2011 SAMSUNG AIR CONDITIONER

open

ICONS

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www.samsung.com

2011 Samsung Air Conditioner

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.

ICONS

Samsung air conditioners offer advanced performance of cooling.

- S-Plasma ion
- Cathechin 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.

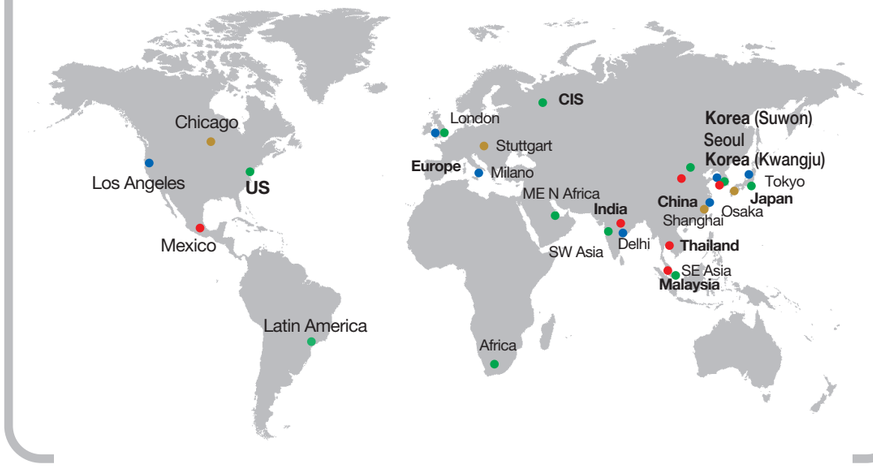


Samsung has been on the forefront of digital and design, developing new products and increasing its presence in all its markets. Its sales growth, even in tough economic times, demonstrates its ability to effectively hedge its portfolio of businesses. This year, Samsung saw strong mobile phone sales. 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.

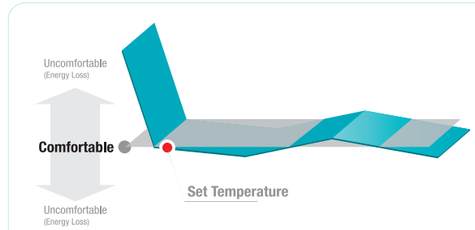


What is Smart Inverter?

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.

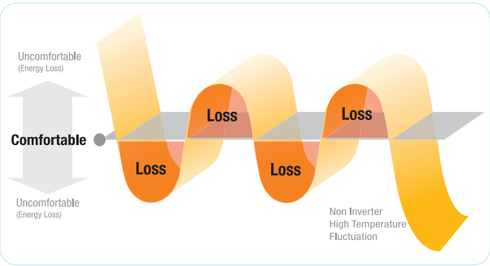
Smart Inverter

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.



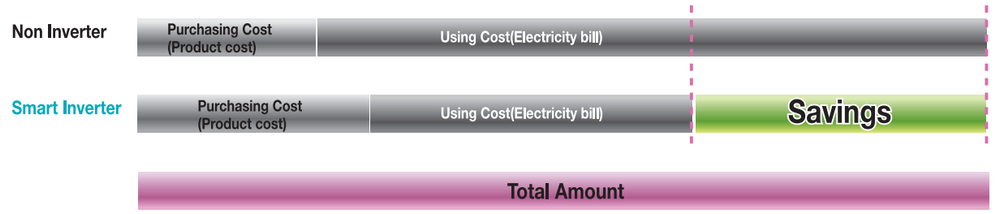
Stay Comfortable

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.



Air Conditioner **ON**

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

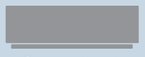
* K Series 9k Btu

Greatest energy efficiency!

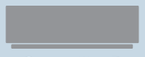
You'll be amazed by the comparison. Samsung's air conditioner receives the World Top Class EER for high energy efficiency.



Samsung
EER/COP 5.2/5.2



Competitor A
EER/COP 5.0/5.1



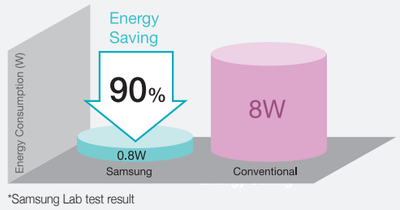
Competitor B
EER/COP 5.15/5.25



Air Conditioner **OFF**

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℃	Regular Mode	1778	-
	Smart Saver	**1230**	**31%**
24℃	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.

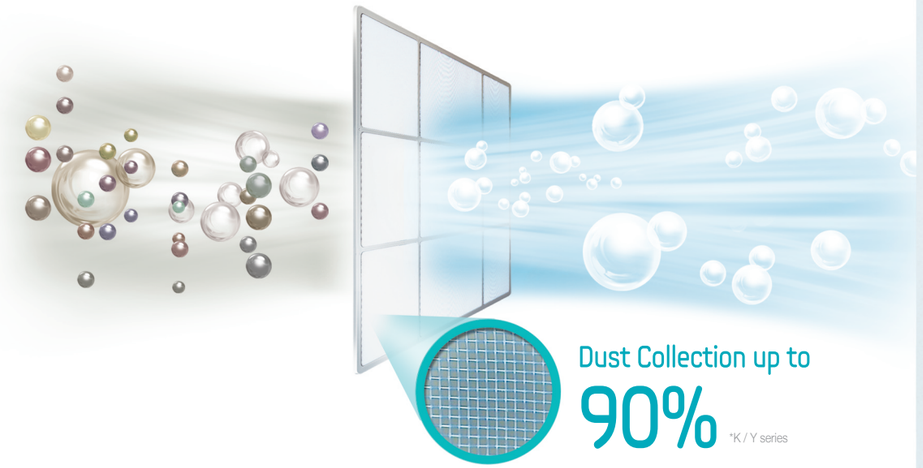
FULL HD FILTER

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!

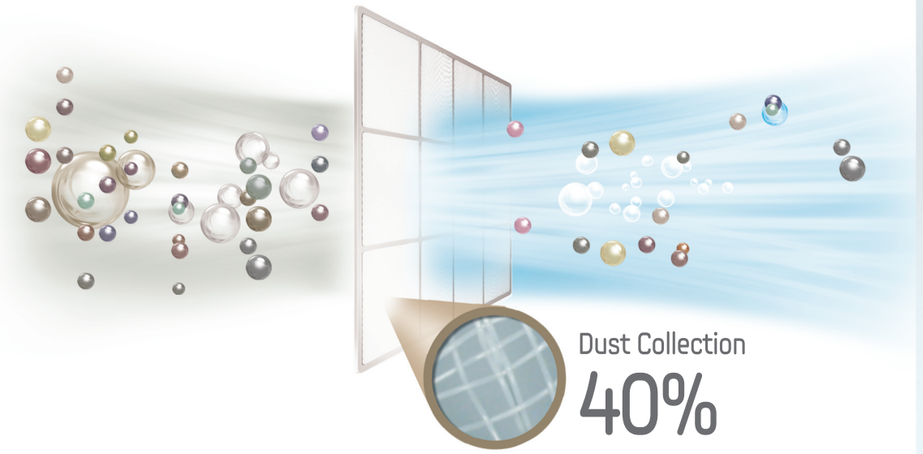
Samsung's Full HD Filter creates cleaner air with outstanding dust collection!

FULL HD FILTER



Dust Collection up to
90% *K / Y series

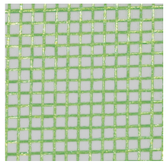
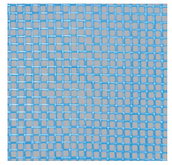
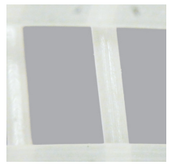
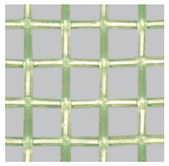
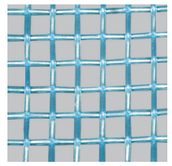
Competitor Filter



Dust Collection
40%

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. (㎛)	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.



Air Conditioner + Air Cleaner = **SAMSUNG Air Conditioner**

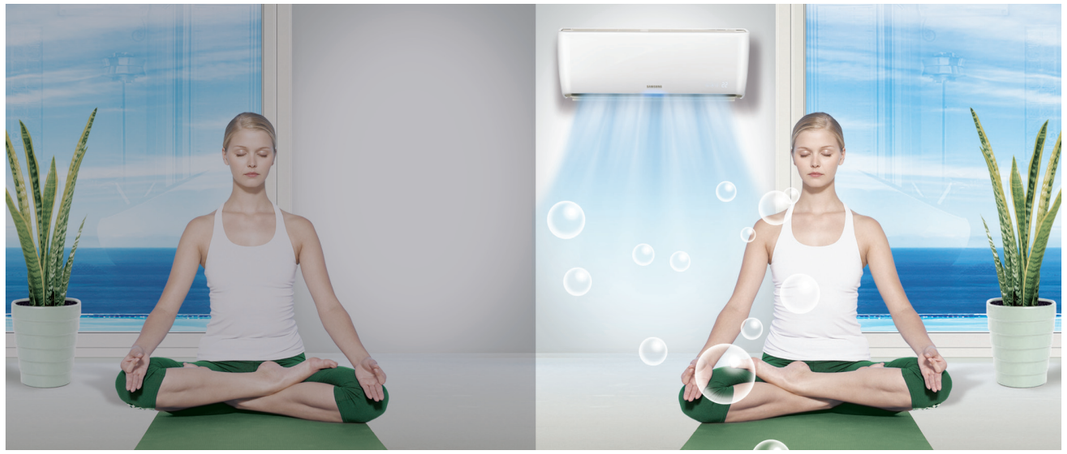
How does S-Plasma ion eliminate biological contaminants?

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, H_2O. Also the active hydrogen (H) combines with OH-radical and forms a water vapor, neutralizing harmful OH-radical.



Active hydrogen / Oxygen ions + **Harmful substances** = **Harmless water**

1. Active hydrogen and oxygen ions are generated.
2. Combines with the harmful OH radical, viruses and bacteria.
3. Turns into harmless water vapor.



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

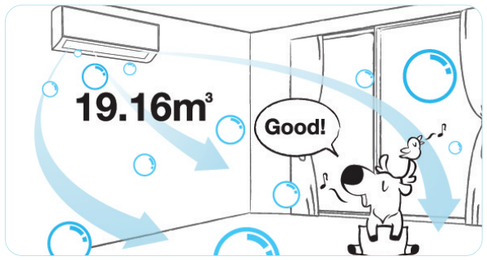
Samsung's unique S-Plasma ion technology eliminates biological contaminants such as viruses bacteria, molds and allergens. Protect your family from toxins that cause sickness with outstanding S-Plasma ion technology.

- **Airborne bacteria and viruses :** Causes various diseases such asinfluenza,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

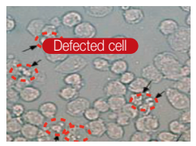
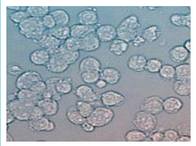
The S-Plasma ion purifies over 19.16m³ of space unlike its competitors. You can always have completely clean, healthy air even in large spaces.

Competitor	Samsung S-Plasma ion
4 m³	19.16 m³



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.

	Competitor	Samsung
Skin Test result		

*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

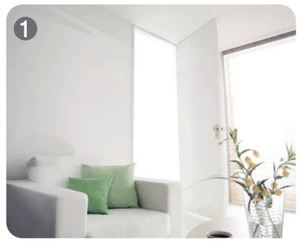
In limited spaces like automobiles, airplanes and elevators, S-Plasma ion shows its outstanding technology by providing the highest level of fresh clean air. Keep your environment free from bacteria, mold and other contaminants with Samsung's innovative S-Plasma ion.

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

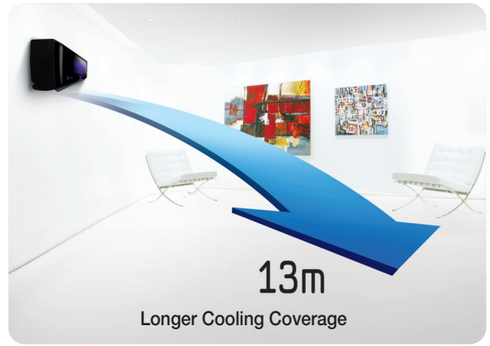
Samsung's Wide-Twin Blade individually controls the airflow at optimum angles. The double layered blade provides long range airflow to deliver heating or cooling for larger spaces.



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.



Longer Cooling Coverage

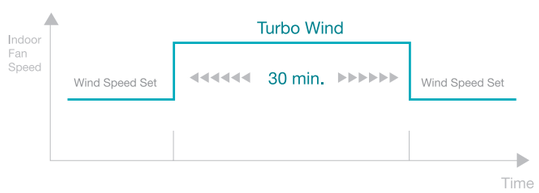
Turbo Cooling

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.



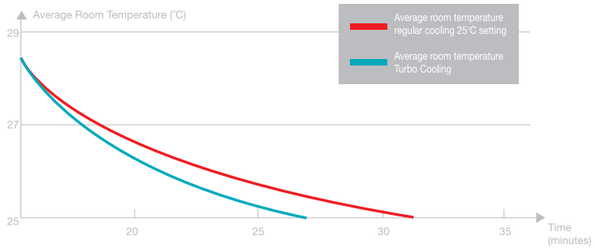
Maximum cooling!

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.



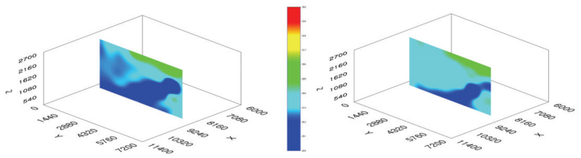
Cool down faster than ever

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.



Turbo Cooling
Instant cooling brings quicker and better comfort.

Regular Cooling
The room is cooling slowly which makes you uncomfortable.

* 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.

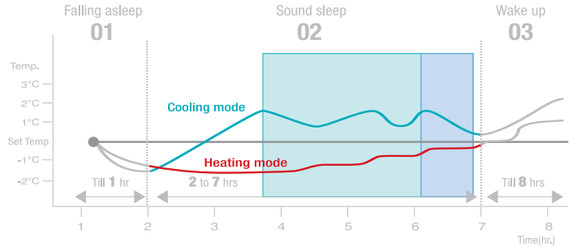


Best temperature for deep sleep

01 Falling asleep stage
Eases you into sleep by dropping the temperature.

02 Sound sleep stage
Relaxes your body and raises your temperature slightly.

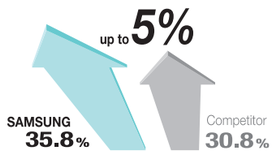
03 Wake up stage
Allows you to wake up from comfortable intermittent air and makes you feel refreshed.



Everything improved!

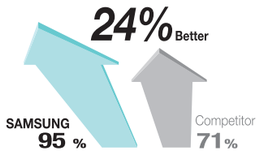
Sleep efficiency

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



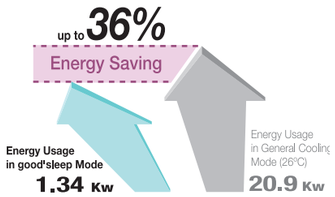
Pleasant skin temperature

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.

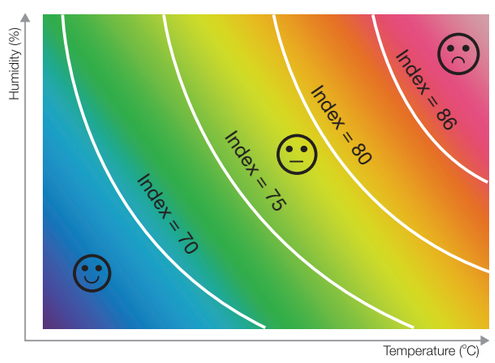
d'light cool

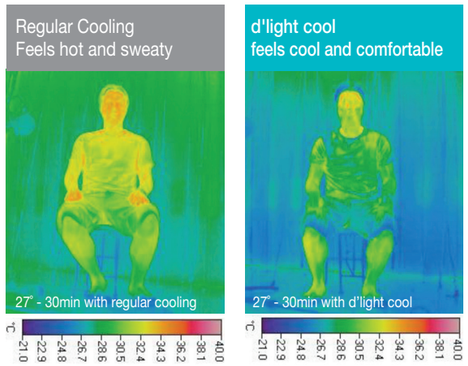
Too much air conditioning is not only hazardous to your health, but harmful to the environment since it wastes energy. Samsung's air conditioner uses the least amount of energy to maintain comfort levels so you and the environment stay healthy.



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.

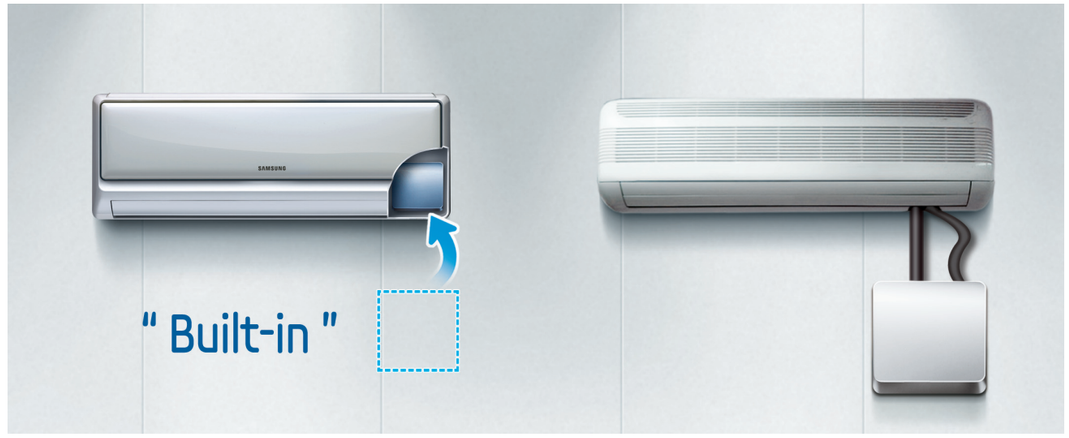
No more wasteful cooling

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.



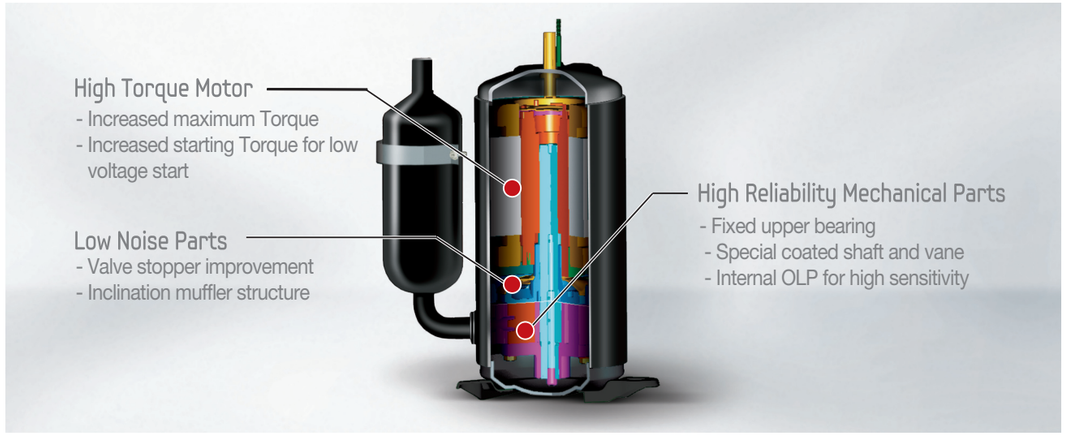
Built-in stabilizer to save money

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.



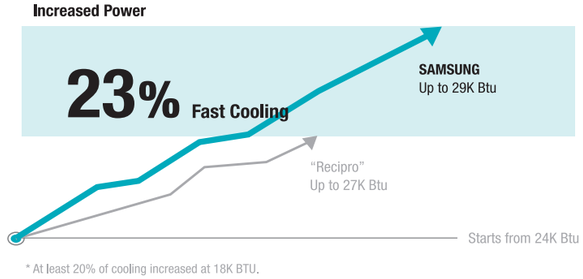
UTR Plus™

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.



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.



* At least 20% of cooling increased at 18K BTU.

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

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

Reciprocating Compressor

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

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 CEEE (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.



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.

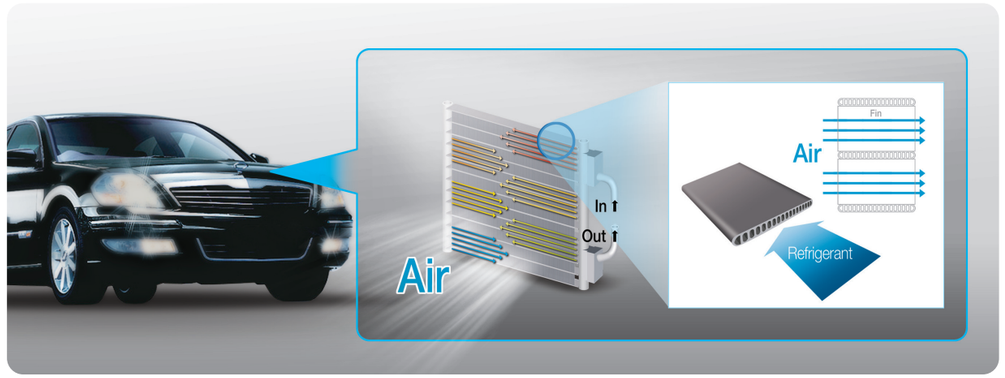
Smaller size for easier installation

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.



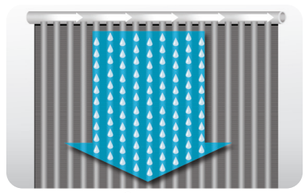
Remarkable innovation in heat exchanger!

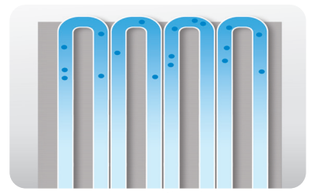
Samsung's Multi Channel Condenser increases the heat exchange surface with multi channel flow. Moreover, with its new flat surface design, it reduces the air resistance compared to conventional heat exchangers. The large flat surface and multiple channels enhance its cooling efficiency. Thanks to MMC's 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.


Samsung


conventional

Quiet Operation

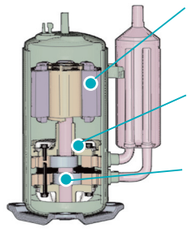
For greater comfort, Samsung made improvements to reduce vibration and noise level coming from the air conditioner. With Samsung's highly innovative air conditioner, you can always have quiet, peaceful life while staying comfortably cool.



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



Highly Efficient BLDC Motor
- Creative motor core design
- High density neodymium magnet
- Concentrated type stator

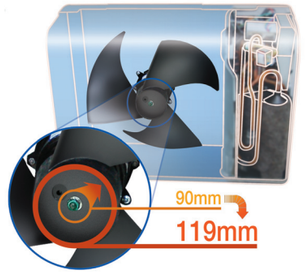
Extremely Low Vibration
- Twin eccentric cams
- 2 balance weights

Highly Stable Moving Parts
- Optimal material matching rollers and vanes
- Highly robust bearings
- Coated vane - Coated shaft

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

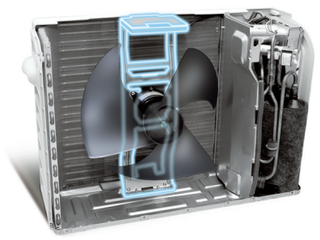
More stable fan spinning

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

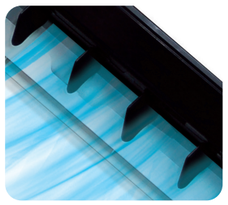
The body pillar inside the outdoor unit supports the outer case. Once the air conditioner is turned on, the outdoor unit's case makes a high level of noise due to the vibration and loose-jointed parts. Samsung strengthened the body pillar to hold out the case more tightly to inhibit vibration and add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



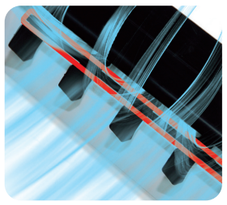
Seamless airflow

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.

SAMSUNG



Conventional

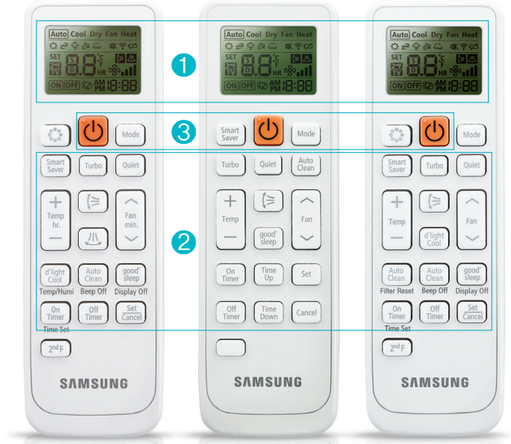


Special Remote Control

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.



K / Y series | P / T / MAX series | Crystal series

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

2011 New SAMSUNG Air Conditioner

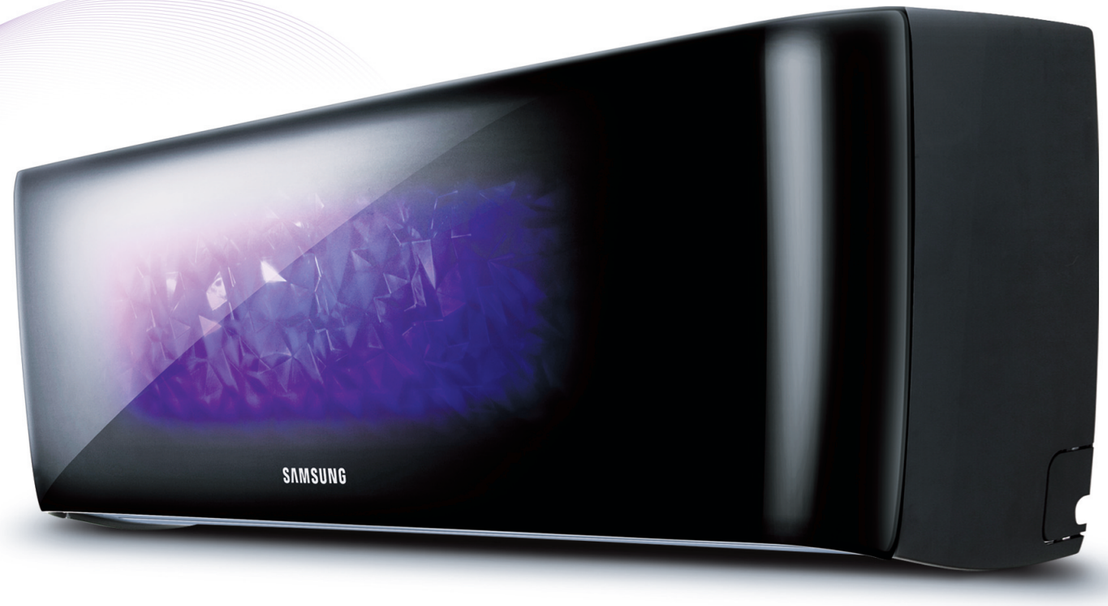
(Jungfrau Flagship)

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)

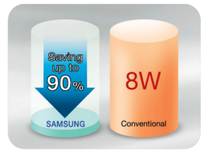




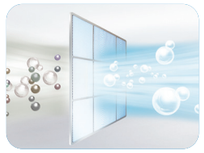
Inimitable Design
The elaborately designed Samsung's new air conditioner is a perfect solution for your stylish and modern living room.



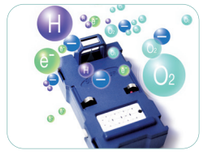
World Top Class EER
The new air conditioner achieved world top class Energy Efficiency Ratio by saving 80% in energy.



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.

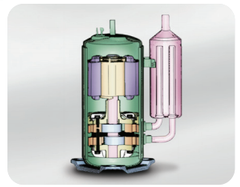


d'light cool
This system automatically adjusts the temperature and humidity level to maintain the most pleasant degree.



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)



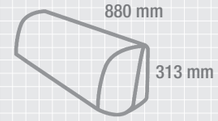
Allergy Care
The specially coated filter eliminates allergy causing agents and reduces your allergy symptoms.

- Auto Restart
- Real Time Timer
- Remote Controller

Available Colors & Dimensions

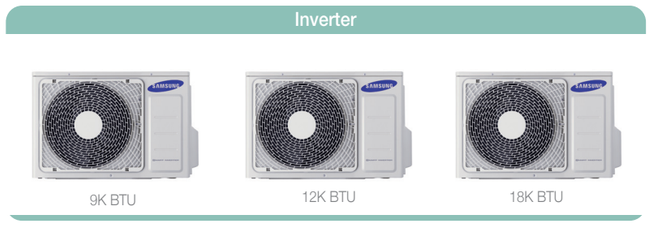


9,000BTU / 12,000 BTU
/ 18,000 BTU



Remote Control & Outdoor Unit





Extreme Saving with Style

Y Series

2011 New SAMSUNG Air Conditioner

(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.





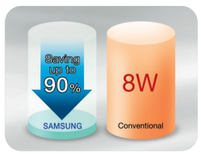
Y Series
(Jungfrau Premium)



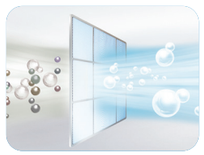
Inimitable Design
The elaborately designed Samsung's new air conditioner is a perfect solution for your stylish and modern living room.



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.



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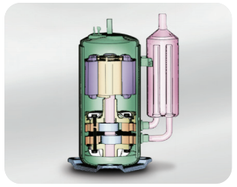


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- Triple Protector (Option)

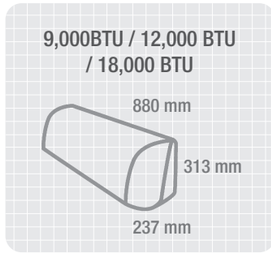


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- Auto Changeover
- Anti Corrosion Fin
- Remote Controller

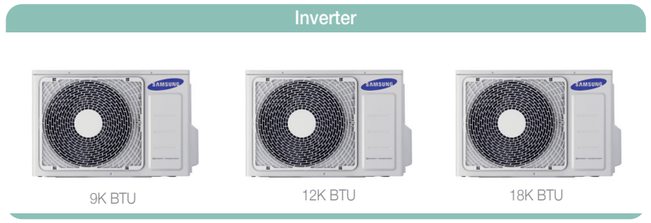
Available Colors & Dimensions





Remote Control & Outdoor Unit





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.



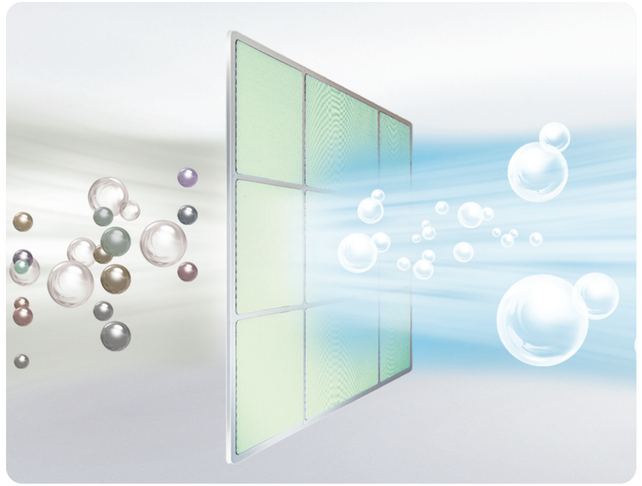


P Series
(Maldives)



Features





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



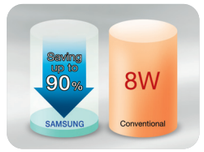
Smart Inverter
Smart Inverter maintains ideal temperature without constant shutting off and on the compressor.



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



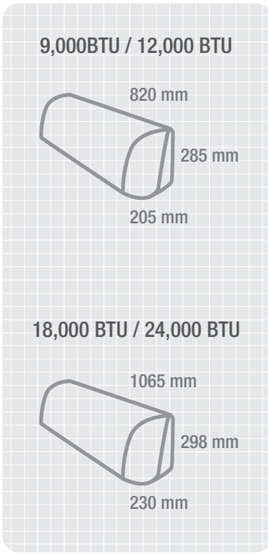
Blue



Silver

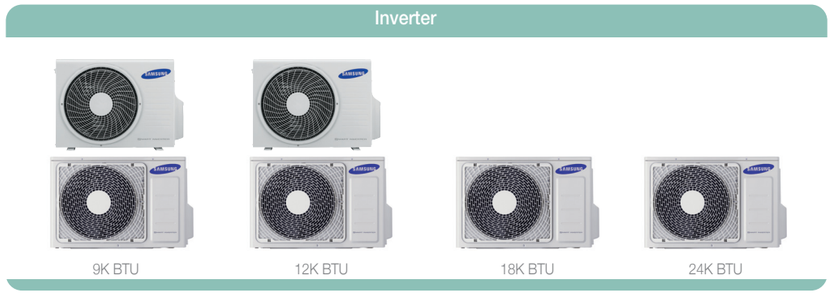


White



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 pleasance on time. Also with stronger durability of the air conditioner, you can have fresh clean cool air stably all day long.





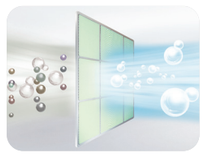
T Series
(Boracay)

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

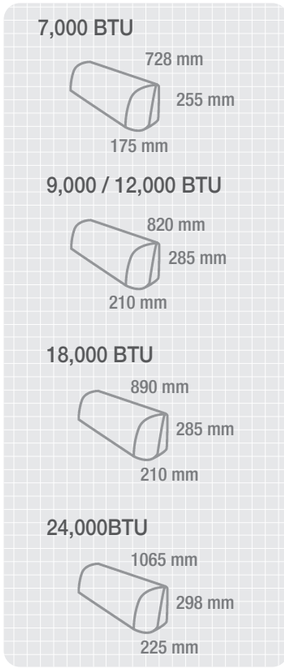
Available Colors & Dimensions



Silver

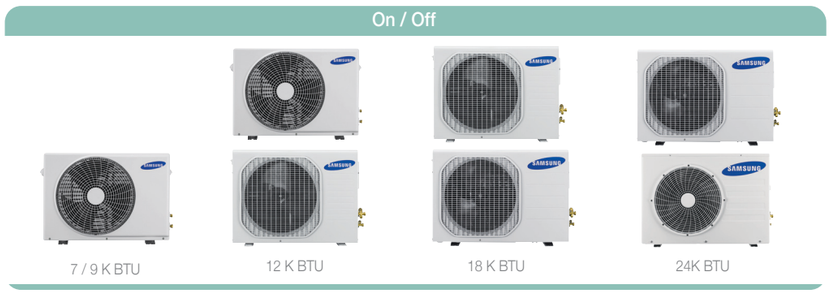


Blue



Remote Control & Outdoor Unit





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.

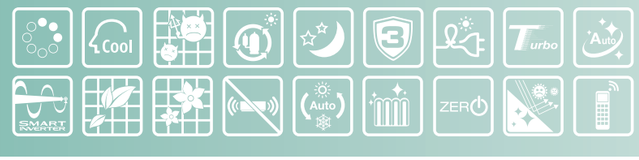
d'light cool

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.

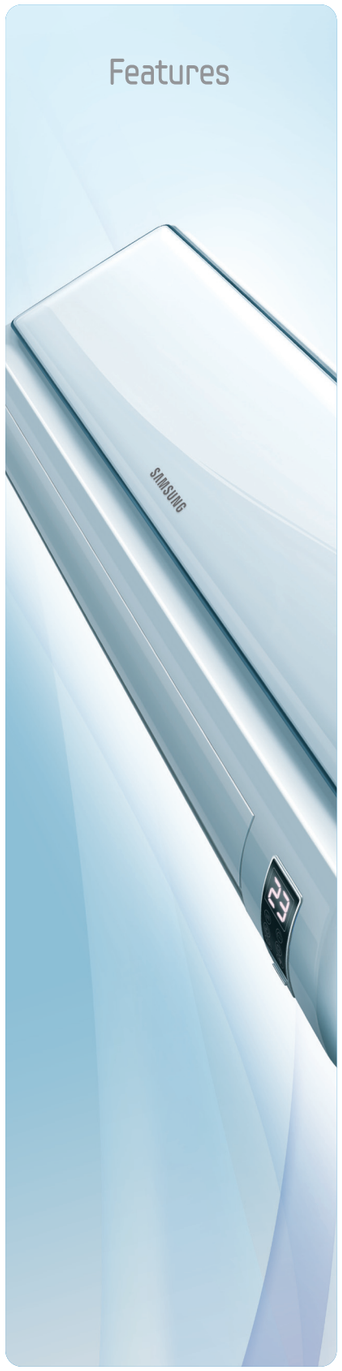


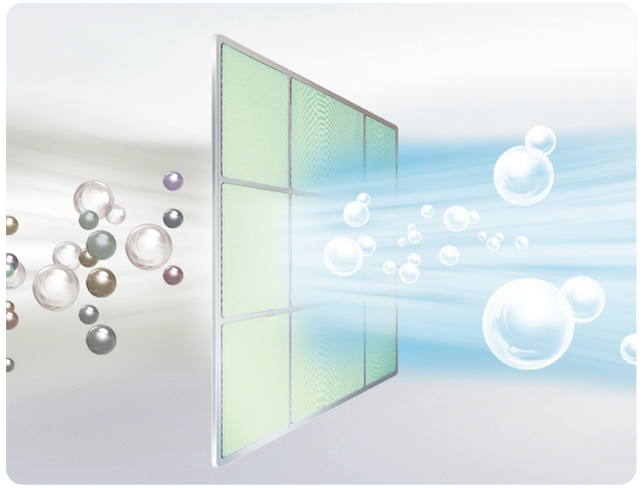


Crystal

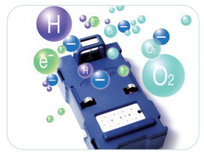


Features





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.



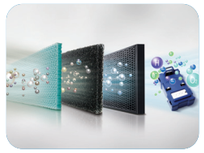
Filter Cleaning Indicator
The indicator automatically alerts you when the filter needs to be cleaned by illuminating blue light.



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, Deodoring, and optional DNA filters, and S-Plasma ion to keep your air clean and fresh.

Additional Feature

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

Available Colors & Dimensions



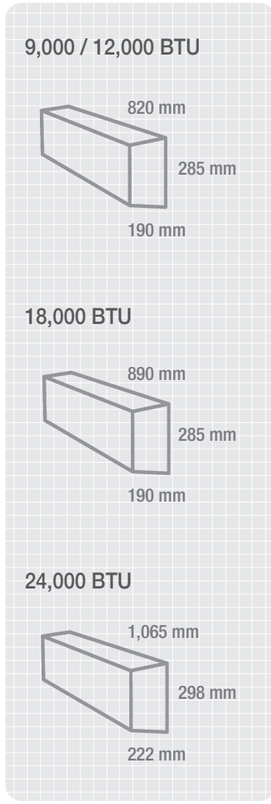
White



Silver

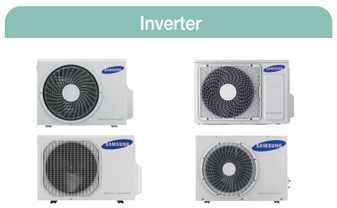


Blue



Remote Control & Outdoor Unit







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(Option)
- 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

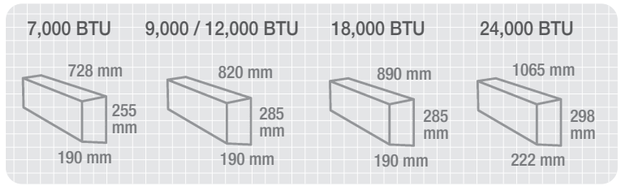


Gray



Light Blue

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



Remote Control & Outdoor Unit



Inverter



On / Off



Window Type



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MEXICO / SOUTH AMERICA LINE UP 59
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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

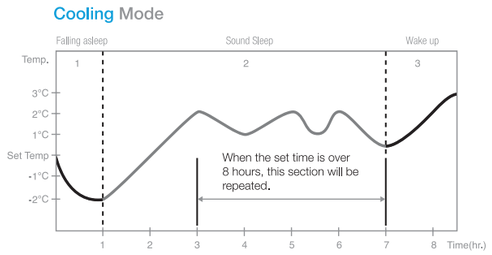
Eases you into sleep by dropping the temperature.

02 Sound sleep stage

Relaxes your body and raises your temperature slightly.

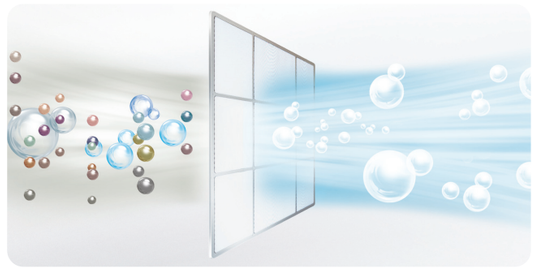
03 Wake up stage

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

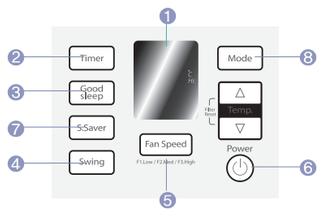
Turns on / off the air conditioner.

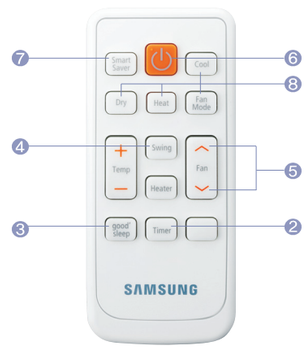
07 Smart Saver button

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)

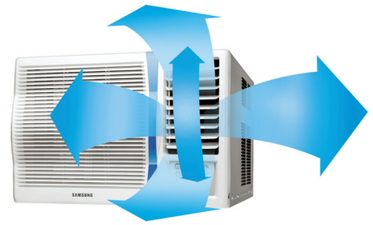
You can select the Cool, Heat, Dry or Fan mode by pressing button.





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

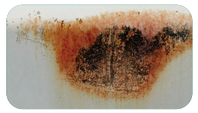
The Window Type air conditioner removes moisture and humidity, two big discomforts in summer, keeping your room pleasant and fresh.

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

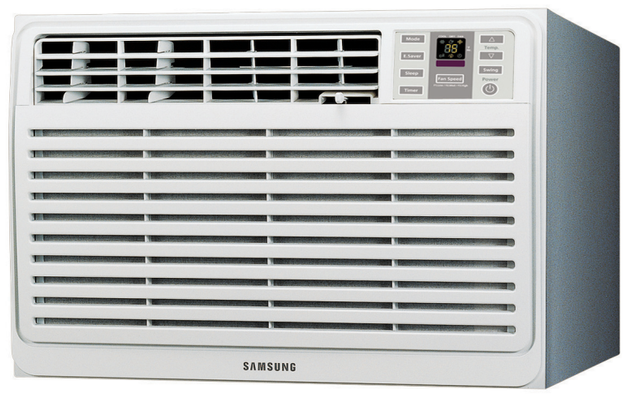


	Power Source(V/Hz/Ø)	5K Btu
Cooling Only	115 / 60 / 1	AW05N0AG

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

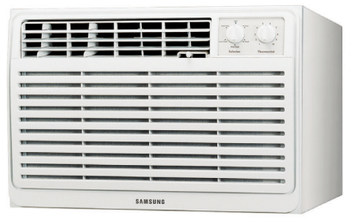


	Power Source(V/Hz/Ø)	5K Btu
Cooling Only	115/60/1	AW08NHAG

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/Ø)	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/Ø)	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 mode
_ 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/Ø)	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	AW05N0D

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

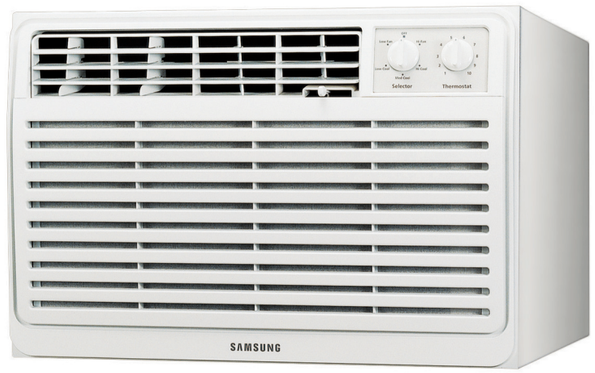


	Power Source(V/Hz/Ø)	9K Btu	12K Btu
Heat Pump	220~240/50/1	AZ09PHB	AZ12PHA
Cooling Only	220~240/50/1	-	-

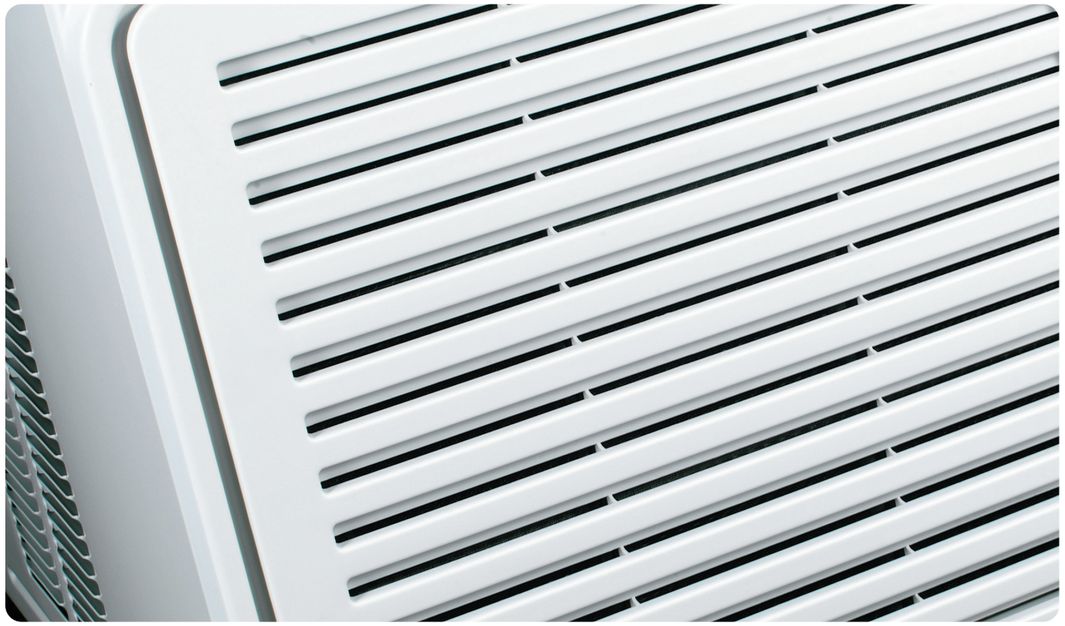
AI Series (Mechanical)

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



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

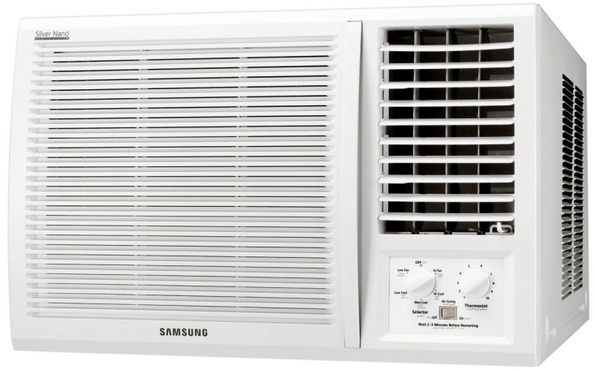


	Power Source(V/Hz/Ø)	9K Btu	12K Btu	18K Btu	24K Btu
Heat Pump	220~240 / 50 / 1	-	-	AWT18WHC	AWT24WHC
Cooling Only	220 / 60 / 1	-	-	AWT18WHD	AWT24WHB

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	-

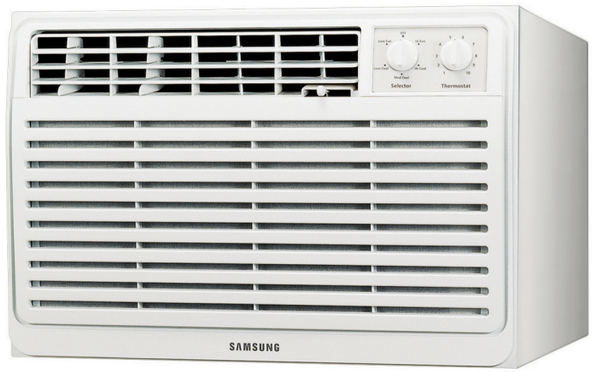


SE Asia Line up

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 mode
_ 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

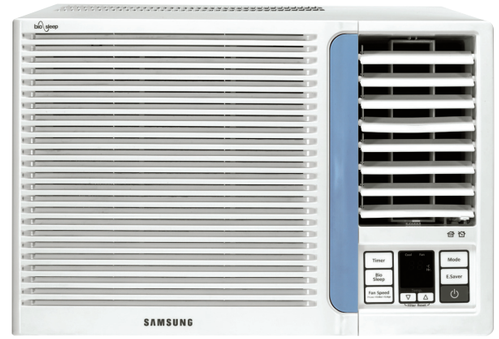


	Power Source(V/Hz/Ø)	12K Btu	18K Btu
Cooling Only	230 / 50 / 1	AW122KC	AW182KC AW183KC

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)	24K Btu
Cooling Only	230 / 50 / 1	AW241ZC

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



Floor Standing Type



NOVA 73
QUEEN 75
WALTZ 77

Streamlined sophistication

Nova



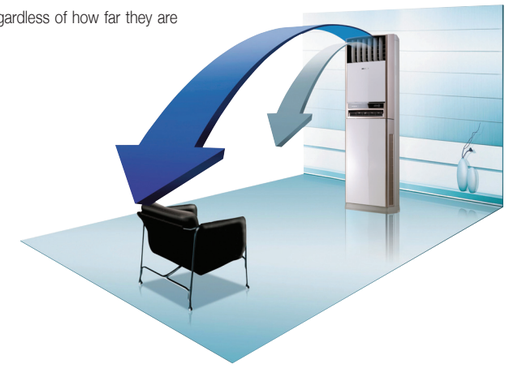
Deluxe Design

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.



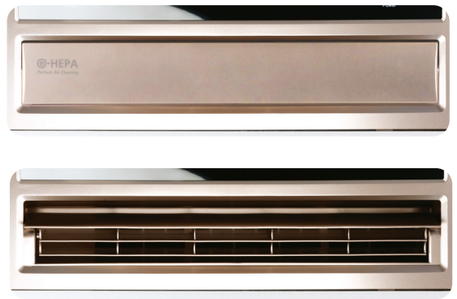
Wide Airflow

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

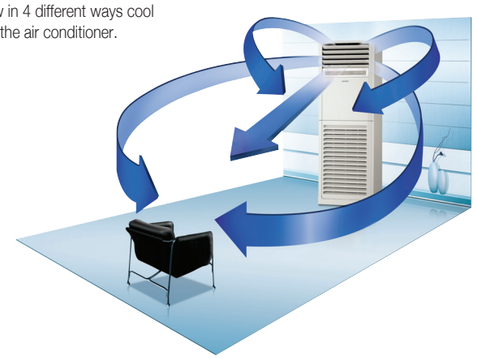


Powerful Large Capacity

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(Option)
- _ 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 AISA 113
MIDDLE EAST 133
AFRICA 160
SOUTH-WEST AISA 173

Europe

MODEL			K-series (Jungfrau-F)	K-series (Jungfrau-F)	K-series (Jungfrau-F)	Y-series (Jungfrau-P)	Y-series (Jungfrau-P)	Y-series (Jungfrau-P)	MB	MB	Crystal	Crystal	Crystal	Crystal
Model Code			AQV09K*AN	AQV12K*AN	AQV18K*AN	AQV09Y*AN	AQV12Y*AN	AQV18Y*AN	AQV09A*BN	AQV12A*BN	AQV09E*CN	AQV09E*AN	AQV12E*CN	AQV12E*AN
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	8,530	11,942	17,060	8,530	11,942	17,060	8,530	11,942	8,530	8,530	11,942	11,942
		(min~max)	3378~11260	3378~13648	5459~20472	3378~10918	3378~13648	5459~20472	3,139~10,919	3,139~13,649	3,378~10,919	3,378~10,919	3,378~13,649	3,378~13,649
		cal/hr.	2,150	3,010	4,300	2,150	3,010	4,300	2,150	3,009	2,150	2,150	3,009	3,009
		(min~max)	850~2840	850~3870	1380~5160	850~2750	850~3870	1380~5160	791~2752	791~3439	851~2752	851~2752	851~3439	851~3439
		kW	2.5	3.5	5	2.5	3.5	5.0	2.5	3.5	2.5	2.5	3.5	3.5
		(min~max)	0.99~3.3	0.99~4.0	1.6~6.0	0.99~3.3	0.99~4.0	1.6~6.0	0.92~3.2	0.92~4.0	0.99~3.2	0.99~3.2	0.99~4.0	0.99~4.0
	Heating	Btu/hr.	10,918	13,648	20,472	10,918	13,648	20,472	11,601	13,649	10,919	11,260	13,649	13,649
		(min~max)	3378~20472	3378~23884	4094~25590	3378~16036	3310~18425	4094~25590	3,139~17,061	3,139~18,767	3,378~17,743	3,378~15,355	3,378~20,473	3,378~17,743
		cal/hr.	2,752	3,440	5,160	3,010	3,440	5,160	2,923	3,439	2,752	2,837	3,439	3,439
		(min~max)	850~5160	850~6020	1030~6450	850~4040	830~4640	1030~6450	791~4299	791~4729	851~4471	851~3869	851~5159	851~4471
		kW	3.2	4.0	6.0	3.2	4.0	6.0	3.4	4.0	3.2	3.3	4.0	4.0
		(min~max)	0.99~6.0	0.99~7.0	1.2~7.5	0.99~4.7	0.99~5.4	1.2~7.5	0.92~5.0	0.92~5.5	0.99~5.2	0.99~4.5	0.99~6.0	0.99~5.2
Energy Efficiency	Cooling	EER(Btu/W)	17.7	15.4	11.0	16.4	14.0	11.0	15.0	12.3	15.7	13.9	13.6	11.2
		EER(W/W)	5.20	4.50	3.21	4.80	4.10	3.21	4.40	3.60	4.60	4.08	4.00	3.30
	Heating	COP(W/W)	5.20	4.50	3.61	4.80	4.10	3.61	4.20	3.70	4.60	4.10	4.20	3.61
Moisture Removal		ℓ /hr.	0.8	1.3	2.0	0.6	1.1	2.0	1.0	1.4	1.0	1.0	1.4	1.4
Air Circulation (Max)		m³/min	9.6	10.1	14.4	10.3	11.0	14.4	8.0	9.0	11.5	8.0	12.0	9.0
Noise Level	Indoor High/Low	dB	39/20	41/20	43/26	39/21	41/21	43/26	31 / 20	35 / 21	35 / 21	31/21	39 / 21	35/21
	Outdoor High	dB	45	45	50	45	45	50	45	45	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	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	480	780	1560	520	850	1560	570	970	540	613	880	1060
	Heating	W	620	890	1660	670	980	1660	810	1080	700	805	950	1108
Operating Current	Cooling	A	2.4	3.8	7.4	2.5	3.9	7.4	3	4.5	2.8	3	4.2	4.8
	Heating	A	3.0	4.1	7.7	3.1	4.5	7.7	4	5.2	3.4	3.5	4.6	5.2
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	900*304*185	900*304*185	890*285*190	820*285*190	890*285*190	820*285*190
	Outdoor	mm	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*548*285	790*548*285	790*548*285	790*548*285	790*548*285	790*548*285
Net Weight	Indoor	kg	11.5	11.5	11.5	10.5	10.5	11.2	10.2	10.2	9.9	8.2	9.9	8.2
	Outdoor	kg	35.5	35.5	37.7	31.2	31.2	37.7	35	35	35	31.5	35	31.5
Shipping Weight	Indoor	kg	14.1	14.1	14.2	13	13	13.8	12.6	12.6	12.1	10	12.1	10
	Outdoor	kg	38.6	38.6	40.8	34.3	34.3	40.8	38	38	38	35.4	38	35.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø9.52mm	ø12.7mm	ø9.52mm	ø9.52mm	ø12.7mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm
Piping Length	Max	m	15	15	30	15	15	30	15	15	15	15	15	15
Piping Height	Max	m	8	8	15	8	8	15	8	8	8	8	8	8
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter								•	•				
	Full HD Filter		90	90	90	90	90	90	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	Auto	Auto	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 Indicatior										•	•	•	•
	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	BLDC	Twin BLDC	Twin BLDC	Twin BLDC	BLDC	BLDC	BLDC	BLDC
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46
	Heating	℃	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24

Europe

MODEL			Crystal	Crystal	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	Max	Max	Max	Max
Model Code			AQV18E*AN	AQV24E*CN	AQV09P*BN	AQV12P*BN	AQV18P*BN	AQV24P*BN	AQV09P*AN	AQV12P*AN	AQV09U*AN	AQV12U*AN	AQV18U*AN	AQV24U*BN
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	17,061	23,202	8,530	11,942	17,060	23,202	8,500	11,300	8,530	11,260	17,061	23,203
		(min~max)	5,459~20,473	7506~27296	3310~11260	3310~13648	5459~20472	7506~27296	2259~10918	2559~12966	3,378~10,919	3,753~12,966	5,459~20,473	7,507~27,297
		cal/hr.	4,299	5,848	2,150	3,010	4,300	5,848	2,150	2,838	2,150	2,837	4,299	5,847
		(min~max)	1376~5159	1890~6880	830~2840	830~3440	1380~5160	1890~6880	650~2750	650~3270	851~2752	946~3267	1376~5159	1892~6879
		kW	5	6.8	2.5	3.5	5	6.8	2.5	3.3	2.5	3.3	5	6.8
		(min~max)	1.6~6.0	2.2~8.0	0.97~3.3	0.97~4.0	1.6~6.0	2.2~8.0	0.75~3.2	0.75~3.8	0.99~3.2	1.1~3.8	1.6~6.0	2.2~8.0
	Heating	Btu/hr.	20,473	26,614	11,260	13,648	20,472	26,614	11,300	13,600	11,260	13,649	20,473	27,297
		(min~max)	4,095~25,591	6483~34120	3310~16036	3310~18425	4094~25590	6483~34120	3241~13989	3241~16378	4,095~14,331	4,777~16,037	4,095~25,591	6,483~32,415
		cal/hr.	5,159	6,708	2,838	3,440	5,160	6,708	2,838	3,440	2,837	3,439	5,159	6,879
		(min~max)	1032~6449	1630~8600	830~4040	830~4640	1030~6450	1630~8600	820~3530	820~4130	1032~3611	1204~4041	1032~6449	1634~8169
		kW	6.0	7.8	3.3	4.0	6.0	7.8	3.3	4.0	3.3	4.0	6.0	8.0
		(min~max)	1.2~7.5	1.9~10.0	0.97~4.7	0.97~5.4	1.2~7.7	1.9~10.0	0.95~4.1	0.95~4.8	1.2~4.2	1.4~4.7	1.2~7.5	1.9~9.5
Energy Efficiency	Cooling	EER(Btu/W)	11.6	11.0	13.7	11.3	11.6	11.0	11.6	11.0	11.6	11.0	11.6	11.0
		EER(W/W)	3.40	3.21	4.02	3.30	3.40	3.21	3.40	3.21	3.40	3.21	3.40	3.21
	Heating	COP(W/W)	3.61	3.61	4.10	3.70	3.61	3.61	3.63	3.61	3.63	3.61	3.61	3.61
Moisture Removal		ℓ /hr.	2.5	3.1	0.9	1.4	2.0	3.1	1.0	1.1	1.0	1.4	2.5	3.0
Air Circulation (Max)		m³/min	13.0	17.1	9.0	9.8	13.8	17.1	8.6	9.9	8.0	9.0	13.0	15.0
Noise Level	Indoor High/Low	dB	40/30	41/30	36/21	38/21	40/30	41/30	35/21	37/21	32/23	36/23	40/30	41/30
	Outdoor High	dB	53	55	45	45	53	55	45	47	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	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	1470	2120	620	1060	1470	2120	740	1030	735	1028	1470	2260
	Heating	W	1660	2160	800	1080	1660	2160	910	1110	910	1108	2660	2850
Operating Current	Cooling	A	6.8	9.5	3	4.8	6.8	9.5	3.8	4.8	3.5	4.9	6.8	10.6
	Heating	A	7.7	10	3.8	4.9	7.7	10	4.4	5.2	4.4	5.2	7.7	13
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	1065*298*222	820*285*205	820*285*205	1065*298*230	1065*298*230	820*285*205	820*285*205	820*285*190	820*285*190	1065*298*222	1065*298*222
	Outdoor	mm	880*638*310	880*798*310	790*545*285	790*545*285	790*545*285	880*798*310	720*548*265	720*548*265	720*548*265	720*548*265	880*638*310	880*638*310
Net Weight	Indoor	kg	13	13	8.2	8.8	13	13	8.2	8.2	8.2	8.2	13	13
	Outdoor	kg	46	52	30.5	33.8	36	59.2	26.5	27.5	31.5	31.5	47	51
Shipping Weight	Indoor	kg	16	16	10.2	10.8	16	16	10.2	10.2	10	10	16	16
	Outdoor	kg	50	56	34.5	36	40	64.8	29.5	30.5	33	33	50	53
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	30	30	15	15	30	30	15	15	15	15	30	30
Piping Height	Max	m	15	15	8	8	15	15	7	7	7	7	15	15
Features														
Air Purification	S-Plasma ion		•	•										
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior		•	•										
	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	Twin BLDC	Twin BLDC	BLDC	BLDC	BLDC	BLDC	Twin BLDC	Twin BLDC
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	16~46	16~46	-10~46	-10~46	-10~46	-10~46
	Heating	℃	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-10~24	-10~24	-10~24	-10~24	-15~24	-15~24

Europe

MODEL			Neo Forte	Neo Forte	Neo Forte	Neo Forte	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	Max	Max	Max	Max
Model Code			AQV09N*BN	AQV12N*BN	AQV18N*CN	AQV24N*BN	AQ09T*BN	AQ12T*BN	AQ18T*BN	AQ24T*BN	AQ09U*FN	AQ12U*FN	AQ18U*FN	AQ24U*FN
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	HP	HP	HP	HP	HP	HP	HP	HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	8,530	11,942	17,061	23,203	9,384	11,944	17,745	23,205	9,384	11,944	17,745	23,205
		(min~max)	3,378~10,919	3,378~13,649	5,459~20,473	7,507~27,297								
		cal/hr.	2,150	3,009	4,299	5,847	2,365	3,010	4,472	5,848	2,365	3,010	4,472	5,848
		(min~max)	851~2752	851~3439	1376~5159	1892~6879								
		kW	2.5	3.5	5	6.8	2.8	3.5	5.2	6.8	2.8	3.5	5.2	6.8
		(min~max)	0.99~3.2	0.99~4.0	1.6~6.0	2.2~8.0								
	Heating	Btu/hr.	11,942	13,649	20,473	27,297	9,896	12,968	19,793	23,888	9,896	12,968	19,793	23,888
		(min~max)	3,378~15,355	3,378~17,743	4,095~27,297	6,483~32,415								
		cal/hr.	3,009	3,439	5,159	6,879	2,494	3,268	4,988	6,020	2,494	3,268	4,988	6,020
		(min~max)	851~3869	851~4471	1032~6879	1634~8169								
		kW	3.5	4.0	6.0	8.0	2.9	3.8	5.8	7	2.9	3.8	5.8	7
		(min~max)	0.99~4.5	0.99~5.2	1.2~8.0	1.9~9.5								
Energy Efficiency	Cooling	EER(Btu/W)	13.9	11.3	11.6	11.0	11.0	11.0	9.6	9.6	11.0	11.0	9.6	9.6
		EER(W/W)	4.08	3.30	3.41	3.21	3.22	3.21	2.81	2.81	3.22	3.21	2.81	2.81
	Heating	COP(W/W)	3.80	3.61	3.61	3.61	3.61	3.61	3.22	2.81	3.61	3.61	3.22	2.81
Moisture Removal		ℓ /hr.	1.0	1.4	2.5	3.0	1.0	1.5	1.8	2.4	1.0	1.5	1.8	2.4
Air Circulation (Max)		m³/min	7.0	8.0	13.0	15.0	7.5	9.5	13	17	7.5	9.5	13	17
Noise Level	Indoor High/Low	dB	31 / 22	36 / 22	40/30	41 / 30	32/24	35/26	40/31	42/33	32/24	35/26	40/31	42/33
	Outdoor High	dB	45	45	53	55	47	48	52	54	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	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	613	1060	1470	2260	855	1090	1850	2420	855	1090	1850	2420
	Heating	W	960	1108	1660	2850	803	1053	1800	2490	803	1053	1800	2490
Operating Current	Cooling	A	3	4.9	6.8	10.6	4.1	5.4	8.5	10.8	4.1	5.4	8.3	10.8
	Heating	A	4.5	5.3	7.7	13	3.7	5.1	8.2	11.2	3.7	5.1	8.1	11.2
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	825*285*189	825*285*189	1065*298*218	1065*298*218	820*285*210	820*285*210	1065*298*225	1065*298*225	820*285*190	820*285*190	1065*298*222	1065*298*222
	Outdoor	mm	790*548*285	790*548*285	880*638*310	880*638*310	660*470*240	660*470*240	790*548*285	880*638*310	660*470*240	660*470*240	790*548*285	880*638*310
Net Weight	Indoor	kg	8.4	8.4	13	13	8	8.4	13	13	8	8.4	13	13
	Outdoor	kg	39	39	46	56	23.2	25.6	40	56	23.2	25.6	40	56
Shipping Weight	Indoor	kg	10.6	10.6	16	16	9.4	9.8	16	16	9.4	9.8	16	16
	Outdoor	kg	43	43	49.5	58	25.4	28	44	58	25.4	28	44	58
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	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	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	15	30	30	15	15	15	20	15	15	15	20
Piping Height	Max	m	7	7	15	15	7	7	8	8	7	7	8	8
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	-10~46	-10~46	-10~46	-10~46	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-15~24	-15~24	-15~24	-15~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24

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)		m³/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					
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 Indicatior					
	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		•	•	•	•
	Multi-channel Condensor					
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43
	Heating	℃	-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*BNSER	AQV12P*BNSER
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)		m³/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		•	•	•	•
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)		Auto	Auto	Manual	Manual
	Natural Breeze		•	•	•	•
Operating Mode	d'light Cool		•	•		
	good'sleep		•	•	•	•
	Smart Saver		•	•	•	•
	Turbo		•	•	•	•
	Dehumidification		•	•	•	•
	Auto Mode		•	•	•	•
	Fan Mode		•	•	•	•
	Quiet		•	•	•	•
Convenience	Filter Cleaning Indicatior					
	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		•	•	•	•
	Multi-channel Condensor					
Low Ambient	Cooling	℃	-10~46	-10~46	-10~46	-10~46
	Heating	℃	-15~24	-15~24	-15~24	-15~24

CIS

MODEL			P-series (Maldives)	P-series (Maldives)	Vivace	Vivace	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	T-series (Boracay)	T-series (Boracay)
Model Code			AQV18P*BNSER	AQV24P*BNSER	AQ09V*CNSER	AQ12V*CNSER	AQ09E*FNSER	AQ12E*FNSER	AQ09E*ENSER	AQ12E*ENSER	AQ18E*ENSER	AQ24E*ENSER	AQ07T*BNSER	AQ09T*BNSER
AC Type			INV. HP	INV. HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP
Refrigerant Type			R410A	R410A	R22	R22	R410A	R410A	R22	R22	R22	R22	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	17,060	23,202	9,214	11,944	9,384	11,944	9,000	12,000	18,000	23,200	6,996	9,384
		(min~max)	5459~20472	7506~27296										
		cal/hr.	4,300	5,848	2,322	3,010	2,365	3,010	2,268	3,024	4,536	5,847	1,763	2,365
		(min~max)	1380~5160	1890~6880										
		kW	5	6.8	2.7	3.5	2.8	3.5	2.6	3.5	5.3	6.8	2.1	2.8
		(min~max)	1.6~6.0	2.2~8.0										
	Heating	Btu/hr.	20,472	26,614	9,555	12,968	9,896	12,968	9,800	13,000	19,500	24,500	7,166	9,896
		(min~max)	4094~25590	6483~34120										
		cal/hr.	5,160	6,708	2,408	3,268	2,494	3,268	2,470	3,276	4,914	6,174	1,806	2,494
		(min~max)	1030~6450	1630~8600										
		kW	6.0	7.8	2.8	3.8	2.9	3.8	2.9	3.8	5.7	7.2	2.1	2.9
		(min~max)	1.2~7.5	1.9~10.0										
Energy Efficiency	Cooling	EER(Btu/W)	11.6	11.0	9.2	9.5	11.0	11.0	9.0	9.5	9.5	9.3	11.0	11.0
		EER(W/W)	3.40	3.21	2.70	2.78	3.21	3.21	2.65	2.79	2.78	2.72	3.23	3.22
	Heating	COP(W/W)	3.61	3.61	3.11	3.30	3.61	3.61	2.93	3.28	3.01	2.71	3.61	3.61
Moisture Removal		ℓ /hr.	2.0	3.1	1.0	1.5	1.0	1.5	1.0	1.5	1.8	2.4	0.7	1.0
Air Circulation (Max)		m³/min	13.8	17.1	7.5	9.5	7.5	9.5	7.5	9.5	13	17	7	7.5
Noise Level	Indoor High/Low	dB	40/30	41/30	32/24	35/26	32/24	35/26	32/24	35/26	40/31	42/33	32/24	32/24
	Outdoor High	dB	53	55	48	50	48	50	48	50	52	54	47	48
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1470	2120	1000	1260	855	1090	995	1260	1900	2500	635	855
	Heating	W	1660	2160	900	1150	803	1053	980	1160	1900	2650	581	803
Operating Current	Cooling	A	6.8	9.5	4.5	5.8	4.1	5.4	4.6	5.8	9	12	3.1	4.1
	Heating	A	7.7	10	4	5.3	3.7	5.1	4.2	5.3	9	12.5	3	3.7
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*230	1065*298*230	825*285*189	825*285*189	820*285*190	820*285*190	728*255*185	820*285*190	890*285*190	1065*298*222	728*255*190	820*285*210
	Outdoor	mm	790*545*285	880*798*310	660*470*240	660*470*240	660*470*240	660*470*240	660*470*240	660*470*240	790*548*285	790*548*285	660*470*240	660*470*240
Net Weight	Indoor	kg	13	13	9	9	7.8	7.8	7.8	7.8	9.9	13	6.4	8
	Outdoor	kg	36	59.2	26	26.5	22	22	22	22	39	56	22.5	23.2
Shipping Weight	Indoor	kg	16	16	11	11	9.8	9.8	9.8	9.8	12.1	16	8.2	9.4
	Outdoor	kg	40	64.8	27.5	28	24.5	26.5	24.5	26.5	43	58	25	25.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø9.52mm	ø12.7mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm
Piping Length	Max	m	30	30	15	15	15	15	15	15	15	20	15	15
Piping Height	Max	m	15	15	7	7	7	7	7	7	7	8	7	7
Features														
Air Purification	S-Plasma ion				•	•	•	•	•	•	•	•		
	Auto Roof Shutter													
	Full HD Filter		80	80	60	60	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	-10~46	-10~46	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-15~24	-15~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24

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MODEL			T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	Max	Max	Max	Max
Model Code			AQ12T*BNSER	AQ18T*BNSER	AQ24T*BNSER	AQ07T*ANSER	AQ09T*ANSER	AQ12T*ANSER	AQ18T*ANSER	AQ24T*ANSER	AQ07U*FNSER	AQ09U*FNSER	AQ12U*FNSER	AQ18U*FNSER
AC Type			HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP
Refrigerant Type			R410A	R410A	R410A	R22	R22	R22	R22	R22	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	11,944	17,745	23,205	7,000	9,000	12,000	18,000	23,200	6,996	9,384	11,944	17,745
		(min~max)												
		cal/hr.	3,010	4,472	5,848	1,764	2,268	3,024	4,536	5,847	1,763	2,365	3,010	4,472
		(min~max)												
		kW	3.5	5.2	6.8	2.1	2.6	3.5	5.3	6.8	2.1	2.8	3.5	5.2
		(min~max)												
	Heating	Btu/hr.	12,968	19,793	23,888	7,000	9,800	13,000	19,500	24,500	7,508	9,896	12,968	19,793
		(min~max)												
		cal/hr.	3,268	4,988	6,020	1,764	2,470	3,276	4,914	6,174	1,892	2,494	3,268	4,988
		(min~max)												
		kW	3.8	5.8	7	2.1	2.9	3.8	5.7	7.2	2.2	2.9	3.8	5.8
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	11.0	9.6	9.6	10.0	9.0	9.5	9.5	9.3	11.0	11.0	11.0	9.6
		EER(W/W)	3.21	2.81	2.81	2.93	2.65	2.79	2.78	2.72	3.23	3.22	3.21	2.81
	Heating	COP(W/W)	3.61	3.22	2.81	3.16	2.93	3.28	3.01	2.71	3.61	3.61	3.61	3.22
Moisture Removal		ℓ /hr.	1.5	1.8	2.4	0.7	1.0	1.5	1.8	2.4	0.7	1.0	1.5	1.8
Air Circulation (Max)		m³/min	9.5	13	17	7	7.5	9.5	13	17	7	7.5	9.5	13
Noise Level	Indoor High/Low	dB	35/26	40/31	42/33	32/24	32/24	35/26	40/31	42/33	32/24	32/24	35/26	40/31
	Outdoor High	dB	50	52	54	47	48	50	52	54	47	48	50	52
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1090	1850	2420	700	995	1260	1900	2500	635	855	1090	1850
	Heating	W	1053	1800	2490	650	980	1160	1900	2650	610	803	1053	1800
Operating Current	Cooling	A	5.4	8.3	10.8	3.2	4.6	5.8	9	12	3.1	4.1	5.4	8.3
	Heating	A	5.1	8.1	11.2	3.1	4.2	5.3	9	12.5	3	3.7	5.1	8.1
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*285*210	1065*298*225	1065*298*225	728*255*185	728*255*185	820*285*210	890*285*210	1065*298*225	728*255*185	820*285*190	820*285*190	1065*298*222
	Outdoor	mm	660*470*240	790*548*285	880*638*310	660*470*240	660*470*240	660*470*240	790*548*285	790*548*285	660*470*240	660*470*240	660*470*240	790*548*285
Net Weight	Indoor	kg	8.4	13	13	6.4	6.4	8.4	9.6	13	6.4	8	8.4	13
	Outdoor	kg	25.6	40	56	22.5	22	25.8	38	56	22.5	23.2	25.6	40
Shipping Weight	Indoor	kg	9.8	16	16	8.2	23.2	10.2	11.6	16	8.2	9.4	9.8	16
	Outdoor	kg	28	44	58	25	26.5	28.2	41	58	25	25.4	28	44
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	15	20	15	15	15	15	20	15	15	15	15
Piping Height	Max	m	7	8	8	7	7	7	8	8	7	7	7	7
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24

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MODEL			Max	Max	Max	Max	Max	Max	WAC	WAC	WAC	WAC
Model Code			AQ24U*FNSER	AQ07U*ENSER	AQ09U*ENSER	AQ12U*ENSER	AQ18U*ENSER	AQ24U*ENSER	AW05N0DSER	AW07N0DSER	AZ09PHBSER	AZ12PHASER
AC Type			HP	HP	HP	HP	HP	HP	CO	CO	HP	HP
Refrigerant Type			R410A	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance												
Capacity	Cooling	Btu/hr.	23,205	7,000	9,000	12,000	18,000	23,200	5000	7000	8400	11000
		(min~max)										
		cal/hr.	5,848	1,764	2,268	3,024	4,536	5,847	1260	1764	2117	2772
		(min~max)										
		kW	6.8	2.1	2.6	3.5	5.3	6.8	1.47	2.05	2.46	3.22
		(min~max)										
	Heating	Btu/hr.	23,888	7,000	9,800	13,000	19,500	24,500	32,000		8200	11000
		(min~max)										
		cal/hr.	6,020	1,764	2,470	3,276	4,914	6,174	8,065		2066	2772
		(min~max)										
		kW	7	2.1	2.9	3.8	5.7	7.2	9.4		2.40	3.22
		(min~max)										
Energy Efficiency	Cooling	EER(Btu/W)	9.6	10.0	9.0	9.5	9.5	9.3	10.3	8.6	9.6	8.4	7.9
		EER(W/W)	2.81	2.93	2.65	2.79	2.78	2.72	3.03	2.52	2.81	2.46	2.32
	Heating	COP(W/W)	2.81	3.16	2.93	3.28	3.01	2.71	3.13			2.40	2.55
Moisture Removal		ℓ /hr.	2.4	0.7	1.0	1.5	1.8	2.4	3.0	0.7	0.9	1.0	1.5
Air Circulation (Max)		m³/min	17	7	7.5	9.5	13	17	25	3.8	5.4	6.5	8.5
Noise Level	Indoor High/Low	dB	42/33	32/24	32/24	35/26	40/31	42/33	45/38	53	57	56	56
	Outdoor High	dB	54	47	48	50	52	54	56	57	59	60	60
Electrical Data													
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Consumption	Cooling	W	2420	700	995	1260	1900	2500	2900	580	730	1000	1390
	Heating	W	2490	650	980	1160	1900	2650	3000			1000	1260
Operating Current	Cooling	A	10.8	3.2	4.6	5.8	9	12	13	2.5	3.2	4.4	5.9
	Heating	A	11.2	3.1	4.2	5.3	9	12.5	13.5			4.4	5.4
Dimension & Loading Q'ty													
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	728*255*185	728*255*185	820*285*190	820*285*190	1065*298*222	1279*345*229	435*283*326	490*320*460	560*370*550	560*370*550
	Outdoor	mm	880*638*310	660*470*240	660*470*240	660*470*240	790*548*285	790*548*285	880*798*310				
Net Weight	Indoor	kg	13	6.4	6.4	8.4	9.6	11.8	18.5	15.5	21	32.5	35.5
	Outdoor	kg	56	22.5	23.2	25.8	38	46.6	64				
Shipping Weight	Indoor	kg	16	8.2	7.9	10.2	11.6	14.6	22	17	24	36	39
	Outdoor	kg	58	25	26.5	28.2	41	49.6	72				
Technical Information													
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm				
	Gas	OD	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm				
Piping Length	Max	m	20	15	15	15	15	20	20				
Piping Height	Max	m	8	7	7	7	7	8	8				
Features													
Air Purification	S-Plasma ion												
	Auto Roof Shutter												
	Full HD Filter		60	60	60	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	2	3	3	3
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto		Manual	Manual	Manual
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Auto	Auto
	Natural Breeze		•	•	•	•	•	•	•				
Operating Mode	d'light Cool												
	good'sleep		•	•	•	•	•	•	•				
	Smart Saver		•	•	•	•	•	•	•			E.Saver	E.Saver
	Turbo		•	•	•	•	•	•	•				
	Dehumidification		•	•	•	•	•	•	•			•	•
	Auto Mode		•	•	•	•	•	•	•				
	Fan Mode		•	•	•	•	•	•	•	•	•	•	•
	Quiet		•	•	•	•	•	•	•				
Convenience	Filter Cleaning Indicatior												
	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	Rotary	Rotary	Rotary	Rotary	Rotary	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor												
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	21~43	21~43	21~43	21~43
	Heating	℃	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24			0~24	0~24

America

MODEL			K-series (Jungfrau-F)	K-series (Jungfrau-F)	K-series (Jungfrau-F)	Y-series (Jungfrau-P)	Y-series (Jungfrau-P)	Y-series (Jungfrau-P)	Y-series (Jungfrau-P)	Y-series (Jungfrau-P)	K-series (Jungfrau-F)	Y-series (Jungfrau-P)	Y-series (Jungfrau-P)	Vivace
Model Code			AQV09K*BANXAZ	AQV12K*BANXAZ	AQV18K*BANXAZ	AQV09Y*BAXAP	AQV12Y*BAXAP	AQV18Y*BAXAP	AQV09Y*BAXAZ	AQV12Y*BAXAZ	AQV18Y*BAXAZ	AQV12Y*BAXAX	AQV18Y*BAXAX	AQV12V*EKCV
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	9,000	12,000	17,060	9,000	12,000	18,000	12,000	17,060	11,942
		(min~max)	3378~11260	3378~13648	5459~20472	3378~10918	3378~13648	5459~20472	3378~10918	3378~13648	5459~20472	3378~13648	5459~20472	3337~10919
		cal/hr.	2,268	3,025	4,535	2,268	3,025	4,300	2,268	3,025	4,535	3,025	4,300	3,009
		(min~max)	850~2840	850~3870	1380~5160	850~2750	850~3870	1380~5160	850~2750	850~3870	1380~5160	850~3870	1380~5160	851~2751
		kW	2.6	3.5	5.3	2.6	3.5	5.0	2.6	3.5	5.3	3.5	5.0	3.5
		(min~max)	0.99~3.3	0.99~4.0	1.6~6.0	0.99~3.3	0.99~4.0	1.6~6.0	0.99~3.3	0.99~4.0	1.6~6.0	0.99~4.0	1.6~6.0	0.99~4.0
	Heating	Btu/hr.	10,900	13,600	20,400	10,900	13,600	20,472	10,900	13,600	20,400	13,600	20,472	13,649
		(min~max)	3378~20472	3378~23884	4094~25590	3378~16036	3310~18425	4094~25590	3378~16036	3310~18425	4094~25590	3310~18425	4094~25590	3378~13649
		cal/hr.	2,747	3,428	5,160	2,747	3,428	5,160	2,747	3,428	5,160	3,428	5,160	3,439
		(min~max)	850~5160	850~6020	1030~6450	850~4040	830~4640	1030~6450	850~4040	830~4640	1030~6450	830~4640	1030~6450	851~3439
		kW	3.2	4.0	6.0	3.2	4.0	6.0	3.2	4.0	6.0	4.0	6.0	4.0
		(min~max)	0.99~6.0	0.99~7.0	1.2~7.5	0.99~4.7	0.97~5.4	1.2~7.5	0.99~4.7	0.97~5.4	1.2~7.5	0.97~5.4	1.2~7.5	0.99~5.2
Energy Efficiency	Cooling	EER(Btu/W)	16.1	14.7	11.2	15.2	13.6	10.9	15.6	13.8	11.2	13.6	10.9	11.6
		EER(W/W)	4.73	4.31	3.29	4.45	3.99	3.20	4.57	4.04	3.29	3.99	3.20	3.40
	Heating	COP(W/W)	5.15	4.48	3.60	4.80	4.10	3.60	4.77	4.07	3.60	4.10	3.60	3.64
Moisture Removal		ℓ /hr.	0.8	1.3	2.0	0.6	1.1	2.0	0.6	1.1	2.0	1.1	2.0	1.4
Air Circulation (Max)		m³/min	9.6	10.1	14.4	10.3	11.0	14.4	10.3	11.0	14.4	11.0	14.4	9.0
Noise Level	Indoor High/Low	dB	39/20	41/20	43/26	39/21	41/21	43/26	39/21	41/21	43/26	41/21	43/26	35 / 21
	Outdoor High	dB	45	45	50	45	45	50	45	45	50	45	50	45
Electrical Data														
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	558	816	1603	520	850	1560	577	871	1603	850	1560	1030
	Heating	W	620	890	1660	670	980	1660	670	980	1660	980	1660	1100
Operating Current	Cooling	A	2.7	4.0	7.8	2.5	4.1	7.5	2.8	4.3	7.8	3.9	7.1	4.8
	Heating	A	3.0	4.3	7.9	3.2	4.7	7.9	3.2	4.7	7.9	4.5	7.7	5.2
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	825*285*189
	Outdoor	mm	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*548*285
Net Weight	Indoor	kg	11.5	11.5	11.5	10.5	10.5	11.2	10.5	10.5	11.2	10.5	11.2	9
	Outdoor	kg	35.5	35.5	37.7	31.2	31.2	37.7	31.2	31.2	37.7	31.2	37.7	33.8
Shipping Weight	Indoor	kg	14.1	14.1	14.2	13	13	13.8	13	13	13.8	13	13.8	11
	Outdoor	kg	38.6	38.6	40.8	34.3	34.3	40.8	34.3	34.3	40.8	34.3	40.8	37
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø9.52mm	ø12.7mm	ø9.52mm	ø9.52mm	ø12.7mm	ø9.52mm	ø9.52mm	ø12.7mm	ø9.52mm	ø12.7mm	ø9.52mm
Piping Length	Max	m	15	15	30	15	15	30	15	15	30	15	30	15
Piping Height	Max	m	8	8	15	8	8	15	8	8	15	8	15	8
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter													
	Full HD Filter		90	90	90	90	90	90	90	90	90	90	90	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Manual
	Natural Breeze		•	•	•	•	•	•	•	•	•	•	•	•
Operating Mode	d'light Cool		•	•	•	•	•	•	•	•	•	•	•	
	good'sleep		•	•	•	•	•	•	•	•	•	•	•	•
	Smart Saver		•	•	•	•	•	•	•	•	•	•	•	•
	Turbo		•	•	•	•	•	•	•	•	•	•	•	•
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Mode		•	•	•	•	•	•	•	•	•	•	•	•
	Fan Mode		•	•	•	•	•	•	•	•	•	•	•	•
	Quiet		•	•	•	•	•	•	•	•	•	•	•	•
Convenience	Filter Cleaning Indicatior													
	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	BLDC	Twin BLDC	BLDC	BLDC	Twin BLDC	BLDC	Twin BLDC	BLDC
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~43
	Heating	℃	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24

America

MODEL			Vivace	Vivace	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)
Model Code			AQV18V*EKCV	AQV24V*EKCV	ASV09P*BAXAP	ASV12P*BAXAP	ASV18P*BAXAP	ASV24P*BAXAP	ASV09P*BAXAX	AQV12P*BAXAX	ASV12P*BAXAX	AQV18P*BAXAX	ASV18P*BAXAX	AQV24P*BAXAX
AC Type			INV. HP	INV. HP	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. HP	INV. CO	INV. HP	INV. CO	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	17,061	23,203	8,500	11,300	17,060	23,202	8,500	11,300	11,300	17,060	17,060	23,202
		(min~max)	5459~20473	7507~27297	2259~10918	2559~12966	5459~20472	7506~27296	2259~10918	2559~12966	2559~12966	5459~20472	5459~20472	7506~27296
		cal/hr.	4,299	5,847	2,150	2,838	4,300	5,848	2,150	2,838	2,838	4,300	4,300	5,848
		(min~max)	1376~5159	1892~6879	650~2750	650~3270	1380~5160	1890~6880	650~2750	650~3270	650~3270	1380~5160	1380~5160	1890~6880
		kW	5.0	6.8	2.5	3.3	5.0	6.8	2.5	3.3	3.3	5	5	6.8
		(min~max)	1.6~6.0	2.2~8.0	0.75~3.2	0.75~3.8	1.6~6.0	2.2~8.0	0.75~3.2	0.75~3.8	0.75~3.8	1.6~6.0	1.6~6.0	2.2~8.0
	Heating	Btu/hr.	20,473	27,297						13,600		20,472		26,614
		(min~max)	4095~25591	6483~32415						3241~16378		4094~25590		6483~34120
		cal/hr.	5,159	6,879						3,440		5,160		6,708
		(min~max)	1032~6449	1634~8169						820~4130		1030~6450		1630~8600
		kW	6.0	8.0						4.0		6.0		7.8
		(min~max)	1.2~7.5	1.9~9.5						0.95~4.8		1.2~7.5		1.9~10.0
Energy Efficiency	Cooling	EER(Btu/W)	11.6	10.3	12.3	11.6	10.9	11.0	12.3	11.0	11.6	11.0	12.3	10.3
		EER(W/W)	3.40	3.01	3.60	3.40	3.20	3.21	3.60	3.21	3.40	3.21	3.60	3.01
	Heating	COP(W/W)	3.61	2.81						3.61		3.61		2.81
Moisture Removal		ℓ /hr.	2.5	3.0	1.0	1.1	2.0	3.1	1.0	1.1	1.1	2.0	2.0	3.1
Air Circulation (Max)		m³/min	13.0	15.0	8.6	9.9	14.4	17.1	8.6	9.9	9.9	13.8	13.8	17.1
Noise Level	Indoor High/Low	dB	40/30	41 / 30	36/21	38/21	43/26	41/30	36/21	38/21	38/21	40/30	40/30	41/30
	Outdoor High	dB	53	55	45	45	50	55	45	45	45	53	53	55
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	1470	2260	735	1028	1047	2120	735	1028	1028	1047	1047	2120
	Heating	W	1660	2850						1108		1660		2160
Operating Current	Cooling	A	6.8	10.6	3.8	4.8	6.8	9.5	3.8	4.8	4.8	6.8	6.8	9.5
	Heating	A	7.7	13						5.2		7.7		10
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*218	1065*298*218	820*285*205	820*285*205	1065*298*230	1065*298*230	820*285*205	820*285*205	820*285*205	1065*298*230	1065*298*230	1065*298*230
	Outdoor	mm	880*638*310	880*638*310	720*548*265	720*548*265	790*545*285	880*798*310	720*548*265	720*548*265	720*548*265	790*545*285	790*545*285	880*798*310
Net Weight	Indoor	kg	13	13	8.8	8.8	13	13	8.8	8.8	8.8	13	13	13
	Outdoor	kg	46	51	28	28	36	59.2	28	28	28	36	36	59.2
Shipping Weight	Indoor	kg	16	16	10.8	10.8	16	16	10.8	10.8	10.8	16	16	16
	Outdoor	kg	50	53	35	35	39	62	35	36	35	40	39	64.8
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm
Piping Length	Max	m	30	30	15	15	30	30	15	15	15	30	30	30
Piping Height	Max	m	15	15	8	8	15	15	8	8	8	15	15	15
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter													
	Full HD Filter		60	60	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	BLDC	BLDC	Twin BLDC	Twin BLDC	BLDC	BLDC	BLDC	Twin BLDC	Twin BLDC	Twin BLDC
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor						•	•					•	
Low Ambient	Cooling	℃	-10~46	-10~43	16~43	16~43	-10~43	-10~43	16~43	16~43	16~43	-10~43	-10~43	-10~43
	Heating	℃	-15~24	-15~24						-10~24		-15~24		-15~24

America

MODEL			P-series (Maldives)	Neo Forte	Neo Forte	Neo Forte
Model Code			ASV24P*BAXAX	AQV09N*DKCV	AQV12N*DKCV	AQV18N*DKCV
AC Type			INV. CO	INV. HP	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A
Performance						
Capacity	Cooling	Btu/hr.	23,202	8,530	11,942	17,061
		(min~max)	7506~27296	3378~10919	3378~13649	5459~20473
		cal/hr.	5,848	2,150	3,009	4,299
		(min~max)	1890~6880	851~2752	851~3439	1376~5159
		kW	6.8	2.5	3.5	5.0
		(min~max)	2.2~8.0	0.99~3.2	0.99~4.0	1.6~6.0
	Heating	Btu/hr.		11,942	13,649	20,473
		(min~max)		3378~15355	3378~17743	4095~27297
		cal/hr.		3,009	3,439	5,159
		(min~max)		851~3869	851~4471	1032~6879
		kW		3.5	4.0	6.0
		(min~max)		0.99~4.5	0.99~5.2	1.2~8.0
Energy Efficiency	Cooling	EER(Btu/W)	11.0	13.9	11.3	11.6
		EER(W/W)	3.21	4.08	3.30	3.41
	Heating	COP(W/W)		3.80	3.61	3.61
Moisture Removal		ℓ /hr.	3.1	1.0	1.4	2.5
Air Circulation (Max)		m³/min	17.1	7.0	8.0	13.0
Noise Level	Indoor High/Low	dB	41/30	31 / 22	36 / 22	40/30
	Outdoor High	dB	55	45	45	53
Electrical Data						
Power Source		V/Hz/ø	220/60/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	2120	613	1060	1470
	Heating	W		960	1108	1660
Operating Current	Cooling	A	9.5	3	4.9	6.8
	Heating	A		4.5	5.3	7.7
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	1065*298*230	825*285*189	825*285*189	1065*298*218
	Outdoor	mm	880*798*310	790*548*285	790*548*285	880*638*310
Net Weight	Indoor	kg	13	8.4	8.4	13
	Outdoor	kg	59.2	39	39	46
Shipping Weight	Indoor	kg	16	10.6	10.6	16
	Outdoor	kg	62	43	43	49.5
Technical Information						
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø9.52mm	ø9.52mm	ø12.7mm
Piping Length	Max	m	30	15	15	30
Piping Height	Max	m	15	7	7	15
Features						
Air Purification	S-Plasma ion		•			
	Auto Roof Shutter					
	Full HD Filter		80	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 Indicatior					
	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	BLDC	BLDC	Twin BLDC
	Anti-corrosion Fin		•	•	•	•
	Multi-channel Condensor		•			
Low Ambient	Cooling	℃	-10~43	-10~43	-10~43	-10~46
	Heating	℃		-15~24	-15~24	-15~24

Neo Forte	WW3	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal
AQV24N*DKCV	AQV36JANKCV	AS09E*BEXAP	AS12E*BEXAP	AS18E*BEXAP	AS24E*BEXAP	AS09E*BTNXAZ	AQ09E*BTNXAZ
INV. HP	INV. HP	CO	CO	CO	CO	CO	HP
R410A	R410A	R22	R22	R22	R22	R22	R22
23,203	33,000	9,300	12,000	17,850	24,000	9000	9000
7507~27297	9000~38000						
5,847	8,316	2,344	3,024	4,498	6,048	2,268	2,268
1892~6879	2268~9576						
6.8	9.7	2.7	3.5	5.2	7.0	2.6	2.6
2.2~8.0	2.64~11.14						
27,297	34,000						9000
6483~32415	9000~45000						
6,879	8,568						2,268
1634~8169	2268~11340						
8.0	10.0						2.6
1.9~9.5	2.64~13.19						
10.3	11.0	10.2	10.0	9.8	9.8	11.0	11.0
3.01	3.21	2.99	2.93	2.86	2.88	3.22	3.22
2.81	3.11						3.22
3.0	4.9	1.0	1.2	1.8	2.4	1.0	1.0
15.0	25.0	7.5	10	13	17	7.5	7.5
41 / 30	46/33	32/24	35/26	40/31	42/33	32/24	32/24
55	58	48	50	52	54	48	48
220~240/50/1	208~230/60	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
2260	3000	910	1200	1830	2440	820	820
2850	3200						820
10.6	13	4.3	5.8	8.5	11.5	4	4
13	14.5						4
1065*298*218	1279*345*229	820*285*190	820*285*190	890*285*190	1065*298*222	820*285*190	820*285*190
880*638*310	930*1135*375	660*470*240	660*470*240	720*548*265	790*548*285	660*470*240	660*470*240
13	20	8	8.4	9.2	12.6	7.8	7.8
56	68	23.2	25	32.2	39.8	23.5	24
16	23	9.4	10.4	11.4	14.7	9.7	9.7
58	74	25.8	27	36.4	43.8	26.5	27
ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
ø15.88mm	ø15.8mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm
30	50	15	15	15	20	15	15
15	30	7	7	8	8	7	7
						•	•
60	60	80	80	80	80	80	80
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
4	4	4	4	4	4	4	4
Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
		•	•	•	•	•	•
•	•	•	•	•	•	•	•
		•	•	•	•	•	•
		•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•						•
Twin BLDC	Twin BLDC	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
•	•	•	•	•	•	•	•
-10~43	-10~43	15~43	15~43	15~43	15~43	15~43	15~43
-15~24	-15~24						-5~24

America

MODEL			Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)
Model Code			AS12E*BTNXAZ	AQ12E*BTNXAZ	AS18E*BTNXAZ	AQ18E*BTNXAZ	AS24E*BTNXAZ	AQ24E*BTNXAZ	AS09T*AAXAX	AS12T*AAXAX	AS12T*BAXAX	AQ12T*AAXAX	AQ12T*BAXAX	AS18T*BAXAX
AC Type			CO	HP	CO	HP	CO	HP	CO	CO	CO	HP	HP	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	12,000	12,000	18,000	18,000	24,000	24,000	9,000	12,000	12,000	12,000	12,000	17,850
		(min~max)												
		cal/hr.	3,024	3,024	4,536	4,536	6,048	6,048	2,268	3,024	3,024	3,024	3,024	4,498
		(min~max)												
		kW	3.5	3.5	5.3	5.3	7.0	7.0	2.6	3.5	3.5	3.5	3.5	5.2
		(min~max)												
	Heating	Btu/hr.		12,000		18,000		24,000				13,000	13,000	
		(min~max)												
		cal/hr.		3,024		4,536		6,048				3,276	3,276	
		(min~max)												
		kW		3.5		5.3		7.0				3.8	3.8	
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	11.0	11.0	10.3	10.3	10.3	10.3	9.7	10.0	10.0	10.4	9.5	9.8
		EER(W/W)	3.21	3.21	3.01	3.01	3.02	3.02	2.84	2.93	2.93	3.06	2.79	2.86
	Heating	COP(W/W)		3.21		3.01		3.02				3.40	3.28	
Moisture Removal		ℓ /hr.	1.2	1.2	1.8	1.8	2.4	2.4	1.0	1.2	1.2	1.2	1.2	1.8
Air Circulation (Max)		m³/min	10	10	13	13	17	17	7.5	10	10	10	10	13
Noise Level	Indoor High/Low	dB	35/26	35/26	40/31	40/31	42/33	42/33	32/24	35/26	35/26	35/26	35/26	40/31
	Outdoor High	dB	50	50	52	52	54	54	48	50	50	50	50	52
Electrical Data														
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	115/60/1	115/60/1	220/60/1	115/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	1095	1095	1750	1750	2330	2330	930	1200	1200	1150	1260	1830
	Heating	W		1095		1750		2330				1120	1160	
Operating Current	Cooling	A	5.2	5.2	8.5	8.5	11.5	11.5	8.4	11.2	5.8	10.5	5.8	8.5
	Heating	A		5.2		8.5		11.5				10.5	5	
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*285*190	820*285*190	890*285*190	890*285*190	1065*298*222	1065*298*222	728*255*190	820*285*210	820*285*210	820*285*210	820*285*210	890*285*210
	Outdoor	mm	720*548*265	720*548*265	790*548*285	790*548*285	880*638*310	880*638*310	660*470*240	660*470*240	660*470*240	720*548*265	660*470*240	720*548*265
Net Weight	Indoor	kg	8.4	8.4	9.9	9.9	13	13	6.6	8.4	8.4	8.3	8.4	9.2
	Outdoor	kg	30.5	31	39	39	56	56	22	24	24	30	24	32.2
Shipping Weight	Indoor	kg	10.3	10.3	12.1	12.1	16	16	8.2	10.4	10.4	10.2	10.2	11.4
	Outdoor	kg	34.5	35	43	43	58	58	24.4	26.8	27	33	27	36.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	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	ø15.88mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	15	15	15	20	20	15	15	15	15	15	15
Piping Height	Max	m	7	7	8	8	8	8	7	7	7	7	7	8
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•						
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃		-5~24		-5~24		-5~24				-5~24	-5~24	

America

MODEL			T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)
Model Code			AQ18T*BAXAX	AS24T*BAXAX	AQ24T*BAXAX	AS09T*EAXCH	AQ09T*EAXCH	AS12T*EAXCH	AQ12T*EAXCH	AS18T*EAXCH	AQ18T*EAXCH	AS24T*EAXCH	AQ24T*EAXCH	AS09T*AAXAP
AC Type			HP	CO	HP	CO	HP	CO	HP	CO	HP	CO	HP	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	18,000	24,000	23,300	9,000	9,000	12,000	12,000	18,000	18,000	24,000	23,200	9,000
		(min~max)												
		cal/hr.	4,536	6,048	5,872	2,268	2,268	3,024	3,024	4,536	4,536	6,048	5,847	2,268
		(min~max)												
		kW	5.3	7.0	6.8	2.6	2.6	3.5	3.5	5.3	5.3	7.0	6.8	2.6
		(min~max)												
	Heating	Btu/hr.	19,500		24,500		9,800		13,000		19,500		24,500	
		(min~max)												
		cal/hr.	4,914		6,174		2,470		3,276		4,914		6,174	
		(min~max)												
		kW	5.7		7.2		2.9		3.8		5.7		7.2	
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.8	9.8	9.0	9.0	9.7	9.5	9.5	9.5	9.6	9.3	9.7
		EER(W/W)	2.78	2.88	2.87	2.64	2.65	2.84	2.79	2.78	2.78	2.81	2.72	2.84
	Heating	COP(W/W)	3.01		3.00		2.93		3.28		3.01		2.71	
Moisture Removal		ℓ /hr.	1.8	2.4	2.4	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.0
Air Circulation (Max)		m³/min	13	17	17	7.5	7.5	10	10	10	10	10	10	7.5
Noise Level	Indoor High/Low	dB	40/31	42/33	42/33	32/24	32/24	35/26	35/26	40/31	40/31	42/33	42/33	32/24
	Outdoor High	dB	52	54	54	48	48	50	50	52	52	54	54	48
Electrical Data														
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	115/60/1
Power Consumption	Cooling	W	1900	2440	2380	1000	995	1240	1260	1900	1900	2500	2500	930
	Heating	W	1900		2390		980		1160		1900		2650	
Operating Current	Cooling	A	8.5	11.5	11.5	4.6	4.6	5.8	5.8	9	9	12	12	8.4
	Heating	A	8.5		11.5		4.2		5.3		9		12.5	
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	890*285*210	1065*298*225	1065*298*225	728*255*190	728*255*190	820°ø285°ø190	820°ø285°ø190	890*285*210	890*285*210	1065*298*225	1065*298*225	728*255*190
	Outdoor	mm	790*548*285	790*548*285	880*638*310	660*470*240	660*470*240	660*470*240	660*470*240	720*548*265	790*548*285	790*548*285	790*548*285	660*470*240
Net Weight	Indoor	kg	9.2	12.6	11.8	6.4	6.4	8.4	8.4	9	9.6	11.4	11.8	6.6
	Outdoor	kg	32.2	39.8	49.4	22	23.2	24.8	25.8	35	38	39.6	46.6	22
Shipping Weight	Indoor	kg	11.4	14.7	14.6	7.9	7.9	10	10.2	12	11.6	14	14.6	8.2
	Outdoor	kg	36.4	43.8	54.2	24.5	26.5	27.2	28.2	39	41	43.6	49.6	24.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm
Piping Length	Max	m	15	20	20	15	15	15	15	15	15	20	20	15
Piping Height	Max	m	8	8	8	7	7	7	7	8	8	8	8	7
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24		-5~24		-5~24		-5~24		-5~24		-5~24	

America

MODEL			T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	Max	Max	Max
Model Code			AS09T*BAXAP	AS12T*AAXAP	AS12T*BAXAP	AS18T*BAXAP	AS24T*BAXAP	AS09T*BAXVN	AS12T*BAXVN	AS18T*BAXVN	AS24T*BAXVN	AS09U*AEXAX	AQ12U*AEXAX	AQ12U*BEXAX
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	HP	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	9,000	12,000	12,000	17,850	24,000	9,000	12,000	17,850	24,000	9,000	12,000	12,000
		(min~max)												
		cal/hr.	2,268	3,024	3,024	4,498	6,048	2,268	3,024	4,498	6,048	2,268	3,024	3,024
		(min~max)												
		kW	2.6	3.5	3.5	5.2	7.0	2.6	3.5	5.2	7.0	2.6	3.5	3.5
		(min~max)												
	Heating	Btu/hr.											13,000	13,000
		(min~max)												
		cal/hr.											3,276	3,276
		(min~max)												
		kW											3.8	3.8
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	10.0	10.0	10.0	9.8	9.8	10.0	10.0	9.8	9.8	9.7	10.4	9.5
		EER(W/W)	2.93	2.93	2.93	2.86	2.88	2.93	2.93	2.86	2.88	2.84	3.06	2.79
	Heating	COP(W/W)											3.40	3.28
Moisture Removal		ℓ /hr.	1.0	1.2	1.2	1.8	2.4	1.0	1.2	1.8	2.4	1.0	1.2	1.2
Air Circulation (Max)		m³/min	7.5	10	10	13	17	7.5	10	13	17	7.5	10	10
Noise Level	Indoor High/Low	dB	32/24	35/26	35/26	40/31	42/33	32/24	35/26	40/31	42/33	32/24	35/26	35/26
	Outdoor High	dB	48	50	50	52	54	48	50	52	54	48	50	50
Electrical Data														
Power Source		V/Hz/ø	220/60/1	115/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	115/60/1	115/60/1	220/60/1
Power Consumption	Cooling	W	900	1200	1200	1830	2440	900	1200	1830	2440	930	1150	1260
	Heating	W											1120	1160
Operating Current	Cooling	A	4.2	11.2	5.8	8.5	11.5	4.2	5.8	8.5	11.5	8.4	10.5	5.8
	Heating	A											10.5	5
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	728*255*190	820*285*210	820*285*210	890*285*210	1065*298*225	728*255*190	820*285*210	890*285*210	1065*298*225	728*255*190	820*285*190	820*285*190
	Outdoor	mm	660*470*240	660*470*240	660*470*240	720*548*265	790*548*285	660*470*240	660*470*240	720*548*265	790*548*285	660*470*240	720*548*265	660*470*240
Net Weight	Indoor	kg	6.8	8.4	8.4	9.2	12.6	6.8	8.4	9	12.6	6.6	8.3	8.4
	Outdoor	kg	23	24	25	32.2	39.8	23	24	35	39.8	22	30	24
Shipping Weight	Indoor	kg	7.8	10.4	10.2	11.4	14.7	7.8	10.2	12	14.7	8.2	10.2	10.2
	Outdoor	kg	25.8	26.8	27	36.4	43.8	25.8	27	39	43.8	24.4	33	27
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	15	15	15	20	15	15	15	20	15	15	15
Piping Height	Max	m	7	7	7	8	8	7	7	8	8	7	7	7
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃											-5~24	-5~24

America

MODEL			Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max
Model Code			AS12U*AEXAX	AS12U*BEXAX	AQ18U*BEXAX	AS18U*BEXAX	AS24U*BEXAX	AQ24U*BEXAX	AS09U*TNXAZ	AQ09U*TNXAZ	AS12U*TNXAZ	AQ12U*TNXAZ	AS18U*TNXAZ	AQ18U*TNXAZ
AC Type			CO	CO	HP	CO	CO	HP	CO	HP	CO	HP	CO	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	12,000	12,000	18,000	17,850	24,000	23,300	9000	9000	12,000	12,000	18,000	18,000
		(min~max)												
		cal/hr.	3,024	3,024	4,536	4,498	6,048	5,872	2,268	2,268	3,024	3,024	4,536	4,536
		(min~max)												
		kW	3.5	3.5	5.3	5.2	7.0	6.8	2.6	2.6	3.5	3.5	5.3	5.3
		(min~max)												
	Heating	Btu/hr.			19,500			24,500		9000		12,000		18,000
		(min~max)												
		cal/hr.			4,914			6,174		2,268		3,024		4,536
		(min~max)												
		kW			5.7			7.2		2.6		3.5		5.3
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	10.0	10.0	9.5	9.8	9.8	9.8	11.0	11.0	11.0	11.0	10.3	10.3
		EER(W/W)	2.93	2.93	2.78	2.86	2.88	2.87	3.22	3.22	3.21	3.21	3.01	3.01
	Heating	COP(W/W)			3.01			3.00		3.22		3.21		3.01
Moisture Removal		ℓ /hr.	1.2	1.2	1.8	1.8	2.4	2.4	1.0	1.0	1.2	1.2	1.8	1.8
Air Circulation (Max)		m³/min	10	10	13	13	17	17	7.5	7.5	10	10	13	13
Noise Level	Indoor High/Low	dB	35/26	35/26	40/31	40/31	42/33	42/33	32/24	32/24	35/26	35/26	40/31	40/31
	Outdoor High	dB	50	50	52	52	54	54	48	48	50	50	52	52
Electrical Data														
Power Source		V/Hz/ø	115/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	1200	1200	1900	1830	2440	2380	820	820	1095	1095	1750	1750
	Heating	W			1900			2390		820		1095		1750
Operating Current	Cooling	A	11.2	5.8	8.5	8.5	11.5	11.5	4	4	5.2	5.2	8.5	8.5
	Heating	A			8.5			11.5		4		5.2		8.5
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*285*190	820*285*190	890*285*190	890*285*190	1065*298*222	1065*298*225	820*285*190	820*285*190	820*285*190	820*285*190	890*285*190	890*285*190
	Outdoor	mm	660*470*240	660*470*240	790*548*285	720*548*265	790*548*285	880*638*310	660*470*240	660*470*240	720*548*265	720*548*265	790*548*285	790*548*285
Net Weight	Indoor	kg	8.4	8.4	9.2	9.2	12.6	11.8	7.8	7.8	8.4	8.4	9.9	9.9
	Outdoor	kg	24	24	32.2	32.2	39.8	49.4	23.5	24	30.5	31	39	39
Shipping Weight	Indoor	kg	10.4	10.4	11.4	11.4	14.7	14.6	9.7	9.7	10.3	10.3	12.1	12.1
	Outdoor	kg	26.8	27	36.4	36.4	43.8	54.2	26.5	27	34.5	35	43	43
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	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	ø15.88mm	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	15	15	15	20	20	15	15	15	15	15	15
Piping Height	Max	m	7	7	8	8	8	8	7	7	7	7	8	8
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃			-5~24			-5~24		-5~24		-5~24		-5~24

America

MODEL			Max	Max	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC
Model Code			AS24U*TNXAZ	AQ24U*TNXAZ	AW05N0AGXAX	AW08NHAGXAX	AW12PKAGXAX	AW12PKBGXAX	AW18PKBGXAX	AW24PKBCXAX	AW05N0AFXAP	AW08N0AFXAP	AW05N0AGXVN	AW08N0AGXVN
AC Type			CO	HP	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	24,000	24,000	5,050	8,000	12,000	12,000	18,000	24,000	5,000	8,000	5,050	8,000
		(min~max)												
		cal/hr.	6,048	6,048	1,273	2,016	3,024	3,024	4,536	6,048	1,260	2,016	1,273	2,016
		(min~max)												
		kW	7.0	7.0	1.48	2.34	3.52	3.52	5.28	7.03	1.47	2.34	1.48	2.34
		(min~max)												
	Heating	Btu/hr.		24,000										
		(min~max)												
		cal/hr.		6,048										
		(min~max)												
		kW		7.0										
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	10.3	10.3	9.7	9.8	9.8	9.8	9.7	8.5	8.9	9.8	9.7	9.8
		EER(W/W)	3.02	3.02	2.84	2.87	2.87	2.87	2.84	2.49	2.61	2.87	2.84	2.87
	Heating	COP(W/W)		3.02										
Moisture Removal		ℓ /hr.	2.4	2.4	0.55	0.92	1.3	1.35	2.1	2.6	0.5	0.92	0.55	0.92
Air Circulation (Max)		m³/min	17	17	3.5	5.5	8.4	8.16	12.9	13.4	3.3	5.5	3.5	5.5
Noise Level	Indoor High/Low	dB	42/33	42/33	52	57	55	55	61	64	53	57	53	57
	Outdoor High	dB	54	54	57	59	63	63	64	67	57	59	57	59
Electrical Data														
Power Source		V/Hz/ø	220/60/1	220/60/1	115/60/1	115/60/1	115/60/1	220/60/1	220/60/1	220/60/1	115/60/1	115/60/1	115/60/1	115/60/1
Power Consumption	Cooling	W	2330	2330	520	820	1230	1230	1850	2820	560	820	520	820
	Heating	W		2330										
Operating Current	Cooling	A	11.5	11.5	4.7	7.4	11.2	5.5	8.3	12.5	5.0	7.4	4.7	7.4
	Heating	A		11.5										
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	1065*298*222	435*283*326	490*320*460	530*384*550	530*384*550	620*425*640	620*425*640	435*283*326	490*320*460	435*283*326	490*320*460
	Outdoor	mm	880*638*310	880*638*310										
Net Weight	Indoor	kg	13	13	16.2	22.3	28	28	49.1	52.5	16.2	22.3	16.2	22.3
	Outdoor	kg	56	56										
Shipping Weight	Indoor	kg	16	16	17.4	24.2	31.5	31.5	53.6	57.1	17.4	24.2	17.4	24.2
	Outdoor	kg	58	58										
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm										
	Gas	OD	ø15.88mm	ø15.88mm										
Piping Length	Max	m	20	20										
Piping Height	Max	m	8	8										
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	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	2	3	3	3	3	3	2	3	2	3
	Air Direction (Up/Down)		Auto	Auto		Manual	Manual	Manual	Manual	Manual		Manual		Manual
	Air Direction (Left/Right)		Manual	Manual	Manual	Auto	Auto	Auto	Auto	Auto	Manual	Manual	Manual	Manual
	Natural Breeze		•	•										
Operating Mode	d'light Cool													
	good'sleep		•	•		•	•	•	•	•				
	Smart Saver		•	•		•	•	•	•	E.Saver				
	Turbo		•	•										
	Dehumidification		•	•		•	•	•	•	•				
	Auto Mode		•	•										
	Fan Mode		•	•	•	•	•	•	•	•	•	•	•	•
	Quiet		•	•										
Convenience	Filter Cleaning Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃		-5~24										

America

MODEL			WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC
Model Code			AW08NHAGXVN	AW12PKAGXVN	AW12PKBGXVN	AW12P1AGXVN	AW12P1BGXVN	AW18P1BGXVN	AW18PHBGXVN	AW24P1BCXVN	AW24PHBCXVN
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.	8,000	12,000	12,000	12,000	12,000	18,000	18,000	24,000	24,000
		(min~max)									
		cal/hr.	2,016	3,024	3,024	3,024	3,024	4,536	4,536	6,048	6,048
		(min~max)									
		kW	2.34	3.52	3.52	3.52	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	9.8	9.8	9.8	9.8	9.7	9.7	8.5	8.5
		EER(W/W)	2.87	2.87	2.87	2.87	2.87	2.84	2.84	2.49	2.49
	Heating	COP(W/W)									
Moisture Removal		ℓ /hr.	0.92	1.3	1.35	1.3	1.35	2.1	2.1	2.6	2.6
Air Circulation (Max)		m³/min	5.5	8.4	8.16	8.4	8.16	12.9	12.9	13.4	13.4
Noise Level	Indoor High/Low	dB	57	55	55	55	55	61	61	64	64
	Outdoor High	dB	59	63	63	63	63	64	64	67	67
Electrical Data											
Power Source		V/Hz/ø	115/60/1	115/60/1	220/60/1	115/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	820	1230	1230	1230	1230	1850	1850	2820	2820
	Heating	W									
Operating Current	Cooling	A	7.4	11.2	5.5	11.2	5.5	8.3	8.3	12.5	12.5
	Heating	A									
Dimension & Loading Q'ty											
Net Dimension (WxHxD)	Indoor	mm	490*320*460	530*384*550	530*384*550	530*384*550	530*384*550	620*425*640	620*425*640	620*425*640	620*425*640
	Outdoor	mm									
Net Weight	Indoor	kg	22.3	28	28	28	28	49.1	49.1	52.5	52.5
	Outdoor	kg									
Shipping Weight	Indoor	kg	24.2	31.5	31.5	31.5	31.5	53.6	53.6	57.1	57.1
	Outdoor	kg									
Technical Information							135/300/360	96/204/255	96/204/255	96/204/255	96/204/255
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	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	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Natural Breeze										
Operating Mode	d'light Cool										
	good'sleep		•	•	•				•		•
	Smart Saver		•	•	•				•		E.Saver
	Turbo										
	Dehumidification		•	•	•				•		•
	Auto Mode										
	Fan Mode		•	•	•	•	•	•	•	•	•
	Quiet										
Convenience	Filter Cleaning Indicatior										
	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	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•
	Multi-channel Condensor										
Low Ambient	Cooling	℃	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃									

South-East Aisa

MODEL			Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal
Model Code			ASV10E*QNXST	ASV13E*QNXST	ASV18E*QNXST	ASV24E*QNXST	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	INV. CO	INV. CO	INV. CO	INV. CO
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	8,500	10,900	17,100	20,500	8,530	11,021	17,743	20,473	9,724	12,829	18,084	22,178
		(min~max)	2,900~10,918	3,310~13,648	4,094~21,154	5,800~28,100	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.	2,141	2,787	4,277	5,159	2,150	2,777	4,471	5,159	2,451	3,233	4,557	5,589
		(min~max)	731~2,752	834~3,439	1,032~5,331	1,461~7,094	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	5.0	6.0	2.5	3.2	5.2	6.0	2.85	3.8	5.3	6.5
		(min~max)	0.85~3.2	0.97~4.0	1.2~6.2	1.7~8.25	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)	13.3	11.5	12.3	11.5	13.4	12.5	12.4	12.6	13.7	12.7	12.9	12.0
		EER(W/W)	3.91	3.37	3.60	3.37	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	1.0	1.4	2.5	3.0
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0	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	36/22	38/23	45/32	45/32
	Outdoor High	dB	47	47	55	57	47	47	55	57	47	47	55	57
Electrical Data														
Power Source		V/Hz/ø	220/50/1	220/50/1	220/50/1	220/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	640	950	1390	1780	635	880	1430	1630	710	1010	1400	1840
	Heating	W			-	-								
Operating Current	Cooling	A	3.4	4.5	6.9	8.5	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	820x285x190	820x285x190	1065x298x222	1065x298x222	820x285x190	820x285x190	1065x298x222	1065x298x222
	Outdoor	mm	720*548*265	720*548*265	790*548*285	880*310*638	720*548*265	720*548*265	790*545*285	880*798*310	720*548*265	720*548*265	880*638*310	880*638*310
Net Weight	Indoor	kg	7.9	7.9	13	13	7.5	7.9	13	13	7.9	7.9	13	13
	Outdoor	kg	26.7	26.7	32.8	45.2	31	33.8	46	59.2	31	31	46	52
Shipping Weight	Indoor	kg	9.5	9.5	16	16	9.1	9.5	16	16	9.1	9.5	16	16
	Outdoor	kg	29.4	29.4	36.3	48.9	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	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	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	15	30	30	15	15	30	30	15	15	30	30
Piping Height	Max	m	7	7	15	15	7	7	15	15	7	7	15	15
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Auto Roof Shutter				-	-								-
	Full HD Filter		80	80	80	80	80	80	80	80	80	80	80	80
	DNA Filter		•	•	•	•								-
	Deodorizing Filter		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Catechin Filter				-	-	•	•	•	•	•	•	•	°ₖ
	Allergy Care				-	-								-
	Anti-bacteria Coating		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Auto Clean		•	•	•	•	•	•	•	•	•	•	•	°ₖ
Air Flow	Wide Twin Blade				-	-								-
	Optimal Single Blade		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Fan speed(Steps)		4	4	4	4	4	4	4	4	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Natural Breeze		•	•	•	•	•	•	•	•	•	•	•	°ₖ
Operating Mode	d'light Cool				-	-								-
	good'sleep		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Smart Saver		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Turbo		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Auto Mode		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Fan Mode		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Quiet		•	•	•	•	•	•	•	•	•	•	•	°ₖ
Convenience	Filter Cleaning Indicatior				-	-								-
	Indoor Temp. Display		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Display On/Off		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Beep On/Off		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Real-time Timer				-	-								-
	24-Hour Timer		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Auto Changeover				-	-								-
Outdoor Unit	Compressor Type		BLDC	BLDC	Twin BLDC	Twin BLDC	BLDC	BLDC	Twin BLDC	Twin BLDC	BLDC	BLDC	Twin BLDC	Twin BLDC
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	°ₖ
	Multi-channel Condensor		•	•	•	•								-
Low Ambient	Cooling	℃	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46
	Heating	℃												

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MODEL			Crystal	Crystal	Crystal	Crystal	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)
Model Code			ASV10ESQNXTC	ASV13ESQNXTC	ASV18ESQNXTC	ASV24ESQNXTC	ASV10P*PNXEA	ASV13P*PNXEA	ASV18P*PNXEA	ASV24P*PNXEA	ASV10P*MNXST	ASV13P*MNXST	ASV18P*MNXST	ASV24P*MNXST
AC Type			INV. CO	INV. CO	INV. CO	INV. CO	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	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	9,042	11,021	17,743	20,472	9,724	12,829	18,084	22,178	9,000	11,300	17,200	28,100
		(min~max)	2,730-10,918	3,378-13,648	4,435-21,837	6.483-28,149	2,730~10,918	3,378~13,648	4,094~21,154	4,777~28,149	2,900~10,918	3,310~13,648	4,094~21,154	5,800~28,149
		cal/hr.	2,278	2,777	4,471	5,159	2,451	3,233	4,557	5,589	2,279	2,847	4,334	5,160
		(min~max)	688-2,752	851-3,439	1,117-5,503	1,633-7,094	688~2,752	851~3,439	1,032~5,331	1,204~7,094	731~2,752	834~3,439	1,032~5,331	1,461~7,094
		kW	2.65	3.2	5.2	6.0	2.85	3.8	5.3	6.5	2.65	3.31	5.04	6.00
		(min~max)	0.8-3.2	0.99-4.0	1.3-6.4	1.9-8.25	0.8~3.2	0.99~4.0	1.2~6.2	1.4~8.25	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)	13.1	13.1	12.9	12.4	13.3	12.7	12.5	12.0	12.1	11.6	11.9	11.5
		EER(W/W)	3.84	3.85	3.77	3.64	3.9	3.72	3.66	3.53	3.53	3.41	3.48	3.37
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	1.0	1.4	2.5	3.0	1.0	1.4	2.5	3.0	1.0	1.4	2.5	3.0
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0	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	36/21	37/21	41/30	42/30	36/21	37/21	41/30	42/30
	Outdoor High	dB	47	47	55	57	45	46	53	55	45	46	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	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220/50/1	220/50/1	220/50/1	220/50/1
Power Consumption	Cooling	W	690	840	1450	1840	730	1010	1450	1840	750	970	1450	1780
	Heating	W												
Operating Current	Cooling	A	3.2	4	6.3	7.3	3.4	4.8	7.2	8.5	3.4	4.3	7.2	8.5
	Heating	A												
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820x285x190	820x285x190	1065x298x222	1065x298x222	820*285*205	820*285*205	1065*298*230	1065*298*230	820*285*205	820*285*205	1065*298*230	1065*298*230
	Outdoor	mm	720*548*265	720*548*265	880*638*310	880*638*310	720*548*265	720*548*265	790*548*285	880*310*638	720*548*265	720*548*265	790*548*285	880*638*310
Net Weight	Indoor	kg	7.5	7.9	13	13	8.2	8.4	12	12	8.4	8.4	12	15
	Outdoor	kg	31	31	46	52	25.2	26.7	32.8	42	26.7	26.7	32.8	45.2
Shipping Weight	Indoor	kg	9.1	9.5	16	16	9.8	10	14.4	14.4	10	10	14.4	14
	Outdoor	kg	34	34	49.5	55.6	28	29.5	36.3	47.1	29.4	29.4	36.3	48.9
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	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	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	15	15	30	30	15	15	30	30	15	15	30	30
Piping Height	Max	m	7	7	15	15	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	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	BLDC	BLDC	Twin BLDC	Twin BLDC
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor								•	•	•	•	•	•
Low Ambient	Cooling	℃	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46
	Heating	℃												

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MODEL			P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	Max	Max	Max	Max	Max	Max	Max	Max
Model Code			ASV10P*LNXTC	ASV13P*LNXTC	ASV18P*LNXTC	ASV24P*LNXTC	ASV09U*LNXSA	ASV09U*MNXSA	ASV12U*LNXSA	ASV12U*MNXSA	ASV24U*LNXSA	ASV24U*MNXSA	AQV09U*ANXSA	AQV12U*ANXSA
AC Type			INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	9,724	12,829	18,084	22,178	8,530	8,530	11,942	11,942	24,226	24,226	8,530	11,942
		(min~max)	2,730~10,918	3,378~13,648	4,094~21,154	4,777~28,149	2900~10919	2900~10919	3301~13649	3301~13649	5459~27809	5459~27809	3378~10919	3378~13649
		cal/hr.	2,451	3,233	4,557	5,589	2,150	2,150	3,009	3,009	6,105	6,105	2,150	3,009
		(min~max)	688~2,752	851~3,439	1,032~5,331	1,204~7,094	731~2752	731~2752	834~3439	834~3439	1376~7008	1376~7008	851~2752	851~3439
		kW	2.85	3.8	5.3	6.5	3	3	3.5	3.5	7.1	7.1	2.5	3.5
		(min~max)	0.8~3.2	0.99~4.0	1.2~6.2	1.4~8.25	0.85~3.2	0.85~3.2	0.97~4.0	0.97~4.0	1.6~8.15	1.6~8.15	0.99~3.2	0.99~4.0
	Heating	Btu/hr.											10,919	13,649
		(min~max)											3378~17743	3378~20473
		cal/hr.											2,752	3,439
		(min~max)											851~4471	851~5159
		kW											3.2	4.0
		(min~max)											0.99~5.2	0.99~6.0
Energy Efficiency	Cooling	EER(Btu/W)	13.3	12.7	12.5	12.0	12.9	13	11.7	11.7	10.8	10.8	14.7	13.0
		EER(W/W)	3.90	3.72	3.66	3.53	3.79	3.79	3.43	3.43	3.16	3.16	4.31	3.80
	Heating	COP(W/W)											4.57	4.04
Moisture Removal		ℓ /hr.	1.0	1.4	2.5	3.0	1.0	1.0	1.4	1.4	3.0	3.0	1.0	1.4
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0	8.0	8.0	9.0	9.0	15.0	15.0	11.5	12.0
Noise Level	Indoor High/Low	dB	36/21	37/21	41/30	42/30	41/25	41/25	43/25	43/25	47/33	47/33	35/23	36/23
	Outdoor High	dB	45	46	53	55	51	51	53	53	60	60	45	47
Electrical Data														
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	730	1010	1450	1840	660	660	1020	1020	2250	2250	580	920
	Heating	W											700	990
Operating Current	Cooling	A	3.4	4.8	7.2	8.5	3	3	4.6	4.6	10.2	10.2	2.8	4.2
	Heating	A											3.4	4.6
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*285*205	820*285*205	1065*298*230	1065*298*230	820x285x190	820x285x190	820x285x190	820x285x190	1065x298x222	1065x298x222	890*285*190	890*285*190
	Outdoor	mm	720*548*265	720*548*265	720*548*265	880*310*638	790X548X285	790X548X285	790X548X285	790X548X285	880X798X310	880X798X310	790*548*285	790*548*285
Net Weight	Indoor	kg	8.2	8.4	12	12	7.9	7.9	7.9	7.9	13	13	9.2	9.2
	Outdoor	kg	25.2	26.7	32.8	42	33.8	33.8	33.8	33.8	59.2	59.2	36	36
Shipping Weight	Indoor	kg	9.8	10	14.4	14.4	9.5	9.5	9.5	9.5	16	16	11.4	11.4
	Outdoor	kg	28	29.5	36.3	47.1	37	37	37	37	64.8	64.8	40	40
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	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	ø9.52mm	ø9.52mm	ø15.88mm	ø15.88mm	ø9.52mm	ø9.52mm
Piping Length	Max	m	15	15	30	30	15	15	15	15	15	15	15	15
Piping Height	Max	m	7	7	15	15	7	7	7	7	7	7	8	8
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	BLDC	BLDC	Twin BLDC	Twin BLDC	BLDC	BLDC
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor				•	•	•	•	•	•	•	•		
Low Ambient	Cooling	℃	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46	-10~43	-10~43
	Heating	℃											-15~24	-15~24

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MODEL			Max	Max	Max	Max	Max	Max	Max	Max	Crystal	Crystal	Crystal	Crystal
Model Code			AQV18U*ANXSA	AQV24U*ANXSA	AQV30U*ANXSA	AQV09U*BNXSA	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	INV. HP	INV. HP	INV. HP	INV. HP	CO	CO	CO	CO
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	17,061	24,567	27,297	8,530	11,942	17,061	24,567	27,297	9,231	12,199	18,706	21,769
		(min~max)	5459~20473	7507~27297	6824~31733	3378~10919	3378~13649	5459~20473	7507~27297	6824~31733				
		cal/hr.	4,299	6,191	6,879	2,150	3,009	4,299	6,191	6,879	2,326	3,074	4,714	5,486
		(min~max)	1376~5159	1892~6879	1720~7997	851~2752	851~3439	1376~5159	1892~6879	1720~7997				
		kW	5.0	7.2	8.0	2.5	3.5	5.0	7.2	8.0	2.7	3.6	5.5	6.4
		(min~max)	1.6~6.0	2.2~8.0	2.0~9.3	0.99~3.2	0.99~4.0	1.6~6.0	2.2~8.0	2.0~9.3				
	Heating	Btu/hr.	20,473	28,321	30,709	10,919	13,649	20,473	28,321	30,709				
		(min~max)	4095~27297	6483~34121	7507~40946	3378~17743	3378~20473	4095~27297	6483~34121	7507~40946				
		cal/hr.	5,159	7,137	7,739	2,752	3,439	5,159	7,137	7,739				
		(min~max)	1032~6879	1634~8598	1892~10318	851~4471	851~5159	1032~6879	1634~8598	1892~10318				
		kW	6.0	8.3	9.0	3.2	4.0	6.0	8.3	9.0				
		(min~max)	1.2~8.0	1.9~10.0	2.2~12.0	0.99~5.2	0.99~6.0	1.2~8.0	1.9~10.0	2.2~12.0				
Energy Efficiency	Cooling	EER(Btu/W)	12.2	10.7	10.5	14.7	13.0	12.2	10.7	10.5	11.7	11.4	11.8	11.2
		EER(W/W)	3.57	3.13	3.08	4.31	3.80	3.57	3.13	3.08	3.42	3.34	3.45	3.27
	Heating	COP(W/W)	3.61	3.29	3.31	4.57	4.04	3.61	3.29	3.31				
Moisture Removal		ℓ /hr.	2.5	3.0	4.5	1.0	1.4	2.5	3.0	4.5	1.0	1.5	2.0	2.5
Air Circulation (Max)		m³/min	13.0	15.0	23.0	11.5	12.0	13.0	15.0	23.0	8.0	11.0	14.0	17.0
Noise Level	Indoor High/Low	dB	40/30	41/30	45/32	35/23	36/23	40/30	41/30	45/32	36/26	36/26	40/32	42/33
	Outdoor High	dB	53	55	57	45	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	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1400	2300	2600	580	920	1400	2300	2600	791	1072	1591	1948
	Heating	W	1660	2520	2720	700	990	1660	2520	2720				
Operating Current	Cooling	A	6.4	10.4	11.5	2.8	4.2	6.4	10.4	11.5	3.9	5.2	7.5	9
	Heating	A	7.7	11.4	12.0	3.4	4.6	7.7	11.4	12.0				
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	1065*298*222	1279*345*229	890*285*190	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	880*638*310	880*638*310	880*798*310	790*548*285	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	13	13	20	9.2	9.2	13	13	20	8.4	8.7	13	13
	Outdoor	kg	46	59.2	59.2	36	36	46	59.2	59.2	26	26	56	56
Shipping Weight	Indoor	kg	16	16	23	11.4	11.4	16	16	23	10.4	11	16	16
	Outdoor	kg	49.5	64.8	64.8	40	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	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø15.88mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	30	30	30	15	15	30	30	30	15	15	15	20
Piping Height	Max	m	15	15	15	8	8	15	15	15	7	7	8	8
Features														
Air Purification	S-Plasma ion										•	•	•	•
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	BLDC	Twin BLDC	Twin BLDC	Twin BLDC	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor										•	•	•	•
Low Ambient	Cooling	℃	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	15~43	15~43	15~43	15~43
	Heating	℃	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24				

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MODEL			Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal Low Watt	Crystal Low Watt	Crystal Low Watt	Crystal Low Watt
Model Code			AS09EUPNXEA	AS09E*QNXEA	AS12EUPNXEA	AS12E*QNXEA	AS18EUPNXEA	AS18E*QNXEA	AS24EUPNXEA	AS24E*QNXEA	AS05ESPNXEA	AS07ESPNXEA	AS09ESPNXEA	AS12ESPNXEA
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	9,000	9,000	12,000	12,000	18,000	18,000	24,000	24,000	5,000	7,000	8,900	12,600
		(min~max)												
		cal/hr.	2,268	2,268	3,024	3,024	4,536	4,536	6,048	6,048	1,260	1,764	2,243	3,175
		(min~max)												
		kW	2.6	2.6	3.5	3.5	5.3	5.3	7.0	7.0	1.5	2.1	2.6	3.7
		(min~max)												
	Heating	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW												
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	11.3	11.3	10.7	10.7	9.7	9.7	9.2	9.2	15.6	13.2	13.3	13.0
		EER(W/W)	3.3	3.3	3.14	3.14	2.85	2.85	2.71	2.71	4.58	3.87	3.89	3.81
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	1.0	1.0	1.5	1.5	2.0	2.0	2.5	2.5	0.8	0.8	1.0	1.5
Air Circulation (Max)		m³/min	8.0	8.0	11.0	11.0	14.0	14.0	17.0	17.0	6.0	6.0	8.0	11.0
Noise Level	Indoor High/Low	dB	36/26	36/26	36/26	36/26	40/32	40/32	42/33	42/33	34/26	34/26	36/26	36/26
	Outdoor High	dB	48	48	50	50	52	52	54	54	45	45	48	50
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	800	800	1120	1120	1850	1850	2600	2600	320	530	670	970
	Heating	W												
Operating Current	Cooling	A	4	4	5.3	5.3	9	9	12.5	12.5	2	2.8	3.7	5.2
	Heating	A												
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*286*190	820*286*190	820*286*190	820*286*190	890*286*190	890*286*190	1065*298*222	1065*298*222	820*286*190	820*286*190	820*286*190	890*286*190
	Outdoor	mm	660*470*240	660*470*240	660*470*240	660*470*240	790*548*285	790*548*285	790*548*285	790*548*285	660*470*240	660*470*240	660*470*240	660*470*240
Net Weight	Indoor	kg	8.4	8.4	8.4	8.4	8.7	8.7	13	13	8.4	8.4	8.4	8.7
	Outdoor	kg	26	26	26	26	32.6	32.6	32.6	32.6	26	26	26	26
Shipping Weight	Indoor	kg	10.4	10.4	10.4	10.4	11	11	16	16	10.4	10.4	10.4	11
	Outdoor	kg	30	30	30	30	35.4	35.4	35.4	35.4	30	30	30	30
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm	ø9.52mm	ø9.52mm	ø12.7mm
Piping Length	Max	m	15	15	15	15	15	15	20	20	15	15	15	15
Piping Height	Max	m	7	7	7	7	8	8	8	8	7	7	7	7
Features														
Air Purification	S-Plasma ion			•		•		•		•	•	•	•	•
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor												•	•
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃												

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MODEL			T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)
Model Code			AS10T*LNXST	AS13T*LNXST	AS18T*LNXST	AS24T*LNXST	AQ09T*PNXEA	AQ12T*LNXEA	AQ18T*LNXEA	AS05TULNXEA	AS07TULNXEA	AS09TUPNXEA	AS12TULNXEA	AS18TULNXEA
AC Type			CO	CO	CO	CO	HP	HP	HP	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	9,320	12,195	18,557	21,859	9,000	12,000	18,000	5,000	7,000	9,000	12,000	18,000
		(min~max)												
		cal/hr.	2,349	3,073	4,676	5,508	2,268	3,024	4,536	1,260	1,764	2,268	3,024	4,536
		(min~max)												
		kW	2.7	3.6	5.4	6.4	2.6	3.5	5.3	1.5	2.1	2.6	3.5	5.3
		(min~max)												
	Heating	Btu/hr.					9,500	13,000	19,500					
		(min~max)												
		cal/hr.					2,394	3,276	4,914					
		(min~max)												
		kW					2.8	3.8	5.7					
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	11.8	11.4	11.7	11.2	9.1	9.5	9.5	12.8	11.1	11.3	10.7	9.7
		EER(W/W)	3.46	3.35	3.42	3.27	2.65	2.79	2.78	3.76	3.26	3.3	3.14	2.85
	Heating	COP(W/W)					3.00	3.29	3.01					
Moisture Removal		ℓ /hr.	1.0	1.5	2.0	2.5	1.0	1.5	2.0	0.8	0.8	1.0	1.5	2.0
Air Circulation (Max)		m³/min	8.0	11.0	14.0	17.0	8.0	11.0	14.0	6.0	6.0	8.0	11.0	14.0
Noise Level	Indoor High/Low	dB	36/26	36/26	40/32	42/33	36/26	36/26	40/32	34/26	34/26	36/26	36/26	40/32
	Outdoor High	dB	50	50	52	54	48	50	52	45	45	48	50	52
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	790	1068	1589	1942	995	1260	1900	390	570	800	1120	1850
	Heating	W					930	1160	1900					
Operating Current	Cooling	A	3.9	5.2	7.5	9	4.6	5.8	9	2	3	4	5.3	9
	Heating	A					4.2	5.3	9.0					
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*285*210	890*286*210	1065*298*225	1065*298*225	820*285*210	820*285*210	890*286*210	728*255*190	728*255*190	820*285*210	820*285*210	890*286*210
	Outdoor	mm	660*470*240	660*470*240	880*638*310	880*638*310	660*470*240	660*470*240	790*548*285	660*470*240	660*470*240	660*470*240	660*470*240	790*548*285
Net Weight	Indoor	kg	8.4	8.7	13	13	8.4	8.4	8.7	8.4	8.4	8.4	8.4	8.7
	Outdoor	kg	26	26	56	56	26	26	32.6	26	26	26	26	32.6
Shipping Weight	Indoor	kg	10.4	11	16	16	10.4	10.4	11	10.4	10.4	10.4	10.4	11
	Outdoor	kg	30	30	58	58	30	30	35.4	30	30	30	30	35.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	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	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø9.52mm	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	15	15	20	15	15	15	15	15	15	15	15
Piping Height	Max	m	7	7	8	8	7	7	8	7	7	7	7	8
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor		•	•	•	•								
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃					0~24	0~24	0~24					

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MODEL			T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay Low Watt)	T-series (Boracay Low Watt)	T-series (Boracay Low Watt)	Max	Max	Max	Max
Model Code			AS24TULNXEA	AS09T*LNXTC	AS12T*LNXTC	AS18T*LNXTC	AS24T*LNXTC	AS05T*MNXEA	AS07T*MNXEA	AS09T*MNXEA	AS10U*PNXST	AS13U*PNXST	AS18U*PNXST	AS24U*PNXST
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	24,000	9,500	12,600	19,000	25,000	4,900	6,900	8,900	9,189	12,194	18,443	21,807
		(min~max)												
		cal/hr.	6,048	2,394	3,175	4,788	6,300	1,235	1,739	2,243	2,316	3,073	4,648	5,495
		(min~max)												
		kW	7.0	2.8	3.7	5.6	7.3	1.4	2.0	2.6	2.7	3.6	5.4	6.4
		(min~max)												
	Heating	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW												
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.2	10.3	10.0	9.8	9.6	15.3	13.0	13.3	11.7	11.3	11.7	11.3
		EER(W/W)	2.71	3.03	2.93	2.87	2.82	4.49	3.81	3.89	3.41	3.33	3.42	3.3
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	2.5	1.0	1.5	2.0	2.5	0.8	0.8	1.0	1.0	1.5	2.0	2.5
Air Circulation (Max)		m³/min	17.0	8.0	11.0	14.0	17.0	6.0	6.0	8.0	8.0	11.0	14.0	17.0
Noise Level	Indoor High/Low	dB	42/33	36/26	36/26	40/32	42/33	34/26	34/26	36/26	36/26	36/26	40/32	42/33
	Outdoor High	dB	54	48	50	52	54	45	45	48	48	50	52	54
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	230/60/1	230/60/1	230/60/1	230/60/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	2600	920	1260	1940	2600	320	530	670	788	1075	1579	1952
	Heating	W												
Operating Current	Cooling	A	12.5	4.3	5.8	8.5	11	2	2.8	3.7	3.9	5.2	7.5	9
	Heating	A												
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*225	820*285*210	820*285*210	890*286*210	1065*298*225	820*285*210	820*285*210	820*285*210	820*286*190	890*286*190	1065*298*222	1065*298*222
	Outdoor	mm	790*548*285	660*470*240	660*470*240	720*548*265	790*548*285	660*470*240	660*470*240	660*470*240	660*470*240	660*470*240	880*638*310	880*638*310
Net Weight	Indoor	kg	13	8.4	8.4	8.7	13	8.4	8.4	8.4	8.4	8.7	13	13
	Outdoor	kg	32.6	26	26	32.4	32.6	26	26	26	26	26	56	56
Shipping Weight	Indoor	kg	16	10.4	10.4	11	16	10.4	10.4	10.4	10.4	11	16	16
	Outdoor	kg	35.4	30	30	34.4	35.4	30	30	30	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	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	20	15	15	15	20	15	15	15	15	15	15	20
Piping Height	Max	m	8	7	7	7	8	7	7	7	7	7	8	8
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor			•	•	•	•			•	•	•	•	•
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃												

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MODEL			Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max
Model Code			AS13U*PNSNG	AS18U*PNSNG	AS10U*PNTSE	AS13U*PNTSE	AS18U*PNTSE	AS24U*PNTSE	AS09U*PNXSS	AS12U*PNXSS	AS18U*PNXSS	AS24U*PNXSS	AS05UUPNXEA	AS07UUPNXEA
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	12,194	18,443	9,189	12,194	18,443	24,000	9,500	12,500	18,000	24,000	5,000	7,000
		(min~max)												
		cal/hr.	3,073	4,648	2,316	3,073	4,648	6,048	2,394	3,150	4,536	6,048	1,260	1,764
		(min~max)												
		kW	3.6	5.4	2.7	3.6	5.4	7.0	2.8	3.7	5.3	7.0	1.5	2.1
		(min~max)												
	Heating	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW												
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	11.3	11.7	11.7	11.3	11.7	10.4	11.3	10.9	9.0	10.4	12.8	11.1
		EER(W/W)	3.33	3.42	3.41	3.33	3.42	3.06	3.31	3.19	2.64	3.06	3.76	3.26
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	1.5	2.0	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5	0.8	0.8
Air Circulation (Max)		m³/min	11.0	14.0	8.0	11.0	14.0	17.0	8.0	11.0	14.0	17.0	6.0	6.0
Noise Level	Indoor High/Low	dB	36/26	40/32	36/26	36/26	40/32	42/33	36/26	36/26	40/32	42/33	34/26	34/26
	Outdoor High	dB	50	52	48	50	52	54	48	50	52	54	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	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	1075	1579	788	1075	1579	2300	840	1150	1600	2300	390	570
	Heating	W												
Operating Current	Cooling	A	5.2	7.5	3.9	5.2	7.5	9	3.9	5.2	9.5	10.5	2	3
	Heating	A												
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	890*286*190	1065*298*222	820*286*190	890*286*190	1065*298*222	1065*298*222	820*286*190	890*286*190	1065*298*222	1065*298*222	728*255*190	728*255*190
	Outdoor	mm	660*470*240	880*638*310	660*470*240	660*470*240	880*638*310	880*638*310	660*470*240	660*470*240	880*638*310	880*638*310	660*470*240	660*470*240
Net Weight	Indoor	kg	8.7	13	8.4	8.7	13	13	8.4	8.7	13	13	8.4	8.4
	Outdoor	kg	26	56	26	26	56	56	26	26	56	56	26	26
Shipping Weight	Indoor	kg	11	16	10.4	11	16	16	10.4	11	16	16	10.4	10.4
	Outdoor	kg	30	58	30	30	58	58	30	30	58	58	30	30
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	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	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm
Piping Length	Max	m	15	15	15	15	15	20	15	15	15	20	15	15
Piping Height	Max	m	7		7	7	8	8	7	7	8	8	7	7
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	60	60	60	60	60	60	60	60
	DNA Filter													
	Deodorizing Filter				2	2	2	2						
	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor		•	•	•	•	•	•	•	•	•	•		
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃												

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MODEL			Max	Max	Max	Max	Max	Max Low Watt	Max Low Watt	Max Low Watt	WAC	WAC	WAC	WAC
Model Code			AS09UUQNXEA	AS12UUPNXEA	AS18UUPNXEA	AS24UUPNXEA	AS36U*XTC	AS05UGPNXEA	AS07UGPNXEA	AS09UGPNXEA	AW05N0BXTC	AW07L1BXTC	AW07L2BXTC	AW07LHBXTC
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000	33,000	5,000	7,000	8,900	5,213	6,919	6,919	6,919
		(min~max)												
		cal/hr.	2,268	3,024	4,536	6,048	8,316	1,260	1,764	2,243	1,314	1,744	1,744	1,744
		(min~max)												
		kW	2.6	3.5	5.3	7.0	9.7	1.5	2.1	2.6	1.528	2.028	2.028	2.028
		(min~max)												
	Heating	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW												
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	11.3	10.7	9.7	9.2	9.5	15.6	13.2	13.3	10.2	10.9	10.9	10.9
		EER(W/W)	3.3	3.14	2.85	2.71	2.78	4.58	3.87	3.89				
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	1.0	1.5	2.0	2.5	3.6	0.8	0.8	1.0	0.9	1.1	1.1	1.1
Air Circulation (Max)		m³/min	8.0	11.0	14.0	17.0	23.0	6.0	6.0	8.0	3.7	5.4	5.4	5.4
Noise Level	Indoor High/Low	dB	36/26	36/26	40/32	42/33	48/40	34/26	34/26	36/26	53	51	51	51
	Outdoor High	dB	48	50	52	54	59	45	45	48	57	56	56	56
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220/60/1	220~240/50/1	220~240/50/1	220~240/50/1	230/60/1	230/60/1	230/60/1	230/60/1
Power Consumption	Cooling	W	800	1120	1850	2600	3474	320	530	670	510	630	630	630
	Heating	W												
Operating Current	Cooling	A	4	5.3	9	12.5	18	2	2.8	3.7	2.2	2.8	2.8	2.8
	Heating	A												
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*286*190	820*286*190	890*286*190	1065*298*222	1279*345*229	728*255*190	728*255*190	820*286*190	424*310*342	500*355*458	500*355*458	500*355*458
	Outdoor	mm	660*470*240	660*470*240	790*548*285	790*548*285	880*950*320	660*470*240	660*470*240	660*470*240				
Net Weight	Indoor	kg	8.4	8.4	8.7	13	20	8.4	8.4	8.4	17.1	25.1	25.1	25.1
	Outdoor	kg	26	26	32.6	32.6	80	26	26	26				
Shipping Weight	Indoor	kg	10.4	10.4	11	16	24	10.4	10.4	10.4	19.1	27.1	27.1	27.1
	Outdoor	kg	30	30	35.4	35.4	85	30	30	30				
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø9.52mm	ø6.35mm	ø6.35mm	ø6.35mm				
	Gas	OD	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø19.05mm	ø9.52mm	ø9.52mm	ø9.52mm				
Piping Length	Max	m	15	15	15	20	30	15	15	15				
Piping Height	Max	m	7	7	8	8	15	7	7	7				
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	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	2	3	3	3
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto		Manual	Manual	Manual
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Auto	Auto	Auto
	Natural Breeze		•	•	•	•	•	•	•	•				
Operating Mode	d'light Cool													
	good'sleep		•	•	•	•	•	•	•	•				•
	Smart Saver		•	•	•	•	•	•	•	•				•
	Turbo		•	•	•	•	•	•	•	•				
	Dehumidification		•	•	•	•	•	•	•	•				•
	Auto Mode		•	•	•	•	•	•	•	•				
	Fan Mode		•	•	•	•	•	•	•	•	•	•	•	•
	Quiet		•	•	•	•	•	•	•	•				
Convenience	Filter Cleaning Indicatior													
	Indoor Temp. Display						•							•
	Remote Controller		•	•	•	•	•	•	•	•				•
	Display On/Off													
	Beep On/Off													
	Real-time Timer												•	•
	24-Hour Timer		•	•	•	•	•	•	•	•			12Hour	•
	Auto Restart		•	•	•	•	•	•	•	•				
	Auto Changeover													
Outdoor Unit	Compressor Type		Rotary	Rotary	Rotary	Rotary	RECIPRO	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor									•				
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43		15~43	15~43	15~43	21~43	21~43	21~43	21~43
	Heating	℃												

South-East Aisa

MODEL			WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	Queen
Model Code			AW09L1BXTC	AW09L2BXTC	AW09LHBXTC	AW12L1CXTC	AW12L2CXTC	AW12LHCXTC	AW18F1CXTC	AW18FHCXTC	AP55Q0CNXTC
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.	9,004	9,004	9,004	12,132	12,132	12,132	17,724	17,724	52,000
		(min~max)									
		cal/hr.	2,269	2,269	2,269	3,057	3,057	3,057	4,466	4,466	13,105
		(min~max)									
		kW	2.639	2.639	2.639	3.556	3.556	3.556	5.195	5.195	15.2
		(min~max)									
	Heating	Btu/hr.									
		(min~max)									
		cal/hr.									
		(min~max)									
		kW									
		(min~max)									
Energy Efficiency	Cooling	EER(Btu/W)	10.4	10.4	10.4	10.4	10.4	10.4	9.7	9.7	9.63
		EER(W/W)									2.81
	Heating	COP(W/W)									
Moisture Removal		ℓ /hr.	1.2	1.2	1.2	1.4	1.4	1.4	1.9	1.9	
Air Circulation (Max)		m³/min	5.8	5.8	5.8	7.9	7.9	7.9	12.9	12.9	41.0
Noise Level	Indoor High/Low	dB	51	51	51	55	55	55	58	58	59
	Outdoor High	dB	56	56	56	63	63	63	63	63	67
Electrical Data											
Power Source		V/Hz/ø	230/60/1	230/60/1	230/60/1	230/60/1	230/60/1	230/60/1	230/60/1	230/60/1	220/60/3N
Power Consumption	Cooling	W	860	860	860	1160	1160	1160	1825	1825	5400
	Heating	W									
Operating Current	Cooling	A	3.8	3.8	3.8	5.2	5.2	5.2	8.1	8.1	16.5
	Heating	A									
Dimension & Loading Q'ty											
Net Dimension (WxHxD)	Indoor	mm	500*355*458	500*355*458	500*355*458	530*384*550	530*384*550	530*384*550	620*425*640	620*425*640	650*1850*395
	Outdoor	mm									932*1128*375
Net Weight	Indoor	kg	27.4	27.4	27.8	29.5	29.5	29	49.1	49.1	62
	Outdoor	kg									105
Shipping Weight	Indoor	kg	29.4	29.4	29.8	33.0	33.0	32.5	53.6	53.6	65
	Outdoor	kg									115
Technical Information											
SVC Valve	Liquid	OD									ø9.52mm
	Gas	OD									ø19.05mm
Piping Length	Max	m									50
Piping Height	Max	m									30
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	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Auto
	Air Direction (Left/Right)		Auto	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 Indicatior										
	Indoor Temp. Display				•			•		•	•
	Remote Controller				•			•		•	•
	Display On/Off										
	Beep On/Off										
	Real-time Timer			•	•		•	•		•	
	24-Hour Timer			12Hour	•		12Hour	•		•	8-Hour Timer
	Auto Restart										•
	Auto Changeover										
Outdoor Unit	Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary (UTR)
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•
	Multi-channel Condensor										
Low Ambient	Cooling	℃	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	
	Heating	℃									

Middle East

MODEL			P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	MB	MB	MB	MB	MB	MB	Vivace	Vivace
Model Code			AQV09P*LAND	AQV12P*LAND	AQV18P*LAND	AQV24P*LAND	AQ12A*AAFR	AQ24A*AAFR	AQ19D*AHAC	AS19D*AHAC	AQ25D*AHAC	AS25D*AHAC	AQ09V*CSAM	AQ12V*CSAM
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	HP	HP	HP	CO	HP	CO	HP	HP
Refrigerant Type			R410A	R410A	R410A	R410A	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	8,500	11,260	17,000	23,200	12,000	24,000	18,000	18,000	24,000	24,000	9,000	12,000
		(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	3,009	5,847	4,385	4,385	5,847	5,847	2322	3,024
		(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	3.5	6.8	5.1	5.1	6.8	6.8	2.7	3.5
		(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	13,000	24,000	20,000		24,000		10000	13,000
		(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	3,267	6,019	4,987		6,019		2,494	3,267
		(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	3.8	7	5.8		7		2.9	3.8
		(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	9.6	9.2	9.5	9.5	9.2	9.2	9.2	9.5
		EER(W/W)	3.40	3.21	3.40	3.21	2.80	2.71	2.78	2.78	2.71	2.71	2.8	2.78
	Heating	COP(W/W)	3.63	3.61	3.61	3.61	3.22	2.71	3.13		2.71		3.22	3.23
Moisture Removal		ℓ /hr.	1.0	1.4	2.5	3.0	1.3	2.6	1.9	1.9	2.6	2.6	1.00	1.5
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0	9.0	17.0	15.0	15.0	17.0	17.0	8.0	9.3
Noise Level	Indoor High/Low	dB	35/21	37/21	40/30	41/30	35/26	42/33	40/32	40/32	42/33	42/33	32/24	36/26
	Outdoor High	dB	45	47	53	55	50	54	52	52	54	54	48	50
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	740	1030	1470	2120	1250	2600	1900	1900	2600	2600	980	1260
	Heating	W	910	1110	1660	2160	1180	2600	1870		2600		900	1180
Operating Current	Cooling	A	3.8	4.8	6.8	9.5	5.6	12.5	9.0	9.0	12.5	12.5	4.6	5.8
	Heating	A	4.4	5.2	7.7	10.0	5.3	12.5	9.0		12.5		4.1	5.3
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*285*205	820*285*205	1065*298*230	1065*298*230	900*304*185	1100*307*225	1100*307*225	1100*307*225	1100*307*225	1100*307*225	825*285*189	825*285*189
	Outdoor	mm	720*548*265	720*548*265	790*545*285	790*545*285	720*548*265	880*638*310	790*548*285	790*548*285	880*638*310	880*638*310	660*470*240	660*470*240
Net Weight	Indoor	kg	8.8	8.8	13	13	10.2	12.7	12.7	12.7	12.7	12.7	9	9
	Outdoor	kg	28	31	50	50	33.8	56	39	39	56	56	26	28
Shipping Weight	Indoor	kg	10.8	10.8	16	16	11.5	16	16	16	16	16	11	11
	Outdoor	kg	35.5	35.5	53.6	53.6	35	58	43	43	58	58	27.5	30
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	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	ø12.7mm	ø15.88mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm	ø12.7mm
Piping Length	Max	m	15	15	30	30	15	20	15	15	20	20	15	15
Piping Height	Max	m	7	7	15	15	7	8	8	8	8	8	7	7
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter						•	•	•	•	•	•		
	Full HD Filter		80	80	80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	16~43	16~43	16~43	16~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-10~24	-10~24	-10~24	-10~24	-5~24	-5~24	-5~24		-5~24		-5~24	-5~24

Middle East

MODEL			Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace
Model Code			AQ18V*CSAM	AQ24V*CSAM	AQ13V*EHAC	AQ13V*CHAC	AS13V*EHAC	AS13V*CHAC	AQ19V*EHAC	AQ19V*CHAC	AS19V*EHAC	AS19V*CHAC	AQ25V*EHAC	AQ25V*CHAC
AC Type			HP	HP	HP	HP	CO	CO	HP	HP	CO	CO	HP	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	18,000	24,000	12,000	12,000	12,000	12,000	18,000	18,000	18,000	18,000	24,000	24,000
		(min~max)												
		cal/hr.	4,385	5,847	3,024	3,024	3,024	3,024	4,385	4,385	4,385	4,385	5,847	5,847
		(min~max)												
		kW	5.1	6.8	3.5	3.5	3.5	3.5	5.1	5.1	5.1	5.1	6.8	6.8
		(min~max)												
	Heating	Btu/hr.	20,000	24,000	13,000	13,000			20,000	20,000			24,000	24,000
		(min~max)												
		cal/hr.	4,815	6,019	3,267	3,267			4,815	4,815			6,019	6,019
		(min~max)												
		kW	5.6	7	3.8	3.8			5.6	5.6			7	7
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.2	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.2	9.2
		EER(W/W)	2.68	2.62	2.78	2.78	2.78	2.78	2.68	2.68	2.55	2.55	2.62	2.62
	Heating	COP(W/W)	2.95	2.64	3.23	3.23			2.95	2.95			2.69	2.69
Moisture Removal		ℓ /hr.	1.9	2.6	1.5	1.5	1.5	1.5	1.9	1.9	1.9	1.9	2.6	2.6
Air Circulation (Max)		m³/min	15.0	17.0	9.3	9.3	9.3	9.3	15.0	15.0	15.0	15.0	17.0	17.0
Noise Level	Indoor High/Low	dB	40/32	42/35	36/26	36/26	36/26	36/26	40/32	40/32	40/32	40/32	42/35	42/35
	Outdoor High	dB	52	55	50	50	50	50	52	52	52	52	55	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	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1900	2600	1260	1260	1260	1260	1900	1900	2000	2000	2600	2600
	Heating	W	1900	2650	1180	1180			1900	1900			2600	2600
Operating Current	Cooling	A	9.0	12.5	5.8	5.8	5.8	5.8	9.0	9.0	9.0	9.0	12.5	12.5
	Heating	A	9.0	12.5	5.3	5.3			9.0	9.0			12.5	12.5
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*214	1065*298*214	825*285*189	825*285*189	825*285*189	825*285*189	1065*298*214	1065*298*214	1065*298*214	1065*298*214	1065*298*214	1065*298*214
	Outdoor	mm	790*548*285	790*548*285	660*500*242	660*470*240	660*470*240	660*470*240	790*548*285	790*548*285	790*548*285	790*548*285	790*548*285	790*548*285
Net Weight	Indoor	kg	13	13	9	9	9	9	13	13	13	13	13	13
	Outdoor	kg	39	41	28	28	28	28	39	39	39	39	41	41
Shipping Weight	Indoor	kg	16	16	11	11	11	11	16	16	16	16	16	16
	Outdoor	kg	43	45	30	30	30	30	43	43	43	43	45	45
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm
Piping Length	Max	m	15	20	15	15	15	15	15	15	15	15	20	20
Piping Height	Max	m	8	8	7	7	7	7	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	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24	-5~24	-5~24	-5~24			-5~24	-5~24			-5~24	-5~24

Middle East

MODEL			Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace
Model Code			AS25V*EHAC	AS25V*CHAC	AQ09V*ANXFA	AQ12V*ANXFA	AQ18V*ANXFA	AQ24V*ANXFA	AQ09V*EMID	AQ12V*EMID	AQ18V*EMID	AQ24V*EMID	AQ12V*EBGT	AQ24V*EBGT
AC Type			CO	CO	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	24,000	24,000	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000	12,000	24,000
		(min~max)												
		cal/hr.	5,847	5,847	2322	3,024	4,385	5,847	2322	3,024	4,385	5,847	3,024	5,847
		(min~max)												
		kW	6.8	6.8	2.7	3.5	5.1	6.8	2.7	3.5	5.1	6.8	3.5	6.8
		(min~max)												
	Heating	Btu/hr.			10000	13,000	20,000	24,000	10000	13,000	20,000	24,000	13,000	24,000
		(min~max)												
		cal/hr.			2494	3,267	4,815	6,019	2494	3,267	4,815	6,019	3,267	6,019
		(min~max)												
		kW			2.9	3.8	5.6	7	2.9	3.8	5.6	7	3.8	7
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.2	9.2	9.183673469	9.5	9.5	9.2	9.183673469	9.5	9.5	9.2	9.5	9.2
		EER(W/W)	2.62	2.62	2.8	2.78	2.68	2.62	2.8	2.78	2.68	2.62	2.78	2.62
	Heating	COP(W/W)			3.22	3.23	2.95	2.64	3.22	3.23	2.95	2.64	3.23	2.64
Moisture Removal		ℓ /hr.	2.6	2.6	1.00	1.5	1.9	2.6	1.00	1.5	1.9	2.6	1.5	2.6
Air Circulation (Max)		m³/min	17.0	17.0	8.0	9.3	15.0	17.0	8.0	9.3	15.0	17.0	9.3	17.0
Noise Level	Indoor High/Low	dB	42/35	42/35	32/24	36/26	40/32	42/35	32/24	36/26	40/32	42/35	36/26	42/35
	Outdoor High	dB	55	55	48	50	52	55	48	50	52	55	50	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	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	2600	2600	980	1260	1900	2600	980	1260	1900	2600	1260	2600
	Heating	W			900	1180	1900	2650	900	1180	1900	2650	1180	2650
Operating Current	Cooling	A	12.5	12.5	4.6	5.8	9.0	12.5	4.6	5.8	9.0	12.5	5.8	12.5
	Heating	A			4.1	5.3	9.0	12.5	4.1	5.3	9.0	12.5	5.3	12.5
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*214	1065*298*214	825*285*189	825*285*189	1065*298*214	1065*298*214	825*285*189	825*285*189	825*285*189	1065*298*214	825*285*189	1065*298*214
	Outdoor	mm	790*548*285	790*548*285	660*470*240	720*548*265	790*548*285	790*548*285	660*470*240	660*470*240	790*548*285	790*548*285	660*470*240	790*548*285
Net Weight	Indoor	kg	13	13	9	9	13	13	9	9	9	13	9	13
	Outdoor	kg	41	41	26	28	39	41	26	28	39	41	28	41
Shipping Weight	Indoor	kg	16	16	11	11	16	16	11	11	11	16	11	16
	Outdoor	kg	45	45	27.5	30	43	45	27.5	30	43	45	30	45
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø15.88mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø12.7mm	ø15.88mm
Piping Length	Max	m	20	20	15	15	15	20	15	15	15	20	15	20
Piping Height	Max	m	8	8	7	7	8	8	7	7	8	8	7	8
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃			-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24

Middle East

MODEL			Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Crystal	Crystal	Crystal	Crystal	Crystal
Model Code			AQ18V*EBGT	AQ18V*CUMG	AS18V*CUMG	AQ24V*CUMG	AS24V*CUMG	AS18V*EXSG	AS24V*EXSG	AQ09E*PCTC	AQ12E*PCTC	AQ18E*PCTC	AQ24E*PCTC	AQ09E*PXSG
AC Type			HP	HP	CO	HP	CO	CO	CO	HP	HP	HP	HP	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	18,000	18,000	18,000	24,000	24,000	18,000	24,000	9,500	12,000	18,000	24,000	9,500
		(min~max)												
		cal/hr.	4,385	4,385	4,385	5,847	5,847	4,385	5,847	2,394	3,024	4,536	6,048	2,394
		(min~max)												
		kW	5.1	5.1	5.1	6.8	6.8	5.1	6.8	2.8	3.5	5.3	7.0	2.8
		(min~max)												
	Heating	Btu/hr.	20,000	20,000		24,000				10,000	13,000	20,000	24,000	10,000
		(min~max)												
		cal/hr.	4,815	4,815		6,019				2,520	3,276	5,040	6,048	2,520
		(min~max)												
		kW	5.6	5.6		7				2.9	3.8	5.9	7.0	2.9
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.5	9.5	9.2	9.2	9.5	9.2	9.5	9.2	9.5	9.6	9.5
		EER(W/W)	2.68	2.68	2.55	2.62	2.62	2.55	2.62	2.78	2.71	2.78	2.81	11.1
	Heating	COP(W/W)	2.95	2.95		2.64				3.25	3.29	3.09	2.66	3.25
Moisture Removal		ℓ /hr.	1.9	1.9	1.9	2.6	2.6	1.9	2.6	1.0	1.5	1.8	2.4	1.0
Air Circulation (Max)		m³/min	15.0	15.0	15.0	17.0	17.0	15.0	17.0	7.5	9.5	13.0	17.0	7.5
Noise Level	Indoor High/Low	dB	40/32	40/32	40/32	42/35	42/35	40/32	42/35	32/24	36/26	40/32	42/33	32/24
	Outdoor High	dB	52	52	52	55	55	52	55	48	50	52	54	48
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1900	1900	2000	2600	2600	2000	2600	1000	1300	1900	2500	1000
	Heating	W	1900	1900		2650				900	1160	1900	2650	900
Operating Current	Cooling	A	9.0	9.0	9.0	12.5	12.5	9.0	12.5	4.6	6	9.0	12	4.6
	Heating	A	9.0	9.0		12.5				4.2	5.5	9.0	12.5	4.2
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	825*285*189	1065*298*214	1065*298*214	1065*298*214	1065*298*214	825*285*189	1065*298*214	820*286*190	820*286*190	1065*298*222	1065*298*222	820*286*190
	Outdoor	mm	790*548*285	790*548*285	790*548*285	790*548*285	790*548*285	790*548*285	790*548*285	660*470*240	660*470*240	790*548*285	790*548*285	660*470*240
Net Weight	Indoor	kg	9	13	13	13	13	9	13	8.4	8.4	13	13	8.4
	Outdoor	kg	39	39	39	41	41	39	41	26	26	32.6	32.6	26
Shipping Weight	Indoor	kg	11	16	16	16	16	11	16	10.4	10.4	16	16	10.4
	Outdoor	kg	43	43	43	45	45	43	45	30	30	35.4	35.4	30
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	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	ø15.88mm	ø15.88mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm
Piping Length	Max	m	15	15	15	20	20	15	20	15	15	15	20	15
Piping Height	Max	m	8	8	8	8	8	8	8	7	7	7	8	7
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	60	60	60	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior									•	•	•	•	•
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24	-5~24		-5~24				-5~24	-5~24	-5~24	-5~24	-5~24

Middle East

MODEL			Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal
Model Code			AQ12E*PXSG	AQ18E*PXSG	AS18E*PXSG	AQ24E*PXSG	AS24E*PXSG	AQ13E*PHAC	AS13E*PHAC	AQ19E*PHAC	AS19E*PHAC	AQ25E*PHAC	AS25E*PHAC	AQ18E*PUMG
AC Type			HP	HP	CO	HP	CO	HP	CO	HP	CO	HP	CO	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	12,000	18,000	18,000	24,000	24,000	12,000	12,000	17,999	17,999	22,861	22,861	18,000
		(min~max)												
		cal/hr.	3,024	4,536	4,536	6,048	6,048	3,024	3,024	4,536	4,536	5,761	5,761	4,536
		(min~max)												
		kW	3.5	5.3	5.3	7.0	7.0	3.5	3.5	5.3	5.3	6.7	6.7	5.3
		(min~max)												
	Heating	Btu/hr.	13,000	20,000		24,000		12,625		19,006		23,499		20,000
		(min~max)												
		cal/hr.	3,276	5,040		6,048		3,181		4,789		5,922		5,040
		(min~max)												
		kW	3.8	5.9		7.0		3.7		5.6		6.9		5.9
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.2	9.5	9.0	9.6	9.2	10.3	10.3	10.3	10.3	10.3	10.3	9.5
		EER(W/W)	2.71	2.78	2.64	2.81	2.71	3.01	3.01	3.01	3.01	3.01	3.01	2.78
	Heating	COP(W/W)	3.29	3.09		2.66		3.19		3.01		3.07		3.09
Moisture Removal		ℓ /hr.	1.5	1.8	1.8	2.4	2.4	1.5	1.5	1.8	1.8	2.4	2.4	1.8
Air Circulation (Max)		m³/min	9.5	13.0	13.0	17.0	17.0	9.5	9.5	13.0	13.0	17.0	17.0	13.0
Noise Level	Indoor High/Low	dB	36/26	40/32	40/32	42/33	42/33	36/26	36/26	40/32	40/32	42/33	42/33	40/32
	Outdoor High	dB	50	52	52	54	54	50	50	52	52	54	54	52
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220/60/1
Power Consumption	Cooling	W	1300	1900	2000	2500	2600	1170	1170	1750	1750	2225	2225	1900
	Heating	W	1160	1900		2650		1160		1850		2240		1900
Operating Current	Cooling	A	6	9	9.5	12	12.5	6	9.5	12	12.5	12	12.5	8.8
	Heating	A	5.5	9.0		12.5		5.5		12.5		12.5		8.2
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*286*190	1065*298*222	1065*298*222	1065*298*222	1065*298*222	820*286*190	820*286*190	1065*298*222	1065*298*222	1065*298*222	1065*298*222	1065*298*222
	Outdoor	mm	660*470*240	790*548*285	720*548*265	790*548*285	790*548*285	660*470*240	660*470*240	880*638*310	880*638*310	880*638*310	880*638*310	790*548*285
Net Weight	Indoor	kg	8.4	13	13	13	13	8.4	8.4	13	13	13	13	13
	Outdoor	kg	26	32.6	32.4	32.6	32.6	26	26	56	56	56	56	32.6
Shipping Weight	Indoor	kg	10.4	16	16	16	16	10.4	10.4	16	16	16	16	16
	Outdoor	kg	30	35.4	34.4	35.4	35.4	30	30	58	58	58	58	35.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	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	ø15.88mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm	ø12.7mm
Piping Length	Max	m	15	15	15	20	20	15	15	15	15	20	20	15
Piping Height	Max	m	7	7	7	8	8	7	7	7	7	8	8	7
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior		•	•	•	•	•	•	•	•	•	•	•	•
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor						•		•		•		•	
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24	-5~24		-5~24		-5~24		-5~24		-5~24		-5~24

Middle East

MODEL			Crystal	Crystal	Crystal	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)
Model Code			AS18E*PUMG	AQ24E*PUMG	AS24E*PUMG	AQ09T*MAND	AQ12T*MAND	AQ18T*MAND	AQ24T*MAND	AQ12T*LBYD	AQ24T*LBYD	AQ09T*LCTC	AQ12T*LCTC	AQ18T*LCTC
AC Type			CO	HP	CO	HP	HP	HP	HP	HP	HP	HP	HP	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	18,000	24,000	24,000	9,383	11,942	17,743	23,203	12,000	24,000	9,500	12,000	18,000
		(min~max)												
		cal/hr.	4,536	6,048	6,048	2,365	3,009	4,471	5,847	3,024	6,048	2,394	3,024	4,536
		(min~max)												
		kW	5.3	7.0	7.0	2.8	3.5	5.2	6.8	3.5	7.0	2.8	3.5	5.3
		(min~max)												
	Heating	Btu/hr.		24,000		9,895	12,966	19,790	23,885	13,000	24,000	10,000	13,000	20,000
		(min~max)												
		cal/hr.		6,048		2,494	3,267	4,987	6,019	3,276	6,048	2,520	3,276	5,040
		(min~max)												
		kW		7.0		2.9	3.8	5.8	7.0	3.8	7.0	2.9	3.8	5.9
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.2	9.2	11.0	11.9	10.3	10.3	9.2	9.6	9.5	9.2	9.5
		EER(W/W)	2.78	2.71	2.71	3.22	3.49	3.02	3.02	2.71	2.81	11.1	2.71	2.78
	Heating	COP(W/W)		2.71		3.41	3.41	3.61	3	3.29	2.66	3.25	3.29	3.09
Moisture Removal		ℓ /hr.	1.8	2.4	2.4	1.0	1.5	1.8	2.4	1.5	2.4	1.0	1.5	1.8
Air Circulation (Max)		m³/min	13.0	17.0	17.0	7.5	9.5	13.0	17.0	9.5	17.0	7.5	9.5	13.0
Noise Level	Indoor High/Low	dB	40/32	42/33	42/33	32/24	36/26	40/32	42/33	36/26	42/33	32/24	36/26	40/32
	Outdoor High	dB	52	54	54	48	50	52	54	50	54	48	50	52
Electrical Data														
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1900	2600	2750	855	1090	1720	2250	1300	2500	1000	1300	1900
	Heating	W		2600		850	1115	1606	2330	1160	2650	900	1160	1900
Operating Current	Cooling	A	8.8	12	13.5	4.1	5.4	8.3	10.8	6	12	4.6	6	9
	Heating	A		12.0		3.7	5.1	8.1	8.1	5.5	12.5	4.2	5.5	9.0
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	1065*298*222	1065*298*222	820*285*210	820*285*210	1065*298*225	1065*298*225	820*285*210	1065*298*225	820*285*210	820*285*210	1065*298*225
	Outdoor	mm	720*548*265	880*638*310	790*548*285	660*470*240	660*470*240	790*548*285	880*638*310	660*470*240	790*548*285	660*470*240	660*470*240	790*548*285
Net Weight	Indoor	kg	13	13	13	8.4	8.4	13	13	8.4	13	8.4	8.4	13
	Outdoor	kg	32.4	56	32.6	26	26	32.6	56	26	32.6	26	26	32.6
Shipping Weight	Indoor	kg	16	16	16	10.4	10.4	16	16	10.4	16	10.4	10.4	16
	Outdoor	kg	34.4	58	35.4	30	30	35.4	58	30	35.4	30	30	35.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	20	20	15	15	15	20	15	20	15	15	15
Piping Height	Max	m	7	8	8	7	7	7	8	7	8	7	7	7
Features														
Air Purification	S-Plasma ion		•	•	•	•								
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior		•	•	•									
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor		•		•									
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃		-5~24		-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24

Middle East

MODEL			T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)
Model Code			AQ24T*LCTC	AQ13T*LHAC	AS13T*LHAC	AQ19T*LHAC	AS19T*LHAC	AQ25T*LHAC	AS25T*LHAC	AQ09T*LXSG	AQ12T*LXSG	AS12T*LXSG	AQ18T*LXSG	AS18T*LXSG
AC Type			HP	HP	CO	HP	CO	HP	CO	HP	HP	CO	HP	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	24,000	12,000	12,000	17,999	17,999	22,861	22,861	9,500	12,000	12,000	18,000	18,000
		(min~max)												
		cal/hr.	6,048	3,024	3,024	4,536	4,536	5,761	5,761	2,394	3,024	3,024	4,536	4,536
		(min~max)												
		kW	7.0	3.5	3.5	5.3	5.3	6.7	6.7	2.8	3.5	3.5	5.3	5.3
		(min~max)												
	Heating	Btu/hr.	24,000	12,625		19,006		23,499		10,000	13,000		20,000	
		(min~max)												
		cal/hr.	6,048	3,181		4,789		5,922		2,520	3,276		5,040	
		(min~max)												
		kW	7.0	3.7		5.6		6.9		2.9	3.8		5.9	
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.6	10.3	10.3	10.3	10.3	10.3	10.3	9.5	9.2	9.1	9.5	9.0
		EER(W/W)	2.81	3.01	3.01	3.01	3.01	3.01	3.01	11.1	2.71	2.67	2.78	2.64
	Heating	COP(W/W)	2.66	3.19		3.01		3.07		3.25	3.29		3.09	
Moisture Removal		ℓ /hr.	2.4	1.5	1.5	1.8	1.8	2.4	2.4	1.0	1.5	1.5	1.8	1.8
Air Circulation (Max)		m³/min	17.0	9.5	9.5	13.0	13.0	17.0	17.0	7.5	9.5	9.5	13.0	13.0
Noise Level	Indoor High/Low	dB	42/33	36/26	36/26	40/32	40/32	42/33	42/33	32/24	36/26	36/26	40/32	40/32
	Outdoor High	dB	54	50	50	52	52	54	54	48	50	50	52	52
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	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	2500	1170	1170	1750	1750	2225	2225	1000	1300	1320	1900	2000
	Heating	W	2650	1160		1850		2240		900	1160		1900	
Operating Current	Cooling	A	12	6	5.2	9	9.5	12	12.5	4.6	6	6.1	9	9.5
	Heating	A	12.5	5.5		9.0		12.5		4.2	5.5		9.0	
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*225	820*285*210	820*285*210	1065*298*225	1065*298*225	1065*298*225	1065*298*225	820*285*210	820*285*210	820*285*210	1065*298*225	1065*298*225
	Outdoor	mm	790*548*285	660*470*240	660*470*240	880*638*310	880*638*310	880*638*310	880*638*310	660*470*240	660*470*240	660*470*240	790*548*285	720*548*265
Net Weight	Indoor	kg	13	8.4	8.4	13	13	13	13	8.4	8.4	8.4	13	13
	Outdoor	kg	32.6	26	26	56	56	56	56	26	26	26	32.6	32.4
Shipping Weight	Indoor	kg	16	10.4	10.4	16	16	16	16	10.4	10.4	10.4	16	16
	Outdoor	kg	35.4	30	30	58	58	58	58	30	30	30	35.4	34.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	20	15	15	15	15	20	20	15	15	15	15	15
Piping Height	Max	m	8	7	7	7	7	8	8	7	7	7	7	7
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor				•		•		•					
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24	-5~24		-5~24		-5~24		-5~24	-5~24		-5~24	

Middle East

MODEL			T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	Max	Max	Max	Max
Model Code			AQ24T*LXSG	AS24T*LXSG	AQ12T*LUMG	AS12T*LUMG	AQ18T*LUMG	AS18T*LUMG	AQ24T*LUMG	AS24T*LUMG	AQ13U*PHAC	AS13U*PHAC	AQ19U*PHAC	AS19U*PHAC
AC Type			HP	CO	HP	CO	HP	CO	HP	CO	HP	CO	HP	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	24,000	24,000	12,000	12,000	18,000	18,000	24,000	24,000	12,000	12,000	17,999	17,999
		(min~max)												
		cal/hr.	6,048	6,048	3,024	3,024	4,536	4,536	6,048	6,048	3,024	3,024	4,536	4,536
		(min~max)												
		kW	7.0	7.0	3.5	3.5	5.3	5.3	7.0	7.0	3.5	3.5	5.3	5.3
		(min~max)												
	Heating	Btu/hr.	24,000		13,000		20,000		24,000		12,625		19,006	
		(min~max)												
		cal/hr.	6,048		3,276		5,040		6,048		3,181		4,789	
		(min~max)												
		kW	7.0		3.8		5.9		7.0		3.7		5.6	
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.6	9.2	8.6	9.2	9.5	9.5	9.2	9.2	10.3	10.3	10.3	10.3
		EER(W/W)	2.81	2.71	2.51	2.71	2.78	2.78	2.71	2.71	3.01	3.01	3.01	3.01
	Heating	COP(W/W)	2.66		3.1		3.09		2.71		3.19		3.01	
Moisture Removal		ℓ /hr.	2.4	2.4	1.5	1.5	1.8	1.8	2.4	2.4	1.5	1.5	1.8	1.8
Air Circulation (Max)		m³/min	17.0	17.0	9.5	9.5	13.0	13.0	17.0	17.0	9.5	9.5	13.0	13.0
Noise Level	Indoor High/Low	dB	42/33	42/33	36/26	36/26	40/32	40/32	42/33	42/33	36/26	36/26	40/32	40/32
	Outdoor High	dB	54	54	50	50	52	52	54	54	50	50	52	52
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	2500	2600	1400	1300	1900	1900	2600	2750	1170	1170	1750	1750
	Heating	W	2650		1230		1900		2600		1160		1850	
Operating Current	Cooling	A	12	12.5	6.4	6.2	8.8	8.8	12.0	13.5	6	5.2	9.0	9.5
	Heating	A	12.5		5.6		8.2		12.0		5.5		9.0	
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*225	1065*298*225	820*285*210	820*285*210	1065*298*225	1065*298*225	1065*298*225	1065*298*225	820*286*190	820*286*190	1065*298*222	1065*298*222
	Outdoor	mm	790*548*285	790*548*285	660*470*240	660*470*240	790*548*285	720*548*265	880*638*310	790*548*285	660*470*240	660*470*240	880*638*310	880*638*310
Net Weight	Indoor	kg	13	13	8.4	8.4	13	13	13	13	8.4	8.4	13	13
	Outdoor	kg	32.6	32.6	26	26	32.6	32.4	56	32.6	26	26	56	56
Shipping Weight	Indoor	kg	16	16	10.4	10.4	16	16	16	16	10.4	10.4	16	16
	Outdoor	kg	35.4	35.4	30	30	35.4	34.4	58	35.4	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	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø15.88mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	20	20	15	15	15	15	20	20	15	15	15	15
Piping Height	Max	m	8	8	7	7	7	7	8	8	7	7	7	7
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor			•				•		•		•		•
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24		-5~24		-5~24		-5~24		-5~24		-5~24	

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MODEL			Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max
Model Code			AQ25U*PHAC	AS25U*PHAC	AQ12U*PXSG	AS12U*PXSG	AQ18U*PXSG	AS18U*PXSG	AQ24U*PXSG	AS24U*PXSG	AQ12U*PUMG	AS12U*PUMG	AQ18U*PUMG	AS18U*PUMG
AC Type			HP	CO	HP	CO	HP	CO	HP	CO	HP	CO	HP	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	22,861	22,861	12,000	12,000	18,000	18,000	24,000	24,000	12,000	12,000	18,000	18,000
		(min~max)												
		cal/hr.	5,761	5,761	3,024	3,024	4,536	4,536	6,048	6,048	3,024	3,024	4,536	4,536
		(min~max)												
		kW	6.7	6.7	3.5	3.5	5.3	5.3	7.0	7.0	3.5	3.5	5.3	5.3
		(min~max)												
	Heating	Btu/hr.	23,499		13,000		20,000		24,000		13,000		20,000	
		(min~max)												
		cal/hr.	5,922		3,276		5,040		6,048		3,276		5,040	
		(min~max)												
		kW	6.9		3.8		5.9		7.0		3.8		5.9	
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	10.3	10.3	9.2	9.1	9.5	9.0	9.6	9.2	8.6	9.2	9.5	9.5
		EER(W/W)	3.01	3.01	2.71	2.67	2.78	2.64	2.81	2.71	2.51	2.71	2.78	2.78
	Heating	COP(W/W)	3.07		3.29		3.09		2.66		3.1		3.09	
Moisture Removal		ℓ /hr.	2.4	2.4	1.5	1.5	1.8	1.8	2.4	2.4	1.5	1.5	1.8	1.8
Air Circulation (Max)		m³/min	17.0	17.0	9.5	9.5	13.0	13.0	17.0	17.0	9.5	9.5	13.0	13.0
Noise Level	Indoor High/Low	dB	42/33	42/33	36/26	36/26	40/32	40/32	42/33	42/33	36/26	36/26	40/32	40/32
	Outdoor High	dB	54	54	50	50	52	52	54	54	50	50	52	52
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	2225	2225	1300	1320	1900	2000	2500	2600	1400	1300	1900	1900
	Heating	W	2240		1160		1900		2650		1230		1900	
Operating Current	Cooling	A	12	12.5	6	6.1	9	9.5	12	12.5	6.4	6.2	8.8	8.8
	Heating	A	12.5		5.5		9.0		12.5		5.6		8.2	
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	1065*298*222	820*286*190	820*286*190	1065*298*222	1065*298*222	1065*298*222	1065*298*222	820*286*190	820*286*190	1065*298*222	1065*298*222
	Outdoor	mm	880*638*310	880*638*310	660*470*240	660*470*240	790*548*285	720*548*265	790*548*285	790*548*285	660*470*240	660*470*240	790*548*285	720*548*265
Net Weight	Indoor	kg	13	13	8.4	8.4	13	13	13	13	8.4	8.4	13	13
	Outdoor	kg	56	56	26	26	32.6	32.4	32.6	32.6	26	26	32.6	32.4
Shipping Weight	Indoor	kg	16	16	10.4	10.4	16	16	16	16	10.4	10.4	16	16
	Outdoor	kg	58	58	30	30	35.4	34.4	35.4	35.4	30	30	35.4	34.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø15.88mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	20	20	15	15	15	15	20	20	15	15	15	15
Piping Height	Max	m	8	8	7	7	7	7	8	8	7	7	7	7
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor			•						•				•
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24		-5~24		-5~24		-5~24		-5~24		-5~24	

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MODEL			Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	WAC	WAC
Model Code			AQ24U*PUMG	AS24U*PUMG	AQ32U*HAC	AQ30U*BGT	AQ30U*AUMG	AS30U*AUMG	AQ36U*AUMG	AS36U*AUMG	AS30U*AXSG	AS36U*AXSG	AWT12P1BUMG	AHT18U1DUMG
AC Type			HP	CO	HP	HP	HP	CO	HP	CO	CO	CO	CO	HT
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	24,000	24,000	30,000	30,000	30,000	30,000	33,000	33,000	30,000	33,000	12,000	18,000
		(min~max)												
		cal/hr.	6,048	6,048	7,560	7,560	7,560	7,560	8,316	8,316	7,560	8,316	3,024	4,536
		(min~max)												
		kW	7.0	7.0	8.8	8.8	8.8	8.8	9.7	9.7	8.8	9.7	3.517	5.275
		(min~max)												
	Heating	Btu/hr.	24,000		32,000	32,000	32,000		36,000					11,089
		(min~max)												
		cal/hr.	6,048		8,064	8,064	8,064		9,072					2,794
		(min~max)												
		kW	7.0		9.4	9.4	9.4		10.6					3.25
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.2	9.2	10.3	10.3	10.3	10.0	8.7	8.7	9.4	8.7	8.3	8.8
		EER(W/W)	2.71	2.71	3.03	3.03	3.03	2.93	2.55	2.55	2.75	2.55		
	Heating	COP(W/W)	2.71		3.13	3.13	3.13		3.01					
Moisture Removal		ℓ /hr.	2.4	2.4	3.0	3.0	3.0	3.0	3.6	3.6	3.0	3.6	1.2	2.2
Air Circulation (Max)		m³/min	17.0	17.0	20.0	20.0	20.0	20.0	23.0	23.0	20.0	23.0	8.5	11.8
Noise Level	Indoor High/Low	dB	42/33	42/33	46/40	46/40	46/40	46/40	48/40	48/40	46/40	48/40	54	58
	Outdoor High	dB	54	54	57	57	57	57	59	59	57	59	62	63
Electrical Data														
Power Source		V/Hz/ø	220/60/1	220/60/1	200-240/50/1	200-240/50/1	200-240/50/1	220/60/1	220/60/1	220/60/1	200-240/50/1	200-240/50/1	220/60/1	220/60/1
Power Consumption	Cooling	W	2600	2750	2900	2900	2900	3000	3800	3800	3200	3800	1450	2050
	Heating	W	2600		3000	3000	3000		3500					3600
Operating Current	Cooling	A	12	13.5	13.0	13.0	13.0	15.0	18.0	18.0	17.0	18.0	6.7	9.5
	Heating	A	12.0		13.5	13.5	13.5		16.0					14.0
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	1065*298*222	1279*345*229	1279*345*229	1279*345*229	1279*345*229	1279*345*229	1279*345*229	1279*345*229	1279*345*229	560*370*550	660*425*730
	Outdoor	mm	880*638*310	790*548*285	880*798*310	880*798*310	880*798*310	880*789*310	880*950*320	880*950*320	880*798*310	880*950*320		
Net Weight	Indoor	kg	13	13	20	20	20	20	20	20	20	20	32	51.6
	Outdoor	kg	56	32.6	70	70	70	80	80	80	70	80		
Shipping Weight	Indoor	kg	16	16	24	24	24	24	24	24	24	24	35.5	56.8
	Outdoor	kg	58	35.4	76	76	76	85	85	85	76	85		
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø9.52mm	ø9.52mm	ø9.52mm	ø6.35mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm		
	Gas	OD	ø15.88mm	ø15.88mm	ø15.88mm	ø15.88mm	ø15.88mm	ø15.88mm	ø19.05mm	ø19.05mm	ø15.88mm	ø19.05mm		
Piping Length	Max	m	20	20	20	20	20	20	30	30	20	30		
Piping Height	Max	m	8	8	8	8	8	8	15	15	8	15		
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	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	4	4	3	3
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Manual	Manual
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Auto	Auto
	Natural Breeze		•	•	•	•	•	•	•	•	•	•		
Operating Mode	d'light Cool													
	good'sleep		•	•	•	•	•	•	•	•	•	•		
	Smart Saver		•	•	•	•	•	•	•	•	•	•		
	Turbo		•	•	•	•	•	•	•	•	•	•		
	Dehumidification		•	•	•	•	•	•	•	•	•	•		
	Auto Mode		•	•	•	•	•	•	•	•	•	•		
	Fan Mode		•	•	•	•	•	•	•	•	•	•	•	•
	Quiet		•	•	•	•	•	•	•	•	•	•		
Convenience	Filter Cleaning Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor			•										
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	21~43	21~43
	Heating	℃	-5~24		-5~24	-5~24	-5~24		-5~24					

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MODEL			WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC
Model Code			AWT18U1DUMG	AWT18W1DUMG	AWT18WHDUMG	AHT24W1BUMG	AWT24W1DUMG	AWT24WHBUMG	AHT18W1CMID	AWT18W1CMID	AHT24W1CMID	AWT24W1CMID	AW09PKEAFR	AW12PKCAFR
AC Type			CO	CO	CO	HT	CO	CO	HT	CO	HT	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	18,000	18,000	18,000	24,000	24,000	24,000	18,000	18,000	24,000	24,000	8,500	12,000
		(min~max)												
		cal/hr.	4,536	4,536	4,536	6,048	6,048	6,048	4,536	4,536	6,048	6,048	2,142	3,024
		(min~max)												
		kW	5.275	5.275	5.275	7.034	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		11,089			
		(min~max)												
		cal/hr.				2,794			2,794		2,794			
		(min~max)												
		kW				3.25			3.25		3.25			
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	8.8	8.8	8.8	8.6	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.	2.2	2.2	2.2	2.7	2.7	2.7	2.1	2.1	2.5	2.5	0.9	
Air Circulation (Max)		m³/min	11.8	11.8	11.8	13.0	13.0	13.0	11.5	11.5	12.7	12.7	5.9	
Noise Level	Indoor High/Low	dB	58	58	58	60	60	60	58	58	60	60	52	55
	Outdoor High	dB	63	63	63	66	66	66	63	63	66	66	56	63
Electrical Data														
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	2050	2050	2050	2550	2550	2550	2050	2050	2700	2700	990	1330
	Heating	W				3600			3600		3600			
Operating Current	Cooling	A	9.5	9.5	9.5	11.8	11.8	11.8	9.5	9.5	12.3	12.3	4.3	5.8
	Heating	A				14.0			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	660*425*730	660*425*730	660*425*730	660*425*730	500*355*458	530*384*550
	Outdoor	mm												
Net Weight	Indoor	kg	51.6	51.6	51.6	55.8	55.8	55.8	50.9	50.9	58.3	58.3	27.3	27.5
	Outdoor	kg												
Shipping Weight	Indoor	kg	56.4	56.8	56.8	61.3	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	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	3	3	3	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Natural Breeze													
Operating Mode	d'light Cool													
	good'sleep				•			•					•	•
	Smart Saver				•			E.Saver					•	•
	Turbo													
	Dehumidification				•			•					•	•
	Auto Mode													
	Fan Mode		•	•	•	•	•	•	•	•	•	•	•	•
	Quiet													
Convenience	Filter Cleaning Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃												

Middle East

MODEL			WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC
Model Code			AHT24W1CBYD	AWT24W1CBYD	AHT18W1CXSG	AHT24W1CXSG	AWT18W1CXSG	AWT18WHBXSG	AWT24W1CXSG	AWT24WHBXSG	AWT13P1CHAC	AWT13PHCHAC	AWT19F1CHAC	AWT19FHCHAC
AC Type			HT	CO	HT	HT	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	24,000	24,000	18,000	24,000	18,000	18,000	24,000	24,000	12,000	12,000	18,000	18,000
		(min~max)												
		cal/hr.	6,048	6,048	4,536	6,048	4,536	4,536	6,048	6,048	3,024	3,024	4,536	4,536
		(min~max)												
		kW	7.034	7.034	5.275	7.034	5.275	5.275	7.034	7.034	3.517	3.517	5.275	5.275
		(min~max)												
	Heating	Btu/hr.	11,089		11,089	11,089								
		(min~max)												
		cal/hr.	2,794		2,794	2,794								
		(min~max)												
		kW	3.25		3.25	3.25								
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	7.8	7.8	8.8	7.8	8.8	8.8	7.8	7.8	9.55	9.55	9.55	9.55
		EER(W/W)												
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	2.5	2.5	2.1	2.5	2.1	1.9	2.5	2.5	1.5	1.5	2.2	2.2
Air Circulation (Max)		m³/min	12.7	12.7	11.5	12.7	11.5	11.6	12.7	12.7	7.3	7.3	10.6	10.6
Noise Level	Indoor High/Low	dB	60	60	58	60	58	58	60	60	54	54	60	60
	Outdoor High	dB	66	66	63	66	63	63	66	66	62	62	65	65
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	2700	2700	2050	2700	2050	2050	2700	2700	1255	1255	1880	1880
	Heating	W	3600		3600	3600								
Operating Current	Cooling	A	12.3	12.3	9.5	12.3	9.5	9.5	12.3	12.3	5.6	5.6	8.3	8.3
	Heating	A	14.0		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	660*425*730	660*425*730	560*394*558	560*394*558	660*425*730	660*425*730
	Outdoor	mm												
Net Weight	Indoor	kg	58.3	58.3	50.9	58.3	50.9	50.9	58.3	58.3	37.6	37.6	58.4	58.4
	Outdoor	kg												
Shipping Weight	Indoor	kg	63.8	63.8	56.4	63.8	56.4	56.4	63.8	63.8	41.3	41.3	63.2	63.2
	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	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	3	3	3	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	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 Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃												

Middle East

MODEL			WAC	Nova	Nova	Waltz	Waltz	Queen	Queen	Queen	Queen	Queen	Queen	Queen
Model Code			AHT19FGCHAC	AP30N0ANHAC	AP30N1ANHAC	AP30Z0ANHAC	AP30Z1ANHAC	AP50Q0CNHAC	AP50Q1CNHAC	AP50Q1CNMID	AP55Q0CNUMG	AP55Q0DNUMG	AP55Q1CNUMG	AP55Q1DNUMG
AC Type			HT	CO	HP	CO	HP	CO	HP	HP	CO	CO	HP	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	18,000	28,000	28,000	28,000	28,000	48,000	47,000	47,000	52,000	52,000	50,000	50,000
		(min~max)												
		cal/hr.	4,536					12,097	13,100	13,100	13,105	13,105	12,601	12,601
		(min~max)												
		kW	5.275	8.2	8.2	8.2	8.2	14.1	13.8	13.8	15.2	15.2	14.7	14.7
		(min~max)												
	Heating	Btu/hr.	11,089		29,000		29,000		52,000	52,000			53,000	53,000
		(min~max)												
		cal/hr.	2,794						13,105	13,105			13,355	13,355
		(min~max)												
		kW	3.25		8.5		8.5		15.2	15.2			15.5	15.5
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.55	9.33	9.33	9.66	9.66	9.60	9.40	9.40	9.63	9.63	9.43	9.43
		EER(W/W)		2.73	2.73	2.83	2.83	2.82	2.76	2.76	2.81	2.81	2.77	2.77
	Heating	COP(W/W)			2.83		2.93							
Moisture Removal		ℓ /hr.	2.2	2.9	2.9	3.1	3.1							
Air Circulation (Max)		m³/min	10.6	19.5	19.5	18.0	18.0	36.0	36.0	36.0	41.0	41.0	41.0	41.0
Noise Level	Indoor High/Low	dB	60	53	53	50	50	59	59	59	59	59	59	59
	Outdoor High	dB	65	63	63	63	63	67	67	67	67	67	67	67
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	1P2W, 220~240/50	1P2W, 220~240/50	1P2W, 220~240/50	380/50/3N	380/50/3N	380/50/3N	220/60/3N	220/60/3N	220/60/3N	220/60/3N
Power Consumption	Cooling	W	1880	3000	3000	2900	2900	5000	5000	5000	5400	5400	5300	5300
	Heating	W			3000		2900		4700	4700			5100	5100
Operating Current	Cooling	A	8.3	13.0	13.0	12.5	12.5	9.0	8.8	8.8	16.5	16.5	16.0	16.0
	Heating	A			13.0		12.5		8.5	8.5			18.5	18.5
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	660*425*730	525*1830*317	525*1830*317	532*1830*319	532*1830*319	650*1850*395	650*1850*395	650*1850*395	650*1850*395	650*1850*395	650*1850*395	650*1850*395
	Outdoor	mm		880*798*310	880*798*310	880*798*310	880*798*310	932*1128*375	932*1128*375	932*1128*375	932*1128*375	932*1128*375	932*1128*375	932*1128*375
Net Weight	Indoor	kg	58.4	35.0	35	40.5	40.5	62	62	62	62	62	62	62
	Outdoor	kg		57	59	57	59	105	105	105	105	105	105	105
Shipping Weight	Indoor	kg	63.2	40	40	46	46	65	65	65	65	65	70	70
	Outdoor	kg		60	62	60	62	115	115	115	115	115	115	115
Technical Information														
SVC Valve	Liquid	OD		ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm	ø9.52mm
	Gas	OD		ø15.88mm	ø15.88mm	ø15.88mm	ø15.88mm	ø19.05mm	ø19.05mm	ø19.05mm	ø19.05mm	ø19.05mm	ø19.05mm	ø19.05mm
Piping Length	Max	m		15	15	15	15	25	25	25	50	50	50	50
Piping Height	Max	m		15	15	15	15	15	15	15	30	30	30	30
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter					•	•	•	•	•	•	•	•	•
	Full HD Filter		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	3	3	3	3
	Air Direction (Up/Down)		Manual	Auto	Auto			Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	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 Indicatior					•								
	Indoor Temp. Display		•	•	•	•	•	•	•	•	•	•	•	•
	Remote Controller		•	•	•	•	•	•	•	•	•	•	•	•
	Display On/Off													
	Beep On/Off													
	Real-time Timer													
	24-Hour Timer		•	•	•	•	•	•	8-Hour Timer	8-Hour Timer	8-Hour Timer	8-Hour Timer	8-Hour Timer	8-Hour Timer
	Auto Restart			•	•	•	•	•	•	•	•	•	•	•
	Auto Changeover				•					•	•		•	•
Outdoor Unit	Compressor Type		UTR	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)
	Anti-corrosion Fin		•	•	•	•	•	•	•	•				
	Multi-channel Condensor													
Low Ambient	Cooling	℃	21~43											
	Heating	℃												

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
		EER(W/W)	2.81	2.81
	Heating	COP(W/W)	2.06	2.06
Moisture Removal		ℓ /hr.		
Air Circulation (Max)		m³/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			
	Optimal Single Blade			
	Fan speed(Steps)		3	3
	Air Direction (Up/Down)		Auto	Auto
	Air Direction (Left/Right)		Auto	Auto
	Natural Breeze			
Operating Mode	d'light Cool			
	good'sleep			
	Smart Saver		•	•
	Turbo		•	•
	Dehumidification		•	•
	Auto Mode		•	•
	Fan Mode		•	•
	Quiet			
Convenience	Filter Cleaning Indicatior			
	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		•	•
Outdoor Unit	Compressor Type		Rotary (UTR)	Rotary (UTR)
	Anti-corrosion Fin			
	Multi-channel Condensor			
Low Ambient	Cooling	℃		
	Heating	℃		

Africa

MODEL			P-series (Maldives)	P-series (Maldives)	P-series (Maldives)	P-series (Maldives)
Model Code			AQV09P*LNXFA	AQV12P*LNXFA	AQV18P*LNXFA	AQV24P*LNXFA
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
		EER(W/W)	3.40	3.21	3.40	3.21
	Heating	COP(W/W)	3.63	3.61	3.61	3.61
Moisture Removal		ℓ /hr.	1.0	1.4	2.5	3.0
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0
Noise Level	Indoor High/Low	dB	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					
	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 Indicatior					
	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		•	•	•	•
	Multi-channel Condensor					
Low Ambient	Cooling	℃	16~43	16~43	16~43	16~43
	Heating	℃	-10~24	-10~24	-10~24	-10~24

Africa

MODEL			MB	MB	MB	MB	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace	Vivace
Model Code			AQ09A*AAFR	AQ12A*AAFR	AQ18A*AAFR	AQ24A*AAFR	AQ09V*EMID	AQ12V*EMID	AQ18V*EMID	AQ09V*EAFR	AQ12V*EAFR	AQ18V*EAFR	AQ24V*EAFR	AQ09V*ANXFA
AC Type			HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000	9,000	12,000	18,000	9,000	12,000	18,000	24,000	9,000
		(min~max)												
		cal/hr.	2,322	3,009	4,385	5,847	2,322	3,024	4,385	2,322	3,024	4,385	5,847	2,322
		(min~max)												
		kW	2.7	3.5	5.1	6.8	2.7	3.5	5.1	2.7	3.5	5.1	6.8	2.7
		(min~max)												
	Heating	Btu/hr.	10,000	13,000	20,000	24,000	10,000	13,000	20,000	10,000	13,000	20,000	24,000	10,000
		(min~max)												
		cal/hr.	2,494	3,267	4,987	6,019	2,494	3,267	4,815	2,494	3,267	4,815	6,019	2,494
		(min~max)												
		kW	2.9	3.8	5.8	7.0	2.9	3.8	5.6	2.9	3.8	5.6	7.0	2.9
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.8	9.6	9.5	9.2	9.2	9.5	9.5	9.2	9.5	9.5	9.2	9.2
		EER(W/W)	2.87	2.80	2.78	2.71	2.76	2.78	2.68	2.76	2.78	2.68	2.62	2.76
	Heating	COP(W/W)	3.30	3.22	3.13	2.71	3.22	3.23	2.95	3.22	3.23	2.95	2.64	3.22
Moisture Removal		ℓ /hr.	1.0	1.3	1.9	2.6	1.0	1.5	1.9	1.0	1.5	1.9	2.6	1.0
Air Circulation (Max)		m³/min	8.0	9.0	15.0	17.0	8.0	9.3	15.0	8.0	9.3	15.0	17.0	8.0
Noise Level	Indoor High/Low	dB	32/24	35/26	40/32	42/33	32/24	35/26	40/32	32/24	35/26	40/32	42/33	32/24
	Outdoor High	dB	48	50	52	54	48	50	52	48	50	52	54	48
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	940	1250	1900	2600	980	1260	1900	980	1260	1900	2600	980
	Heating	W	880	1180	1870	2600	900	1180	1900	900	1180	1900	2650	900
Operating Current	Cooling	A	4.3	5.6	9	12.5	4.6	5.8	9.0	4.6	5.8	9.0	12.5	4.6
	Heating	A	3.9	5.3	9.0	12.5	4.1	5.3	9.0	4.1	5.3	9.0	12.5	4.1
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	900*304*185	900*304*185	1100*307*225	1100*307*225	825*285*189	825*285*189	1065*298*214	825*285*189	825*285*189	1065*298*214	1065*298*214	825*285*189
	Outdoor	mm	660*470*240	720*548*265	790*548*285	880*638*310	660*470*240	660*470*240	790*548*285	660*470*240	660*470*240	790*548*285	790*548*285	660*470*240
Net Weight	Indoor	kg	10.2	10.2	12.7	12.7	9	9	13	9	9	13	13	9
	Outdoor	kg	26	33.8	39	56	26	28	39	26	28	39	41	26
Shipping Weight	Indoor	kg	11.5	11.5	16	16	11	11	16	11	11	16	16	11
	Outdoor	kg	27.5	35	43	58	27.5	30	43	27.5	30	43	45	27.5
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm
Piping Length	Max	m	15	15	15	20	15	15	15	15	15	15	20	15
Piping Height	Max	m	7	7	8	8	7	7	8	7	7	8	8	7
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter		•	•	•									
	Full HD Filter		80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor													
Low Ambient	Cooling	℃	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24

Africa

MODEL			Vivace	Vivace	Vivace	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal
Model Code			AQ12V*ANXFA	AQ18V*ANXFA	AQ24V*ANXFA	AS09E*PXSG	AS12E*PXSG	AS18E*PXSG	AS24E*PXSG	AQ09E*PNXFA	AS09E*PNXFA	AQ12E*PNXFA	AS12E*PNXFA	AQ18E*PNXFA
AC Type			HP	HP	HP	CO	CO	CO	CO	HP	CO	HP	CO	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	12,000	18,000	24,000	9,000	12,000	18,000	24,000	9,500	9,000	12,000	12,000	18,000
		(min~max)												
		cal/hr.	3,024	4,385	5,847	2,268	3,024	4,536	6,048	2,394	2,268	3,024	3,024	4,536
		(min~max)												
		kW	3.5	5.1	6.8	2.6	3.5	5.3	7.0	2.8	2.6	3.5	3.5	5.3
		(min~max)												
	Heating	Btu/hr.	13,000	20,000	24,000					10,000		13,000		20,000
		(min~max)												
		cal/hr.	3,267	4,815	6,019					2,520		3,276		5,040
		(min~max)												
		kW	3.8	5.6	7.0					2.9		3.8		5.9
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.5	9.2	9.2	9.1	9.0	9.2	9.5	9.2	9.2	9.1	9.5
		EER(W/W)	2.78	2.68	2.62	2.7	2.67	2.64	2.71	2.78	2.7	2.71	2.67	2.78
	Heating	COP(W/W)	3.23	2.95	2.64					3.25		3.29		3.09
Moisture Removal		ℓ /hr.	1.5	1.9	2.6	1.0	1.5	1.8	2.4	1.0	1.0	1.5	1.5	1.8
Air Circulation (Max)		m³/min	9.3	15.0	17.0	7.5	9.5	13.0	17.0	7.5	7.5	9.5	9.5	13.0
Noise Level	Indoor High/Low	dB	35/26	40/32	42/33	32/24	35/26	40/32	42/33	32/24	32/24	35/26	35/26	40/32
	Outdoor High	dB	50	52	54	48	50	52	54	48	48	50	50	52
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1260	1900	2600	980	1320	2000	2600	1000	980	1300	1320	1900
	Heating	W	1180	1900	2650					900		1160		1900
Operating Current	Cooling	A	5.8	9.0	12.5	4.6	6.1	9.5	12.5	4.6	4.6	6	6.1	9
	Heating	A	5.3	9.0	12.5					4.2		5.5		9
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	825*285*189	1065*298*214	1065*298*214	820*286*190	820*286*190	1065*298*222	1065*298*222	820*286*190	820*286*190	820*286*190	820*286*190	1065*298*222
	Outdoor	mm	720*548*265	790*548*285	790*548*285	660*470*240	660*470*240	720*548*265	790*548*285	660*475*242	660*470*240	660*470*240	660*470*240	790*548*285
Net Weight	Indoor	kg	9	13	13	8.4	8.4	13	13	8.4	8.4	8.4	8.4	13
	Outdoor	kg	28	39	41	26	26	32.4	32.6	26	26	26	26	32.6
Shipping Weight	Indoor	kg	11	16	16	10.4	10.4	16	16	10.4	10.4	10.4	10.4	16
	Outdoor	kg	30	43	45	30	30	34.4	35.4	30	30	30	30	35.4
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	15	20	15	15	15	20	15	15	15	15	15
Piping Height	Max	m	7	8	8	7	7	7	8	7	7	7	7	7
Features														
Air Purification	S-Plasma ion		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Roof Shutter													
	Full HD Filter		60	60	60	80	80	80	80	80	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior					•	•	•	•	•	•	•	•	•
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor								•					
Low Ambient	Cooling	℃	21~43	21~43	21~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃	-5~24	-5~24	-5~24					-5~24		-5~24		-5~24

Africa

MODEL			Crystal	Crystal	Crystal	Max	Max	Max	Max	Max	Max	Max	Max	Max
Model Code			AS18E*PNXFA	AQ24E*PNXFA	AS24E*PNXFA	AS09U*PAFR	AS12U*PAFR	AS18U*PAFR	AS24U*PAFR	AS09U*PXSG	AS12U*PXSG	AS18U*PXSG	AS24U*PXSG	AQ09U*PNXFA
AC Type			CO	HP	CO	CO	CO	CO	CO	CO	CO	CO	CO	HP
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	18,000	24,000	24,000	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000	9,500
		(min~max)												
		cal/hr.	4,536	6,048	6,048	2,268	3,024	4,536	6,048	2,268	3,024	4,536	6,048	2,394
		(min~max)												
		kW	5.3	7.0	7.0	2.6	3.5	5.3	7.0	2.6	3.5	5.3	7.0	2.8
		(min~max)												
	Heating	Btu/hr.		24,000										10,000
		(min~max)												
		cal/hr.		6,048										2,520
		(min~max)												
		kW		7.0										2.9
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.0	9.6	9.2	9.2	9.1	9.0	9.2	9.2	9.1	9.0	9.2	9.5
		EER(W/W)	2.64	2.81	2.71	2.7	2.67	2.64	2.71	2.7	2.67	2.64	2.71	2.78
	Heating	COP(W/W)		2.66										3.25
Moisture Removal		ℓ /hr.	1.8	2.4	2.4	1.0	1.5	1.8	2.4	1.0	1.5	1.8	2.4	1.0
Air Circulation (Max)		m³/min	13.0	17.0	17.0	7.5	9.5	13.0	17.0	7.5	9.5	13.0	17.0	7.5
Noise Level	Indoor High/Low	dB	40/32	42/33	42/33	32/24	35/26	40/32	42/33	32/24	35/26	40/32	42/33	32/24
	Outdoor High	dB	52	54	54	48	50	52	54	48	50	52	54	48
Electrical Data														
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	2000	2500	2600	980	1320	2000	2600	980	1320	2000	2600	1000
	Heating	W		2650										900
Operating Current	Cooling	A	9.5	12	12.5	4.6	6.1	9.5	12.5	4.6	6.1	9.5	12.5	4.6
	Heating	A		12.5										4.2
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1065*298*222	1065*298*222	1065*298*222	820*286*190	820*286*190	1065*298*222	1065*298*222	820*286*190	820*286*190	1065*298*222	1065*298*222	820*286*190
	Outdoor	mm	720*548*265	790*548*285	790*548*285	660*470*240	660*470*240	720*548*265	790*548*285	660*470*240	660*470*240	720*548*265	790*548*285	660*470*240
Net Weight	Indoor	kg	13	13	13	8.4	8.4	13	13	8.4	8.4	13	13	8.4
	Outdoor	kg	32.4	32.6	32.6	26	26	32.4	32.6	26	26	32.4	32.6	26
Shipping Weight	Indoor	kg	16	16	16	10.4	10.4	16	16	10.4	10.4	16	16	10.4
	Outdoor	kg	34.4	35.4	35.4	30	30	34.4	35.4	30	30	34.4	35.4	30
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø12.7mm	ø15.88mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm	ø12.7mm	ø12.7mm	ø15.88mm	ø9.52mm
Piping Length	Max	m	15	20	20	15	15	15	20	15	15	15	20	15
Piping Height	Max	m	7	8	8	7	7	7	8	7	7	7	8	7
Features														
Air Purification	S-Plasma ion		•	•	•									
	Auto Roof Shutter													
	Full HD Filter		80	80	80	60	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior		•		•									
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor				•				•				•	
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
	Heating	℃		-5~24										-5~24

Africa

MODEL			Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	WAC
Model Code			AS09U*PNXFA	AQ12U*PNXFA	AS12U*PNXFA	AQ18U*PNXFA	AS18U*PNXFA	AQ24U*PNXFA	AS24U*PNXFA	AS30U*AXSG	AS36U*AXSG	AQ30U*ANXFA	AS30U*ANXFA	AW09PKEAFR
AC Type			CO	HP	CO	HP	CO	HP	CO	CO	CO	HP	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	9,000	12,000	12,000	18,000	18,000	24,000	24,000	30,000	33,000	30,000	30,000	8,500
		(min~max)												
		cal/hr.	2,268	3,024	3,024	4,536	4,536	6,048	6,048	7,560	8,316	7,560	7,560	2,142
		(min~max)												
		kW	2.6	3.5	3.5	5.3	5.3	7.0	7.0	8.8	9.7	8.8	8.8	2.491
		(min~max)												
	Heating	Btu/hr.		13,000		20,000		24,000				32,000		
		(min~max)												
		cal/hr.		3,276		5,040		6,048				8,065		
		(min~max)												
		kW		3.8		5.9		7.0				9.4		
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	9.2	9.2	9.1	9.5	9.0	9.6	9.2	9.4	8.7	10.3	9.4	8.6
		EER(W/W)	2.7	2.71	2.67	2.78	2.64	2.81	2.71	2.75	2.55	3.03	2.75	
	Heating	COP(W/W)		3.29		3.09		2.66				3.13		
Moisture Removal		ℓ /hr.	1.0	1.5	1.5	1.8	1.8	2.4	2.4	3.0	3.6	3.0	3.0	0.9
Air Circulation (Max)		m³/min	7.5	9.5	9.5	13.0	13.0	17.0	17.0	20.0	23.0	25.0	20.0	5.9
Noise Level	Indoor High/Low	dB	32/24	35/26	35/26	40/32	40/32	42/33	42/33	46/40	48/40	46/40	46/40	52
	Outdoor High	dB	48	50	50	52	52	54	54	57	59	57	57	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	200-240/50/1	200-240/50/1	220~240/50/1	200-240/50/1	220~240/50/1
Power Consumption	Cooling	W	980	1300	1320	1900	2000	2500	2600	3200	3800	2900	3200	990
	Heating	W		1160		1900		2650				3000		
Operating Current	Cooling	A	4.6	6	6.1	9	9.5	12	12.5	17.0	18	13	17	4.3
	Heating	A		5.5		9		12.5				13.5		
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*286*190	820*286*190	820*286*190	1065*298*222	1065*298*222	1065*298*222	1065*298*222	1279*345*229	1279*345*229	1279*345*229	1279*345*229	500*355*458
	Outdoor	mm	660*470*240	660*470*240	660*470*240	790*548*285	720*548*265	790*548*285	790*548*285	880*798*310	880*950*320	880*798*310	880*798*310	
Net Weight	Indoor	kg	8.4	8.4	8.4	13	13	13	13	20	20	18.5	20	27.3
	Outdoor	kg	26	26	26	32.6	32.4	32.6	32.6	70	80	64	70	
Shipping Weight	Indoor	kg	10.4	10.4	10.4	16	16	16	16	24	24	22	24	29.3
	Outdoor	kg	30	30	30	35.4	34.4	35.4	35.4	76	85	72	76	
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø6.35mm	ø9.52mm	ø9.52mm	ø6.35mm	ø9.52mm	
	Gas	OD	ø9.52mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.88mm	ø15.88mm	ø15.88mm	ø19.05mm	ø15.88mm	ø15.88mm	
Piping Length	Max	m	15	15	15	15	15	20	20	20	30	20	20	
Piping Height	Max	m	7	7	7	7	7	8	8	8	15	8	8	
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		60	60	60	60	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	4	4	4	3
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Manual
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Auto
	Natural Breeze		•	•	•	•	•	•	•	•	•	•	•	
Operating Mode	d'light Cool													
	good'sleep		•	•	•	•	•	•	•	•	•	•	•	•
	Smart Saver		•	•	•	•	•	•	•	•	•	•	•	•
	Turbo		•	•	•	•	•	•	•	•	•	•	•	
	Dehumidification		•	•	•	•	•	•	•	•	•	•	•	•
	Auto Mode		•	•	•	•	•	•	•	•	•	•	•	
	Fan Mode		•	•	•	•	•	•	•	•	•	•	•	•
	Quiet		•	•	•	•	•	•	•	•	•	•	•	
Convenience	Filter Cleaning Indicatior													
	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	UTR	UTR	UTR	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor								•					
Low Ambient	Cooling	℃	15~43	15~43	15~43	15~43	15~43	15~43	15~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃		-5~24		-5~24		-5~24				-5~24		

Africa

MODEL			WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC	WAC
Model Code			AW12PKCAFR	AW18PKCAFR	AW24PKCAFR	AW09PKE2CBM	AW12PKB2CBM	AW18PKB2CBM	AW24PKB2CBM	AW09PKE2DAJ	AW12PKB2DAJ	AW18PKB2DAJ
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance												
Capacity	Cooling	Btu/hr.	12,000	18,000	22,000	8,500	12,000	18,000	22,000	8,500	12,000	18,000
		(min~max)										
		cal/hr.	3,024	4,536	5,544	2,142	3,024	4,536	5,544	2,142	3,024	4,536
		(min~max)										
		kW	3.517	5.275	6.448	2.491	3.517	5.275	6.448	2.491	3.517	5.275
		(min~max)										
	Heating	Btu/hr.										
		(min~max)										
		cal/hr.										
		(min~max)										
		kW										
		(min~max)										
Energy Efficiency	Cooling	EER(Btu/W)	9.0	9.5	8.0	8.6	9.0	9.5	8.0	8.6	9.0	9.5
		EER(W/W)										
	Heating	COP(W/W)										
Moisture Removal		ℓ /hr.	1.2	2.4	4.1	0.9	1.3	2.6	4.1	0.9	1.3	2.6
Air Circulation (Max)		m³/min	8.4	13.0	13.8	5.9	8.0	12.5	13.8	5.9	8.0	12.5
Noise Level	Indoor High/Low	dB	55	58	61	52	54	58	61	52	54	58
	Outdoor High	dB	63	64	66	56	59	64	66	56	59	64
Electrical Data												
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1330	1890	2750	990	1330	1890	2750	990	1330	1890
	Heating	W										
Operating Current	Cooling	A	5.8	8.4	12	4.3	5.8	8.3	12	4.3	5.8	8.3
	Heating	A										
Dimension & Loading Q'ty												
Net Dimension (WxHxD)	Indoor	mm	530*384*550	620*425*640	620*425*640	500*355*458	560*370*550	620*425*640	620*425*640	500*355*458	560*370*550	620*425*640
	Outdoor	mm										
Net Weight	Indoor	kg	27.5	47.5	58	27.3	32.5	47	54.3	27.3	32.5	47
	Outdoor	kg										
Shipping Weight	Indoor	kg	30.5	52	63	29.3	36.7	51.6	58.9	29.3	36.7	51.6
	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	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	3	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Natural Breeze											
Operating Mode	d'light Cool											
	good'sleep		•	•	•	•	•	•	•	•	•	•
	Smart Saver		•	•	•	E.Saver	E.Saver	E.Saver	E.Saver	E.Saver	E.Saver	E,Saver
	Turbo											
	Dehumidification		•	•	•	•	•	•	•	•	•	•
	Auto Mode											
	Fan Mode		•	•	•	•	•	•	•	•	•	•
	Quiet											
Convenience	Filter Cleaning Indicatior											
	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	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor											
Low Ambient	Cooling	℃	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃										

MODEL			WAC	WAC	WAC	WAC
Model Code			AW12PKB2SIM	AW18PKB2SIM	AW24PKB2SIM	AW09PKE2SIM
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)				
		kW	3.517	5.275	6.448	2.491
		(min~max)				
	Heating	Btu/hr.				
		(min~max)				
		cal/hr.				
		(min~max)				
		kW				
		(min~max)				
Energy Efficiency	Cooling	EER(Btu/W)	9.0	9.5	8.0	8.6
		EER(W/W)				
	Heating	COP(W/W)				
Moisture Removal		ℓ /hr.	1.3	2.6	4.1	0.9
Air Circulation (Max)		m³/min	8.0	12.5	13.8	5.9
Noise Level	Indoor High/Low	dB	54	58	61	52
	Outdoor High	dB	59	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	8.3	12	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
	Outdoor	mm				
Net Weight	Indoor	kg	32.5	47	54.3	27.3
	Outdoor	kg				
Shipping Weight	Indoor	kg	36.7	51.6	58.9	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					
	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		E.Saver	E.Saver	E.Saver	E.Saver
	Turbo					
	Dehumidification		•	•	•	•
	Auto Mode					
	Fan Mode		•	•	•	•
	Quiet					
Convenience	Filter Cleaning Indicatior					
	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		•	•	•	•
	Multi-channel Condensor					
Low Ambient	Cooling	℃	21~43	21~43	21~43	21~43
	Heating	℃				

Africa

MODEL			WAC	WAC	WAC	WAC	WAC	WAC	WAC	Nova	Waltz	Queen
Model Code			AW18PKB2SIM	AW09P1EXFA	AZ09PHBXFA	AW12P1CXFA	AZ12PHAXFA	AW18P1CXFA	AW24P1CXFA	AP28N0ANXSG	AP28Z0RANXSG	AP50Q0CNAFR
AC Type			CO	CO	HP	CO	HP	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance												
Capacity	Cooling	Btu/hr.	18,000	8,500	8,400	12,000	11,000	18,000	22,000	28,000	28,000	48,000
		(min~max)										
		cal/hr.	4,536	2,142	2,117	3,024	2,772	4,536	5,544			12,097
		(min~max)										
		kW	5.275	2.491	2.462	3.517	3.224	5.275	6.448	8.20	8.2	14.1
		(min~max)										
	Heating	Btu/hr.			8,200		11,000					
		(min~max)										
		cal/hr.			2,066		2,772					
		(min~max)										
		kW			2.403		3.224					
		(min~max)										
Energy Efficiency	Cooling	EER(Btu/W)	9.5	8.6	8.4	9.0	7.9	9.5	8.0	9.33	9.66	9.60
		EER(W/W)								2.73	2.83	2.82
	Heating	COP(W/W)										
Moisture Removal		ℓ /hr.	2.6	0.9	1	1.2	1.5	2.4	4.1	2.9	3.1	4.1
Air Circulation (Max)		m³/min	12.5	5.9	6.5	8.4	8.5	13.0	13.8	19.5	18.0	36.0
Noise Level	Indoor High/Low	dB	58	52	54	55	54	58	61	53	50	59
	Outdoor High	dB	64	56	62	63	62	64	66	63	63	67
Electrical Data												
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	380/50/3
Power Consumption	Cooling	W	1890	990	1000	1330	1390	1890	2750	3000	2900	5000
	Heating	W			1000		1260					
Operating Current	Cooling	A	8.3	4.3	4.4	5.8	5.9	8.4	12	13.0	12.5	9.0
	Heating	A			4.4		5.4					
Dimension & Loading Q'ty												
Net Dimension (WxHxD)	Indoor	mm	620*425*640	500*355*458	560*370*550	530*384*550	560*370*550	620*425*640	620*425*640	525*1830*317	532*1830*319	650*1850*395
	Outdoor	mm								880*798*310	880*798*310	932*1128*375
Net Weight	Indoor	kg	47	27.3	32.5	27.5	35.5	47.5	58	35.0	40.5	62
	Outdoor	kg								57	57	105
Shipping Weight	Indoor	kg	51.6	29.3	36	30.5	39	52	63	40	46	65
	Outdoor	kg								60	60	115
Technical Information												
SVC Valve	Liquid	OD								ø6.35mmx5m	ø6.35mmx5m	ø9.52mmx5m
	Gas	OD								ø15.88mmx5m	ø15.88mmx5m	ø19.05mmx5m
Piping Length	Max	m								15	15	25
Piping Height	Max	m								15	15	15
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)		3	3	3	3	3	3	3	3	3	3
	Air Direction (Up/Down)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Auto		Auto
	Air Direction (Left/Right)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Natural Breeze											
Operating Mode	d'light Cool											
	good'sleep		•		•		•					
	Smart Saver		E.Saver		E.Saver		E.Saver					
	Turbo									•	•	•
	Dehumidification		•		•		•			•	•	•
	Auto Mode									•	•	•
	Fan Mode		•	•	•	•	•	•	•	•	•	•
	Quiet											
Convenience	Filter Cleaning Indicatior										•	
	Indoor Temp. Display		•	•	•		•			•	•	•
	Remote Controller		•		•		•			•	•	•
	Display On/Off											
	Beep On/Off											
	Real-time Timer											
	24-Hour Timer		•		•		•			•	•	8-Hour Timer
	Auto Restart		•							•	•	•
	Auto Changeover											
Outdoor Unit	Compressor Type		Rotary	Rotary	UTR	UTR	UTR	UTR	UTR	Rotary (UTR)	Rotary (UTR)	Rotary (UTR)
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor											
Low Ambient	Cooling	℃	21~43	21~43	21~43	21~43	21~43	21~43	21~43			
	Heating	℃			00~24		0~24					

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MODEL			P-seies (Maldives)	P-seies (Maldives)	P-seies (Maldives)	S-Crystal	S-Crystal	S-Crystal	Crystal	Crystal	Crystal	S-Boracay	S-Boracay	S-Boracay
Model Code			ASV125P*BSTL	ASV185P*BSTL	ASV245P*BSTL	AS125TKCSTL	AS183TGCSTL	AS185TKCSTL	AS185EWDSTL	AS243ESDSTL	AS183ESDXTL	AS123BGCSTL	AS125BGCSTL	AS183BGCSTL
AC Type			INV. CO	INV. CO	INV. CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R410A	R410A	R410A	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.	11,601	17,742	21,154									
		(min~max)	3,310~13,648	4,094~21,154	4,777~28,149									
		cal/hr.	2,924	4,472	5,332									
		(min~max)	834~3,439	1,032~5,331	1,204~7,094									
		kW	3.4	5.2	6.2	3,800	5,200	5,200	5,300	6,500	5,275	3,700	3,800	5,200
		(min~max)	0.97~4.0	1.2~6.2	1.4~8.25									
	Heating	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW												
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)	11.9	12.1	11.7									
		EER(W/W)	3.48	3.55	3.44	3.11	2.84	3.19	3.14	2.83	2.82	2.85	3.11	2.84
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	1.4	2.5	3.0	1.5	2.0	2.0	2.0	2.5	2.0	1.5	1.5	2.0
Air Circulation (Max)		m³/min	9.0	13.0	15.0	12.0	15.0	15.0	15.0	17.0	15.0	12.0	12.0	15.0
Noise Level	Indoor High/Low	dB	37/21	41/30	42/30	37/27	40/31	40/31	40/31	42/33	40/31	37/27	37/27	40/31
	Outdoor High	dB	46	53	55	50	52	52	52	54	52	50	50	52
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	230/50/1	230/50/1	230/50/1
Power Consumption	Cooling	W	970	1450	1780	1220	1830	1630	1690	2300	1870	1300	1220	1830
	Heating	W												
Operating Current	Cooling	A	4.3	7.2	8.5	5.4	8.0	7.3	7.5	10.2	8.2	5.8	5.4	8.0
	Heating	A												
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	820*285*205	1065*298*230	1065*298*230	890*190*285	1065*222*298	1065*222*298	1,065*225*298	1,065*225*298	1,065*225*298	890*190*285	890*190*285	1,065*225*298
	Outdoor	mm	720*548*265	790*545*285	880*798*310	790*548*285	790*548*285	880*638*310	880*638*310	880*638*310	720*548*265	720*548*265	790*548*285	790*548*285
Net Weight	Indoor	kg	8.8	13	13	9.9	13	13	13	13	13	9.9	9.9	13
	Outdoor	kg	31	36	52	39	44	56	56	56	37	29.4	39	44
Shipping Weight	Indoor	kg	10.8	16	16	12.1	16	16	16	16	16	12.1	12.1	16
	Outdoor	kg	35.5	40	53.6	43	47	58	58	58	41	32.4	43	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	ø6.35mm	ø6.35mm	ø6.35mm
	Gas	OD	ø9.52mm	ø12.7mm	ø15.88mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm	ø15.8mm	ø12.7mm	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	30	30	15	15	15	15	20	15	15	15	15
Piping Height	Max	m	7	15	15	8	8	8	8	8	8	8	8	8
Features														
Air Purification	S-Plasma ion													
	Auto Roof Shutter													
	Full HD Filter		80	80	80	60	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR/STF	UTR/STF	UTR/STF	UTR	UTR	UTR	UTR/STF	UTR/STF	UTR/STF
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor		•	•	•	•	•	•	•	•	•	•	•	•
Low Ambient	Cooling	℃	16~43	16~43	16~43	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54
	Heating	℃												

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MODEL			S-Boracay	S-Boracay	Boracay Plus	Boracay Plus	Boracay Plus	Boracay Plus	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)	T-series (Boracay)
Model Code			AS185BGCSTL	AS183BGCXTL	AS123BBDSTL	AS183BBDSTL	AS185BBDSTL	AS183BBDXTL	AS123BSDSTL	AS125BSDSTL	AS183BSDSTL	AS185BSDSTL	AS243BSDSTL	AS183BSDXTL
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW	5,200	5,200	3,516	5,275	5,300	5,275	3,516	3,650	5,275	5,300	6,500	5,275
		(min~max)												
	Heating	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW												
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)												
		EER(W/W)	3.19	2.84	2.84	2.82	3.14	2.82	2.84	3.12	2.82	3.14	2.83	2.82
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	2.0	2.0	1.5	2.0	2.0	2.0	1.5	1.5	2.0	2.0	2.5	2.0
Air Circulation (Max)		m³/min	15.0	15.0	10.0	15.0	15.0	15.0	10.0	12.0	15.0	15.0	17.0	15.0
Noise Level	Indoor High/Low	dB	40/31	40/31	37/27	40/31	40/31	40/31	37/27	37/27	40/31	40/31	42/33	40/31
	Outdoor High	dB	52	52	50	52	52	52	50	50	52	52	54	52
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	230/50/1	230/50/1	230/50/1
Power Consumption	Cooling	W	1630	1830	1240	1870	1690	1870	1240	1170	1870	1690	2300	1870
	Heating	W												
Operating Current	Cooling	A	7.3	8.0	5.5	8.2	7.5	8.2	5.5	5.1	8.2	7.5	10.2	8.2
	Heating	A												
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1,065*225*298	1,065*225*298	890*210*285	1,065*225*298	1,065*225*298	1,065*225*298	890*210*285	890*210*285	1,065*225*298	1,065*225*298	1,065*225*298	1,065*225*298
	Outdoor	mm	880*638*310	790*548*285	660*470*240	720*548*265	880*638*310	720*548*265	660*470*240	720*548*265	720*548*265	880*638*310	880*638*310	720*548*265
Net Weight	Indoor	kg	13	13	9.2	13	13	13	9.2	9.9	13	13	13	13
	Outdoor	kg	56	44	25	37	56	37	25	29.4	37	56	56	37
Shipping Weight	Indoor	kg	16	16	11.4	16	16	16	11.4	12.1	16	16	16	16
	Outdoor	kg	58	47	29	41	58	41	29	32.4	41	58	58	41
Technical Information														
SVC Valve	Liquid	OD	ø6.35mm	ø6.35mm	ø6.35mm	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	ø12.7mm	ø15.8mm	ø12.7mm
Piping Length	Max	m	15	15	15	15	15	15	15	15	15	15	20	15
Piping Height	Max	m	8	8	8	8	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	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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/STF	UTR/STF	UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor		•	•	•	•	•	•	•	•	•	•	•	•
Low Ambient	Cooling	℃	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54
	Heating	℃												

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MODEL			Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Max
Model Code			AS122UGDSTL	AS122USDSTL	AS123UGDSTL	AS182SGDSTL	AS182SSDSTL	AS183UGDSTL	AS242UGDSTL	AS242USDSTL	AS182SSDXTL	AS182SGDXTL	AS183UGDXTL	AS242USDXTL
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW	3,516	3,516	3,516	5,050	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)	2.64	2.64	2.84	2.63	2.63	2.82	2.69	2.69	2.63	2.63	2.82	2.69
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	1.5	1.5	1.5	2.0	2.0	2.0	2.5	2.5	2.0	2.0	2.0	2.5
Air Circulation (Max)		m³/min	10.0	10.0	10.0	12.0	12.0	15.0	17.0	17.0	12.0	12.0	15.0	17.0
Noise Level	Indoor High/Low	dB	37/27	37/27	37/27	40/31	40/31	40/31	42/33	42/33	40/31	40/31	40/31	42/33
	Outdoor High	dB	50	50	50	52	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	230/50/1	230/50/1	230/50/1
Power Consumption	Cooling	W	1330	1330	1240	1920	1920	1870	2420	2420	1920	1920	1870	2420
	Heating	W												
Operating Current	Cooling	A	5.8	5.8	5.5	8.2	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	890*190*285	890*190*285	890*190*285	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	660*470*240	660*470*240	660*470*240	720*548*265	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	9.2	9.2	9.2	9.9	9.9	13	13	13	9.9	9.9	13	13
	Outdoor	kg	25	25	25	37	37	37	44	44	37	37	37	44
Shipping Weight	Indoor	kg	11.4	11.4	11.4	12.1	12.1	16	16	16	12.1	12.1	16	16
	Outdoor	kg	29	29	29	41	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	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	ø12.7mm	ø12.7mm	ø12.7mm
Piping Length	Max	m	15	15	15	15	15	15	20	20	15	15	15	20
Piping Height	Max	m	8	8	8	8	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	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	4	4	4	4
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor		•	•	•	•	•	•	•	•	•	•	•	•
Low Ambient	Cooling	℃	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54
	Heating	℃												

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MODEL			Max	Max(B2B)	Max(B2B)	Max(B2B)	Max(B2B)	Max(B2B)	Max(B2B)	Max(B2B)	WAC	WAC	WAC	WAC
Model Code			AS242UGDXTL	AS123WBDSTL	AS125WBDSTL	AS185WBDSTL	AS242WBDSTL	AS125WBDXTL	AS183WBDXTL	AS242WBDXTL	AW122KCXTL	AW182KCXTL	AW183KCXTL	AW182ZCXTL
AC Type			CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance														
Capacity	Cooling	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW	6,500	3,516	3,650	5,300	6,500	3,650	5,275	6,500	3.45	5.2	5.25	5.2
		(min~max)												
	Heating	Btu/hr.												
		(min~max)												
		cal/hr.												
		(min~max)												
		kW												
		(min~max)												
Energy Efficiency	Cooling	EER(Btu/W)												
		EER(W/W)	2.69	2.84	3.12	3.14	2.69	3.12	2.82	2.69	2.63	2.67	2.83	2.67
	Heating	COP(W/W)												
Moisture Removal		ℓ /hr.	2.5	1.5	1.5	2.0	2.5	1.5	2.0	2.5	1.5	2.2	2.3	2.2
Air Circulation (Max)		m³/min	17.0	10.0	12.0	15.0	17.0	12.0	15.0	17.0	7.8	10.5	10.5	10.5
Noise Level	Indoor High/Low	dB	42/33	37/27	37/27	40/31	42/33	37/27	40/31	42/33	49	52	54	53
	Outdoor High	dB	54	50	50	52	54	50	52	54	55	58	60	59
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	230/50/1	230/50/1	230/50/1
Power Consumption	Cooling	W	2420	1240	1170	1690	2420	1170	1870	2420	1310	1950	1890	1950
	Heating	W												
Operating Current	Cooling	A	10.2	5.5	5.1	7.5	10.2	5.1	8.2	10.2	5.7	8.7	8.5	8.7
	Heating	A												
Dimension & Loading Q'ty														
Net Dimension (WxHxD)	Indoor	mm	1,065*222*298	890*190*285	890*190*285	1,065*222*298	1,065*222*298	890*190*285	1,065*222*298	1,065*222*298	560*370*550	620*425*645	620*425*645	620*425*645
	Outdoor	mm	790*548*285	660*470*240	720*548*265	880*638*310	790*548*285	720*548*265	790*548*285	790*548*285				
Net Weight	Indoor	kg	13	9.2	9.9	13	13	9.9	13	13	42	51	53	51
	Outdoor	kg	44	25	29.4	56	44	29.4	44	44				
Shipping Weight	Indoor	kg	16	11.4	12.1	16	16	12.1	16	16	48	56	57	56
	Outdoor	kg	47	29	32.4	58	47	32.4	47	47				
Technical Information														
SVC Valve	Liquid	OD	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				
Piping Length	Max	m	20	15	15	15	20	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	3	3	3	3
	Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Manual	Manual	Manual	Manual
	Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	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 Indicatior													
	Indoor Temp. Display		•	•	•	•	•	•	•	•	Dual	Dual	Dual	•
	Remote Controller		•	•	•	•	•	•	•	•	LCD	LCD	LCD	LCD
	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	UTR	UTR	UTR	UTR
	Anti-corrosion Fin		•	•	•	•	•	•	•	•	•	•	•	•
	Multi-channel Condensor		•	•	•	•	•	•		•			•	
Low Ambient	Cooling	℃	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~54	21~43	21~43	21~43	21~43
	Heating	℃												

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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)		m³/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
	Natural Breeze					
Operating Mode	d'light Cool					
	good'sleep		•	•		
	Smart Saver		•	•		
	Turbo				•	•
	Dehumidification		•	•	•	•
	Auto Mode				•	•
	Fan Mode		•	•	•	•
	Quiet					
Convenience	Filter Cleaning Indicatior				•	
	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	UTR	Rotary (UTR)	Rotary (UTR)
	Anti-corrosion Fin		•	•	•	•
	Multi-channel Condensor		•	•		
Low Ambient	Cooling	℃	21~43	21~43		
	Heating	℃				

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