)	Auto	Auto		
Convenience	Natural Breeze				
	d'light Cool				
	good'sleep				
	Smart Saver		•	•	
	Turbo		•	•	
	Dehumidification		•	•	
	Auto Mode		•	•	
	Fan Mode		•	•	
	Quiet				
	Filter Cleaning Indicator				
Outdoor Unit	Indoor Temp. Display		•	•	
	Remote Controller		•	•	
	Display On/Off				
	Beep On/Off				
	Real-time Timer				
	24-Hour Timer	8-Hour Timer	8-Hour Timer		
	Auto Restart		•	•	
	Auto Changeover		•	•	
	Compressor Type	Rotary (UTR)	Rotary (UTR)		
	Anti-corrosion Fin				
Low Ambient	Multi-channel Condensor				
	Cooling	°C			
	Heating	°C			

Africa

MODEL			P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	
Model Code			AQV09P*LNXF	AQV12P*LNXF	AQV18P*LNXF	AQV24P*LNXF	
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	
Refrigerant Type			R410A	R410A	R410A	R410A	
Performance							
Capacity	Cooling	Btu/hr.	8,500	11,260	17,000	23,200	
		(min-max)	2,600-11,000	2,600-13,000	5,500-20,500	5,100-27,300	
		cal/hr.	2,150	2,838	4,300	5,848	
		(min-max)	645-2,752	645-3,268	1,032-5,331	1,290-6,880	
		kW	2.5	3.3	5.0	6.8	
		(min-max)	0.75-3.2	0.75-3.8	1.6-6.0	1.5-8.0	
		Heating	Btu/hr.	11,300	13,600	20,500	22,200
			(min-max)	3,200-14,000	3,200-16,400	4,100-25,600	4,400-29,700
		cal/hr.	2,838	2,838	4,558	5,590	
		(min-max)	817-3,526	817-4,128	1,032-6,450	1,118-7,482	
		kW	3.3	4.0	6.0	7.8	
		(min-max)	0.95-4.1	0.95-4.8	1.2-7.5	1.3-8.7	
Energy Efficiency	Cooling	EER(Btu/W)	11.6	11.0	11.6	11.0	
	Heating	EER(W/W)	3.40	3.21	3.40	3.21	
Moisture Removal		ℓ /hr.					
	Air Circulation (Max)	m ³ /min	1.0	1.4	2.5	3.0	
Noise Level	Indoor High/Low	dB	35/21	37/21	40/30	41/30	
	Outdoor High	dB	45	47	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	740	1030	1470	2120	
	Heating	W	910	1110	1660	2160	
Operating Current	Cooling	A	3.8	4.8	6.8	9.5	
	Heating	A	4.4	5.2	7.7	10.0	
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	820*285*205	820*285*205	1065*298*230	1065*298*230	
	Outdoor	mm	720*548*265	720*548*265	790*545*285	790*545*285	
Net Weight	Indoor	kg	8.8	8.8	13	13	
	Outdoor	kg	28	31	50	50	
Shipping Weight	Indoor	kg	10.8	10.8	16	16	
	Outdoor	kg	35.5	35.5	53.6	53.6	
Technical Information							
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	
	Gas	OD	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm	
Piping Length	Max	m	15	15	30	30	
Piping Height	Max	m	7	7	15	15	
Features							
Air Purification	S-Plasma ion						
	Auto Roof Shutter						
	Full HD Filter		80	80	80	80	
	DNA Filter						
	Deodorizing Filter						
	Catechin Filter						
	Allergy Care						
	Anti-bacteria Coating		•	•	•	•	
	Auto Clean		•	•	•	•	
	Air Flow	Wide Twin Blade					
Operating Mode	Optimal Single Blade		•	•	•	•	
	Fan speed(Steps)	4	4	4	4		
	Air Direction (Up/Down)	Auto	Auto	Auto	Auto		
	Air Direction (Left/Right)	Manual	Manual	Manual	Manual		
Convenience	Natural Breeze		•	•	•	•	
	d'light Cool						
	good'sleep		•	•	•		
	Smart Saver		•	•	•		
	Turbo		•	•	•		
	Dehumidification		•	•	•		
	Auto Mode		•	•	•		
	Fan Mode		•	•	•		
	Quiet		•	•	•		
	Filter Cleaning Indicator						
Outdoor Unit	Indoor Temp. Display						
	Remote Controller		•	•	•		
	Display On/Off						
	Beep On/Off						
	Real-time Timer						
	24-Hour Timer		•	•	•		
	Auto Restart		•	•	•		
	Auto Changeover		•	•	•		
	Compressor Type	BLDC	BLDC	Twin BLDC	Twin BLDC		
	Anti-corrosion Fin		•	•	•		
Low Ambient	Multi-channel Condensor						
	Cooling	°C	16-43	16-43	16-43		
	Heating	°C	-10-24	-10-24	-10-24		

Africa

MODEL			MB	MB	MB	MB
Model Code			AQ09A*AAFR	AQ12A*AAFR	AQ18A*AAFR	AQ24A*AAFR
AC Type			HP	HP	HP	HP
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000
		(min-max)				
		cal/hr.	2,322	3,009	4,385	5,847
		(min-max)				
		kW	2.7	3.5	5.1	6.8
		(min-max)				
		Heating	10,000	13,000	20,000	24,000
		(min-max)				
		cal/hr.	2,494	3,267	4,987	6,019
		(min-max)				
		kW	2.9	3.8	5.8	7.0
		(min-max)				
Energy Efficiency	Cooling	EER(Btu/W)	9.8	9.6	9.5	9.2
	Heating	EER(W/W)	2.87	2.80	2.78	2.71
Moisture Removal		ℓ /hr.	1.0	1.3	1.9	2.6
	Air Circulation (Max)	m ³ /min	8.0	9.0	15.0	17.0
Noise Level	Indoor High/Low	dB	32/24	35/26	40/32	42/33
	Outdoor High	dB	48	50	52	54
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	940	1250	1900	2600
	Heating	W	880	1180	1870	2600
Operating Current	Cooling	A	4.3	5.6	9	12.5
	Heating	A	3.9	5.3	9.0	12.5
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	900*304*185	900*304*185	1100*307*225	1100*307*225
	Outdoor	mm	660*470*240	720*548*265	790*548*285	880*638*310
Net Weight	Indoor	kg	10.2	10.2	12.7	12.7
	Outdoor	kg	26	33.8	39	56
Shipping Weight	Indoor	kg	11.5	11.5	16	16
	Outdoor	kg	27.5	35	43	58
Technical Information						
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	15	15	20
Piping Height	Max	m	7	7	8	8
Features						
Air Purification	S-Plasma Ion		•	•	•	•
	Auto Roof Shutter		•	•	•	•
	Full HD Filter		80	80	80	80
	DNA Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
	Catechin Filter		•	•	•	•
	Allergy Care		•	•	•	•
	Anti-bacteria Coating		•	•	•	•
	Auto Clean		•	•	•	•
	Wide Twin Blade		•	•	•	•
Air Flow	Optimal Single Blade		•	•	•	•
	Fan speed(Steps)		4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual
Operating Mode	Natural Breeze		•	•	•	•
	d'light Cool		•	•	•	•
	good'sleep		•	•	•	•
	Smart Saver		•	•	•	•
	Turbo		•	•	•	•
	Dehumidification		•	•	•	•
	Auto Mode		•	•	•	•
	Fan Mode		•	•	•	•
	Quiet		•	•	•	•
	Filter Cleaning Indicator		•	•	•	•
Convenience	Indoor Temp. Display		•	•	•	•
	Remote Controller		•	•	•	•
	Display On/Off		•	•	•	•
	Beep On/Off		•	•	•	•
	Real-time Timer		•	•	•	•
	24-Hour Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
	Compressor Type		UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•
Low Ambient	Multi-channel Condensor		•	•	•	•
	Cooling	°C	21~43	21~43	21~43	21~43
Heating	°C	-5~24	-5~24	-5~24	-5~24	

Vivace			Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	
AQ09V*EMID			AQ12V*EMID	AQ18V*EMID	AQ09V*EAFR	AQ12V*EAFR	AQ18V*EAFR	AQ09V*ANXFA	
HP			HP	HP	HP	HP	HP	HP	
R22			R22	R22	R22	R22	R22	R22	
Performance									
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	9,000	12,000	18,000	24,000
		(min-max)							
		cal/hr.	2,322	3,024	4,385	2,322	3,024	4,385	5,847
		(min-max)							
		kW	2.7	3.5	5.1	2.7	3.5	5.1	6.8
		(min-max)							
		Heating	10,000	13,000	20,000	10,000	13,000	20,000	24,000
		(min-max)							
		cal/hr.	2,494	3,267	4,815	2,494	3,267	4,815	6,019
		(min-max)							
		kW	2.9	3.8	5.6	2.9	3.8	5.6	7.0
		(min-max)							
Energy Efficiency	Cooling	EER(Btu/W)	9.2	9.5	9.5	9.2	9.5	9.5	9.2
	Heating	EER(W/W)	2.76	2.78	2.68	2.76	2.78	2.68	2.62
Moisture Removal		ℓ /hr.	1.0	1.5	1.9	1.0	1.5	1.9	2.6
	Air Circulation (Max)	m ³ /min	8.0	9.3	15.0	8.0	9.3	15.0	17.0
Noise Level	Indoor High/Low	dB	32/24	35/26	40/32	32/24	35/26	40/32	42/33
	Outdoor High	dB	48	50	52	48	50	52	54
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	980	1260	1900	980	1260	1900	2600
	Heating	W	900	1180	1900	900	1180	1900	2650
Operating Current	Cooling	A	4.6	5.8	9.0	4.6	5.8	9.0	12.5
	Heating	A	4.1	5.3	9.0	4.1	5.3	9.0	12.5
Dimension & Loading Q'ty									
Net Dimension (WxHxD)	Indoor	mm	825*285*189	825*285*189	1065*298*214	825*285*189	825*285*189	1065*298*214	1065*298*214
	Outdoor	mm	660*470*240	660*470*240	790*548*285	660*470*240	660*470*240	790*548*285	790*548*285
Net Weight	Indoor	kg	9	9	13	9	9	13	9
	Outdoor	kg	26	28	39	26	28	39	41
Shipping Weight	Indoor	kg	11	11	16	11	11	16	16
	Outdoor	kg	27.5	30	43	27.5	30	43	45
Technical Information									
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø12.7mm	ø12.7mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	15	15	15	15	20	
Piping Height	Max	m	7	7	8	7	7	8	
Features									
Air Purification	S-Plasma Ion		•	•	•	•	•	•	•
	Auto Roof Shutter		•	•	•	•	•	•	•
	Full HD Filter		60	60	60	60	60	60	60
	DNA Filter		•	•	•	•	•	•	•
	Deodorizing Filter		•	•	•	•	•	•	•
	Catechin Filter		•	•	•	•	•	•	•
	Allergy Care		•	•	•	•	•	•	•
	Anti-bacteria Coating		•	•	•	•	•	•	•
	Auto Clean		•	•	•	•	•	•	•
	Wide Twin Blade		•	•	•	•	•	•	•
Air Flow	Optimal Single Blade		•	•	•	•	•	•	•
	Fan speed(Steps)		4	4	4	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual
Operating Mode	Natural Breeze		•	•	•	•	•	•	•
	d'light Cool		•	•	•	•	•	•	•
	good'sleep		•	•	•	•	•	•	•
	Smart Saver		•	•	•	•	•	•	•
	Turbo		•	•	•	•	•	•	•
	Dehumidification		•	•	•	•	•	•	•
	Auto Mode		•	•	•	•	•	•	•
	Fan Mode		•	•	•	•	•	•	•
	Quiet		•	•	•	•	•	•	•
	Filter Cleaning Indicator		•	•	•	•	•	•	•
Convenience	Indoor Temp. Display		•	•	•	•	•	•	•
	Remote Controller		•	•	•	•	•	•	•
	Display On/Off		•	•	•	•	•	•	•
	Beep On/Off		•	•	•	•	•	•	•
	Real-time Timer		•	•	•	•	•	•	•
	24-Hour Timer		•	•	•	•	•	•	•
	Auto Restart		•	•	•	•	•	•	•
	Auto Changeover		•	•	•	•	•	•	•
	Compressor Type		UTR	UTR	UTR	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•
Low Ambient	Multi-channel Condensor		•	•	•	•	•	•	•
	Cooling	°C	21~43	21~43	21~43	21~43	21~43	21~43	21~43
Heating	°C	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	

Africa

MODEL			WAC	WAC	WAC	WAC
Model Code			AW12PKCAFR	AW18PKCAFR	AW24PKCAFR	AW09PKE2CBM
AC Type			CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	12,000	18,000	22,000	8,500
		(min-max)				
		cal/hr.	3,024	4,536	5,544	2,142
		(min-max)				
	Heating	kW	3.517	5.275	6.448	2.491
		(min-max)				
		Btu/hr.				
		(min-max)				
Energy Efficiency	Cooling	EER(Btu/W)	9.0	9.5	8.0	8.6
		EER(W/W)				
		COP(W/W)				
		(min-max)				
Moisture Removal	Cooling	ℓ /hr.	1.2	2.4	4.1	0.9
		(min-max)				
Air Circulation (Max)		m ³ /min	8.4	13.0	13.8	5.9
Noise Level	Indoor High/Low	dB	55	58	61	52
	Outdoor High	dB	63	64	66	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	1330	1890	2750	990
	Heating	W				
Operating Current	Cooling	A	5.8	8.4	12	4.3
	Heating	A				
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	530*384*550	620*425*640	620*425*640	500*355*458
	Outdoor	mm				
Net Weight	Indoor	kg	27.5	47.5	58	27.3
	Outdoor	kg				
Shipping Weight	Indoor	kg	30.5	52	63	29.3
	Outdoor	kg				
Technical Information						
SVC Valve	Liquid	OD				
	Gas	OD				
Piping Length	Max	m				
Piping Height	Max	m				
Features						
Air Purification	S-Plasma ion					
	Auto Roof Shutter					
	Full HD Filter		60	60	60	60
	DNA Filter					
	Deodorizing Filter					
	Catechin Filter					
	Allergy Care					
Air Flow	Anti-bacteria Coating		•	•	•	•
	Auto Clean					
	Wide Twin Blade					
	Optimal Single Blade					
	Fan speed(Steps)		3	3	3	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto
Operating Mode	Natural Breeze					
	d'light Cool					
	good'sleep		•	•	•	•
	Smart Saver		•	•	•	E.Saver
	Turbo					
	Dehumidification		•	•	•	•
	Auto Mode					
Convenience	Fan Mode		•	•	•	•
	Quiet					
	Filter Cleaning Indicator					
	Indoor Temp. Display		•	•	•	•
	Remote Controller		•	•	•	•
	Display On/Off					
	Beep On/Off					
Outdoor Unit	Real-time Timer					
	24-Hour Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover					
	Compressor Type		UTR	UTR	UTR	Rotary
	Anti-corrosion Fin		•	•	•	•
	Multi-channel Condensor					
Low Ambient	Cooling	°C	21-43	21-43	21-43	21-43
	Heating	°C				

MODEL			WAC	WAC	WAC	WAC	WAC	WAC	WAC
Model Code			AW12PKB2CBM	AW18PKB2CBM	AW24PKB2CBM	AW09PKE2DAJ	AW12PKB2DAJ	AW18PKB2DAJ	AW09PKE2SIM
AC Type			CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22
Performance									
Capacity	Cooling	Btu/hr.	12,000	18,000	22,000	8,500	12,000	18,000	8,500
		(min-max)							
		cal/hr.	3,024	4,536	5,544	2,142	3,024	4,536	2,142
		(min-max)							
	Heating	kW	3.517	5.275	6.448	2.491	3.517	5.275	2.491
		(min-max)							
		Btu/hr.							
		(min-max)							
Energy Efficiency	Cooling	EER(Btu/W)	9.0	9.5	8.0	8.6	9.0	9.5	8.6
		EER(W/W)							
		COP(W/W)							
		(min-max)							
Moisture Removal	Cooling	ℓ /hr.	1.3	2.6	4.1	0.9	1.3	2.6	0.9
		(min-max)							
Air Circulation (Max)		m ³ /min	8.0	12.5	13.8	5.9	8.0	12.5	5.9
Noise Level	Indoor High/Low	dB	54	58	61	52	54	58	52
	Outdoor High	dB	59	64	66	56	59	64	56
Electrical Data									
Power Source		V/Hz/ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	1330	1890	2750	990	1330	1890	990
	Heating	W							
Operating Current	Cooling	A	5.8	8.3	12	4.3	5.8	8.3	4.3
	Heating	A							
Dimension & Loading Q'ty									
Net Dimension (WxHxD)	Indoor	mm	560*370*550	620*425*640	620*425*640	500*355*458	560*370*550	620*425*640	500*355*458
	Outdoor	mm							
Net Weight	Indoor	kg	32.5	47	54.3	27.3	32.5	47	27.3
	Outdoor	kg							
Shipping Weight	Indoor	kg	36.7	51.6	58.9	29.3	36.7	51.6	29.3
	Outdoor	kg							
Technical Information									
SVC Valve	Liquid	OD							
	Gas	OD							
Piping Length	Max	m							
Piping Height	Max	m							
Features									
Air Purification	S-Plasma ion								
	Auto Roof Shutter								
	Full HD Filter		60	60	60	60	60	60	60
	DNA Filter								
	Deodorizing Filter								
	Catechin Filter								
	Allergy Care								
Air Flow	Anti-bacteria Coating		•	•	•	•	•	•	•
	Auto Clean								
	Wide Twin Blade								
	Optimal Single Blade								
	Fan speed(Steps)		3	3	3	3	3	3	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	Auto	Auto	Auto
Operating Mode	Natural Breeze								
	d'light Cool								
	good'sleep		•	•	•	•	•	•	•
	Smart Saver		•	•	•	•	•	•	E.Saver
	Turbo								
	Dehumidification		•	•	•	•	•	•	•
	Auto Mode								
Convenience	Fan Mode		•	•	•	•	•	•	•
	Quiet								
	Filter Cleaning Indicator								
	Indoor Temp. Display		•	•	•	•	•	•	•
	Remote Controller		•	•	•	•	•	•	•
	Display On/Off								
	Beep On/Off								
Outdoor Unit	Real-time Timer								
	24-Hour Timer		•	•	•	•	•	•	•
	Auto Restart		•	•	•	•	•	•	•
	Auto Changeover								
	Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•
	Multi-channel Condensor								
Low Ambient	Cooling	°C	21-43	21-43	21-43	21-43	21-43	21-43	21-43
	Heating	°C							

South-West Asia

MODEL			Max	Max	Max	Max	
Model Code			AS122UGDSTL	AS122USDSTL	AS123UGDSTL	AS182SGDSTL	
AC Type			CO	CO	CO	CO	
Refrigerant Type			R22	R22	R22	R22	
Performance							
Capacity	Cooling	Btu/hr.					
		(min-max)					
		cal/hr.					
		(min-max)					
		kW	3,516	3,516	3,516	5,050	
		(min-max)					
	Heating	Btu/hr.					
		(min-max)					
		cal/hr.					
		(min-max)					
		kW					
		(min-max)					
Energy Efficiency	Cooling	EER(Btu/W)					
		EER(W/W)	2.64	2.64	2.84	2.63	
		COP(W/W)					
Moisture Removal		ℓ /hr.	1.5	1.5	1.5	2.0	
Air Circulation (Max)		m ³ /min	10.0	10.0	10.0	12.0	
Noise Level	Indoor High/Low	dB	37/27	37/27	37/27	40/31	
	Outdoor High	dB	50	50	50	52	
Electrical Data							
Power Source		V/Hz/ø	230/50/1	230/50/1	230/50/1	230/50/1	
Power Consumption	Cooling	W	1330	1330	1240	1920	
	Heating	W					
Operating Current	Cooling	A	5.8	5.8	5.5	8.2	
	Heating	A					
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	890*190*285	890*190*285	890*190*285	890*190*285	
	Outdoor	mm	660*470*240	660*470*240	660*470*240	720*548*265	
Net Weight	Indoor	kg	9.2	9.2	9.2	9.9	
	Outdoor	kg	25	25	25	37	
Shipping Weight	Indoor	kg	11.4	11.4	11.4	12.1	
	Outdoor	kg	29	29	29	41	
Technical Information							
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	
	Gas	OD	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	
Piping Length	Max	m	15	15	15	15	
Piping Height	Max	m	8	8	8	8	
Features							
Air Purification	S-Plasma ion						
	Auto Roof Shutter						
	Full HD Filter		60	60	60	60	
	DNA Filter						
	Deodorizing Filter						
	Catechin Filter						
	Allergy Care						
	Anti-bacteria Coating		•	•	•	•	
	Auto Clean		•	•	•	•	
Air Flow	Wide Twin Blade						
	Optimal Single Blade		•	•	•	•	
	Fan speed(Steps)		4	4	4	4	
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	
Operating Mode	Natural Breeze		•	•	•	•	
	d'light Cool						
	good'sleep		•	•	•	•	
	Smart Saver		•	•	•	•	
	Turbo		•	•	•	•	
	Dehumidification		•	•	•	•	
	Auto Mode		•	•	•	•	
	Fan Mode		•	•	•	•	
	Quiet		•	•	•	•	
Convenience	Filter Cleaning Indicator						
	Indoor Temp. Display		•	•	•	•	
	Remote Controller		•	•	•	•	
	Display On/Off						
	Beep On/Off						
	Real-time Timer						
	24-Hour Timer		•	•	•	•	
	Auto Restart		•	•	•	•	
Outdoor Unit	Auto Changeover						
	Compressor Type		UTR	UTR	UTR	UTR	
	Anti-corrosion Fin		•	•	•	•	
Low Ambient	Multi-channel Condenser		•	•	•	•	
	Cooling	°C	21-54	21-54	21-54	21-54	
	Heating	°C					

MODEL			Max	Max	Max	Max	Max	Max	Max	Max	Max
Model Code			AS182SSDSTL	AS183UGDSTL	AS242UGDSTL	AS242USDSTL	AS182SSDXTL	AS182SGDXTL	AS183UGDXTL	AS242USDXTL	AS242USDXTL
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance											
Capacity	Cooling	Btu/hr.									
		(min-max)									
		cal/hr.									
		(min-max)									
		kW	5,050	5,275	6,500	6,500	5,050	5,050	5,275	6,500	
		(min-max)									
	Heating	Btu/hr.									
		(min-max)									
		cal/hr.									
		(min-max)									
		kW									
		(min-max)									
Energy Efficiency	Cooling	EER(Btu/W)									
		EER(W/W)	2.63	2.82	2.69	2.69	2.63	2.63	2.82	2.69	
		COP(W/W)									
Moisture Removal		ℓ /hr.	2.0	2.0	2.5	2.5	2.0	2.0	2.0	2.5	
Air Circulation (Max)		m ³ /min	12.0	15.0	17.0	17.0	12.0	12.0	15.0	17.0	
Noise Level	Indoor High/Low	dB	40/31	40/31	42/33	42/33	40/31	40/31	40/31	42/33	
	Outdoor High	dB	52	52	54	54	52	52	52	54	
Electrical Data											
Power Source		V/Hz/ø	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1
Power Consumption	Cooling	W	1920	1870	2420	2420	1920	1920	1870	2420	
	Heating	W									
Operating Current	Cooling	A	8.2	8.2	10.2	10.2	8.2	8.2	8.2	10.2	
	Heating	A									
Dimension & Loading Q'ty											
Net Dimension (WxHxD)	Indoor	mm	890*190*285	1,065*222*298	1,065*222*298	1,065*222*298	890*190*285	890*190*285	1,065*222*298	1,065*222*298	
	Outdoor	mm	720*548*265	720*548*265	790*548*285	790*548*285	720*548*265	720*548*265	720*548*265	790*548*285	
Net Weight	Indoor	kg	9.9	13	13	13	9.9	9.9	13	13	
	Outdoor	kg	37	37	44	44	37	37	37	44	
Shipping Weight	Indoor	kg	12.1	16	16	16	12.1	12.1	16	16	
	Outdoor	kg	41	41	47	47	41	41	41	47	
Technical Information											
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	15	20	20	15	15	15	20	
Piping Height	Max	m	8	8	8	8	8	8	8	8	
Features											
Air Purification	S-Plasma ion										
	Auto Roof Shutter										
	Full HD Filter		60	60	60	60	60	60	60	60	
	DNA Filter										
	Deodorizing Filter										
	Catechin Filter										
	Allergy Care										
	Anti-bacteria Coating		•	•	•	•	•	•	•	•	•
	Auto Clean		•	•	•	•	•	•	•	•	•
Air Flow	Wide Twin Blade										
	Optimal Single Blade		•	•	•	•	•	•	•	•	
	Fan speed(Steps)		4	4	4	4	4	4	4	4	
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	
Operating Mode	Natural Breeze		•	•	•	•	•	•	•	•	
	d'light Cool										
	good'sleep		•	•	•	•	•	•	•	•	
	Smart Saver		•	•	•	•	•	•	•	•	
	Turbo		•	•	•	•	•	•	•	•	
	Dehumidification		•	•	•	•	•	•	•	•	
	Auto Mode		•	•	•	•	•	•	•	•	
	Fan Mode		•	•	•	•	•	•	•	•	
	Quiet		•	•	•	•	•	•	•	•	
Convenience	Filter Cleaning Indicator										
	Indoor Temp. Display		•	•	•	•	•	•	•	•	
	Remote Controller		•	•	•	•	•	•	•	•	
	Display On/Off										
	Beep On/Off										
	Real-time Timer										
	24-Hour Timer		•	•	•	•	•	•	•	•	
	Auto Restart		•	•	•	•	•	•	•	•	
Outdoor Unit	Auto Changeover										
	Compressor Type		UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR	
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	
Low Ambient	Multi-channel Condenser		•	•	•	•	•	•	•	•	
	Cooling	°C	21-54	21-54	21-54	21-54	21-54	21-54	21-54	21-54	
	Heating	°C									

South-West Asia

MODEL			WAC	WAC	FAC	FAC
Model Code			AW183ZCXTL	AW241ZCXTL	AP28Z0AXTL	AP28N0AXTL
AC Type			CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.			28,000	28,000
		(min-max)				
		cal/hr.				
		(min-max)				
		kW	5.35	6.15	8.2	8.20
		(min-max)				
	Heating	Btu/hr.				
		(min-max)				
		cal/hr.				
		(min-max)				
		kW				
		(min-max)				
Energy Efficiency	Cooling	EER(Btu/W)			9.66	9.33
		EER(W/W)	2.83	2.46	2.83	2.73
	Heating	COP(W/W)				
Moisture Removal		ℓ /hr.	2.3	2.6	3.1	2.9
Air Circulation (Max)		m ³ /min	10.5	12.5	18.0	19.5
Noise Level	Indoor High/Low	dB	54	55	50	53
	Outdoor High	dB	60	61	63	63
Electrical Data						
Power Source		V/Hz/ø	230/50/1	230/50/1	1P2W, 220-240/50	220-240/50/1
Power Consumption	Cooling	W	1890	2500	2900	3000
	Heating	W				
Operating Current	Cooling	A	8.5	11.2	12.5	13.0
	Heating	A				
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	620*425*645	620*425*645	532*1830*319	525*1830*317
	Outdoor	mm			880*798*310	880*798*310
Net Weight	Indoor	kg	53	57	40.5	35.0
	Outdoor	kg			57	57
Shipping Weight	Indoor	kg	57	62	46	40
	Outdoor	kg			60	60
Technical Information						
SVC Valve	Liquid	OD			ø6.35mm	ø6.35mm
	Gas	OD			ø15.88mm	ø15.88mm
Piping Length	Max	m			15	15
Piping Height	Max	m			15	15
Features						
Air Purification	S-Plasma Ion					
	Auto Roof Shutter				•	
	Full HD Filter				80	
	DNA Filter					
	Deodorizing Filter				•	
	Catechin Filter					
	Allergy Care					
	Anti-bacteria Coating				•	•
	Auto Clean				•	
	Air Flow	Wide Twin Blade				
Optimal Single Blade						
Fan speed(Steps)			3	3	3	3
Air Direction (Up/Down)			Manual	Manual		Auto
Air Direction (Left/Right)		Auto	Auto	Auto	Auto	
Operating Mode	Natural Breeze					
	d'light Cool					
	good'sleep		•	•		
	Smart Saver		•	•		
	Turbo				•	•
	Dehumidification		•	•	•	•
	Auto Mode				•	•
	Fan Mode		•	•	•	•
	Quiet					
	Filter Cleaning Indicator				•	
Convenience	Indoor Temp. Display		•	•	•	•
	Remote Controller		LCD	•	•	•
	Display On/Off					
	Beep On/Off		•	•		
	Real-time Timer					
	24-Hour Timer		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover					
	Outdoor Unit	Compressor Type		UTR	Rotary (UTR)	Rotary (UTR)
	Anti-corrosion Fin		•	•	•	•
Low Ambient	Multi-channel Condensor		•	•		
	Cooling	°C	21-43	21-43		
	Heating	°C				

Memo