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www.samsung.com







Smart Thinking, Simple Living

You want to live easier as life gets harder. Just because life is complicated doesn't mean you have to live that way. Simplify your lifestyle without dealing with complexity. Our understanding of your needs for a better life made us put more effort in creating the perfect solution for a carefree life.

At Samsung, while we always aim to provide the most up-to-date innovations, we believe that innovations in home appliances should also make life simple, easy, and more comfortable. With Samsung Home Appliances, experience the wonders of smart appliances that take your life to another level of effortless comfort - helping you spend more time on the more important things in your life.

Filling your home with Samsung's simplified but advanced home appliances doubles your comfort and satisfaction. Don't sacrifice ease for the latest technology. Let Samsung provide state-of-the art innovative technology in simplified products. Enjoy smart thinking for simple living with Samsung Electronics.

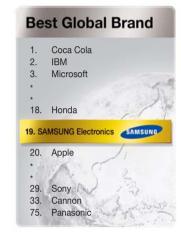


Samsung is moving with and ahead of our customers

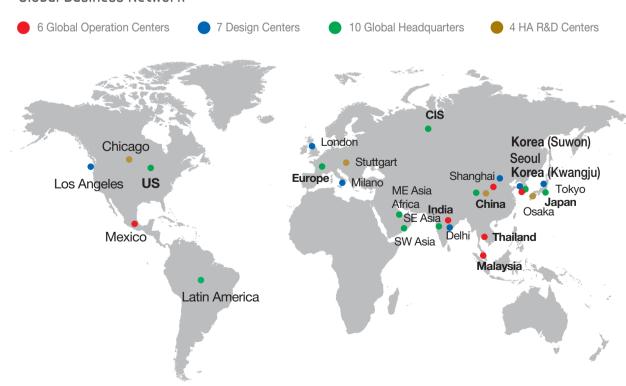
A brand is created by its customers and that's the novel perspective at Samsung. With all the customer attention, Samsung had another successful year. Business Week and Interbrand ranked Samsung 19th in Global Brands.

Samsung has overtaken Sony as the world's biggest producer of televisions and its strong product development has resulted in global leadership in the television segment. Samsung improved its position from third to the second leading player in mobile phones worldwide. The philosophy of bringing people the latest technology at a fair price has quickly made it a firm consumer favorite. New concept shops have been successful in translating to a more expert and demanding audience by showing the benefits of engaging with the brand.

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



Global Business Network



PlanetFirst™ with Samsung Electronics



"Samsung believes in the power of innovation today for a sustainable tomorrow."

Every day, all of us need to seek new ways to reduce energy consumption at home and at work. To fulfill customer's greener way of life, Samsung continues to manufacture eco-friendly products. Unfortunately, many consumers are unaware of green products and feel there are not enough options. So now, Samsung created PlanetFirst™ which applies to all of Samsung's eco friendly products, partnerships or internal programs.

PlanetFirst™ is the name that easily identifies eco-friendly products from Samsung. These products join customers' desire of living a green lifestyle with enjoying the latest in technology. PlantFirst™, a unique communication, makes Samsung's commitment, mind-set, and approach to greener living clear and straightforward. As Samsung continues to work, develop, engineer, and design innovative products to satisfy customers, PlanetFirst™ also means these technologies, designs, and manufacturing processes are greener. Your choice of PlanetFirst™ products help preserve nature and reduce energy use.

Samsung is always striving to find new and better ways to reduce our impact on the environment without sacrificing complete satisfaction in its products. Samsung started by simply reducing, reusing, and recycling; then by challenging employees to seek out and adopt extraordinary breakthroughs that make Samsung's processes and products healthier, safer, and less carbon dependent. So help the cause and start your own journey in being green with PlanetFirst™.

Eco-labels & Declaration

Samsung Electronics makes an effort to develop environment-friendly products that minimize the negative impacts on the environfor the environment are at the core of each product development.





Energy mark Korea















Eco Mark Korea 2

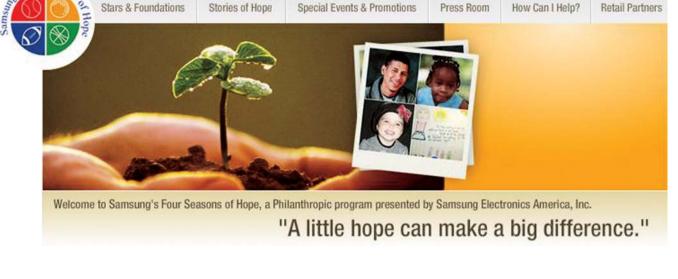
ment in every aspect of its products, from raw material procurement, production, transportation, usage, and final disposal. Concerns

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





EPEAT US



Four Seasons of Hope

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

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



Samsung Recycling Direct[™]

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

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



'Eco-friendly' samsung

Preserves the nature you live in.

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



Air & Water Conservation

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



Use Less, Save More

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



Global Recycling

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

Samsung Eco-Friendly Air Conditioner

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









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 2008

Organized by Fiera Milano International, 36th Mostra Convegno Expocomfort / Expobagno 2008 aimed to reward the best product that shows a high level of environmental quality, providing a complete overview of the sector along the lines of "Comfort & Living Technology". And Samsung air conditioner won the prize conferring a valid and professional recognition for the best product in the ceremony

RECEIVED CERTIFICATIONS AND AWARDS































CONTENTS

90 84 Innovation Split Type Multi Split Type Window Type Floor Standing Type Specifications

Air Purifying Technology

MPI (Micro Plasma Ion)



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



Healthy & Clean air

Outstanding Technology

Samsung introduces the world's first bacteria-eradication technology that safely eliminates harmful contaminants in the air.



Complete Bacteria Eradication

(Viruses and even pathogens)

Eliminates common cold viruses and influenza viruses as well as bacteria and harmful fungi. It even eliminates corona viruses (the SARS virus is a strain of the corona virus), which has become a deathly pathogen.



Best Bacteria Eradication Technology in the Industry



Eliminates Allergens

(Allergen: Substance that causes allergy)

Efficiently eliminates mites, pollen, dust, animal hairs, and other allergens that cause allergies with symptoms such as rhinitis, asthma, fever, and rash.



Neutralizes Active Oxygen Radicals (Neutralizes OH-radicals in indoor air)

Effective in neutralizing toxic OH-radicals which are known to be harmful to humans and to be the cause of many diseases.



World's First Anti-bacterial



Safe in Human (Confirmed by animal toxicity test)

Seoul National University Toxicology Lab conducted a safety test and results conclude that this technology is safe and non-toxic for humans.



World's First OH
Radical Neutralization

Eliminate 99% of H1N1 Flu

Joint research between Samsung and a local research team led by Sang-hee Suh, the first team in the world to develop an H1N1 flu vaccine, has proven that Samsung's one-of-a-kind sanitizing technology, Micro Plasma (Super Plasma Ion), eliminates 99.9% of Influenza A virus subtype H1N1.



World's foremost expert on H1N1 flu, Prof. Sang-hee Suh

Comparison of Ion Purification Function

Samsung		Company A		Company B	
(+) Ion	0.5Mil/cc	(+) Ion	0.4Mil/cc	(+) lon	Less than 0.1Mil/cc
(-) Ion	1Mil/cc Over	(-) lon	1Mil/cc	(-) Ion	Less than 0.1Mil/cc
Yes World's			None		None
99.6% Wortels		No Information Available		89.15%	
Bacteria-Eliminating Technology by Releasing Harmless Active Hydrogen and Oz-				,	ailable.
	(+) lon (-) lon Yes 99.6% Bacteria-loy Releas Active Hy	(+) Ion 0.5Mil/cc (-) Ion 1Mil/cc Over Yes 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(+) Ion 0.5Mil/cc (+) Ion (-) Ion 1Mil/cc Over (-) Ion Yes 1	(+) Ion 0.5Mil/cc (+) Ion 0.4Mil/cc (-) Ion 1Mil/cc Over (-) Ion 1Mil/cc Yes None 99.6% No Information Available Bacteria-Eliminating Technology by Releasing Harmless Active Hydrogen and O2- No Information o (Safety U) (Proved Non-Toxic in Toxic Test-	(+) Ion 0.5Mil/cc (+) Ion 0.4Mil/cc (+) Ion (-) Ion 1Mil/cc Over (-) Ion 1Mil/cc (-) Ion Yes None 99.6% No Information Available Bacteria-Eliminating Technology by Releasing Harmless Active Hydrogen and O2- No Information on Safety Av (Safety Uncertain)

(Sansang East tosted, 2007)

Air Purifying Technology







How Does Samsung MPI Technology Compare with Other Ion Systems?

Superb Coverage.

The MPI system purifies over 19.16m³ of space unlike its competitors.

Excellent Purification Performance.
The MPI system generates more ions, making it more effective in purifying the air.

See the MPI System at Work.

A blue light illuminates to signal the purification of the air.

Negative Ion 1200 540 samsung L Company S Company



MPI System With Superior Results

MPI technology releases an enormous amount of Active hydrogen and Oxygen to eliminate harmful particles in the air. As a result, the harmful particles decompose into water which lets you breathe clean, fresh air just by changing your air conditioner with MPI technology.

Always Have Fresh, Clean Air

Creation of an Intensely Purified Zone

This innovative MPI technology even eliminates most airborne particles, including viruses, bacteria, fungi and allergens that filters couldn't trap. Keep the air you breathe everyday clean and healthy.

Protection against Diseas

By eliminating biological contaminants, your family is protected from toxins that cause sickness, which means less headaches and runny noses. Samsung's unique technology keeps you and your family healthy and strong.

Safe from Allergy-causing Agents

As MPI eliminates allergy-causing bacteria in the air, you'll find your kids aren't scratching themselves even with pets in the house, that you suffer less from seasonal allergies, and you simply breathe better. Make your home an allergy-free haven with Samsung's MPI technology.

Controls Active Oxygen

Although vital to the body, active oxygen in excess can cause disease, cancer, and accelerated aging. MPI not only keeps you healthy, it keeps you from getting wrinkles. Now smile and laugh without worrying about wrinkles and enjoy effective skin care just by turning on your air conditioner.



...

Protect Your Family's Health

For People Sensitive to Toxins

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

For Children and Elderly People

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

For Allergy-Sufferers

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

Globally Recognized Air Purification Technology

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

MPI Technology Applied to Renault Samsung Automobiles

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





What Kind of Harmful Particles Does MPI Eliminate?

Samsung's unique MPI technology eliminates contaminants that cause influenza to allergies such as viruses, bacteria, molds and allergens. Protect your family from toxins that cause sickness with the outstanding MPI technology.











Micro Plasma Ion Acknowledged By Public organizations



Seal of Approval on Removal of Airborne Allergens

Test institute: BAF (The British Allergy Foundation), chamber size (19.16m³), Relative humidity: 69%, temperature:20°C



Atomic Hydrogen Generation
Reported at the 2nd International Workshop on
Cold Atmospheric Pressure Plasmas, August 30,
Bruges, Belgium.



Active Oxygen (OH Radical) Elimination Reported at the 7th Colloquium ASA Sept. 2005 France.

Substance	Effectiveness	Certified by
Influenza virus type A	99.7% Elimination	Kitasato Environmental Science Center
	99.6% Elimination	Yonsei University
Corona virus	99.6% Elimination	Kiasato Medical Center
(strains such as SARS Virus)		
Penicilium	98.4% Elimination	
Aspergillus	96.4% Elimination	
Cladosporium	98.9% Elimination	Kitasato
Staphylococcus aureus	99.96% Elimination	Environmental
Micrococcus	99.86% Elimination	Science Center
MRSA ^{1°}		
(antibiotic resistant	99.99% Elimination	
nosocomial pathogen)		
Mold Staphylococcus	99.9% Elimination	Korea Consuming Science Research Center
Aureus/E. coli	99.970 Elimination	Noted Consuming Objetice Research Center
Allergen	Effectiveness certified	Acquired BAF ^{2°}
	Ellectiveriess certilled	(U.K) Seal
(Dust Mite, Cat/Dog Allergen)	Effectiveness certified	RTI3° Test (U.S.A)
Indoor contaminants	Over 90% Elimination	Shanghai Preventive Municipal Center
indoor contaminants	Over 90% Elimination	for Disease Prevention & Control
Animal toxicity test	Non-toxic	Seoul Toxicology Laboratory
Active hydrogen atom	Active hydrogen formation verified	Hiroshima University
OH-radical	Active oxygen neutralized	Till Ostili tid Offiversity

1° MRSA : Methicillin-resistant Staph yl ococcus aureus (antibiotic resistant nosocomial pathogen)
2° BAF : British Allergy Foundation (certification institute)

 $3^{\circ}\,\text{RTI}$: Research Triangle Institute (allergy research institute, USA)

Health Care System



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



Air Purifying System

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



Step 01







Silver Coated Filter

The silver-nano coating applied to the filter, serves to trap and remove dust particles.





Anti-virus Filter (option)

Anti-virus filter is made with ultra thin filament and has stronger dust removal ability.

Step 02











The DNA structure possesses qualities in absorbing and eliminating microscopic carcinogenic agents.

Catechin is contained in the filter and deactivates captured bacteria and unpleasant odors.

Step 03





Deodorizing Filter (option)

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

Step 04



Silver Coated Evaporator (option)

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

Step 05



Anti-Bacterial Cross Fan

Molded with an antibacterial formula to suppress proliferation of molds and bacteria, prevents the causes of unpleasant odors.

Step 06





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

Health Care System





Auto Cleaning

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



The difference in internal and external temperatures causes moisture to form.

Even after it has been turned off, the unit automatically runs the fan to dry

The unit stays clean and dry so molds and germs cannot spread

Filter Cleaning Indicator

Always know when to clean the filter. Samsung's Filter Cleaning Indicator automatically alerts you when the filter needs to be cleaned. Usually after about 500 hours of use, the indicator illuminates blue light to let you know that it's time to clean up. Enjoy clean, fresh air everyday, every time.



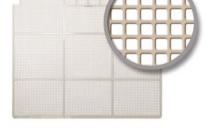


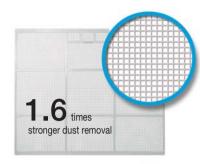
Air Purifying Filters

Samsung's various filters eliminates the harmful substances in the air including microscopic viruses. Keep your air consistently clean and fresh for your family with Samsung's air conditioner filters with its great removing ability.

Anti-virus Filter

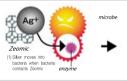
Samsung's new ion coated Anti-virus filter has been enhanced 1.6 times to be stronger and more effective in removing dust compared to the general pre-filter. The ultra-compact Anti-Virus filter is make with thin filaments the size of 1/3 the thickness of a single strand of human hair. Thus, effectively eliminating microscopic dust particles as well as fungi and unpleasant odors. Samsung keeps the air you breath clean and fresh and your home comfortable.





General Pre-filter

Anti-virus Filter











Silver Technology







Silver Coated Filter

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

Silver Coated Evaporator

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

Unique Filter











DNA Filter

Samsung's DNA filter possesses qualities in absorbing and excluding green tea, deactivates captured microscopic carcinogenic agents. This enables for smarter and effec- standing filter helps to remove tive air management compared to unpleasant odors to keep your home

Catechin Filter

The Catechin filter, extracted from bacteria and dust. Also, this out-



Activated carbon is incorporated in the filter. This smart deodorizing filter with its splendid talent absorbs cigarette smoke, pet odors and all other unpleasant odors.

S-Inverter

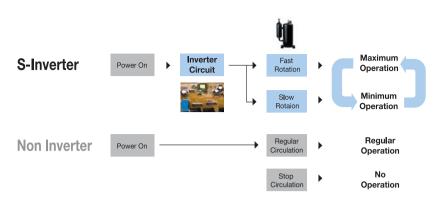


S-Inverter technology's powerful control lets you reach the desired temperature quickly and maintains precise temperatures for your complete comfort.



What Is an S-Inverter?

Samsung's S-Inverter optimizes power consumption, which changes the speed of the compressor to give you complete comfort. This innovative technology makes it possible to keep the desired temperature consistently all day without shutting off. By adjusting to slight changes, the air conditioner uses less energy.

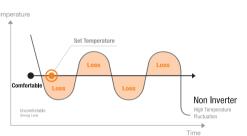


Stable! Comfortable Temperature



S-Inverter

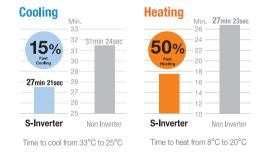
The S-Inverter air conditioner works at maximum capacity at start up. As soon as the temperature reaches the desired set temperature, it finely adjusts to cope with any changes. This means less temperature fluctuation and assures you greater comfort that can be achieved in minutes.



Non Inverter

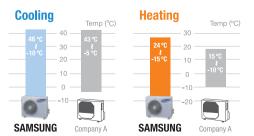
Non Inverter air conditioner shuts off and turns on every time when the temperature reaches the set temperature. Every operation requires huge energy consumption with big temperature fluctuation and the air conditioner can not keep the desired temperature for long.

Powerful and Reliable Performance



Fast Cooling and Heating

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



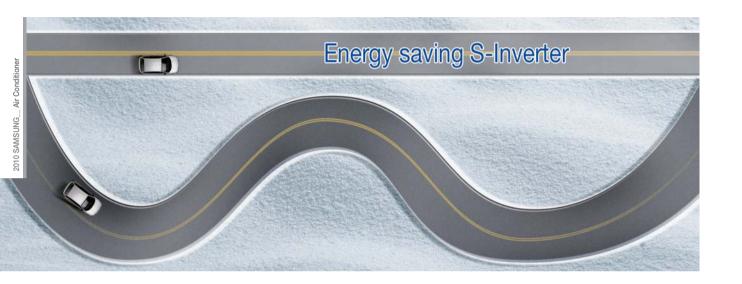
All Temperature Performance

No need to worry about the Samsung air conditioner's outdoor unit in severe temperatures. With a wider range of temperature allowance than other companies, the unit can cool the air in the burning heat of 46°C or heat the air in the freezing cold of -15°C to optimize comfort.

S-Inverter



Samsung's S-Inverter technology not only lowered energy consumption by up to 50% which saves you money, it also reduced vibration for a quieter air conditioner.

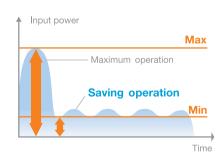


How to Save Energy

The innovative S-Inverter technology uses the least amount of electricity to maintain the desired temperature without frequently shutting the air conditioner off. Each time the air conditioner is turned on, excess electricity power is needed. With the S-Inverter, you only need to turn on the air conditioner once, which saves you energy. Non Inverter air conditioners shut off once the desired temperature is reached, which means you have to turn it back on when it gets warm, wasting energy.

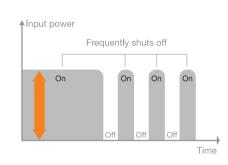
S-Inverter

Maintains the desired temperature with minimum energy and fluctuation



Non Inverter

Requires huge energy consumption with frequent on/off causing large temperature fluctuations.



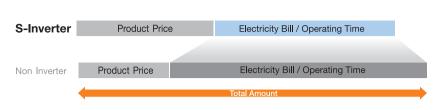
Up to 50% Energy Savings

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



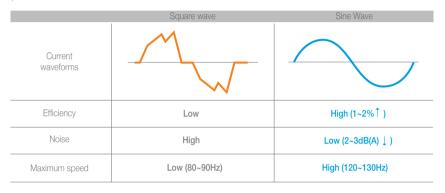
Save with High Efficiency!

Although the unit price of Samsung's S-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. Samsung's S-Inverter technology provides powerful, fast, dependable cooling and heating with the least amount of energy so you reduce energy waste and save money.



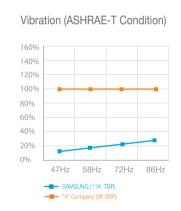
Superior Performance

Highly efficient Samsung's S-inverter compressor controls Sine wave to offer outstanding performance and reduce noise level.

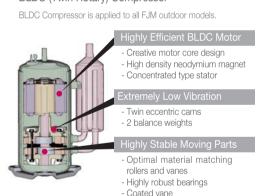


Low Vibration with TBR Compressor

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



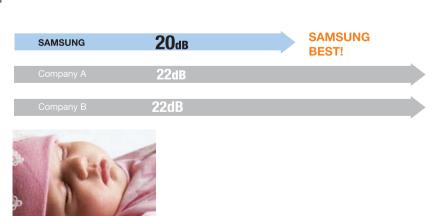
BLDC (Twin Rotary) Compressor



Coated shaft

Silent! Quieter Operation

Most air conditioners are noisy, especially when it first turns on. Non Inverter air conditioners are particularly noisy because they constantly shut off and on. With Samsung's S-Inverter, the air conditioner only turns on once, not repeatedly, which reduces noise. The powerful compressor also works at a lower speed to maintain the desired temperature resulting in a quieter motor and fan. Enjoy the sweet sound of silence with the Samsung air conditioner.



Good'sleep II

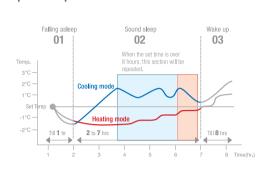


Samsung's Good'sleep II ensures your environment stays at the most comfortable temperature with automatic moisture adjustment to guarantee a good night's sleep.

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

Best Temperature for Deep Sleep

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



01 Falling asleep stage

Eases you into sleep by dropping the temper-

02 Sound sleep stage

Relaxes your body and raises your temperature slightly.

03 Wake up stage

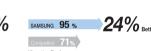
Allows you to wake up from comfortable intermittent air and it makes you feel refreshed.

Enjoy a Pleasant Night's Sleep

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

Sleep efficiency

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



Pleasant skin temperature

those suffering from insomnia.

An invaluable feature for those sensi-

tive to temperature fluctuations and

Energy saving

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



Optimal Temperatures for a Good Night's Sleep!

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







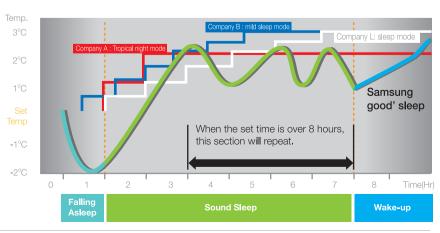
Those sensitive to temperatural fluctuations.

Those who suffer from insomnia.

Those who worry about energy consumption.

Sleep Mode Comparison Table

Unlike other product's sleep mode which simply increases temperature, Samsung good'sleep considered the rhythms of human sleep.



Energy Saving Program

Comfort Care



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



Comfort Index 21

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

THOM'S Discomfort Index _ Comfort level can vary under the same temperature, depending on humidity. Temp. 36 Sentary energency due to the stong deconfort The white feels discomfort The white feels discomfort A Discomfort index 25 At 27°C & 80% humid. B Discomfort index 23 At 27°C & 80% humid. Discomfort index 23 At 27°C & 80% humid. The white feels discomfort Confort care hadas 21.

How Comfort Care Works

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



No More Wasteful Cooling

- Accurately measures humidity and 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.



Power Consumption (Operation : 2hrs)

Energy Saving Program

Smart Saver



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



Save up to 31% on Your Electricity Bill

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

*Outdoor Temperature at 30 degree

Up to **31%** Saving!

Crystal (12K) Set Temperature 26°C Regular Mode Smart Saver Regular Mode Smart Saver		Power Saving Rate (Compared to regular mode)		
	Regular Mode	1778	-	
	26°G -	Smart Saver	1230	31%
	24°€	Regular Mode	2201	-
	24*6 –	Smart Saver	1930	12%

When Is the Smart Saver Needed? -

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

Save Energy. Save Earth.

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



Advanced Design

Ergonomic Design

Samsung's air conditioner with its exclusive design brings high fashion into your home. Ergonomically designed, the Samsung air conditioner provides comfort and convenience. So, live better and take pride in the new Samsung air conditioner.



Blue LED MPI Lamp

The blue LED lamp illuminates while MPI is on, so you can check the operation status at a glance. Even in the dark, you know that you're breathing cleaner air with MPI. This attractive blue light assures you that you're breathing the purest air.



Display Window

The white LED, extra-large display window provides better visibility so anyone can check the current temperature at a glance.



Easy Icon

28

The simplified icons make the Samsung air conditioner even easier to use. With easy pictograms, anyone from children to the elderly can navigate the air conditioner. Life is simply easy with Samsung.











Advanced Design

Special Remote Control

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



Ergonomic Remote Control

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







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



03 Bigger ButtonsLarger buttons for easier use.



02 Easy View Display

Bigger, clearer numbers and icons allow for better visibility.



04 Power ButtonOrange colored power button makes it easy

to see.

UTR Plus[™]



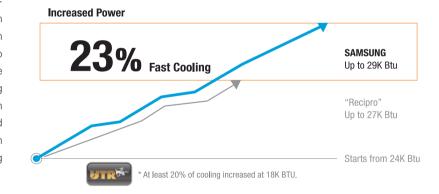
Samsung developed the UTR (Ultra Tropical Rotary) $Plus^{TM}$ compressor featuring incredible power that can quickly cool even in severe climates. The UTR $Plus^{TM}$ has the reliability to maintain superb performance even in severe temperatures of up to 60° C/140°F for a long time.



The Most Compact and Powerful Cooling

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

Performance Comparison



Built to Last

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

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

Test Center:
Received Certificate of Performance from Univ.of
Maryland (USA)

Test Condition: 1000 hrs Acceleration Test (Continuous Run),UTR Plus™ VS Recipro,Ambient Temperature = 54°C Advanced Technology

Stabilizer-Free Operation



Samsung's Stabilizer-Free air conditioner guarantees stable electric service even without a separate stabilizer. 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.



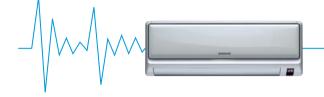
Complete Comfort with Powerful Air

Stabilizer-Free Operation gives you fresh, powerful air under any circumstance. Even without a separate 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.



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.





Save Space with Clean Look

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.

SAMSUNG







Wide Open Blade Cooling & Heating Air Flow

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



Quick Cooling

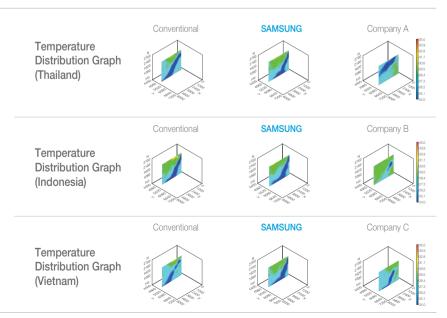
The moment the air conditioner is turned on, it emits the coolest air to quickly drop the room temperature allowing the room to cool within a short period of time.

Cooling Speed and Air Temperature Comparison (Thailand)

	New	Current	Company A	Company B
Time to reach 25°C from 33°C Room size 16.53 m²	22min 43sec	24min 24sec	29min 3sec	26min 3sec

Powerful Cooling

Samsung's air-conditioner emits stronger, cooler air faster and uses less energy than its competitors. Extensive testing proved that the Samsung Air-Conditioner is more powerful than the competition.



Advanced Technology

Quiet Operation

For a long time, powerful performance and a peaceful environment have been regarded as two independent concepts. No more. With the Samsung air conditioner, enjoy a quiet, peaceful home while staying comfortably cool.



More Stable Fan Spinning

Samsung thickened the depth of the hub from 45 mm to 62 mm and widened its diameter by 32%. The reinforced fan hub makes the spinning more stable, reducing the vibration noise when the air conditioner is in operation.



Seamless Air Flow

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.

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.



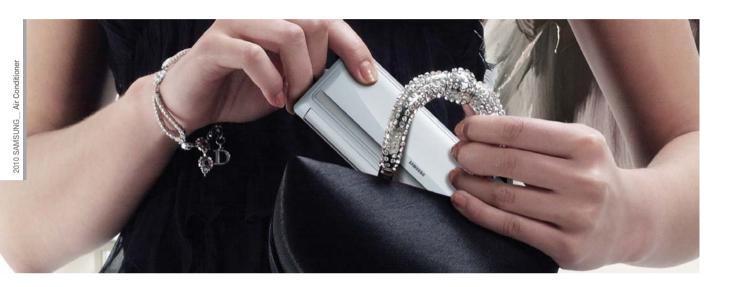
Conv



Slim Solution



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



Compact Size

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



18,000 BTU



Light Weight

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



Advanced Technology

Auto Changeover

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



Advanced Technology

Convenient Installation

Outdoor Installation Pipe

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



Water Leakage Double Protection

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



Improved Low Temperature Operation

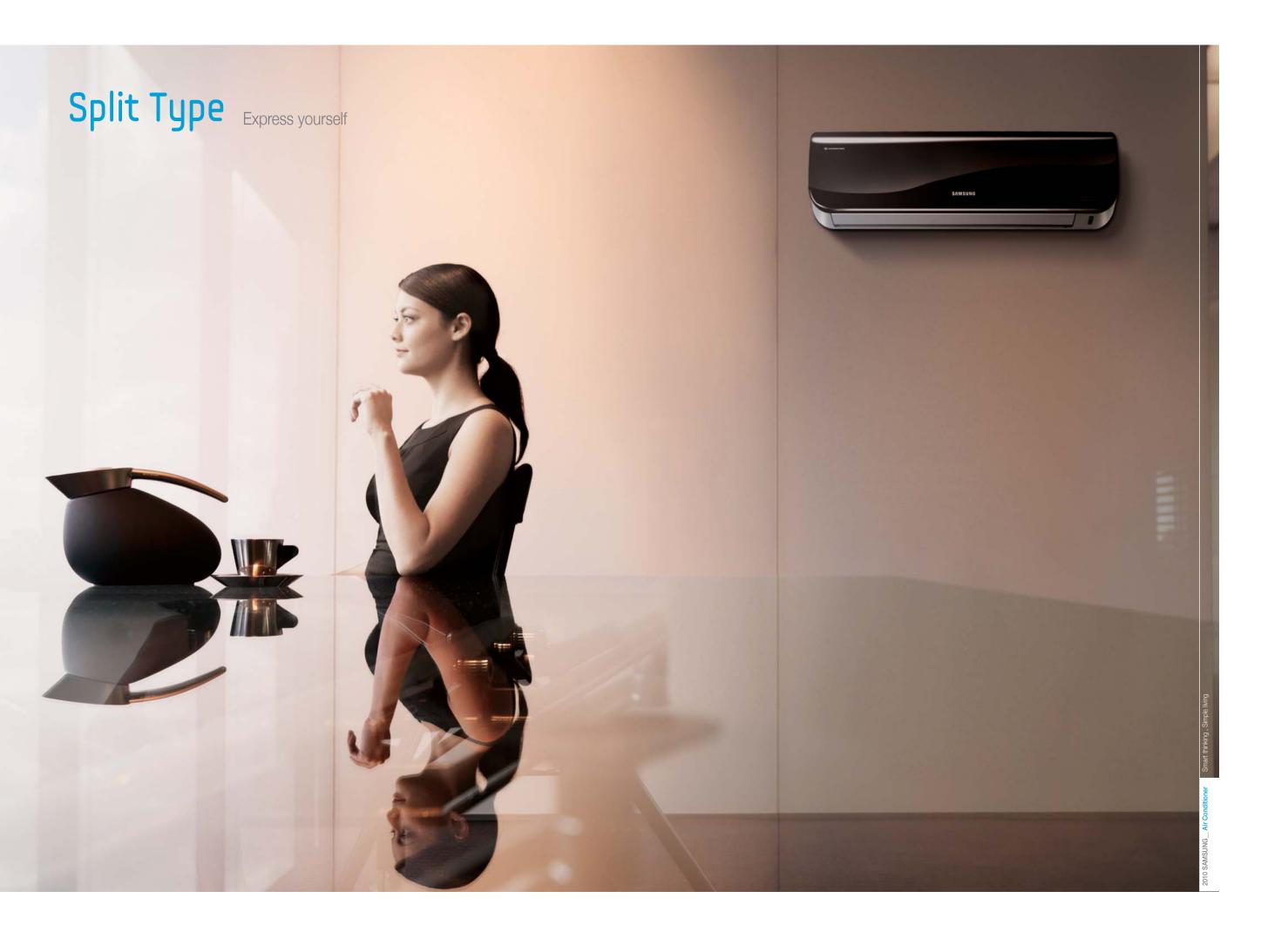
The new base structure of the outdoor unit includes three drainage holes and extended drainage channels, providing better protection against excess water, freezing, and rust. Also Neo Green Silica coating was applied to the heat exchanger which has improved the efficiency in low temperatures. An automatic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



Easy Handle for Convenience during Transporting, Unloading, etc

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





Additional Features





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

Auto Roof Shutter

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



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



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

MPI (Micro Plasma Ion)

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

How Micro Plasma Ion System Technology Works









Harmless water

Active hydrogen / Oxygen ions Active hydrogen and oxygen ions are generated

Harmful substances Combines with Harmful substances *OH radical, Harmful viruses and bacteria,

Turns into harmless water

Good'sleep II

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

Sleep Efficiency

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

SAMSUNG 35.8% up to 5% **24%** Better SAMSUNG 95 % Competitor 71%

Pleasant Skin

Temperature

An invaluable feature for those

sensitive to temperature fluctu-

ations and those suffering from

Energy Saving

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



UTR Plus™ (option)



JTR features incredible ower that can quickly

DNA Filter

A new technology that toxins in the air, the DNA filter enables for smarter and effective air management compared to other

Deodorizing Filter

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

Anti-virus Filter



New ion coated Anti-virus filter enhanced 1.6 times stronger of its dust removal ability compare to general

Silver Coated Evaporator

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

Wide Open Blade Heating Air Flow

Opening the blades to

an angle of 90 degrees, the air can be distributed vertically and horizontally anywhere in the room.

Auto Changeover



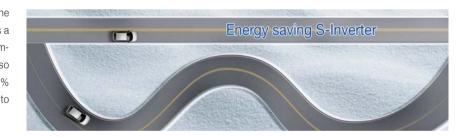
he Auto Changeove operating mode (Cooling or Heating) according to he temperature setting.



Samsung's Quiet Operation offers powerful cool air without disturbing noise.

S-Inverter

Samsung's S-Inverter lets you reach the desired temperature quickly and maintains a precise temperature for your complete comfort. This highly efficient technology also lowered energy consumption up to 50% and reduced vibration to bring peace into your life.



Available Colors

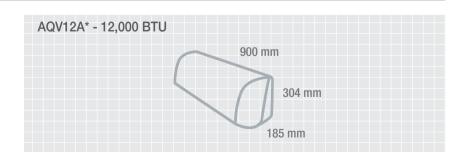






Black

Dimensions



White



Silver



Black

Remote Control & Outdoor Unit

















Air Purifying System

• MPI (Micro Plasma Ion)

MPI generates active hydrogen atoms together with oxygen ions to improve your indoor air quality.

New ion coated Anti-virus filter enhanced 1.6 times stronger of its dust removal ability compare to general Pre-filter.

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

The DNA structure possesses qualities in absorbing and eliminating microscopic carcinogenic agents.

Deodorizing filter

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

Auto cleaning (self cleaning)

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

Features

· Auto Roof Shutter

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

It automatically adjusts temperature and moisture to guarantee a good night's sleep.

S-inverter (option)

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

UTR Plus[™] (option)

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

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

- Dehumidification
- Turbo mode
- Timer
- · Energy saving mode

- Auto restart
- Auto changeover
- Auto wind
- Auto grille

Design



MPI Lamp

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



Pearl Color

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



Display (hidden)

The display appears as the auto roof shutter opens. Its gentle bluish illumination adds chic style to your aesthetically pleasing air condi-

Vivace

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

Trimless Design

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



MPI (Micro Plasma Ion)

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

How Micro Plasma Ion System Technology Works

Active hydrogen and oxygen ions are generated



Combines with Harmful substances





Harmful substances

Harmless water Turns into harmless water

Good'sleep II

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

Sleep Efficiency

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



Pleasant Skin

Temperature

An invaluable feature for those

sensitive to temperature fluctu-

ations and those suffering from

Energy Saving

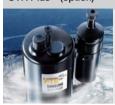
The Good'sleep II reduces up to 36% of electricity consumption compared with a normal cooling



Good'sleep II Mode 1.34 Kw Energy Saving

Additional Features

UTR Plus™ (option)



JTR features incredible ower that can quickly cool the air even in severe

Silver Coated Evaporator

Catechin Filter

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



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

Anti-virus Filter



New ion coated Anti-virus filter enhanced 1.6 times stronger of its dust removal ability compare to general

The Auto Changeover

automatically selects the

operating mode (Cooling

or Heating) according to

The fins of the evapo-

rator are triple coated to ensure efficient removal of condensa-

Wide Open Blade Heating Air Flow



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

Auto Changeover

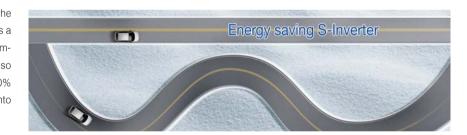




Samsung's Quiet Operation offers powerful cool air without disturbing noise.

S-Inverter

Samsung's S-Inverter lets you reach the desired temperature quickly and maintains a precise temperature for your complete comfort. This highly efficient technology also lowered energy consumption up to 50% and reduced vibration to bring peace into your life.

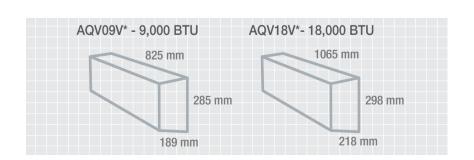


Available Colors



Black Mirror

Dimensions













Vivace



Remote Control & Outdoor Unit





Air Purifying System

• MPI (Micro Plasma Ion)

MPI generates active hydrogen atoms together with oxygen ions to improve your indoor air quality.

New ion coated Anti-virus filter enhanced 1.6 times stronger of its dust removal ability compare to general Pre-filter.

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

Catechin filter

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

Deodorizing filter

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

Auto cleaning (self cleaning)

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

Features

· Good'sleep II

It automatically adjusts temperature and moisture to guarantee a good night's sleep.

S-inverter (option)

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

• UTR Plus™ (option)

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

- Dehumidification • Turbo mode
 - Timer
- · Energy saving mode

- Auto restart
- Auto changeover
- Auto wind
- · Auto grille

Design



Hidden LED Display

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



Shadow Mirror

By reflecting your interior in its shadow mirror, Vivace perfectly matches with your interior. The Samsung's shadow mirror also reflects adequate lighting which adds ele-



Trimless Design

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

Vivace Digital i

Cool and fresh impression

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

Digital i

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



Additional Features

MPI (Micro Plasma Ion)

MPI improves your indoor air quality by eliminating the biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten

Good'sleep II



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

UTR Plus™ (option)

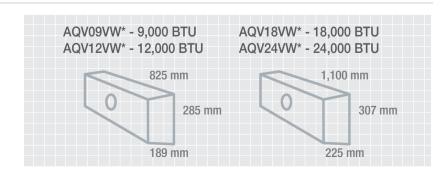


UTR features incredi power that can quic cool the air even severe hot climates.

Available Colors



Dimensions

















Air Purifying System

• MPI (Micro Plasma Ion)

MPI generates active hydrogen atoms together with oxygen ions to improve your indoor air quality.

Anti-virus filter

New ion coated Anti-virus filter enhanced 1.6 times stronger of its dust removal ability compare to general Pre-filter.

· Silver coated evaporator

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

· Catechin filter

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

Deodorizing filte

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

Auto cleaning (self cleaning)

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

Features

· Good'sleep II

It automatically adjusts temperature and moisture to guarantee a good night's sleep.

·S-inverter (option)

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

UTR Plus[™] (option)

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

Dehumidification

Auto restart

• Turbo mode

Timer

Energy saving mode

Auto changeoverAuto wind

Auto grille

Remote Control & Outdoor Unit



MB II

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

Ez-Filter

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



Additional Features

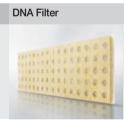
MPI (Micro Plasma Ion)

MPI improves your indoor air quality by eliminating the biological contaminants such

Good'sleep II





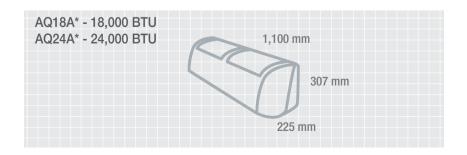


A new technology that screens selectively for toxins in the air, the DNA filter enables for smarter and effective air management compared to other filters.

Available Colors



Dimensions



















Air Purifying System

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

Features

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

Design



Stylish Design

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

Remote Control & Outdoor Unit











On / Off

Remote Control

24K BTU

24K BTU

Crystal

Feel pure ideal comfort

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

Comfort Care

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



Simply controlling the temperature does not guarantee comfort. People can feel comfort or discomfort even at the same temperature due to the varying level of humidity in the air. Samsung 'Comfort Care technology' measures the humidity and temperature of the room. Then it calculates what temperature and humidity is needed to reach the comfort index. Comfort Care adjusts the temperature and humidity automatically until the comfort index is reached.

Filter Cleaning Indicator

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



Smart Saver

You no longer have to turn off your air conditioner when you feel the room is cool enough and turn it back on again when the air is not comfortable to save electricity.



Smart Saver operates the air conditioner automatically in the least amount of time necessary to cool the room, which saves electricity. In studies, up to 31% of electricity was saved by setting the temperature to 26°C when the outdoor temperature was 30°C With the Smart Saver, you can stop worrying about your electricity bill and start enjoying cool comfort.

Additional Features

UTR Plus™ (option)



R features incredible wer that can quickly of the air even in

MPI (Micro Plasma Ion)

MPI improves your indoor air quality by eliminating biological contaminants such as viruses, bacteria, and allergy-causing agents that threaten your health

Filter Cleaning Indicator

Auto Cleaning

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Catechin Filter



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



Deodorizina Filter

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



Silver Coated Evaporator



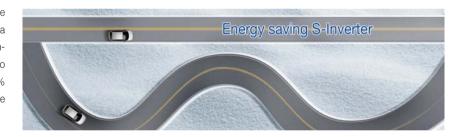
The fins of the evaporator are triple coated to ensure efficient removal of condensation.



Samsung's Quiet Operation offers powerful cool air without disturbing noise.

S-Inverter

Samsung's S-Inverter lets you reach the desired temperature quickly and maintains a precise temperature for your complete comfort. This highly efficient technology also lowered energy consumption up to 50% and reduced the vibration to bring peace into your life.



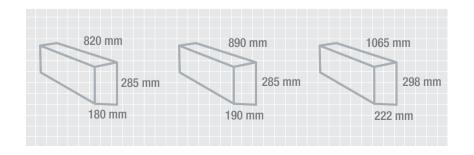
Available Colors







Dimensions



Crystal F

Feel pure ideal comfort





Silver



Remote Control & Outdoor Unit























Air Purifying System

• MPI (Micro Plasma Ion)

MPI generates active hydrogen atoms together with oxygen ions to improve your indoor air quality.

Anti-virus filter

New ion coated Anti-virus filter enhanced 1.6 times stronger of its dust removal ability compare to general Pre-filter.

Silver coated evaporator

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

Catechin filter

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

Deodorizing filter

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

Auto cleaning (self cleaning)

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

Features

· Good'sleep II

It automatically adjusts temperature and moisture to guarantee a good night's sleep.

S-inverter (option)

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

•UTR Plus™ (option)

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

• MPI lamp

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

Auto changeover

•Smart saver

Auto restart

- Comfort care (option)
- Filter cleaning indicator (option)

- Dehumidification
- Turbo mode
- Timer

Auto wind

Energy saving mode

Design



MPI Lamp

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



Glossy Panel

The high gloss panel brings out the luxurious beauty of the color as it adds refreshing comfort to the room.



Stylish Design

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





SAMSUNG





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

Ideal air for perfect coolness

Smart Saver

Max

You no longer have to turn off your air conditioner when you feel the room is cool enough and turn it back on again when the air is not comfortable to save electricity.



Smart Saver operates the air condition er automatically in the least amount of time necessary to cool the room, which saves electricity. In studies, up to 31% of electricity was saved by setting the emperature to 26°C when the outdoor emperature was 30°C With the Smart aver, you can stop worrying about your electricity bill and start enjoying

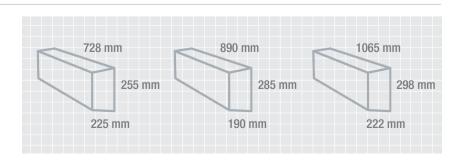
Additional Features



Available Colors



Dimensions



Air Purifying System

- · Silver coated filter
- Silver coated evaporator

Features

- Slim solution
- Turbo mode
- Smart saver • Good'sleep II
- Timer
- S-inverter (option)
- Auto restart
- UTR plus[™] (option)
- Auto changeover

·Energy saving mode

- Dehumidification
- Auto wind

Design



Simple Design

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



Stylish Line

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



Pure Display

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

Remote Control & Outdoor Unit



Neo Forte

Fresh and pleasant cooling

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

Good'sleep II

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

Sleep Efficiency

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

SAMSUNG 35.8%

Competitor 30.8%

sensitive to temperature fluctuations and those suffering from insomnia.



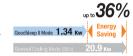
An invaluable feature for those

Pleasant Skin

Temperature

Energy Saving

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



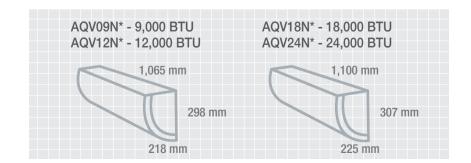
Additional Features



Available Colors



Dimensions



Silver Coated Filter













Air Purifying System

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

Features

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

Design



Stylish Design

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



Snow White Color

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



Silver Accent Line

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

Remote Control & Outdoor Unit



Forte

Cooler and stronger air conditioning

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

Good'sleep II

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

Sleep Efficiency

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



Pleasant Skin Temperature

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



Energy Saving

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



Additional Features

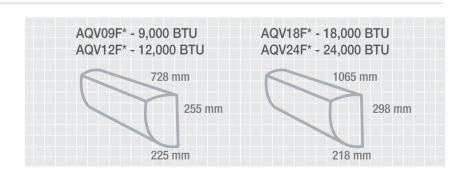


Available Colors



White

Dimensions

















Air Purifying System

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

Features

- Good'sleep II
- $\bullet \, \text{Slim solution}$
- S-inverter (option)
- UTR plus[™] (option)
- Dehumidification
- Turbo mode

- Energy saving mode
- Auto restart
- Auto changeover (option)
- Auto wind
- Timer

Design



Accent Line

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



Bottom Opening Front Panel

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



Flush Front Panel

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

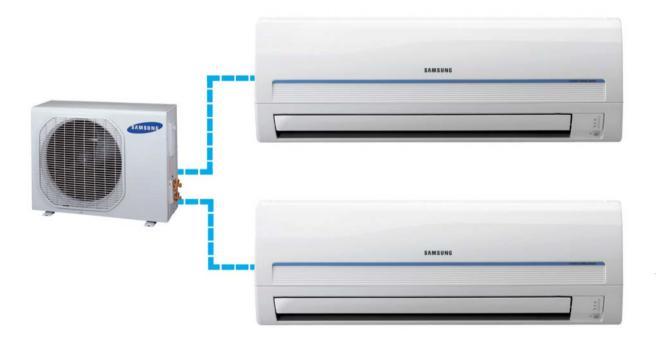
Remote Control & Outdoor Unit





Pack Multi Series

2 Room Multi



3 Room Multi



Model

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

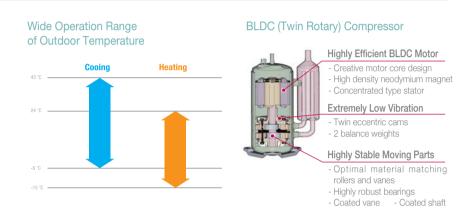
Model

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

Free Joint Multi

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

High Performance



TBR Sine-Wave Compressor

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

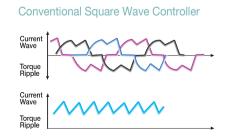




Samsung

Sine Wave Controller

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



Samsung Sine Wave Controller

Current Wave Torque Ripple
Current Wave
Torque

Felt Structure

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



Available Outdoor Units -

| Power Source(V/Hz/Ø) |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| 4.0kW | 5.0kW | 6.0kW | 7.0kW | 8.0kW |
| 2 Unit | 2 Unit | 3 Unit | 4 Unit | 4 Unit |
| 0 | | | | |

Combination Table

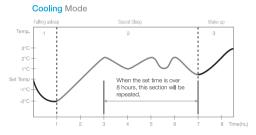
INDOOR	RUNIT			OUTDOOR UNIT		
Mod	lel	MH040FXEA2B	MH050FXEA2B	MH060FXEA3B	MH070FXEA4B	MH080FXEA4B
	MH026FBEA	•	•	•	•	•
		•	•	•	•	•
			•	•	•	•
	MH026FBES	•	•	•	•	•
	MH035FBES	•	•	•	•	•
			•	•	•	•
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	MH026FEEA		•	•	•	•
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Features

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

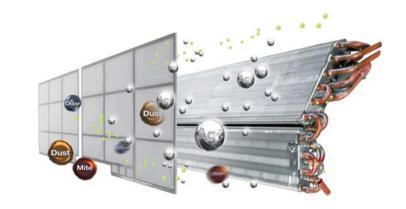
Relaxes your body and raises your temperature slightly.

03 Wake up stage

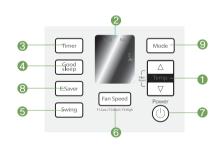
Allows you to wake up from comfortable intermittent air and it makes you feel refreshed

Silver Coated Technology

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



Convenient Control



01 Highly Efficient BLDC Motor

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

02 Display

Shows you the operating status.

03 Timer button

Sets the 24hr On / Off timer.

04 Good' sleep button

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

05 Air flow direction adjustment button

Moves inner air flow blades horizontally.



06 Fan speed adjustment button(s)

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

07 On / Off button

Turns on / off the air conditioner.

08 Energy saver button

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

09 Mode selection button(s)

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

4-Way Air Direction

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



Dehumidification

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

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.



Rust-free Cabinet

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



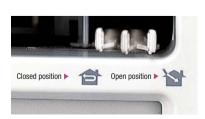
Normal cabinet material after



Samsung's rust-free cabinet material after 1000 hours

Ventilation Control

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



Easy to Access Filter

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



Mexico / South America Line up

New Y Series

(Mechanical)



Features & Model

- · Anti-bacteria 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	AW05N0AD

AI Series

(Electronic)



Features & Model

- · Anti-bacteria filter
- · Temperature control · Washable grill
- · Good'sleep mode · Sleep mode
- · Easy to access filter
- · Timer
- · 3 stage fan/cool mode
- · 4 way air direction
- · Energy saving mode
- 115/60/1 AW08NHAB

AI Series

(Mechanical)



Features & Model

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

1	
cool mode	Cooling Only

H Series

(Mechanical)



Features & Model

- · Anti-bacteria filter
- · Easy to access filter · Temperature control
- · Auto swing
- · 4 way air direction / 3 stage cool mode

· Washable grill

· 2 stage fan

Slide in/out

	Power Source (V/Hz/Ø)	12K Btu	14K Btu	18K Btu	24K Btu
	000 / 00 / 4	AW12P1BC	AW14P1BD AW18P1BC	AVA40D4D0	AVA/0.4D4D0
	220 / 60 / 1	AW12P0BC		AW24P1BC	
	115 / 60 / 1	AW12P1AC		_	_
	113/00/1	AW12P0AC			

H Series

(Electronic)

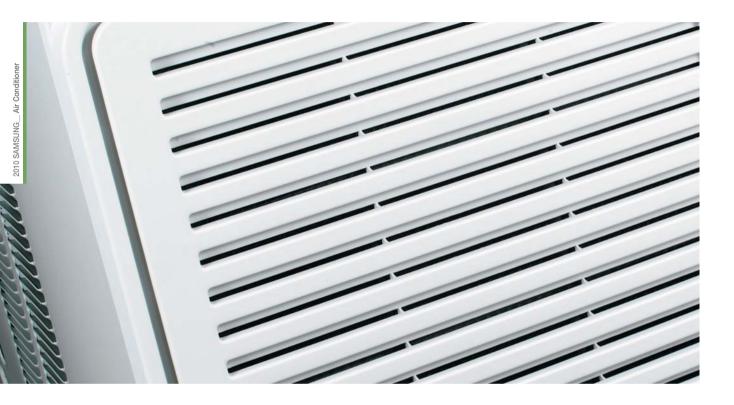
Features & Model

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

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	Power Source (V/Hz/Ø)	12K Btu	14K Btu	18K Btu	24K Btu
	220 / 60 / 1	AW12PKBC	AW14PHBD	AW18PKBC	AW24PKBC
		AW12PHBC			
	115 / 60 / 1	AW12PKAC	-		
	115/60/1	AW12PHAC			-

CIS Line up



New Y Series (Mechanical)



Features & Model

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

		5K Btu
Cooling Only	220~240 / 50 / 1	AW05N0C

AI Series

(Mechanical)



Features & Model

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

		5K Btu
Cooling Only	220 / 60 / 1	-
	220~240/50/1	AW07N0C

H Series

(Electronic / P Grill)



Features & Model

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

		9K Btu	12K Btu	18K Btu
Heat Pump	220~240 / 50 / 1	AZ09PHB	AZ12PHA	-
Cooling Only	220~240 / 50 / 1	-	-	AW18PHB

Middle East / Afirca Line up

H Series

(Mechanical / P Grill)



Features & Model

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

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

H Series

(Mechanical / F Grill)



Features & Model

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

		9K Btu	12K Btu	
Heat Pump	220~240 / 50 / 1	-	-	AHT19
	220~240 / 50 / 1	-	-	AWT19

H Series

(Electronic / P Grill)



Features & Model

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

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

H Series

(Electronic / F Grill)



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

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

Middle East / Afirca Line up

M Series

(Mechanical / W Grill)



Features & Model

- · Anti bacteria filter
- · Auto swing
 - · Washable grill
- · 4 way air direction · 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
Hard Barrer	220~240 / 50 / 1	-	-	AHT18W1B	AHT24W1B
Heat Pump	220 / 60 / 1	=	-	AHT18W1B	AHT24W1B
Cooling Only	220~240 / 50 / 1	-	-	AWT18W1B	AWT24W1B
Cooling Only	220 / 60 / 1	=	-	AWT18W1B	AWT24W1B

M Series

(Electronic / W Grill)



Features & Model

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

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		9K Btu	12K Btu	18K Btu	
Heat Pump	220~240 / 50 / 1	=	-	AWT18WHB	AWT24WHB
	220 / 60 / 1	=	-	AWT18WHB	AWT24WHB

M Series

(Mechanical / U Grill)



Features & Model

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

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



SE Asia Line up

Y Series

(Mechanical)



Features & Model

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

		12K Btu
Cooling Only	220 / 60 / 1	AW05N0B

H Series

(Electronic / P Grill)



Features & Model

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

		7K Btu	9K Btu	12K Btu	18K Btu	24K Btu
Cooling Only	220 / 60 / 1	AW07PHB	AW09PHB	AW12PHB	-	-
	220~240 / 50 / 1	AW07PHA	AW09PHB	AW12PHA	AW18PHA	AW24PHA

H Series

(Mechanical / P Grill)



Features & Model

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

	Power Source(V/Hz/Ø)	/K Btu	9K Btu	12K Btu	18K Btu	24K E
	220 / 60 / 1	AW07P1B	AW09P1B	AW12P1B	AW18P1B	-
Cooling Only	220 / 60 / 1	AW07P2B	AW09P2B	AW12P2B	-	-
	220~240 / 50 / 1	Δ\//07P1Δ	AW/09P1R	ΔW12P1Δ	ΔW/18P1Δ	AW24F

L Series

(Electronic)



Features & Model

- · Anti-bacteria filter
- · Air ventilation
- · Good'sleep mode
- ·Timer · Smart saver
- · Easy to access filter

· 4 way air direction

· Washable grill

· Auto swing · 3 stage fan/cool mode

		7K Btu	9K Btu
		AW07L2BXTC	AW09L2BXTC
Cooling Only	220 / 60 / 1	AW07LHBXTC (Remote Control)	AW09LHBXTC (Remote Control)

L Series

(Mechanical)

Features & Model

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

	Power Source (
Cooling Only	220 / 60 /

		7K Btu	9K Btu
oling Only	220 / 60 / 1	AW07L1BXTC	AW09L1BXTC

India Line up

H Series

(Electronic / W Grill)



Features & Model

- · Anti-bacteria filter · Remote controller
- · Temperature control · Washable grill
- · Bio sleep mode · Easy to access filter
- · Auto swing
- · 4 way air direction · Time
- · Air ventilation
- · 3 stag
- · Slide in/out

nart saver mode	
mer	
stage fan/cool mode	18K Btu

H Series

(Electronic / Z Grill)

Features & Model

· Anti-bacteria filter

· Temperature control · Washable grill

· Easy to access filter

· Bio sleep mode · Auto swing

· Smart saver mode

· 4 way air direction · Timer

· Air ventilation

· 3 stage fan/cool mode

· Slide in/out

80



AW12ZKB

H Series

(Electronic / Z Grill)



Features & Model

· Anti-bacteria filter

· Remote controller

· Temperature control · Washable grill

· Bio sleep mode

· Easy to access filter · Smart saver mode

· Auto swing

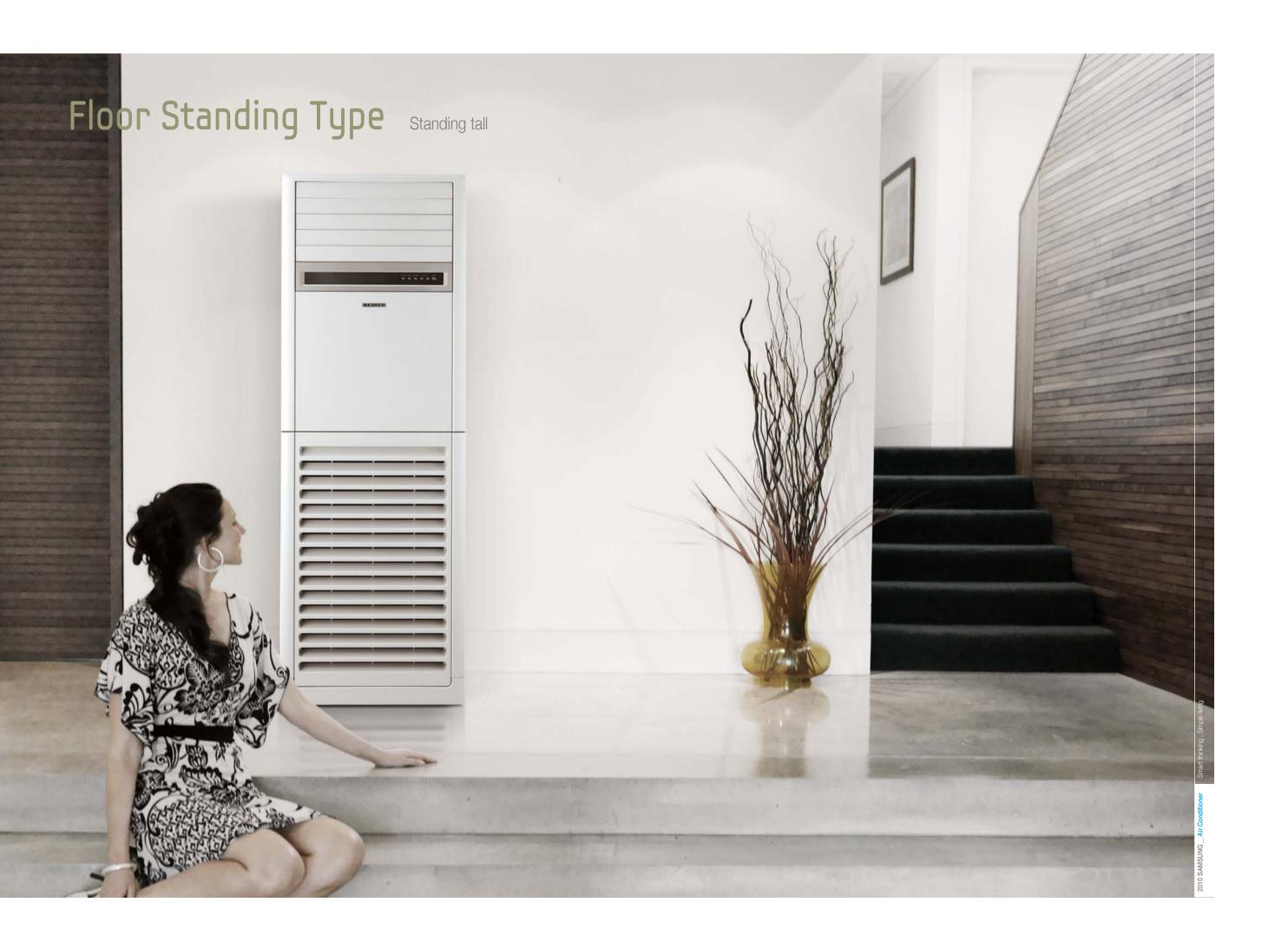
· 4 way air direction · Timer

· Air ventilation · Slide in/out

· 3 stage fan/cool mode

	12K Btu	18K Btu	24K Btu
230 / 50 / 1	AW12ZKA	AW18ZKA	AW24ZKB





Auto Shutter

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





Deluxe Design

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



Long-Range Air Conditioning

Therefore, thanks to the long-range air-flow, instantaneous cool air is felt by all, regardless of how far they are from the air condi-



Wide Airflow

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





AP28N1A

Features

- Turbo Mode
- Timer
- · Auto Shutter
- Remote Controller

Remote Control & Outdoor Unit







	Power Source (V/Hz/Ø)	Refrigerant	24K Btu	28K Btu
Heat Dumm	200~240V / 50 / 1	Doo	AP24N1A	-
Heat Pump	220 / 60 / 1	R22	-	AP28N1A
Cooling Only	200~240V / 50 / 1	R22	AP24N0A	-
Cooling Only	220 / 60 / 1	RZZ	-	AP28N0A

Queen Series Streamlined sophistication

Powerful Large Capacity

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

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

^{*} Copeland 53,000btu Recipro Compressor

Auto Blade

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





4-Way Auto Swing

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



Long Distance Air Flow

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.



Turbo Cooling System

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



AP55Q1B

Features

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

Remote Control & Outdoor Unit





			47K Btu	48K Btu	50K Btu	52K Btu
Heat Divine	380/50/3	Boo	AP50Q1A	-	=	=
Heat Pump	220/60/3	R22	-	-	AP55Q1B	-
	380/50/3		-	AP50Q0A	-	-
Cooling Only	380/60/3	R22	-	-	-	AP55Q2B
	220/60/3		-	-	-	AP55Q0B



MB/MBII



MODEL NO.			AQV09A*BN	AQV12A*BN	AQV18AWAN	AQV24AWAN	
AREA				EUR	OPE		
			S-Inverter	S-Inverter	S-Inverter	S-Inverter	
Refrigerant Type			R410A	R410A	R410A	R410A	
Performance							
Capacity	Cooling	Btu/hr. std	8,530	11,942	17,061	23,203	
		min~max	3,139~10,919	3,139~13,649	5,459~19,449	7,507~27,297	
		Cal/hr. std	2,150	3,009	4,299	5,847	
		min~max	791~2,752	791~3,439	1,376~4,901	1,892~6,879	
		kW std	2.5	3.5	5.0	6.8	
	Hankan	min~max	0.92~3.2	0.92~4.0	1.6~5.7	2.2~8.0	
	Heating	Btu/hr. std	11,601	13,649	20,473	27,297	
		min~max Cal/hr. std	3,139~17,061 2,923	3,139~18,767 3,439	5,118~25,591 5,159	6,483~32,415 6,879	
		min~max	791~4,299	791~4,729	1,290~6,449	1.634~8.169	
		kW std	3.4	4.0	1,290~0,449	1,034~8,109	
		min~max	0.92~5.0	0.92~5.5	1.5~7.5	1.9~9.5	
Energy Efficiency	Cooling	EER(Btu/W)	15.0	12.3	11.0	10.3	
Energy Eniciency	Cooling	EER(W/W)	4.40	3.60	3.23	3.01	
	Heating	COP(W/W)	4.40	3.7	3.41	2.84	
Moisture Removal	nealing	Ø/hr.	1.0	1.4	2.5	3.0	
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0	
Noise Level	Indoor High/Low	dB	31 / 20	35 / 21	40 / 30	41 / 30	
Noise Level		dB	45	35 / Z I 45			
Electrical Data	Outdoor High	UD	40	45	53	55	
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	000 040/50/4	220~240/50/1	
	Cooling	W			220~240/50/1		
Power Consumption	Cooling		570	970	1550	2260	
On earthur Oursel	Heating	W	810	1080	1760	2810	
Operating Current	Cooling	A	3.0	4.5	7.0	10.6	
D:	Heating	A	4.0	5.2	8.0	13.0	
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	900X304X185	900X304X185	1100x307x225	1100x307x225	
	Outdoor	mm	790X548X285	790X548X285	880X638X310	880X638X310	
Net Weight	Indoor	kg	10.2	10.2	12.7	12.7	
	Outdoor	kg	35	35	52	52	
Shipping Weight	Indoor	kg	12.6	12.6	15.8	15.8	
	Outdoor	kg	38	38	55.6	55.6	
Loading Q'ty	W Pipe	20/40ft/Jumbo	84/180/205	84/180/205	58/121/138	58/121/138	
	W/O Pipe	20/40ft/Jumbo	88/187/223	88/187/223	54/115/129	54/115/129	
Technical Information							
SVC Valve	Liquid	ODxL	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	ø6.35mmx5m	
	Gas	ODxL	ø9.52mmx5m	ø9.52mmx5m	ø12.7mmx5m	ø15.88mmx5m	
Piping Length	STD	mm	5	5	5	5	
	Max	mm	15	15	30	30	
Piping Height	Max	mm	8	8	15	15	
Features							
MPI			•	•	•	•	
Good Sleep II			•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	
	Silver Coated Evaporator		•	•	•	•	
Anti Virus Filter			•	•	•	•	
Pure & Clean Air	DNA Filter		•	•	•	•	
	Pure Filter (HAF Filter)						
	Catechin Filter						
	Deodorizing Filter		•	•	•	•	
Operating Mode	Digital i Plus						
	Dehumidification		•	•	•	•	
	Turbo Mode		•	•	•	•	
	Timer		•	•	•	•	
	Energy Saving Mode		•	•	•	•	
	Auto Restart		•	•	•	•	
	Auto Changeover		•	•	•	•	
			•	•	•	•	
Convenience	Auto Wind			4/3	4/3	4/3	
Convenience	Auto Wind Air Flow Control Steps (Cool/Fan)		4/3				
Convenience	Air Flow Control Steps (Cool/Fan		4/3 AUTO	AUTO	AUTO	AUTO	
Convenience	Air Flow Control Steps (Cool/Fan Air Direction Control (Up/Down)		AUTO		AUTO		
Convenience	Air Flow Control Steps (Cool/Fan			AUTO		AUTO MANUAL	
Convenience	Air Flow Control Steps (Cool/Fan Air Direction Control (Up/Down) Air Direction Control (Left/Right) Auto Grille		AUTO MANUAL	AUTO MANUAL	AUTO		
Convenience	Air Flow Control Steps (Cool/Fan Air Direction Control (Up/Down) Air Direction Control (Left/Right) Auto Grille Remote Controller		AUTO MANUAL •	AUTO MANUAL •	AUTO MANUAL	MANUAL	
	Air Flow Control Steps (Cool/Fan Air Direction Control (Up/Down) Air Direction Control (Left/Right) Auto Grille Remote Controller Auto Clean (self cleaning)		AUTO MANUAL •	AUTO MANUAL • •	AUTO MANUAL •	MANUAL • •	
Convenience Etc. Low Ambient	Air Flow Control Steps (Cool/Fan Air Direction Control (Up/Down) Air Direction Control (Left/Right) Auto Grille Remote Controller	°C	AUTO MANUAL •	AUTO MANUAL • •	AUTO MANUAL	MANUAL •	

AQV09A*ANSER	AQV12A*ANSER	AQ09A*ANSER	AQ12A*ANSER	AQ09AWA*	AQ12AWA*	AQ18AWA*	AQ24AWA*
SouthEa	st Asia	C	CIS		N	IEA	
HP	HP	HP	HP	HP	HP	HP	HP
R410A	R410A	R22	R22	R22	R22	R22	R22
8,189	11,601	9,000	12,000	9,000	12,000	18,000	24,000
3,378~10,919	3,378~13,649						
2,064	2,923	2,322	3,009	2,322	3,009	4,385	5,847
851~2,752	851~3,439						
2.4	3.4	2.7	3.5	2.7	3.5	5.1	6.8
0.99~3.2	0.99~4.0						
11,601	13,649	10,000	13,000	10,000	13,000	20,000	24,000
3,378~15,355	3,378~17,743						
2,923	3,439	2,494	3,267	2,494	3,267	4,987	6,019
851~3,869	851~4,471						
3.4	4.0	2.9	3.8	2.9	3.8	5.8	7.0
0.99~4.5	0.99~5.2						
14.1	11.7	9.80	9.55	9.80	9.55	9.47	9.23
4.14	3.43	2.87	2.80	2.87	2.80	2.78	2.71
4.0		3.30	3.22	3.30	3.22	3.13	2.71
1.0	1.4	1.0	1.3	1.0	1.3	1.9	2.6
8.0	9.0	7	9	8	9	15	17
31/20	35/21	37/26	39 / 28	37/26	39 / 28	45/38	47 / 40
45.0	45.0	51	53	51	53	58	61
220~240/50/1	220 240/50/4	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220 240/50/4	220 240/50/4
585	220~240/50/1 983	220~240/50/1	1250	220~240/50/1	1250	220~240/50/1	220~240/50/1 2600
000	903	880	1180	880	1180	1870	2600
		4.3	5.6	4.3	5.6	9	12.5
		3.9	5.3	3.9	5.3	9	12.5
		0.0	0.0	0.0	0.0	3	12.0
900X304X185	900X304X185	900x304x185	900x304x185	900x304x185	900x304x185	1100x307x225	1100x307x225
790X548X285	790X548X285	660X470X240	720X548X265	660X470X240	720X548X265	790X548X285	880X638X310
10.2	10.2	10.2	10.2	10.2	10.2	12.7	12.7
32.6	32.6	26	33.8	26	33.8	39	56
12.6	12.6	12.6	12.6	11.5	11.5	16	16
35.4	35.4	30	35	27.5	35	43	58
-	-	116/234/266	96/195/216	116/234/266	96/195/216	66/144/166	58/121/138
86/182/208	86/182/208	120/246/291	102/214/230	120/246/291	102/214/230	69/150/168	54/115/129
ø6.35mmx7.5m	ø6.35mmx7.5m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0m	ø6.35mmX5.0r
ø9.52mmx7.5m	ø9.52mmx7.5m	ø9.52mmX5.0m	ø12.7mmX5.0m	ø9.52mmX5.0m	ø12.7mmX5.0m	ø12.7mmX5.0m	ø15.88mmX5.0
7.5	7.5	5	5	5	5	5	5
15	15	15	15	15	15	15	20
8	8	7	7	7	7	8	8
•	•	•	•	•	•	•	•
•		•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
			•		•	•	
•							
•	•	•	•		•	•	
•	•	•	•	•	•	•	
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
•	•	•	•	•	•		
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
-10~43	-10~43	15~43	15~43				
-15~24	-15~24	-5~24	-5~24				

MB/MBII



MODEL NO.			AS18DWA*	AS24DWA*	AQ18DWA*	AQ24DWA*
AREA				MI	ΞA	
			CO	CO	HP	HP
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr. std	18,000	24,000	18,000	24,000
		min~max	4.005	5.047	4.005	5.047
		Cal/hr. std min~max	4.385	5.847	4,385	5,847
		kW std	5.10	6.8	5.1	6.8
		min~max	5.10	0.0	5.1	0.0
	Heating	Btu/hr. std	-	-	20,000	24,000
		min~max			20,000	21,000
		Cal/hr. std		-	4,987	6,019
		min~max				
		kW std	-	-	5.8	7.0
		min~max				
Energy Efficiency	Cooling	EER(Btu/W)	9.50	9.23	9.47	9.23
		EER(W/W)	2.79	2.71	2.78	2.71
	Heating	COP(W/W)	-	-	3.13	2.71
Moisture Removal		Øhr.	1.9	2.6	1.9	2.6
Air Circulation (Max)		m³/min	15	17	15	17
Noise Level	Indoor High/Low	dB	45/38	47 / 40	45/38	47 / 40
	Outdoor High	dB	58	61	58	61
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	1894	2600	1900	2600
	Heating	W	- -	-	1870	2600
Operating Current	Cooling	A	9	12.5	9	12.5
Disconsissa O. Lacadian Otto	Heating	A	-	-	9	12.5
Dimension & Loading Q'ty	ladaa		1100 007 005	1100,007,005	1100.007.005	4400.007.005
Net Dimension (WxHxD)	Indoor	mm	1100x307x225	1100x307x225	1100x307x225	1100x307x225
Net Weight	Outdoor Indoor	mm	790X548X285	880X638X310	790X548X285	880X638X310
ivet weight	Outdoor	kg kg	12.7 39	12.7 56	12.7 39	12.7 56
Shipping Weight	Indoor	kg	16	16	16	16
Onlipping weight	Outdoor	kg	43	58	43	58
Loading Q'ty	W Pipe	20/40ft/Jumbo	66/144/166	58/121/138	66/144/166	58/121/138
Loading Q ty	W/O Pipe	20/40ft/Jumbo	69/150/168	54/115/129	69/150/168	54/115/129
Technical Information	THO T IPO	20/10/00/1000	00/100/100	04/110/120	00/100/100	04/110/120
SVC Valve	Liquid	ODxL	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m
	Gas	ODxL	ø 12.7mmX5.0m	ø 15.88mmX5.0m	ø 12.7mmX5.0m	ø 15.88mmX5.0m
Piping Length	STD	mm	5	5	5	5
. 0 0	Max	mm	15	20	15	20
Piping Height	Max	mm	8	8	8	8
Features						
MPI						
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter			•	•	•	•
Pure & Clean Air	DNA Filter		•	•	•	•
	Pure Filter (HAF Filter)					
	Catechin Filter					
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus					
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
0	Auto Changeover				•	•
Convenience	Auto Wind		4/0	•	4/0	4/0
	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL
	Auto Grille					
	Remote Controller		•	•	•	•
	Auto Clean (self cleaning)		ROTARY	• ROTARY	• ROTARY	ROTARY
Et o						
Etc. Low Ambient	Compressor Type Cooling	°C	NUIANT	notant	notant	HOIAII

AS18DWAUMG	AS24DWAUMG	AQ18DWAUMG	AQ24DWAUMG
	N	ΛΕΑ	
CO	CO	HP	HP
R22	R22	R22	R22
18000	24000	18000	24000
4,385	5,847	4,385	5,847
4,000	5,047	4,000	0,047
5.10	6.80	5.10	6.80
-	-	20000	24000
-	-	5,039	6,046
	·	5,009	0,040
-		5.86	7.03
9.50	9.23	9.50	9.23
2.79	2.71	2.79	2.71
- 1.9	- 2.6	<u>11.11</u> 1.9	9.23 2.6
1.9	2.0	1.9	2.0
45/38	47 / 40	45/38	47 / 40
58	61	58	61
220/60/1	220/60/1	220/60/1	220/60/1
1894	<u>2</u> 600 -	1894 1800	2600 2600
9	12.5	9	12
-	-	8	12
1100x307x225	1100x307x225	1100x307x225	1100x307x225
790X548X285	880X638X310	790X548X285	880X638X310
12.7 39	12.7 56	12.7 39	12.7 56
16	16	16	16
43	58	43	58
66/144/166	58/121/138	66/144/166	58/121/138
69/150/168	54/115/129	69/150/168	54/115/129
- 0.05V5.0	- 0.05	- 0.05·····V/5.0··	
Ø 6.35mmX5.0m Ø 12.7mmX5.0m	ø 6.35mmX5.0m ø 15.88mmX5.0m	ø 6.35mmX5.0m ø 12.7mmX5.0m	ø 6.35mmX5.0m ø 15.88mmX5.0m
5	5	5	5
15	20	15	20
8	8	8	8
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
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•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO
MANUAL	MANUAL	MANUAL	MANUAL
•	•	•	•
ROTARY	ROTARY	ROTARY	ROTARY

Vivace





MODEL NO.			AQV09VBEN	AQV12VBEN	AQV18VG	AQV24VBE
AREA				Euro	ope	
			S Inverter	S Inverter	S Inverter	S Inverter
Refrigerant Type			R410A	R410A	R410A	R410A
Performance						
Capacity	Cooling	Btu/hr. std	8,530	11,942	17,061	23,203
		min~max	3,378~10,919	3,337~10,919	5,459~2,0473	7,507~27,297
		kCal/hr. std	2,150	3,009	4,299	5,847
		min~max	851~2,149	851~2,751	1,376~5,159	1,892~6,879
		kW std	2.5	3.5	5.0	6.8
		min~max	0.99~3.2	0.99~4.0	1.6~6.0	2.2~8.0
	Heating	Btu/hr. std	11,942	13,649	20,473	27,297
		min~max	3,378~15,354	3,378~13,649	4,095~25,591	6,483~32,415
		kCal/hr. std	3,009	3,439	5,159	6,879
		min~max	851~3,869	851~3,439	1,032~6,449	1,634~8,169
		kW std	3.5	4.0	6.0	8.0
		min~max	0.99~4.5	0.99~5.2	1.2~7.5	1.9~9.5
Energy Efficiency	Cooling	EER(Btu/W)	14.0	11.6	11.6	10.3
		EER(W/W)	4.10	3.40	3.40	3.01
	Heating	COP(W/W)	4.12	3.64	3.61	2.81
Moisture Removal		Ø/hr.	1.0	1.4	2.5	3.0
Air Circulation (Max)		m³/min	8.0	9.0	13.0	15.0
Noise Level	Indoor High/Low	dB	31/21	35 / 21	40 / 30	41 / 30
	Outdoor High	dB	45	45	53	55
Electrical Data						
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/
Power Consumption	Cooling	W	610	1030	1470	2260
	Heating	W	850	1100	1660	2850
Operating Current	Cooling	A	3.0	4.8	6.8	10.6
	Heating	A	4.5	5.2	7.7	13.0
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	1065x298x218	1065x298x218
	Outdoor	mm	790x548x285	790x548x285	880x638x310	880x638x310
Net Weight	Indoor	kg	9	9	13	13
Tiot Troigin	Outdoor	kg	33.8	33.8	46	51
Shipping Weight	Indoor	kg	11	11	16	16
Oripping Weight	Outdoor	kg	37	37	50	53
Loading Q'ty	W Pipe	20/40ft/Jumbo	91/193/216	91/193/216	61/128/150	61/128/150
Loading Q ty	W/O Pipe	20/40ft/Jumbo				
Technical Information	W/O Pipe	20/4011/3011100	101/209/233	101/209/233	66/138/153	66/138/153
	13	ODxL	- 0.05	- 0.05	- 0.05	- 0.05
SVC Valve	Liquid		ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5n
P: 1 #	Gas	ODxL	ø 9.52mmx5m	ø 9.52mmx5m	ø 12.7mmx5m	ø 15.88mmx5r
Piping Length	STD	mm	5	5	5	5
D: : 11 : 11	Max	mm	15	15	30	30
Piping Height	Max	mm	8	8	15	15
eatures						
MPI			•	•	•	•
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter			•	•	•	•
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus					
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
Convenience	Auto Wind		•	•	•	•
	Air Flow Control Steps (Cool/Fan		4/3	4/3	4/3	4/3
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL
	Auto Grille		• IVANUAL	•	• IVIANUAL	IVIANUAL
	Remote Controller		•	•	•	•
				•	•	•
Eto.	Auto Clean (self cleaning)		• DOTADY			
Etc.	Compressor Type	00	ROTARY	ROTARY	ROTARY	TWIN
Low Ambient	Cooling	°C	-10~43	-10~43	-10~43	-10~43
	Heating	°C	-15~24	-15~24	-15~24	-15~24

AQV09VSCNXSA	AQV12VSCNXSA	AQV18VSCNXSA	AQV24VSNXSA
AQVOOVOOIVAOA	SouthE		AQVZTVOIVAOA
C las santas			S Inverter
S Inverter R410A	S Inverter R410A	S Inverter R410A	R410A
N4TUA	N41UA	N4TUA	N410A
8,531	11,943	17,062	23,204
3,378~10,919	3,378~13,649	6,483~20,473	7,507~27,297
2,150	3,009	4,299	5,847
851~2,752	851~3,439	1,634~5,159	1,892~6,879
2.5	3.5	5.0	6.8
0.99~3.2	0.99~4.0	1.9~6.0	2.2~8.0
11,943	13,650	20,474	27,299
3,378~15,355	3,378~17,743	5,801~27,297	6,483~34,121
3,009	3,439	5,159	6,878
851~3,869	851~4,471	1,462~6,879	1,634~8,598
3.5	4.0	6.0	8.0
0.99~4.5	0.99~5.2	1.7~8.0	1.9~10.0
14.0	11.6	11.0	11.0
4.10	3.40	3.21	3.21
4.10	3.64	3.41	3.42
1.0	1.4	2.5	3.0
8.0	9.0	13.0	19.0
31/21	35 / 21	40 / 30	46 / 36
45	45	53	55
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
610	1030	1560	2120
853	1100	1760	2340
3.0	4.8	7.0	9.5
4.5	5.2	8.0	10.2
4.0	0.2	0.0	10.2
825x285x189	825x285x189	1065x298x218	1065x298x218
790x548x285	790x548x285	880x638x310	880x798x310
9	9	13	13
32.6	32.6	51	57
11	11	16	16
35.4	35.4	53	60
91/193/216	91/193/216	61/128/150	61/128/150
101/209/233	101/209/233	66/138/153	66/138/153
ø 6.35mmx7.5m	ø 6.35mmx7.5m	ø 6.35mmx7.5m	ø 6.35mmx7.5m
ø 9.52mmx7.5m	ø 9.52mmx7.5m	ø 12.7mmx7.5m	ø 15.88mmx7.5m
7.5	7.5	7.5	7.5
15	15	30	30
8	8	15	15
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO
MANUAL	MANUAL	MANUAL	MANUAL
•	•	•	•
•	•	•	•
•	•	•	•
ROTARY	ROTARY	TWIN	TWN
11017411			

Vivace



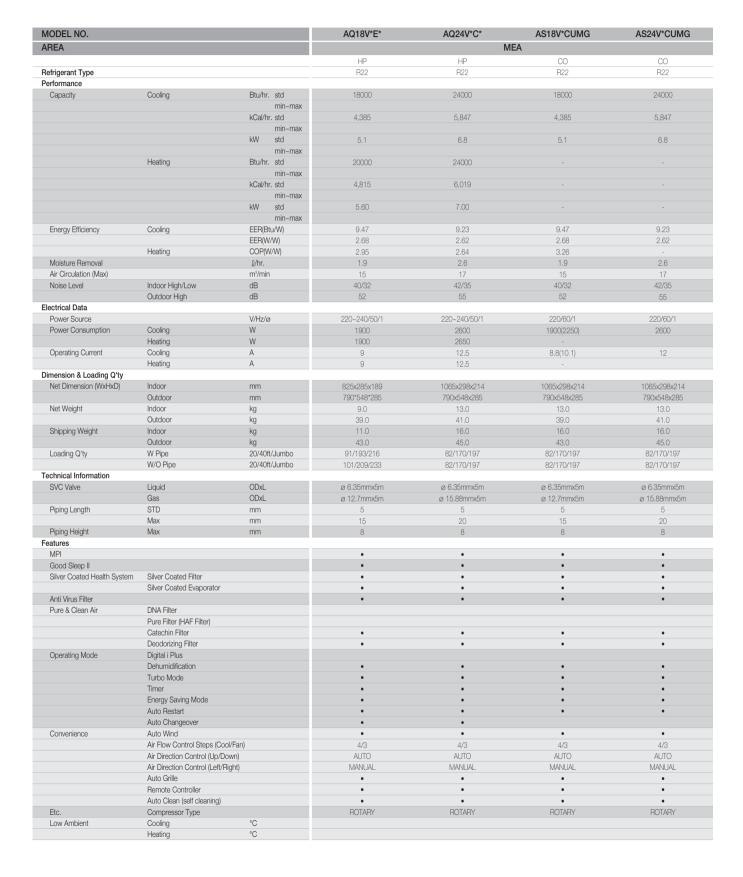


MODEL NO.			AQ09V*CNSER	AQ12V*CNSER	AQ18V*CNSER	AQ24V*CNSE
AREA				CIS	3	
			HP	HP	HP	HP
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr. std	9,300	12,000	18,000	24,000
		min~max				
		kCal/hr. std	2,344	3,024	4,385	5,847
		min~max				
		kW std	2.7	3.5	5.1	6.8
	Hastina	min~max Btu/hr. std	0.500	40.000	00.000	04.000
	Heating	min~max	9,500	13,000	20,000	24,000
		kCal/hr. std	2,394	3,276	4,987	6,019
		min~max	2,004	0,210	4,507	0,019
		kW std	2.8	3.8	5.6	7.0
		min~max	2.0	0.0	0.0	7.0
Energy Efficiency	Cooling	EER(Btu/W)	9.30	9.52	9.47	9.23
Energy Emolericy	300m/g	EER(W/W)	2.73	2.79	2.68	2.62
	Heating	COP(W/W)	3.09	3.31	2.95	2.64
Moisture Removal		Ø/hr.	1.0	1.3	1.9	2.6
Air Circulation (Max)		m³/min	8	9	15	17
Noise Level	Indoor High/Low	dB	40/26	44/26	48/33	48/33
	Outdoor High	dB	55	57	58	58
lectrical 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	1000	1260	1900	2600
	Heating	W	900	1150	1900	2650
Operating Current	Cooling	A	4.5	5.8	9	12.5
	Heating	A	4.0	5.3	9	12.5
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825X285X189	825X285X189	825x285x189	1065x298x214
	Outdoor	mm	660X470X240	660X470X240	790*548*285	790x548x285
Net Weight	Indoor	kg	9	9	9.0	13.0
	Outdoor	kg	26	26.5	39.0	41.0
Shipping Weight	Indoor	kg	11	11	11.0	16.0
	Outdoor	kg	27.5	28.0	43.0	45.0
Loading Q'ty	W Pipe	20/40ft/Jumbo	116/240/273	116/240/273	91/193/216	82/170/197
	W/O Pipe	20/40ft/Jumbo	136/280/300	136/280/300	101/209/233	82/170/197
Technical Information						
SVC Valve	Liquid	ODxL	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5m	ø 6.35mmx5m
	Gas	ODxL	ø 9.52mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5m	ø 15.88mmx5n
Piping Length	STD	mm	5	5	5	5
	Max	mm	15	15	15	20
Piping Height	Max	mm	7	7	8	8
eatures						
MPI			•	•	•	•
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter			•	•	•	•
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
0 " 11 1	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus		•	•		
	Dehumidification Table 2 Martin		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode Auto Restart				•	•
			•	•	•	•
Convenience	Auto Changeover		•	•	•	•
Convenience	Auto Wind Air Flow Control Stone (Cool/Fan)					
	Air Flow Control Steps (Cool/Fan)		4/3 AUTO	4/3 AUTO	4/3 ALITO	4/3 AUTO
	Air Direction Control (Up/Down) Air Direction Control (Left/Right)		MANUAL	MANUAL	AUTO MANUAL	MANUAL
	Air Direction Control (Left/Right) Auto Grille		MANUAL	MANUAL •	MANUAL •	MANUAL
	Remote Controller		•	•	•	•
Etc.	Auto Clean (self cleaning)		ROTARY	ROTARY	• ROTARY	ROTARY
	Compressor Type		NOTARY	NUIANY	NOTARY	HUTARY
Low Ambient	Cooling	°C				

AS09V*C*	AS12V*C*	AS18V*C*	AS18V*E*	AS24V*C*	AQ09V*C*	AQ12V*C*	AQ18V*C*
00	00	00	M	I EA	HP	HP	HP
CO R22	CO R22	CO R22	R22	R22	R22	R22	R22
1166	1 Maria	1 Maria	1 16-6-	1 these	1 No.	1 16-6-	1 Harta
9000	12,000	18000	18000	24000	9,000	12,000	18000
0.000	0.004	4.005	4.005	5.047	0.000	0.004	4.005
2,322	3,024	4,385	4,385	5,847	2,322	3,024	4,385
2.7	3.50	5.1	5.1	6.8	2.7	3.50	5.1
-	-	-	-	-	10,000	13,000	20000
					0.404	0.007	4.045
-	-	-	•	-	2,494	3,267	4,815
-	-	-	-	-	2.9	3.80	5.60
9.18	9.52	9.47	9.47	9.23	9.18	9.52	9.47
2.76	2.78	2.55	2.55	2.62	2.76	2.78	2.68
- 1	- 1.5	- 1.9	- 1.9	2.6	3.22 1.0	3.23 1.5	2.95
8	9.3	1.9	1.9	2.0	8	9.3	1.9
32/24	36/26	40/32	40/32	42/35	32/24	36/26	40/32
46	46	52	52	55	46	46	52
000 045 (000	000	000	000	000	000	
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/
980	1260	2000	2000	2600	980 900	1260 1180	1900 1900
4.6	5.8	9	9	12.5	4.6	5.8	9
-	-	-	-	-	4.1	5.3	9
825x285x189	825x285x189	1065X298X214	825x285x189	1065x298x214	825x285x189	825x285x189	1065x298x214
9.0	660x470x240 9.0	790X548X285 13.0	790X548X285 9.0	790x548x285 13.0	660x470x240 9.0	660x495x240 9.0	790x548x285 13.0
26.0	26.0	39.0	39.0	41.0	26.0	28.0	39.0
11.0	11.0	16.0	11.0	16.0	11.0	11.0	16.0
27.5	27.5	43.0	43.0	45.0	27.5	30.0	43.0
116/240/273	116/240/273	82/170/197	91/193/216	82/170/197	116/240/273	116/240/268	82/170/197
136/280/303	136/280/303	82/170/197	101/209/233	82/170/197	136/280/303	126/262/294	82/170/197
ø 6.35mmX5m	ø 6.35mmX5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m
ø 9.52mmX5m	Ø 12.7mmX5m	ø 12.7mmx5m	Ø 12.7mmx5m	ø 15.88mmx5m	Ø 9.52mmx5m	ø 12.7mmx5m	ø 12.7mmx5m
5	5	5	5	5	5	5	5
15	15	15	15	20	15	15	15
7	7	8	8	8	7	7	8
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
		•	•			•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
					•	•	•
•	•	•	•	•	•	•	•
4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3	4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO
MANUAL	AUTO MANUAL	MANUAL	AUTO MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
•	•	• IVIANOAL	•	• IVAINOAL	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY

Vivace





AQ18V*CUMG	AQ24V*CUMG	AS12VBBCXAP	AS18VBBCXAP	AS24VBBCXAP
M	EA		AMERICA	
HP	HP	CO	CO	00
R22	R22	R22	R22	R22
		· · · · · · · · · · · · · · · · · · ·	. —	
18000	24000	12,400	18000	24000
4,385	5,847	3,125	4,385	5846
5.1	6.8	3.64	5.1	6.8
20000	24000	-	-	-
4,815	6,019	•	-	-
5.60	7.00		-	-
9.47	9.23	9.54	9.47	8.73
2.68	2.62	2.80	2.78	2.56
3.26	2.81	- 1 5	-	- 0.5
1.9	2.692307692	1.5	1.9	2.5
15	17	9.4	15	15
40/32	42/35	44/26	48/33	48/33
52	55	57	59	58
220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
1900(2250)	2600	1300	1900	2750
1800	2650	-	1000	-
8.8(10.1)	12	6.2	9	13.5
8.2	12	-	<u></u>	-
0.2	12			
1065x298x214	1065x298x214	825x285x189	825x285x189	1065x298x214
790x548x285	790x548x285	660x470x240	790X548X285	790x548x285
13.0	13.0	9.0	9.0	13.0
39.0	41.0	26.0	39.0	41.0
16.0	16.0	11.0	11.0	16.0
43.0	45.0	27.5	43.0	45.0
		116/240/273		
82/170/197	82/170/197		91/193/216	82/170/197
82/170/197	82/170/197	136/280/303	101/209/233	82/170/197
ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmX5m	ø 6.35mmX5m
ø 12.7mmx5m	ø 15.88mmx5m	ø 12.7mmx5m	ø 12.7mmX5m	ø 15.88mmX5m
5	5	5	5	5
15	20	15	15	20
8	8	7	8	8
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•			
•	•	•	•	•
4/3	4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO	AUTO
MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
•	•	•	•	•
•	•	•	•	•
			•	•
• ROTARY	• ROTARY	ROTARY	ROTARY	ROTARY



MODEL NO.			AQV09EWCN	AQV12EWCN	AQV09EWAN	AQV12EWAN
AREA				Ει	irope	
			S-Inverter	S-Inverter	S-Inverter	S-Inverter
Refrigerant Type			R410A	R410A	R410A	R410A
Performance						
Capacity	Cooling	Btu/hr. std	8,530	11,942	8,530	11,942
		min~max	3,378~10,919	3,378~13,649	3,378~10,919	3,378~13,649
		kCal/hr. std	2,150	3,009	2,150	3,009
		min~max	851~2,752	851~3,439	851~2,752	851~3,439
		kJ/hr	0.5	0.5	0.5	0.5
		kW std	2.5	3.5	2.5	3.5
	Heating	min~max Btu/hr.	10,919	0.99~4.0 13,649	0.99~3.2 11,260	0.99~4.0 13,649
	пеашу	min~max	3,378~17,743	3,378~20,473	3,378~15,355	3,378~17,743
		kCal/hr.	2,752	3,439	2,837	3,439
		min~max	851~4.471	851~5,159	851~3,869	851~4,471
		kW	3.2	4.0	3.3	4.0
		min~max	0.99~5.2	0.99~6.0	0.99~4.5	0.99~5.2
Energy Efficiency	Cooling	EER(Btu/W)	15.7	13.6	13.9	11.2
3, 11,	3	EER(W/W)	4.60	4.00	4.08	3.30
	Heating	COP(W/W)	4.60	4.20	4.10	3.61
Moisture Removal		g/hr.	1.0	1.4	1.0	1.4
Air Circulation (Max)		m³/min	11.5	12.0	8.0	9.0
Noise Level	Indoor High/Low	dB	35 / 21	39 / 21	31/21	35/21
	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	540	880	613	1060
	Heating	W	700	950	805	1108
Operating Current	Cooling	A	2.8	4.2	3.0	4.8
	Heating	A	3.4	4.6	3.5	5.2
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	890x285x190	890x285x190	820x285x190	820x285x190
	Outdoor	mm	790 x 548 x 285	790 x 548 x 285	790X548X285	790X548X285
Net Weight	Indoor	kg	9.9	9.9	8.2	8.2
	Outdoor	kg	35	35	31.5	31.5
Shipping Weight	Indoor	kg	12.1	12.1	10	10
1 1 01	Outdoor	kg	38	38	35.4	35.4
Loading Q'ty	W Pipe	20/40ft/Jumbo	90/188/210	90/188/210	92/190/212	92/190/212
Paralanda al Indanos atlan	W/O Pipe	20/40ft/Jumbo	97/202/228	97/202/228	96/204/229	96/204/229
Technical Information SVC Valve	Liousial	ODxL	- 0.05 V.5	- 0.05 V.5	- 0.05 V.5	- 0.05 V.F
SVC valve	Liquid		ø 6.35mm X 5m	ø 6.35mm X 5m	ø 6.35mm X 5m	ø 6.35mm X 5m
Piping Length	Gas STD	ODxL mm	ø 9.52mm X 5m	ø 12.7mmx5m	ø 9.52mm X 5m	ø 9.52mm X 5m
riping Lengui	Max	mm	5 15	5 15	5 15	5 15
Piping Height	Max	mm	8	8	8	8
Features	IVIdA	111111	0	0	0	0
MPI			•	•	•	•
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
onvoi ocatoa ricatar oyotorri	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter			•	•	•	•
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus		•	•	•	•
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
Convenience	Auto Wind		•	•	•	•
	Air Flow Control Steps (Cool/Fan		•	•	•	•
	Air Direction Control (Up/Down)		4/3	4/3	4/3	4/3
	Air Direction Control (Left/Right)		AUTO	AUTO	AUTO	AUTO
	Auto Grille		MANUAL	MANUAL	MANUAL	MANUAL
	Remote Controller		•	•	•	•
	Auto Clean (self cleaning)		•	•	•	•
Etc.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	-10~46	-10~46	-10~43	-10~43
	Heating	°C	-15~24	-15~24	-15~24	-15~24

AQV18EWAN	AQV24EWAN	ASV10ESLNXST	ASV13ESLNXST	ASV18ESLNXST	ASV24ESLNXST	ASV10ESLNXEA	ASV13ESLNXEA
Eu	rope			South	East Asia		
S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter
R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
11410/1	THION	11410/1	11410/1	TITION	11-10/1	11410/1	THTOT
17,061	23,203	8.530	10,919	17,061	20,473	9,725	12.830
5,459~20,473	7,507~27,297	2,900 ~10,919	3,310 ~13,649	4,095 ~21,155	5,459 ~27,297	2,730 ~10,919	3,378 ~13,649
4,299	5,847	2,150	2,752	4,299	5,159	2,451	3,233
1,376~5,159	1,892~6,879	731 ~2,752	834 ~3,439	1,032 ~5,331	1,376 ~6,879	688 ~2,752	851 ~3,439
1,010-0,100	1,002-0,010	9.00	11.52	18.00	21.60	10.26	13.54
5.0	6.8	2.5	3.2	5	6	2.85	3.76
1.6~6.0	2.2~8.0	0.85~3.2	0.97~4	1.2~6.2	1.6~8	0.8~3.2	0.99~4
20,473	27,297	0.00~0.2	-	1.2~0.2	1.0~0	-	-
4,095~25,591	6,483~32,415						
5,159	6,879		-	-	-	-	-
1,032~6,449	1,634~8,169	•	*	•	•	-	-
6.0	8.0		-	-	-	-	-
1.2~7.5	1.9~9.5	•	•	•	•	-	-
11.6	10.3	13.3	12.0	12.3	11.5	13.7	12.7
3.40	3.01	3.91	3.52	3.60	3.37	4.01	3.72
3.61	2.81	- 10	- 1 4	-	-	- 1.0	- 1.4
2.5	3.0	1.0	1.4	2.5	3.0	1.0	1.4
13.0	15.0	8.0	9.0	13.0	15.0	8.0	9.0
40/30	41/30	36/22	38/23	45/32	45/32	36/22	38/23
53	55	47	47	55	57	47	47
000 040/50/4	200 040/50/4	000/50/4	000/50/4	000/50/4	000/50/4	000 040/50/4	000 040/50/4
220~240/50/1	220~240/50/1	220/50/1	220/50/1	220/50/1	220/50/1	220~240/50/1	220~240/50/1
1470	2260	640	910	1390	1780	710	1010
1660	2850		-	-	-	-	-
6.8	10.6	2.9	4.3	6.6	8.2	3.4	4.8
7.7	13.0	-	-	-	-	-	-
1065x298x222	1065x298x222	820x285x190	820x285x190	1065x298x222	1065x298x222	820x285x190	820x285x190
880x638x310	880x638x310	790X548X285	790X548X285	880X638X310	880X798X310	720X548X265	720X548X265
13	13	7.9	7.9	13	13	7.5	7.9
46	52	33.8	9.5	46	59.2	31	31
16	16	9.5	9.5	16	16	9.1	9.5
50	56	37	37	49.5	64.8	34	34
61/130/150	61/130/150	92/190/212	92/190/212	61/130/150	55/114/135	96/200/224	96/200/224
66/138/152	66/138/152	96/204/229	96/204/229	66/138/152	60/124/139	103/216/246	103/216/246
ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mm X 7.5m	ø 6.35mm X 5m	ø 6.35mm X 5m			
ø 12.7mmx5m	ø 15.88mmx5m	ø 9.52mm X 7.5m	ø 9.52mm X 7.5m	ø 12.7mm X 7.5m	ø 15.88mm X 7.5m	ø 9.52mm X 5m	ø 9.52mm X 5m
5	5	7.5	7.5	7.5	7.5	5	5
30	30	15	15	30	30	15	15
15	15	7	7	15	15	7	7
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4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
•	•	•	•	•	•	•	•
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TWN	TWIN	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
-10~43	-10~43	16~46	16~46	16~46	16~46	16~46	16~46
-15~24	-15~24			_			



MODEL NO.			ASV18ESLNXEA	ASV24ESLNXEA	ASV09ESLNXTC	ASV12ESLNXT
AREA				SouthEa		
			S-Inverter	S-Inverter	S-Inverter	S-Inverter
Refrigerant Type			R410A	R410A	R410A	R410A
Performance Capacity	Cooling	Btu/hr. std	18,084	22,179	9,042	11,021
Оараску	Cooling	min~max	4,436 ~21,838	6,483 ~28,150	2.730 ~10.919	3,310 ~13,649
		kCal/hr. std	4,450 ~21,000	5,589	2,279	2,777
		min~max	1,118 ~5,503	1,634 ~7,094	688 ~2,752	834 ~3,439
		kJ/hr	19.08	23.40	9.54	11.63
			5.3	6.5	2.65	3.23
	Harken	min~max	1.3~6.4	1.9~8.25	0.8~3.2	0.97~4
	Heating	Btu/hr. std	-	-	-	-
		min~max				
		kCal/hr. std	-	-	-	-
		min~max				
		kW std	-	-	-	-
		min~max				
Energy Efficiency	Cooling	EER(Btu/W)	12.9	12.1	13.1	13.0
		EER(W/W)	3.79	3.53	3.84	3.80
	Heating	COP(W/W)	-	-	-	-
Moisture Removal		۵/hr.	2.5	3.0	1.0	1.4
Air Circulation (Max)		m³/min	13.0	15.0	8.0	9.0
Noise Level	Indoor High/Low	dB	45/32	45/32	36/22	38/23
	Outdoor High	dB	55	57	47	47
lectrical Data						
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	230/60/1	230/60/1
Power Consumption	Cooling	W	1400	1840	690	850
. s.ror concumption	Heating	W	-	-	-	-
Operating Current	Cooling	A	6.4	8.2	3.2	4.0
oporating out on	Heating	A	0.4	- 0.2	- 0.2	4.0
imension & Loading Q'ty	rieating	Λ	-	-	-	-
	Indoor		1065x298x222	1065x298x222	820x285x190	820x285x190
Net Dimension (WxHxD)		mm				
NI-4 VM/-1-I-4	Outdoor	mm	880X638X310	880X638X310	720X548X265	790X548X285
Net Weight	Indoor	kg	13	13	7.5	7.9
	Outdoor	kg	46	52	31	33.8
Shipping Weight	Indoor	kg	16	16	9.1	9.5
	Outdoor	kg	49.5	55.6	34	37
Loading Q'ty	W Pipe	20/40ft/Jumbo	61/130/150	61/130/150	96/200/224	92/190/212
	W/O Pipe	20/40ft/Jumbo	66/138/152	66/138/152	103/216/246	96/204/229
echnical Information						
SVC Valve	Liquid	ODxL	ø 6.35mm X 5m			
	Gas	ODxL	ø 12.7mm X 5m	ø 15.88mm X 5m	ø 9.52mm X 5m	ø 9.52mm X 5m
Piping Length	STD	mm	5	5	5	5
	Max	mm	30	30	15	15
Piping Height	Max	mm	15	15	7	7
eatures						
MPI			•	•	•	•
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
Out of Ocalou Floatin Oyolom	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter	5701 Oddiod Evaporator		•		•	•
	DNA Filter					
Pure & Clean Air	Pure Filter (HAF Filter)			-		
	Catechin Filter		•	•	•	•
			•			
On anating Mast-	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus		*	*	*	-
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		-	-	-	-
Convenience	Auto Wind		-	-	÷	-
	Air Flow Control Steps (Cool/Fa	n)	•	•	•	•
	Air Direction Control (Up/Down)		4/3	4/3	4/3	4/3
	Air Direction Control (Left/Right)		AUTO	AUTO	AUTO	AUTO
	Auto Grille		MANUAL	MANUAL	MANUAL	MANUAL
	Remote Controller		•	•	•	•
	Auto Clean (self cleaning)		•	•	•	•
Etc			ROTADV	ROTADV	R∪T∧D∨	DATADV
Etc. Low Ambient	Compressor Type Cooling	°C	ROTARY 16~46	ROTARY 16~46	ROTARY 16~46	ROTARY 16~46

ASV18ESLNXTC	ASV24ESLNXTC	ASV09ESLNXSS	ASV12ESLNXSS	ASV18ESLNXSS	ASV24ESLNXSS	ASV12ESLXAP	ASV18ESLXAP
		SouthE	ast Asia			Am	erica
S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter	S-Inverter
R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
17,743	20,473	8,530	11,021	17,743	20,473	11,022	17,744
4,436 ~21,838	6,483 ~28,150	2,730 ~10,919	3,310 ~13,649	4,436 ~21,838	5,459 ~27,297	3,379 ~ 13,649	4,436 ~ 21,838
4,471	5,159	2,150	2,777	4,471	5,159	2,778	4,472
1,118 ~5,503	1,634 ~7,094	688 ~2,752	834 ~3,439	1,118 ~5,503	1,376 ~6,879	852 ~ 3,440	1,118 ~ 5,504
18.72	21.60	9.00	11.63	18.72	21.60		
5.2	6	2.5	3.23	5.2	6	3.23	5.20
1.3~6.4	1.9~8.25	0.8~3.2	0.97~4	1.3~6.4	1.6~8	0.99 ~ 4	1.3 ~ 6.4
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
12.9	12.4	13.4	13.0	12.4	12.6	13.1	13.1
3.77	3.64	3.94	3.82	3.64	3.68	3.85	3.85
-	-	-	-	-	-	-	-
2.5	3.0	1.0	1.4	2.5	3.0	1.4	2.5
13.0	15.0	8.0	9.0	13.0	15.0	9.0	13.0
45/32	45/32	36/22	38/23	45/32	45/32	38/23	45/32
55	57	47	47	55	57	47	55
230/60/1	230/60/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	230/60/1	230/60/1
1380	1650	635	845	1430	1630	840	1350
-	-	-	-	-	-	-	-
6.3	7.3	3.0	4.0	6.7	7.6	4.0	6.3
-	÷	-	•	÷	•	-	÷
1065x298x222	1065x298x222	820x285x190	820x285x190	1065x298x222	1065x298x222	820x285x190	1065x298x222
880X638X310	880X638X310	720X548X265	790X548X285	880X638X310	880X798X310	720X548X265	880X638X310
13	13	7.5	7.9	13	13	7.9	13
46	52	31	33.8	46	59.2	31	46
16	16	9.1	9.5	16	16	9.5	16
49.5	55.6	34	37	49.5	64.8	34	49.5
61/130/150	61/130/150	96/200/224	92/190/212	61/130/150	55/114/135	96/200/224	61/130/150
66/138/152	66/138/152	103/216/246	96/204/229	66/138/152	60/124/139	103/216/246	66/138/152
ø 6.35mm X 5m	ø 6.35mm X 5m	ø 6.35mm X 5m	ø 6.35mm X 5m	ø 6.35mm X 5m	ø 6.35mm X 7.5m	ø 6.35mm X 5m	ø 6.35mm X 5m
ø 12.7mm X 5m	ø 15.88mm X 5m	ø 9.52mm X 5m	ø 9.52mm X 5m	ø 12.7mm X 5m	ø 15.88mm X 7.5m	ø 9.52mm X 5m	ø 12.7mm X 5m
5	5	5	5	5	7.5	5	5
30	30	15	15	30	30	15	30
15	15	7	7	15	15	7	15
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4/9	4/0	4/9	4/9	4/0	Φ Λ/0	4/0	4/0
4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
AUTO	OTUA	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
•	•	•	•	•	•	•	•
	• DOTADV				• DOTADV		
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
16~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46



MODEL NO.			ASV24ESLXAP	ASV12ESLXAX	ASV18ESLXAX	ASV24ESLXA
AREA					merica	
			S-Inverter	S-Inverter	S-Inverter	S-Inverter
Refrigerant Type			R410A	R410A	R410A	R410A
Performance	0 "	B. 4				
Capacity	Cooling	Btu/hr. std	20,473	11,022	17,744	20,473
		min~max	6,484 ~ 28,151	3,379 ~ 13,649	4,436 ~ 21,838	6,484 ~ 28,151
		Cal/hr. std	5,160	2,778	4,472	5,160
		min~max	1,634 ~ 7,094	852 ~ 3,440	1,118 ~ 5,504	1,634 ~ 7,094
		kW std	6.00	3.23	5.20	6.00
	Heating	min~max Btu/hr. std	1.9 ~ 8.25	0.99 ~ 4	1.3 ~ 6.4	1.9 ~ 8.25
	Heating		-	•	-	-
		min~max Cal/hr. std				
		min~max	*	•	•	
		kW std	-	-		-
		min~max	*	•	•	-
Energy Efficiency	Cooling	EER(Btu/W)	12.8	13.1	13.1	12.8
Ellergy Elliciericy	Cooling	EER(W/W)	3.75	3.85	3.85	3.75
	Heating	COP(W/W)	-	-		
Moisture Removal	nealing	Ø/hr.	3.0	1.4	2.5	3.0
Air Circulation (Max)		m³/min	15.0	9.0		15.0
Noise Level	Indoor High/Low	dB	45/32	38/23	13.0 45/32	45/32
INUISE LEVEI		dB	45/32	38/23	45/32 55	45/32
lectrical Data	Outdoor High	UD	5/	41	00	51
Power Source		V/Hz/ø	230/60/1	230/60/1	220/60/4	230/60/1
Power Source Power Consumption	Cooling	V/Hz/Ø W			230/60/1	
Fower Consumption	Cooling		1600	840	1350	1600
0 " 0 "	Heating	W		-	-	-
Operating Current	Cooling	A	7.1	4.0	6.3	7.1
	Heating	A	-	-	-	-
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	1065x298x222	820x285x190	1065x298x222	1065x298x222
	Outdoor	mm	880X638X310	720X548X265	880X638X310	880X638X310
Net Weight	Indoor	kg	13	7.9	13	13
	Outdoor	kg	52	31	46	52
Shipping Weight	Indoor	kg	16	9.5	16	16
	Outdoor	kg	55.6	34	49.5	55.6
Loading Q'ty	W Pipe	20/40ft/Jumbo	61/130/150	96/200/224	61/130/150	61/130/150
	W/O Pipe	20/40ft/Jumbo	66/138/152	103/216/246	66/138/152	66/138/152
echnical Information						
SVC Valve	Liquid	ODxL	ø 6.35mm X 5m	ø 6.35mm X 5m	ø 6.35mm X 5m	ø 6.35mm X 5r
	Gas	ODxL	ø 15.88mm X 5m	ø 9.52mm X 5m	ø 12.7mm X 5m	ø 15.88mm X 5
Piping Length	STD	mm	5	5	5	5
	Max	mm	30	15	30	30
Piping Height	Max	mm	15	7	15	15
eatures						
MPI			•	•	•	•
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter			•	•	•	•
Pure & Clean Air	DNA Filter		-	-	-	
	Pure Filter (HAF Filter)		-	-	-	-
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus		-	-	-	-
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		-	-		-
Convenience	Auto Wind		-	-	-	-
Convenience	Air Flow Control Steps (Cool/Fan)		•	•	•	•
	Air Direction Control (Up/Down)		4/3	4/3	4/3	4/3
			AUTO	AUTO	AUTO	AUTO
	Air Direction Control (Laft/Pight)			MANUAL	MANUAL	
	Air Direction Control (Left/Right)		MANITAL		IVIPALVUJAJ	VAVVII IVI
	Auto Grille		MANUAL			MANUAL
	Auto Grille Remote Controller		•	•	•	•
Fia	Auto Grille Remote Controller Auto Clean (self cleaning)		•	•	•	•
Etc. Low Ambient	Auto Grille Remote Controller	°C	•	•	•	•

AQ09EWAN	AQ12EWAN	AQ09E(B)ANSER	AQ12E(B)ANSER	AQ18E(B)ANSER	AQ24E(B)ANSER	AQ09E*A*	AQ12E*A*
Eur	rope			CIS		М	EA
HP	HP	HP	HP	HP	HP	H/P	H/P
R410A	R410A	R22	R22	R22	R22	R22	R22
9,384	11,944	9,500	12,000	18,000	23,200	9,500	12,000
2,365	3,010	2,394	3,024	4,536	5,847	2,394	3,024
2.75	3.50	2.78	3.52	5.27	6.80	2.78	3.52
9,896	12,968	10,000	13,000	19,500	24,500	10,000	13,000
2,494	3,268	2,520	3,276	4,914	6,174	2,520	3,276
						2.93	
2.90	3.80	2.93	3.81	5.71	7.18		3.81
11.3	11.7	9.5	9.5	9.5	9.3	9.5	9.2
3.31	3.41	2.78	2.79	2.78	2.72	2.78	2.71
3.82	3.62	3.26	3.28	3.01	2.71	3.26	3.28
1.0	1.5	1.0	1.5	1.8	2.4	1.0	1.5
9	11	7.5	9.5	13.0	17.0	7.5	9.5
40/33	41/34	40/30	41/30	45/30	48/33	40/30	41/30
54	56	55	56	58	61	55	57
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/
830	1025	1000	1260	1900	2500	1,000	1300
760	1050	900	1160	1900	2650	900	1160
3.9	5.2	4.6	5.8	9.0	12.0	4.6	6.1
3.6	5.1	4.0	5.3	9.0	12.5	4.0	6
0.0	0.1	4.2	0.0	3.0	12.0	4.2	
820x285x190	890x285x190	820x285x190	820x285x190	890x285x189	1065x298x218	820x285x190	820x285x190
720x548x265	720x548x265	660x475x242	660x475x242	790x285x548	880*638*310	660x475x242	660x475x242
8.3	8.7	7.6	8.7	9.9	13	7.6	8.7
28.7	31.0	23	25	39	56	24	27
10.8	11.7	10.1	10.6	12.1	16	10.1	10.6
31.8	34.3	25.8	29	43	58	25.8	30
96/205/233	96/205/233	123/252/280	123/252/280	89/190/216	61/128/150	123/252/280	96/200/224
106/231/259	106/231/259	130/270/302	130/270/302	96/204/229	66/138/153	130/270/302	103/216/246
6.35	6.35	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5n
9.52	12.7	ø 9.52mmx5m	ø 12.7mmx5m	ø 12.7mmx5m	ø 15.8mmx5m	ø 9.52mmx5m	ø 12.7mmx5n
5	5	5	5	5	5	5	5
15	15	15	15	15	20	15	15
7	7	7	7	8	8	7	7
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•	•	•	•	•	•	•	•
4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
• •	• •	• IVIANOAL	• •	•	• WHIVOAL	• •	•
•	•		•	•	•	•	•
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24



MODEL NO.			AQ18E*A*	AQ24E*A*	AS09E*A*	AS12E*A*
AREA				M	IEA	
			H/P	H/P	C/O	C/O
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr. std	18,000	24,000	9,000	12,000
		min~max				
		Cal/hr. std	4,536	6,048	2,268	3,024
		min~max				
		kW std	5.27	7.03	2.64	3.52
		min~max				
	Heating	Btu/hr. std	20,000	24,500	-	-
		min~max				
		Cal/hr. std	5,040	6,174	*	-
		min~max	5.00	7.40		
		kW std	5.86	7.18	-	-
E E	0 "	min~max	0.5	0.0	0.0	0.4
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.6	9.2	9.1
	Lientine	EER(W/W)	2.78	2.81	2.69	2.67
Maintana Danasaal	Heating	COP(W/W)	3.09	2.71	-	-
Moisture Removal		₽/hr.	1.8	2.4	1.0	1.5
Air Circulation (Max)	Indoor High/Low	m³/min	13.0 45/30	17.0	7.5	9.5
Noise Level	Indoor High/Low	dB dB	45/30	48/33	42/30 55	44/30 57
lectrical Data	Outdoor High	UD	00	61	33	5/
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/
Power Consumption	Cooling	V/HZ/Ø W	1,900	2500	220~240/50/T 980	220~240/50/
rower consumption		W	1,900	2650	900	1320
Operating Current	Heating Cooling	A	9.0	12.0	4.6	6.1
Operating Ourient	Heating	A	9.0	12.5	4.0	0.1
Dimension & Loading Q'ty	ricaling	Δ	9.0	12.0		-
Net Dimension (WxHxD)	Indoor	mm	1065x298x218	1065x298x218	820x285x190	820x285x190
TACE DIFFICUSION (VVXI IXD)	Outdoor	mm	790x548x285	880*638*310	660x475x242	660x475x242
Net Weight	Indoor	kg	13	13	8.3	8.7
THOU PROIGHT	Outdoor	kg	39	56	24	27
Shipping Weight	Indoor	kg	16	16	10.2	10.6
Onipping Worgin	Outdoor	kg	43	58	27	30
Loading Q'ty	W Pipe	20/40ft/Jumbo	82/170/185	61/128/150	123/252/280	96/200/224
Locality Q ty	W/O Pipe	20/40ft/Jumbo	82/170/197	66/138/153	130/270/302	103/216/246
echnical Information			02/110/101	00/100/100	100/210/002	100/210/210
SVC Valve	Liquid	ODxL	6.35	6.35	ø 6.35mmx5m	ø 6.35mmx5r
	Gas	ODxL	12.7	15.8	ø 9.52mmx5m	ø 12.7mmx5r
Piping Length	STD	mm	5	5	5	5
. 0 0	Max	mm	15	20	15	15
Piping Height	Max	mm	7	8	7	7
eatures						
MPI			•	•	•	•
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter			•	•	•	•
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus					
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
Convenience	Auto Wind		•	•	•	
	Air Flow Control Steps (Cool/Fan		•	•	•	•
	Air Direction Control (Up/Down)		4/3	4/3	4/3	4/3
	Air Direction Control (Left/Right)		AUTO	AUTO	AUTO	AUTO
	Auto Grille		MANUAL	MANUAL	MANUAL	MANUAL
	Remote Controller		•	•	•	•
	Auto Clean (self cleaning)		•	•	•	•
Etc.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	15~43	15~43	15~43	15~43
	Heating	°C	-5~24	-5~24	-	-

AS18E*A*	AS24E*A*	AQ18E*AUMG	AQ24E*AUMG	AS18E*AUMG	AS24E*AUMG	AQ12EBAXAX	AQ18EBAXA
		MI	EΑ			Am	erica
C/O	C/O	H/P	H/P	C/O	C/O	HP	HP
R22	R22	R22	R22	R22	R22	R22	R22
18,000	24,000	18,000	24,000	18,000	24,000	12,000	18,000
10,000	24,000	10,000	24,000	10,000	24,000	12,000	10,000
4,536	6,048	4,536	6,048	4,536	6,048	3,024	4,536
5.27	7.03	5.27	7.03	5.27	7.03	3.52	5.27
0.21	7.00	0.21	1.00	0.27	1.00	0.02	0.21
-	-	20,000	24,000	-	-	13,000	19,500
-	-	5,040	6,048	-	-	3,276	4,914
-	-	5.86	7.03	-	-	3.81	5.71
9.0	9.2	9.5	9.2	9.5	8.7	10.0	10.0
2.64	2.71	2.78	2.71	2.78	2.56	2.93	2.93
-	-	3.09	2.43	-	-	3.28	3.09
1.8	2.4	1.8	2.4	1.8	2.4	1.5	1.8
13.0	17.0	13.0	17.0	13.0	17.0	9.5	13.0
45/30	48/33	45/30	48/33	45/30	48/33	41/30	45/30
58	61	58	61	58	61	56	58
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
2,000	2,600	1,900	2600	1,900	2750	1200	1800
-	-	1,900	2900	-	-	1160	1850
9.5	12.5	8.8	12.0	8.8	13.5	5.8	8.5
-	-	8.2	12.0	-	-	5.0	8.3
1065x298x218	1065x298x218	1065x298x218	1065x298x218	1065x298x218	1065x298x218	820x285x190	890x285x18
720x548x265	790x548x285	790x548x285	880*638*310	790x548x285	790x548x285	660x470x240	790x285x54
13	13	13	13	13	13	8.7	9.9
37	39	39	56	39	39	25	39
16	16	16	16	16	16	10.6	12.1
41	43	43	58	43	43	29	43
86/176/193	82/170/185	82/170/185	61/128/150	82/170/185	82/170/185	116/240/273	89/190/216
86/178/205	82/170/197	82/170/197	66/138/153	82/170/197	82/170/197	136/280/303	96/204/229
6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
12.7	15.8	12.7	15.8	12.7	15.8	12.7	12.7
5	5	5	5	5	5	5	5
15	20	15	20	15	20	15	15
7	8	7	8	7	8	7	8
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4/3	4/3	4/3	4/3	4/3	4/3	•	•
AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	•	•
MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	•	•
•	•	•	•	•	•	•	•
•	• DOTADY	• DOTADY	• DOTADI (• DOTADY	• DOTADIA	•	• DOTABN/
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
15~43	15~43	15	15	15~43	15~43	15	15~43
		F	F			E 04	E 0.4



MODEL NO.			AS12EBAXAX	AS18EBAXAX	AS24EBAXAX	AS09EBAXAF
AREA				Ame	rica	
			CO	00	00	CO
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr. std	12,000	18,000	24,000	9,300
		min~max	0.004	4.500	0.040	0.044
		Cal/hr. std	3,024	4,536	6,048	2,344
		min~max	0.50	F 07	7.00	0.70
		kW std	3.52	5.27	7.03	2.73
	Heating	min~max Btu/hr. std	-	-	-	
	i icalii ig	min~max	•	•	•	
		Cal/hr. std				
		min~max				
		kW std	-		-	-
		min~max				
Energy Efficiency	Cooling	EER(Btu/W)	10.0	10.0	10.0	10.2
Energy Emolency	Cooming	EER(W/W)	2.93	2.93	2.93	3.00
	Heating	COP(W/W)	-	-	-	-
Moisture Removal		Ø/hr.	1.5	1.8	2.4	1.0
Air Circulation (Max)		m³/min	9.5	13.0	17.0	7.5
Noise Level	Indoor High/Low	dB	35/26	45/30	48/33	40/30
	Outdoor High	dB	50	58	61	55
Electrical Data	5					
Power Source		V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W	1200	1800	2400	910
	Heating	W	-	-	-	-
Operating Current	Cooling	A	5.8	8.5	11.0	4.3
	Heating	A	-	=	-	=
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	820x285x190	890x285x190	1065x298x222	820x285x190
	Outdoor	mm	660x470x240	790x285x548	790x548x285	660x470x240
Net Weight	Indoor	kg	8.7	9.9	13	8
	Outdoor	kg	25	39	39	23.2
Shipping Weight	Indoor	kg	10.6	12.1	16	9.4
	Outdoor	kg	29	43	43	25.8
Loading Q'ty	W Pipe	20/40ft/Jumbo	116/240/273	89/190/216	82/170/185	116/240/273
	W/O Pipe	20/40ft/Jumbo	136/280/303	96/204/229	82/170/197	136/280/303
Technical Information						
SVC Valve	Liquid	ODxL	6.35	6.35	6.35	6.35
	Gas	ODxL	12.7	12.7	15.8	9.52
Piping Length	STD	mm	5	5	5	5
	Max	mm	15	15	20	15
Piping Height	Max	mm	7	8	8	7
Features						
MPI						
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter			•	•	•	•
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus					
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover					
Convenience	Auto Wind					
	Air Flow Control Steps (Cool/Fan)	•	•	•	•
	Air Direction Control (Up/Down)		•	•	•	•
	Air Direction Control (Left/Right)		•	•	•	•
	Auto Grille		•	•	•	•
	Remote Controller		•	•	•	•
	Auto Clean (self cleaning)		•	•	•	•
Etc.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	15	15~43	15~43	15
	Heating	°C				

AS12EBAXAP	AS18EBAXAP	AS24EBAXAP	AS10ELNXST	AS13ELNXST	AS18ELNXST	AS24EWMNXST	AS05ESMNXSE
AOTZEDAVAI	America	AOZTEDAVAI	ACTOLLIVACT	ACTOLLIVACT	SouthEast Asia	AOZ-IZWIWIO	AGGGEGINITAGE
	00	00	00	CO	CO	00	CO
R22	R22	R22	R22	R22	R22	R22	R22
12,000	18,000	24,000	9,292	12,810	18,000	22200	5000
3,024	4,536	6,048	2,342	3,228	4,536	5,595	1,260
3.52	5.27	7.03	2.72	3.75	5.27	6.51	1.47
	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10.0	10.0	10.0	11.56	11.48	11.25	11.56	15.63
2.93	2.93	2.93	3.39	3.36	3.30	3.39	4.58
- 1 F	- 1.0	- 0.4	- 10	- 1 F	-	-	-
1.5 9.5	1.8 13.0	2.4 17.0	1.0	1.5 11.0	2.0	2.5 15.0	0.8 6
	45/30	48/33			42/32	44/35	34/26
41/30 56	45/30	61	36/26 49	37/26 49	53	44/35 56	45
30	30	01	40	45	33	50	40
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	200~220/50/1
1200	1800	2400	804	1,116	1,600	1920 -	320
5.8	8.5	11.0	3.9	5.2	7.5	9.0	2.0
-	-	-	-	-	-	-	-
820x285x190	890x285x190	1065x298x222	820x285x190	890x285x190	1065x298x222	1065x298x222	820x285x190
660x470x240	790x285x548	790x548x285	660x470x240	660x470x240	880x648x310	880x798x310	660x470x240
8.7	9.9	13	8.2	9.2	13	13	8.2
25	39	39	22.5	25.1	49	49	22.5
10.6	12.1	16	9.6	11.2	16	16	9.6
29	43	43	24.5	27.1	53	53	24.5
116/240/273	89/190/216	82/170/185	-	-	-	-	-
136/280/303	96/204/229	82/170/197	123/253/285	129/165/299	61/130/145	61/130/145	123/253/285
6.35	6.35	6.35	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m
12.7	12.7	15.8	ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 15.9mmX5.0m	ø 9.52mmX5.0m
5	5	5	7.5	7.5	7.5	5	5
15	15	20	15	15	15	20	15
7	8	8	7	7	8	8	7
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•	•	•	4/3	4/3	4/3	4/3	4/3
•	•	•	AUTO	AUTO	AUTO	AUTO	AUTO
•	•	•	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
15	15~43	15~43	15~43	15~43	15~43	15~43	15~43



MODEL NO. AREA			AS07ESLNXEA	AS09ESMNXEA SouthEast Asia	AS12ESMNXEA
			CO	CO	00
Refrigerant Type			R22	R22	R22
Performance	0	Dt. A	7,000	0.000	40.000
Capacity	Cooling	Btu/hr. std min~max	7,000	8,900	12,000
		Cal/hr. std	1,764	2,268	3,024
		min~max	1,104	2,200	0,024
		kW std	2.05	2.64	3.52
		min~max			
	Heating	Btu/hr. std	-	-	-
		min~max			
		Cal/hr. std	-	-	-
		min~max			
		kW std	-	-	
		min~max			
Energy Efficiency	Cooling	EER(Btu/W)	13.21	13.28	12.37
		EER(W/W)	3.87	3.89	3.62
	Heating	COP(W/W)	-	-	- 4.5
Moisture Removal		Ø/hr.	0.8	1.0	1.5
Air Circulation (Max)	Indoor High/Low	m³/min dB	6 34/26	8.0 36/26	11.0
Noise Level	Indoor High/Low Outdoor High	dB	34/26 45	36/26 49	37/26 49
Electrical Data	Outuour riigit	ub	40	49	49
Power Source		V/Hz/ø	200~220/50/1	200~220/50/1	200~220/50/1
Power Consumption	Cooling	W	530	670	970
. 170 Octobrigation	Heating	W	-	-	-
Operating Current	Cooling	A	2.8	3.7	5.2
, J ********	Heating	A	-	-	-
Dimension & Loading Q'ty					
Net Dimension (WxHxD)	Indoor	mm	820x285x190	820x285x190	890x285x190
	Outdoor	mm	660x470x240	660x470x240	660x470x240
Net Weight	Indoor	kg	8.2	8.2	9.2
	Outdoor	kg	22.5	22.5	25.1
Shipping Weight	Indoor	kg	9.6	9.6	11.2
	Outdoor	kg	24.5	24.5	27.1
Loading Q'ty	W Pipe	20/40ft/Jumbo	-	-	-
	W/O Pipe	20/40ft/Jumbo	123/253/285	123/253/285	129/165/299
Technical Information	11. 11	00.1	0.05	0.05	
SVC Valve	Liquid	ODxL	Ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m
Dining Longth	Gas	ODxL	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 12.7mmX5.0m
Piping Length	STD Max	mm mm	5	5	7.5
Piping Height	Max	mm	15 	15 7	15 7
Features	TAICIV	11111	1	I	
MPI					
Good Sleep II			•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•
	Silver Coated Evaporator		•	•	•
Anti Virus Filter			•	•	•
Pure & Clean Air	DNA Filter		•	•	•
	Pure Filter (HAF Filter)				
	Catechin Filter		•	•	•
	Deodorizing Filter		•	•	•
Operating Mode	Digital i Plus				
	Dehumidification		•	•	•
	Turbo Mode		•	•	•
	Timer		•	•	•
	Energy Saving Mode		•	•	•
	Auto Restart		•	•	•
Comunicano	Auto Changeover				
Convenience	Auto Wind Air Flow Control Steps (Cool/Fan)		•	•	•
			4/3	4/3	4/3
	Air Direction Control (Up/Down) Air Direction Control (Left/Right)		AUTO	AUTO	AUTO
	Auto Grille		MANUAL	MANUAL	MANUAL
	Remote Controller		WANUAL •	WANUAL •	IVIANUAL
	Auto Clean (self cleaning)		•	•	•
Etc.	Compressor Type		ROTARY	ROTARY	ROTARY
	Cooling	°C	15~43	15~43	15~43
Low Ambient					

AS09EUMNXEA	AS12EUMNXEA	AS18EUMNXEA	AS24EUMNXEA
	South	nEast Asia	
00	00	CO	CO
R22	R22	R22	R22
0.000	40.000	40,000	04,000
9,000	12,000	18,000	24,000
2,268	3,024	4,536	6,048
2.64	3.52	5.27	7.03
*	-		*
-	-		-
-	-	-	-
	10.10		
10.84	10.43	9.38 2.75	10.21 2.99
3.18	3.06	-	2.99
1.0	1.5	2.0	2.5
8.0	10.0	14.0	15.0
36/26	37/26	42/32	44/35
49	49	53	56
000 040/50/4	000 040/50/4	000 040/50/4	000 040/50/4
220~240/50/1 830	220~240/50/1 1,150	220~240/50/1 1,920	220~240/50/1 2,350
-	-	-	-
4.0	5.4	9.0	10.7
-	-	÷	-

820x285x190	820x285x190	890x285x190	1065x298x222
660x470x240 8.2	660x470x240 8.9	720x548x265 9.2	790x548x285 13
21.7	24.9	36	43
9.6	10.3	11.2	16
23.7	26.9	38	45
-	-	-	-
123/253/285	123/253/285	92/190/211	73/153/176
ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m
ø 9.52mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 15.9mmX5.0m
5	5	5	5
15	15	15	20
7	7	8	8
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4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO
MANUAL	MANUAL	MANUAL	MANUAL
•	IVIMI NOME •	•	•
•	•	•	•
ROTARY	ROTARY	ROTARY	ROTARY
15~43	15~43	15~43	15~43



Refrigerant Type Performance Capacity Cooling Heating Heating Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Operating Current Outdoor Net Weight Net Dimension (MxHxD) Net Dimension (MxHxD) Indoor Net Weight Indoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height STD Max Features MPI Good Sleep II Silver Coated Filter Pure & Clean Air DNA Filter Pure Titer (HAF Filter) Catechin Filter Decodorizing Filter		AQV09UGAN	AQV12UGAN	AQV18UGAN	AQV24UGA
Performance Capacity Cooling Capacity Cooling Heating Heating Heating Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Net Weight Indoor Outdoor Net Weight Indoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height STD Max Piping Height STD Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Health System Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure & Clean Air DNA Filter Pure Burden DNA Filter Pure Will Plus Dehumidification Turbo Mode Timer Pure Sariart Auto Changeover Convenience Auto Wind Air Direction Control (Up. Air Direction Control (Up. Air Direction Control (Up. Air Direction Control (Up. Air Direction Control (Lef. Auto Grille Remote Controller			Eur	оре	
Performance Capacity Cooling Heating Heating Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Net Weight Indoor Outdoor Net Weight Indoor Shipping Weight Indoor Couldoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height STD Max Piping Height STD Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Health System Silver Coated Filter Decodorizing Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Decodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Air Direction Control (Up. Air Direction Control (Up. Air Direction Control (Up. Air Direction Control (Lef. Auto Grille Remote Controller		S-Inverter	S-Inverter	S-Inverter	S-Inverter
Energy Efficiency Energy Efficiency Energy Efficiency Cooling Heating Moisture Removal Air Circulation (Max) Noise Level Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height STD Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Direction Control (Ipe Auto Grille Remote Controller		R410A	R410A	R410A	R410A
Energy Efficiency Cooling Heating Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Operating Current Power Source Power Consumption Operating Current Outdoor Net Weight Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Iquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Direction Control (Ipe Auto Crinle Pure Control Steps (G Air Direction Control (Ipe Auto Grille Remote Controller	Btu/hr. std	8,530	11,260	17,061	23,203
Energy Efficiency Energy Efficiency Cooling Heating Moisture Removal Air Circulation (Max) Noise Level Outdoor High Electrical Data Power Source Power Consumption Operating Current Cooling Heating Operating Current Cooling Heating Dimension & Loading O'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading O'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Piping Height Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Decodorizing Filter Decodorizing Filter Operating Mode Timer Energy Saving Mode Auto Changeover Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller	min~max	3,378~10,919	3,753~12,966	5,459~20,473	7,507~27,297
Energy Efficiency Energy Efficiency Cooling Heating Moisture Removal Air Circulation (Max) Noise Level Outdoor High Electrical Data Power Source Power Consumption Operating Current Cooling Heating Operating Current Cooling Heating Dimension & Loading O'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading O'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Piping Height Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Decodorizing Filter Decodorizing Filter Operating Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller	Cal/hr. std	2,150	2,837	4,299	5,847
Energy Efficiency Energy Efficiency Cooling Heating Moisture Removal Air Circulation (Max) Noise Level Outdoor High Electrical Data Power Source Power Consumption Operating Current Cooling Heating Operating Current Cooling Heating Dimension & Loading O'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading O'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Piping Height Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Decodorizing Filter Decodorizing Filter Operating Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller	min~max	851~2,752	946~3,267	1,376~5,159	1,892~6,879
Energy Efficiency Cooling Heating Moisture Removal Air Circulation (Max) Noise Level Outdoor High Electrical Data Power Source Power Consumption Operating Current Net Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Piping Height Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Deodorizing Filter Operating Mode Timer Energy Saving Mode Auto Changeover Auto Changeover Convenience Auto Grille Remote Controller	kW std	2.5	3.3	5.0	
Energy Efficiency Cooling Heating Moisture Removal Air Circulation (Max) Noise Level Outdoor High/Low Outdoor High Electrical Data Power Source Power Consumption Operating Current Power Make Indoor Outdoor Net Dimension (WxHxD) Indoor Net Weight Indoor Outdoor Net Weight Indoor Outdoor Loading O'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Silver Coated Health System Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Direction Control Steps (C Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	min~max	0.99~3.2		1.6~6.0	6.8 2.2~8.0
Energy Efficiency Cooling Heating Moisture Removal Air Circulation (Max) Noise Level Outdoor High/Low Outdoor High Electrical Data Power Source Power Consumption Operating Current Power Make Indoor Outdoor Net Dimension (WxHxD) Indoor Net Weight Indoor Outdoor Net Weight Indoor Outdoor Loading O'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Silver Coated Health System Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Direction Control Steps (C Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller					
Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Coutdoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air Direction Filter Pure Filter (HAF Filter) Catechin Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	Btu/hr. std	11,260	13,649	20,473	27,297
Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Coutdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	min~max	4,095~14,331	4,777~16,037	4,095~25,591	6,483~32,415
Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Coutdoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air Direction Filter Pure Filter (HAF Filter) Catechin Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	Cal/hr. std	2,837	3,439	5,159	6,879
Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Coutdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	min~max	1,032~3,611	1,204~4,041	1,032~6,449	1,634~8,169
Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Coutdoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air Direction Filter Pure Filter (HAF Filter) Catechin Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	kW std	3.3	4.0	6.0	8.0
Moisture Removal Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Coutdoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air Direction Filter Pure Filter (HAF Filter) Catechin Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	min~max	1.2~4.2	1.4~4.7	1.2~7.5	1.9~9.5
Moisture Removal Air Circulation (Max) Noise Level Indoor High*Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WXHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air DNA Filter Pure & Clean Air DNA Filter Operating Mode Digital i Plus Dehumiclification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	EER(Btu/W)	11.6	11.0	11.6	10.3
Moisture Removal Air Circulation (Max) Noise Level Indoor High*Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WXHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air DNA Filter Pure & Clean Air DNA Filter Operating Mode Digital i Plus Dehumiclification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	EER(W/W)	3.40	3.21	3.40	3.01
Air Circulation (Max) Noise Level Indoor High/Low Outdoor High Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Coutdoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Lef Auto Grille Remote Controller	COP(W/W)	3.63	3.61	3.61	2.81
Noise Level Indoor High/Low Outdoor High Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Oimension & Loading Q'ty Net Dimension (WXHxD) Indoor Net Weight Indoor Outdoor Net Weight Indoor Coutdoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air Direction Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	Ø/hr.	1.0	1.4	2.5	3.0
Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Operating Current Cooling Heating Omension & Loading Q'ty Net Dimension (WxHxD) Indoor Net Weight Indoor Outdoor Shipping Weight Indoor Coutdoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Piping Height Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Direction Control Steps ((Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	m³/min	8.0	9.0	13.0	15.0
Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Oimension & Loading Q'ty Net Dimension (WxHxD) Indoor Net Weight Indoor Outdoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Silver Coated Health System Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Grille Remote Controller	dB	32/23	36/23	40/30	41/30
Electrical Data Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Oimension & Loading Q'ty Net Dimension (WXHXD) Indoor Net Weight Indoor Outdoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Features MPI Good Sleep II Silver Coated Filter Pure & Clean Air DNA Filter Pure & Clean Air DNA Filter Operating Mode Digital i Plus Dehumiciffication Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Lef Auto Grille Remote Controller	dB	45	47	53	55
Power Source Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WXHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumiclification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller					
Power Consumption Cooling Heating Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading Q'ty W Pipe W/O Pipe Fechnical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height STD Piping Height Max Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Lef Auto Grille Remote Controller	V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/
Operating Current Cooling Heating Dimension & Loading Q'ty Net Dimension (WXHXD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Vaive Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumicification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	W	735	1028	1470	2260
Operating Current Cooling Heating	W	910	1108	2660	2850
Dimension & Loading Q'ty Net Dimension (WxHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	A	3.5	4.9	6.8	10.6
Dimension & Loading Q'ty Net Dimension (WxHxD) Net Weight Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Silver Coated Filter Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Aut Wind Air Flow Control Steps (G Air Direction Control (Lef Auto Grille Remote Controller	A	4.4			
Net Dimension (WXHxD) Indoor Outdoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading O'ty W Pipe W/O Pipe Technical Information SVC Vaive Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Riter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	A	4.4	5.2	7.7	13.0
Net Weight Indoor Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading O'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Pip					
Net Weight Indoor Outdoor Shipping Weight Indoor Outdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Up. Auto Grille Remote Controller	mm	820x285x190	820x285x190	1065x298x222	1065x298x22
Outdoor Shipping Weight Indoor Outdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	mm	720x548x265	720x548x265	880x638x310	880x638x310
Shipping Weight Indoor Outdoor Loading O'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Pure & Clean Air DNA Filter Pure & Clean Air DNA Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (G Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	kg	8.2	8.2	13	13
Outdoor Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller	kg	31.5	31.5	47	51
Loading Q'ty W Pipe W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up Air Direction Control (Lef Auto Grille Remote Controller	kg	10	10	16	16
W/O Pipe Technical Information SVC Valve Liquid Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Air Direction Control (Up. Auto Grille Remote Controller	kg	33.0	33.0	50	53
Technical Information SVC Valve Gas Piping Length STD Max Piping Height Max Piping Height Max Piping Height Max Piping Height Good Sleep II Silver Coated Health System Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller	20/40ft/Jumbo	96/200/224	96/200/224	61/130/150	61/130/150
SVC Valve Cliquid Gas Piping Length Max Piping Height Max Features MPI Good Sleep II Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller	20/40ft/Jumbo	103/216/246	103/216/246	66/138/152	66/138/152
Piping Length Anax Piping Height Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller					
Gas Piping Length STD Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Air Direction Control Steps (6 Air Direction Control (Up. Air Direction Control (Lef. Auto Grille Remote Controller	ODxL	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx7.5m	ø 6.35mmx5n
Piping Length STD Max Piping Height Max Piping Height Max Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Ritter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Lef Auto Grille Remote Controller	ODxL	ø 9.52mmx5m	ø 9.52mmx5m	ø 12.7mmx7.5m	ø 15.88mmx5r
Piping Height Max Preatures MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Auto Grille Auto Grille Remote Controller	mm	5	5	7.5	5
Piping Height Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Auto Grille Remote Controller	mm	15	15	30	30
Features MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Auto Grille Remote Controller	mm	8	8	15	15
MPI Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Air Direction Control (Lef. Auto Grille Remote Controller	111111	0	0	10	10
Good Sleep II Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Lef Auto Grille Remote Controller					
Silver Coated Health System Silver Coated Filter Silver Coated Evaporator Anti Virus Filter Pure & Clean Air DNA Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Deodorizing Filter Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Lef Auto Grille Remote Controller		•		•	•
Anti Virus Filter Pure & Clean Air DNA Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Deodorizing Filter Deodorizing Filter Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Auto Grille Auto Grille Remote Controller			•		
Anti Virus Filter Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Deodorizing Filter Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller		•	•	•	•
Pure & Clean Air DNA Filter Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller	or	•	•	•	•
Pure Filter (HAF Filter) Catechin Filter Deodorizing Filter Deodorizing Filter Deparating Mode Digital i Plus Dehumidiffication Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Up. Auto Grille Auto Grille Remote Controller					
Catechin Filter Deodorizing Filter Deodorizing Filter Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller					
Deodorizing Filter Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Offille Auto Grille Remote Controller					
Operating Mode Digital i Plus Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller					
Dehumidification Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (6 Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller					
Turbo Mode Timer Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Lef Auto Grille Remote Controller					
Timer Energy Saving Mode Auto Restart Auto Changeover Auto Wind Air Flow Control Steps (C Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller		•	•	•	•
Timer Energy Saving Mode Auto Restart Auto Changeover Auto Wind Air Flow Control Steps (C Air Direction Control (Up, Air Direction Control (Lef Auto Grille Remote Controller		•	•	•	•
Energy Saving Mode Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller		•	•		•
Auto Restart Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller		•	•	•	•
Auto Changeover Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller		•	•	•	
Convenience Auto Wind Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller		•	•	•	•
Air Flow Control Steps (C Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller		·	•	•	•
Air Direction Control (Up. Air Direction Control (Lef Auto Grille Remote Controller	(Cool/Eon)				
Air Direction Control (Lef Auto Grille Remote Controller		•	•	•	•
Auto Grille Remote Controller		4/3	4/3	4/3	4/3
Remote Controller	ett/Hight)	AUTO	AUTO	AUTO	AUTO
		MANUAL	MANUAL	MANUAL	MANUAL
Auto Clean (self cleaning		•	•	•	•
Auto Oloan (3011 Gleat III Ig	ng)				
Etc. Compressor Type		ROTARY	ROTARY	TWIN	TWIN
Low Ambient Cooling	°C	10~43	10~43	-10~43	-10~43
Heating	°C	-10~24	-10~24	-15~24	-15~24

AQ09RGAN	AQ09UGBN	AQ12UGAN	AQ12UGBN	AQ18UGAN	AQ24UGAN	AQ09RGANEUR	AQ12UGANEU
			Eur	ope			
HP	HP	HP	HP	HP	HP	HP	HP
R410A	R410A	R410A	R410A	R410A	R410A	R22	R22
9,043	9,384	11,944	11,944	17,745	23,205	9,000	12,000
5,040	3,004	11,544	11,544	17,140	20,200	9,000	12,000
2,279	2,365	3,010	3,010	4,472	5,848	2,268	3,024
2.65	2.75	3.50	3.50	5.20	6.80	2.64	3.52
9,384	9,896	12,968	12,968	19,793	23,888	9,500	13,000
2,365	2,494	3,268	3,268	4,988	6,020	2,394	3,276
2.75	2.90	3.80	3.80	5.80	7.00	2.78	3.81
40.0	44.0	0.0	44.0	0.0	0.0	0.0	0.5
10.3	11.0	9.6	11.0	9.6	9.6	9.0	9.5
3.01	3.22	2.82	3.21	2.81	2.81	2.65	2.79
3.21	3.61	3.22	3.61	3.22	2.81	2.99	3.28
1.0	1.0	1.5	1.5	1.8	2.4	1.0	1.5
7.0	7.5	9.5	9.5	13.0	17.0	7.0	9.5
32/24	32/24	36/26	36/26	45/30	48/33	32/24	35/26
46	46	47	47	58	61	46	50
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
880	855	1240	1090	1850	2420	995	1260
857	803	1180	1053	1800	2490	930	1160
4.2	4.1	5.4	5.4	8.3	10.8	4.6	5.8
3.9	3.7	5.1	5.1	8.1	11.2	4.2	5.3
728x255x185	820x285x190	820x285x190	820x285x190	1065x298x222	1065x298x222	728x255x185	825x285x189
660x475x242	660x475x242	720x548x265	720x548x265	790x548x285	880x638x310	660x475x242	660x470x240
6.8	8.7	8.7	8.7	13	13	6.8	8.4
26	26	37	37	39	56	26	26
8.3	10.1	10.1	10.1	16	16	8.3	10.6
30	30	41	41	43	58	30	30
128/276/304 142/299/336	120/248/280 128/264/305	96/205/233 106/231/259	96/205/233 106/231/259	82/170/185 82/170/197	61/128/150 66/138/153	128/276/304 142/299/336	116/240/273 136/280/303
142/233/000	120/204/000	100/201/203	100/201/200	02/170/101	00/100/100	142/233/000	100/200/000
6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
9.52	9.52	12.7	12.7	12.7	15.8	9.52	12.7
5	5	5	5	5	5	5	5
15	15	15	15	15	20	15	15
7	7	7	7	8	8	7	7
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
4/0	4/0	4/0	4/0	4/0	4/0	4/0	4/0
4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
MANUAL •	MANUAL •	MANUAL •	MANUAL •	MANUAL •	MANUAL •	MANUAL •	MANUAL
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43



MODEL NO.			AQ18UGANEUR	AQ24UGANEUR	AQ07R(C)MNSER	AQ09R(C)LNSER	AQ12U(C)ANSER
AREA			Euro	pe		CIS	
			HP	HP	HP	HP	HP
Refrigerant Type			R22	R22	R22	R22	R22
Performance	0	Btu/hr. std	10.000	00.000	7.500	0.000	40,000
Capacity	Cooling	Btu/nr. sta min~m	18,000	23,200	7,500	9,000	12,000
		Cal/hr. std	4,536	5,847			3,024
		min~m					
		kW std	5.27	6.80			3.52
		min~m					
	Heating	Btu/hr. std	19,500	24,500	7,500	9,500	13,000
		min~m Cal/hr. std		6,174			0.070
		min~m	4,914	0,174			3,276
		kW std	5.71	7.18			3.81
		min~m		1110			0.01
Energy Efficiency	Cooling	EER(Btu/W)	9.5	9.3			9.5
		EER(W/W)	2.78	2.72	2.82	2.69	2.79
	Heating	COP(W/W)	3.01	2.71	2.85	3.00	3.28
Moisture Removal		ℚ/hr.	1.8	2.4	0.8	1.0	1.5
Air Circulation (Max)	1 1 12 1 0	m³/min	13.0	17.0	6.0	8.0	9.5
Noise Level	Indoor High/Low	dB dB	45/30	48/33	34/26 47	36/26 49	35/26
Electrical Data	Outdoor High	QB	58	61	47	49	50
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1900	2500	680	980	1260
	Heating	W	1900	2650	650	928	1160
Operating Current	Cooling	A	9.0	12.0	3.0	4.6	5.8
	Heating	A	9.0	12.5	2.8	4.2	5.3
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	890x285x189	1065x298x218	728x255x170	728x255x185	825x285x189
	Outdoor	mm	790x285x548	880*638*310	660x470x240	660x470x240	660x470x240
Net Weight	Indoor	kg	9.9	13	6.5	6.8	8.4
Chinning Woight	Outdoor Indoor	kg	39 12.1	56 16	21.6 7.5	24.5 7.8	26 10.6
Shipping Weight	Outdoor	kg kg	43	58	23.6	26.5	30
Loading Q'ty	W Pipe	20/40ft/Jumbo	89/190/216	61/128/150	134/281/315	134/281/315	116/240/273
Louising Q ty	W/O Pipe	20/40ft/Jumbo	96/204/229	66/138/153	152/314/348	152/314/348	136/280/303
Technical Information							
SVC Valve	Liquid	ODxL	6.35	6.35	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmx5m
	Gas	ODxL	12.7	15.8	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 12.7mmx5m
Piping Length	STD	mm	5	5	5	5	5
Dining Height	Max	mm	15	20	15	15	15
Piping Height Features	Max	mm	8	8	7	7	7
MPI							
Good Sleep II			•	•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•
	Silver Coated Evaporator		•	•	•	•	•
Anti Virus Filter							
Pure & Clean Air	DNA Filter						
	Pure Filter (HAF Filter)						
	Catechin Filter Deodorizing Filter						
Operating Mode	Digital i Plus						
Operating Mode	Dehumidification			•	•	•	•
	Turbo Mode		•	•	•	•	•
	Timer		•	•	•	•	•
	Energy Saving Mode		•	•	•	•	•
	Auto Restart		•	•	•	•	•
	Auto Changeover		•	•	•	•	•
Convenience	Auto Wind						
	Air Flow Control Steps (Cool/Fan)		4/0	4.0	•	4/0	4/0
	Air Direction Control (Up/Down)		4/3	4/3	4/3	4/3	4/3 ALITO
	Air Direction Control (Left/Right) Auto Grille		AUTO MANUAL	AUTO MANUAL	AUTO MANUAL	AUTO MANUAL	AUTO MANUAL
	Remote Controller		MANUAL •	MANUAL •	MANUAL °,	MANUAL	MANUAL •
	Auto Clean (self cleaning)		·	•	,	•	•
			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Etc.	Compressor Type		NUIANI				
Etc. Low Ambient	Compressor Type Cooling	°C	15~43	15~43	15~43	15~43	15~43

Q18U(C)ANSER	AQ24U(C)ANSER	AQ09U*A*	AQ12U*A*	AQ18U*A*	AQ24U*A*	AS09U*A*	AS12U*A*
CI	IS			MI	ΞA		
HP	HP	HP	HP	HP	HP	CO	CO
R22	R22	R22	R22	R22	R22	R22	R22
18,000	23,200	9,500	12,000	18,000	23,200	9,000	12,000
4.500	E 0.47	0.004	0.004	4.500	E 0.47	0.000	0.004
4,536	5,847	2,394	3,024	4,536	5,847	2,268	3,024
5.27	6.80	2.78	3.52	5.27	6.80	2.64	3.52
19,500	24,500	10,000	13,000	20,000	24,500	-	-
4,914	6,174	2,520	3,276	5,040	6,174	-	-
5.71	7.18	2.93	3.81	5.86	7.18	-	-
9.5	9.3	9.5	9.2	9.5	9.3	9.2	9.1
2.78	2.72	2.78	2.71	2.78	2.72	2.69	2.67
3.01	2.71	3.26	3.28	3.09	2.71	÷	-
1.8	2.4	1.0	1.5	1.8	2.4	1.0	1.5
13.0	17.0	7.5	9.5	13.0	17.0	7.5	9.5
45/30	48/33	40/30	41/30	45/30	48/33	42/30	44/30
58	61	55	57	58	61	55	57
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/
1900	2500	1,000	1300	1,900	2500	980	1320
1900	2650	900	1160	1,900	2650	-	1020
9.0	12.0 12.5	4.6	6.1 5.5	9.0	12.0 12.5	4.6	6.1
9.0	12.0	4.2	5.5	9.0	12.0	-	-
890x285x189	1065x298x218	820x285x190	820x285x190	1065x298x218	1065x298x218	820x285x190	820x285x190
790x285x548	880*638*310	660x475x242	660x475x242	790x548x285	880*638*310	660x475x242	660x475x242
9.9	13	7.6	8.7	13	13	8.3	8.7
39	56	24	27	39	56	24	27
12.1	16	10.1	10.6	16	16	10.2	10.6
43	58	25.8	30	43	58	27	30
89/190/216	61/128/150	123/252/280	96/200/224	82/170/185	61/128/150	123/252/280	96/200/224
96/204/229	66/138/153	130/270/302	103/216/246	82/170/197	66/138/153	130/270/302	103/216/246
ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	6.35	6.35	ø 6.35mmx5m	ø 6.35mmx5n
ø 12.7mmx5m	ø 15.8mmx5m	ø 9.52mmx5m	ø 12.7mmx5m	12.7	15.8	ø 9.52mmx5m	ø 12.7mmx5n
5	5	5	5	5	5	5	5
15	20	15	15	15	20	15	15
8	8	7	7	7	8	7	7
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
MANUAL •	MANUAL •	MANUAL •	MANUAL •	MANUAL •	MANUAL •	MANUAL	MANUAL
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24	-5~24



MODEL NO.				AS18U*A*	AS24U*A*	AQ12U*AUMG	AQ18U*AUMG	AQ24U*AUMG
AREA						MEA		
				CO	CO	HP	HP	HP
Refrigerant Type Performance				R22	R22	R22	R22	R22
Capacity	Cooling	Btu/hr.	std min~max	18,000	24,000	12,000	18,000	24,000
		Cal/hr.		4,536	6,048	3,024	4,536	6,048
		kW	std min~max	5.27	7.03	3.52	5.27	7.03
	Heating	Btu/hr.	std	-	-	13,000	20,000	24,000
		Cal/hr.		-	-	3,276	5,040	6,048
		kW	min~max std min~max	-	-	3.81	5.86	7.03
Energy Efficiency	Cooling	EER(Bt		9.0	9.2	7.5	9.5	9.2
Energy Emolericy	300mig	EER(W		2.64	2.71	2.20	2.78	2.71
	Heating	COP(W		-	-	2.72	3.09	2.43
Moisture Removal	3	Ø/hr.	,	1.8	2.4	1.5	1.8	2.4
Air Circulation (Max)		m³/min		13.0	17.0	9.5	13.0	17.0
Noise Level	Indoor High/Low	dB		45/30	48/33	44/30	45/30	48/33
.10100 20101	Outdoor High	dB		58	61	57	58	61
Electrical Data	Outdoor High	UD			01	31	90	UI
		\//I -/-		000 040/50/4	000 040/50/4	000/00/4	000/00/4	000/00/4
Power Source	Cooling	V/Hz/ø		220~240/50/1	220~240/50/1	220/60/1	220/60/1	220/60/1
Power Consumption	Cooling	W		2,000	2,600	1600	1,900	2600
	Heating	W		-	-	1400	1,900	2900
Operating Current	Cooling	Α		9.5	12.5	6.4	8.8	12.0
	Heating	Α		-	-	5.6	8.2	12.0
Dimension & Loading Q'ty								
Net Dimension (WxHxD)	Indoor	mm		1065x298x218	1065x298x218	820x285x190	1065x298x218	1065x298x218
	Outdoor	mm		720x548x265	790x548x285	660x500x242	790x548x285	880*638*310
Net Weight	Indoor	kg		13	13	8.7	13	13
	Outdoor	kg		37	39	27	39	56
Shipping Weight	Indoor	kg		16	16	10.6	16	16
- 111 3 - 3	Outdoor	kg		41	43	29	43	58
Loading Q'ty	W Pipe		:/Jumbo	86/176/193	82/170/185	96/200/224	82/170/185	61/128/150
Loading Q ty	W/O Pipe		/Jumbo	86/178/205	82/170/197	103/216/246		
Technical Information	W/O Fipe	20/4010	Juliloo	00/1/0/200	02/170/197	103/210/240	82/170/197	66/138/153
	Limited	00:1		0.05	0.05	- 0.05	0.05	0.05
SVC Valve	Liquid	ODxL		6.35	6.35	ø 6.35mmx5m	6.35	6.35
	Gas	ODxL		12.7	15.8	ø 12.7mmx5m	12.7	15.8
Piping Length	STD	mm		5	5	5	5	5
	Max	mm		15	20	15	15	20
Piping Height	Max	mm		7	8	7	7	8
Features								
MPI								
Good Sleep II				•	•	•	•	•
Silver Coated Health System	Silver Coated Filter			•	•	•	•	•
	Silver Coated Evaporator			•	•	•	•	•
Anti Virus Filter	·							
Pure & Clean Air	DNA Filter							
	Pure Filter (HAF Filter)							
	Catechin Filter							
	Deodorizing Filter							
Operation Made								
Operating Mode	Digital i Plus							
	Dehumidification			•	•	•	•	•
	Turbo Mode			•	•	•	•	•
	Timer			•	•	•	•	•
	Energy Saving Mode			•	•	•	•	•
	Auto Restart			•	•	•	•	•
	Auto Changeover			•	•	•	•	•
Convenience	Auto Wind							
	Air Flow Control Steps (Cool/Fan)		•	•	•	•	•
	Air Direction Control (Up/Down)			4/3	4/3	4/3	4/3	4/3
				AUTO	AUTO	AUTO	AUTO	AUTO
					MANUAL	MANUAL	MANUAL	MANUAL
	Air Direction Control (Left/Right)			ΙΔΙ ΙΙΔΙΜ		IVIOUNU//L		IVAIVUAL
	Air Direction Control (Left/Right) Auto Grille			MANUAL				
	Air Direction Control (Left/Right) Auto Grille Remote Controller			MANUAL •	IVIANUAL •	•	•	•
	Air Direction Control (Left/Right) Auto Grille Remote Controller Auto Clean (self cleaning)			•	•	•	•	•
Etc.	Air Direction Control (Left/Right) Auto Grille Remote Controller Auto Clean (self cleaning) Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Etc. Low Ambient	Air Direction Control (Left/Right) Auto Grille Remote Controller Auto Clean (self cleaning)	°C °C		•	•	•	•	•

AS12U*AUMG	AS18U*AUMG	AS24U*AUMG	AQ12UABXAX	AQ12UBAXAX	AQ12UBFXAX	AQ18UBAXAX	AQ24UBAXAX	AS09RABXAX
	MEA				AME			
CO	CO	00	HP	HP	HP	HP	HP	CO
R22	R22	R22	R22	R22	R22	R22	R22	R22
nzz	nzz_	nzz	nzz	nzz_	nzz_	NZZ	nzz	nzz_
12,000	18,000	24,000	12,000	12,000	12,000	18,000	24,000	9,000
3,024	4,536	6,048		3,024		4,536	6,048	2,268
3.52	5.27	7.03		3.52		5.27	7.03	2.64
-	-	-		13,000		19,500	24,500	-
-	-	-		3,276		4,914	6,174	-
-	-	-		3.81		5.71	7.18	-
9.2	9.5	8.7	9.2	10.0	11.5	10.0	10.3	9.7
2.71	2.78	2.56	VIL.	2.93	1110	2.93	3.01	0.1
-	-	-		3.28		3.09	10.25	-
1.5	1.8	2.4		1.5		1.8	2.4	
9.5	13.0	17.0		9.5		13.0	17.0	
44/30	45/30	48/33		35/26		45/30	48/33	
57	58	61		50		58	61	
		- 31					- 51	
220/60/1	220/60/1	220/60/1	110/60/1	220/60/1	220/60/1	220/60/1	220/60/1	110/60/1
1300	1,900	2750		1200		1800	2340	
-	-	-		1160		1850	2390	
6.2	8.8	13.5		5.8		8.5	10.5	
-	-	-		5.0		8.3	10.6	
				0.0		0.0	10.0	
820x285x190	1065x298x218	1065x298x218	820x285x190	825x285x189	820x285x190	890x285x189	1065x298x218	820x285x190
660x475x242	790x548x285	790x548x285	660x475x242	660x470x240	660x475x242	790x285x548	880*638*310	660x475x242
8.7 27	13 39	13 39	8.7	8.4	8.7 32	9.9	13 56	8.7
	16	16		26 10.6	10.1	12.1	16	
10.6			10.1					10.1
30	43	43	36	30	36	43	58	36
96/200/224	82/170/185	82/170/185	123/252/280	116/240/273	123/252/280	89/190/216	61/128/150	123/252/280
103/216/246	82/170/197	82/170/197	130/270/302	136/280/303	130/270/302	96/204/229	66/138/153	130/270/302
ø 6.35mmx5m	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
ø 12.7mmx5m	12.7	15.8	12.7	12.7	12.7	12.7	15.8	12.7
5	5	5	5	5	5	5	5	5
15 7	15 7	20 8	15 7	15 7	15 7	15 8	20 8	15 7
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			•	•	•	•	•	•
4/3	4/3	4/3		•	•	•		•
AUTO	AUTO	AUTO	•				•	
MANUAL	MANUAL	MANUAL	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
15~43	15~43	15~43	15	15	15	15	15	15
-5~24	-5~24	-5~24	0	0	0	0	0	
U 2T								



MODEL NO.			AS12UBAXAX	AS12UBFXAX	AS12UABXAX	AS18UBAXA
AREA				AME	RICA	
			CO	CO	CO	CO
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr. std	12,000	12,000	12,000	18,000
		min~max				
		Cal/hr. std	3,024	3,024	3,024	4,536
		min~max kW std	0.50	0.50	0.50	F 07
		kW std min~max	3.52	3.52	3.52	5.27
	Heating	Btu/hr. std	-		-	
	ricating	min~max				
		Cal/hr. std				
		min~max				
		kW std	-			-
		min~max				
Energy Efficiency	Cooling	EER(Btu/W)	9.5	11.5	10.4	9.5
		EER(W/W)	2.79		3.06	2.78
	Heating	COP(W/W)	-		-	-
Moisture Removal		Ø/hr.	1.5		1.5	1.8
Air Circulation (Max)		m³/min	9.5		9.5	13.0
Noise Level	Indoor High/Low	dB	35/26		35/26	45/30
	Outdoor High	dB	50		50	58
lectrical Data						
Power Source		V/Hz/ø	220/60/1	220/60/1	110/60/1	220/60/1
Power Consumption	Cooling	W	1260		1150	1900
	Heating	W	-		-	-
Operating Current	Cooling	A	5.8		10.3	8.5
	Heating	A	-		-	-
imension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825x285x189	820x285x190	825x285x189	890x285x190
	Outdoor	mm	660x470x240	660x475x242	720x548x265	720x265x548
Net Weight	Indoor	kg	8.4	8.7	8.4	9.9
Objects of Mariabet	Outdoor	kg	26	32	32.4	32.4
Shipping Weight	Indoor	kg	10.6	10.1	10.6	12.1
Landing Olt	Outdoor	kg	30	36	34.4	34.4
Loading Q'ty	W Pipe	20/40ft/Jumbo	116/240/273	123/252/280	96/205/233	95/195/216
echnical Information	W/O Pipe	20/40ft/Jumbo	136/280/303	130/270/302	106/231/259	103/216/246
SVC Valve	Liquid	ODxL	6.35	6.35	6.35	6.35
OVO Valve	Gas	ODXL	12.7	12.7	12.7	12.7
Piping Length	STD	mm	5	5	5	5
riping Length	Max	mm	15	15	15	15
Piping Height	Max	mm	7	7	7	8
eatures	IVICA	11111	ı	ı	ı	0
MPI						
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter						
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter					
	Deodorizing Filter					
Operating Mode	Digital i Plus					
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover					
Convenience	Auto Wind					
	Air Flow Control Steps (Cool/Fan)		•	•	•	•
	Air Direction Control (Up/Down)		•	•	•	•
	Air Direction Control (Left/Right)		•	•	•	•
	Auto Grille		•	•	•	•
	Remote Controller		•	•	•	•
	Auto Clean (self cleaning)		DOT: N	DOT: N	DOTES	
E			ROTARY	ROTARY	ROTARY	ROTARY
Etc. Low Ambient	Compressor Type Cooling	°C	15	15	15	15

AS18UBFXAX	AS24UBAXAX	AS09RBAXAP	AS09RBAXAP	AS12UABXAP	AS12UBAXAP	AS18UBAXAP	AS24UBAXAI
			AME	RICA			
CO	CO	CO	00	CO	CO	CO	00
R22	R22	R22	R22	R22	R22	R22	R22
18,000	24,000	9,000	9,000	12,000	12,000	18,000	24,000
4,536	6,048	2,268	2,268	3,024	3,024	4,536	6,048
5.07	7.00	2.64	2.64	3.52	3.52	5.07	7.00
5.27	7.03	2.04	2.04	3.02	3.02	5.27	7.03
-	-		-	-	-	-	-
-			-	-	-	-	-
-	-		-	-	-	-	-
11.5	9.6		9.7	10.4	9.5	9.5	9.6
	2.81		2.84	3.06	2.79	2.78	2.81
	-		-	-	-	-	-
	2.4		1.0	1.5	1.5	1.8	2.4
	17.0		7.0	9.5	9.5	13.0	17.0
	48/33		33/23	35/26	35/26	45/30	48/33
	61		47	50	50	58	61
220/60/1	220/60/1	110/60/1	220/60/1	110/60/1	220/60/1	220/60/1	220/60/1
	2500		930	1150	1260	1900	2500
	-		-	-	-	-	-
	11.0		4.3	10.3	5.8 -	8.5	11.0
	-			-	-	-	-
890x285x190	1065x298x222	728x255x185	728x255x185	825x285x189	825x285x189	890x285x190	1065x298x222
790x285x548	790x548x285	660x475x242	660x475x242	720x548x265	660x470x240	720x265x548	790x548x285
9.2	13	6.8	6.8	8.4	8.4	9.9	13
39	39	25	26	32.4	26	32.4	39
11.5	16	8.3	8.3	10.6	10.6	12.1	16
43	43	29	30	34.4	30	34.4	43
90/188/210	82/170/185	128/276/304	128/276/304	96/205/233	116/240/273	95/195/216	82/170/185
97/202/228	82/170/197	142/299/336	142/299/336	106/231/259	136/280/303	103/216/246	82/170/197
6.35	6.35		6.35	6.35	6.35	6.35	6.35
12.7	15.8		9.52	12.7	12.7	12.7	15.8
5	5		5	5	5	5	5
15	20		15	15	15	15	20
8	8		7	7	7	8	8
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	•			•	•	-	•
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
15	15	15	15	15	15	15	15



MODEL NO.			AQ09RANXCH	AQ12UANXCH	AQ18UANXCH	AQ24UANXC	
AREA					RICA		
			HP	HP	HP	HP	
Refrigerant Type			R22	R22	R22	R22	
Performance		D: 4	0.000	10.000	40.000	00.000	
Capacity	Cooling	Btu/hr. std min~max	9,000	12,000	18,000	23,200	
		Cal/hr. std	2,268	3,024	4,536	5,847	
		min~max	2,200	0,024	4,000	0,047	
		kW std	2.64	3.52	5.27	6.80	
		min~max	2.01	0.02	O.L.	0.00	
	Heating	Btu/hr. std	9,500	13,000	19,500	24,500	
		min~max					
		Cal/hr. std	2,394	3,276	4,914	6,174	
		min~max					
		kW std	2.78	3.81	5.71	7.18	
		min~max					
Energy Efficiency	Cooling	EER(Btu/W)	9.0	9.5	9.5	9.3	
		EER(W/W)	2.65	2.79	2.78	2.72	
	Heating	COP(W/W)	2.99	3.28	3.01	2.71	
Moisture Removal		Ø/hr.	1.0	1.5	1.8	2.4	
Air Circulation (Max)		m³/min	7.0	9.5	13.0	17.0	
Noise Level	Indoor High/Low	dB	32/24	35/26	45/30	48/33	
The state of Body	Outdoor High	dB	46	50	58	61	
Electrical Data		\/0.1=/-	000 010/50**	000 010/55	000 0 10 (50)	200 212	
Power Source	0	V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	
Power Consumption	Cooling	W	995	1260	1900	2500	
0 " 0 '	Heating	W	930	1160	1900	2650	
Operating Current	Cooling	A	4.6	5.8	9.0	12.0	
Discounting 0.1 and the Olter	Heating	A	4.2	5.3	9.0	12.5	
Dimension & Loading Q'ty Net Dimension (WxHxD)	Indoor		700.055.405	005-005-400	000.005.400	4005,000,040	
Net Differsion (WXHXD)		mm	728x255x185	825x285x189	890x285x189	1065x298x218	
Mat Wainbt	Outdoor Indoor	mm	660x475x242	660x470x240	790x285x548	880*638*310	
Net Weight	Outdoor	kg	6.8 26	8.4 26	9.9	13 56	
Shipping Weight	Indoor	kg	8.3	10.6	12.1	16	
Shipping weight	Outdoor	kg kg	30	30	43	58	
Loading Q'ty	W Pipe	20/40ft/Jumbo	128/276/304	116/240/273	89/190/216	61/128/150	
Loading Q ty	W/O Pipe	20/40ft/Jumbo	142/299/336	136/280/303	96/204/229	66/138/153	
Technical Information	W/OT Ipo	20/40100011100	142/233/300	100/200/300	30/204/223	00/100/100	
SVC Valve	Liquid	ODxL	6.35	6.35	6.35	6.35	
010 1410	Gas	ODxL	9.52	12.7	12.7	15.8	
Piping Length	STD	mm	5	5	5	5	
	Max	mm	15	15	15	20	
Piping Height	Max	mm	7	7	8	8	
Features							
MPI							
Good Sleep II			•	•	•	•	
Silver Coated Health System	Silver Coated Filter		•	•	•	•	
·	Silver Coated Evaporator		•	•	•	•	
Anti Virus Filter							
Pure & Clean Air	DNA Filter						
	Pure Filter (HAF Filter)						
	Catechin Filter						
	Deodorizing Filter						
Operating Mode	Digital i Plus						
	Dehumidification		•	•	•	•	
	Turbo Mode		•	•	•	•	
	Timer		•	•	•	•	
	Energy Saving Mode		•	•	•	•	
	Auto Restart		•	•	•	•	
	Auto Changeover		•	•	•	•	
Convenience	Auto Wind						
	Air Flow Control Steps (Cool/Fan)		•	•	•	•	
	Air Direction Control (Up/Down)		•	•	•	•	
	Air Direction Control (Left/Right)		•	•	•	•	
	Auto Grille		•	•	•	•	
	Remote Controller		•	•	•	•	
	Auto Clean (self cleaning)						
Etc.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	
Low Ambient	Cooling	°C	15	15	15	15	
	Heating	°C	0	0	0	0	

AS10ULNXST	AS13ULNXST	AS18ULNXST	AS24UGMNXST	AS10UULNXSB	AS13UULNXSB	AS18UULNXSB	AS24UULNXSB
			SouthE	ast Asia			
00	00	CO	00	CO	CO	CO	CO
R22							
9,327	12,673	18,000	22200	9,327	12,673	18,000	24,000
0.051	0.104	4 506	E EOE	0.051	0.104	4 500	6.040
2,351	3,194	4,536	5,595	2,351	3,194	4,536	6,048
2.73	3.71	5.27	6.51	2.73	3.71	5.27	7.03
-	-	-	•	•	-	-	-
-	-	-	-	-	-	-	-
11.32	11.18	11.25	11.56	11.32	11.18	11.25	10.43
3.32	3.27	3.30	3.39	3.32	3.27	3.30	3.06
-	-	-	-	-	-	-	-
1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5
36/26	10.0 37/26	14.0 42/32	15.0 44/35	8.0 36/26	10.0 37/26	14.0 42/32	15.0 44/35
49	49	53	56	49	49	53	56
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
824	1,134	1,600	1920	824	1,134	1,600	2,300
-	-	- 7.5	-	-	-	- 7.5	- 40.5
3.9	5.2	7.5 -	9.0	3.9	5.2	7.5	10.5
820x285x190	890x285x190	1065x298x222	1065x298x222	820x285x190	890x285x190	1065x298x222	1065x298x222
660x470x240	660x470x240	880x648x310	880x798x310	660x470x240	660x470x240	880x648x310	880x648x310
8.2	9.2	13	13	8.2	9.2	13	13
22.5	25.1	49	49	22.5	25.1	49	49
9.6	11.2	16	16	9.6	11.2	16	16
24.5	27.1	53 -	53 -	24.5 -	27.1	53 -	53 -
123/253/285	129/165/299	61/130/145	61/130/145	123/253/285	129/165/299	61/130/145	61/130/145
ø 6.35mmX5.0m							
ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 15.9mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 15.9mmX5.0m
7.5	7.5	7.5	5	7.5	7.5	7.5	7.5
15 7	15 7	15 8	20 8	15 7	15 7	15 8	20 8
,	,	0	0	,	,		0
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•	•	•	•				
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•	•	•	•	•	•	•	•
4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
AUTO							
MANUAL							
•	•	•	•	•	•	•	•
ROTARY							
15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43



MODEL NO. AREA				AS10ULNTSE	AS13ULNTSE	AS18ULNTSE SouthEast Asia	AS09ULNXSS	AS12ULNXSS
7111271						oodin_cot/tola	CO	CO
Refrigerant Type							R22	R22
Performance Capacity	Cooling	Btu/hr.	std min~max	9,327	12,673	18,000	9,500	12,500
		Cal/hr.	std	2,351	3,194	4,536	2,394	3,150
		kW	min~max std	2.73	3.71	5.27	2.78	3.66
	Heating	Btu/hr.	min~max std	-	-	-	-	-
	•	Cal/hr.	min~max	_	-	-	_	-
			min~max		-	-	-	-
			std min~max	-				
Energy Efficiency	Cooling	EER(Btu EER(W/\		11.32 3.32	11.18 3.27	11.25 3.30	11.31 3.31	10.87 3.19
	Heating	COP(W/	W)	-	-	-	-	-
Moisture Removal		Ø/hr.		1.0	1.5	2.0	1.0	1.5
Air Circulation (Max)		m³/min		8.0	10.0	14.0	8.0	10.0
Noise Level	Indoor High/Low	dB		36/26	37/26	42/32	36/26	37/26
Electrical Data	Outdoor High	dB		49	49	53	49	49
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
Power Source Power Consumption	Cooling	W W		824	1,134	1,600	220~240/50/T 840	1,150
i ower oonsumption	Heating	W		-	-	-	-	-
Operating Current	Cooling	A		3.9	5.2	7.5	3.9	5.2
Operating Ourron	Heating	A		-	-	-	-	- 0.2
Dimension & Loading Q'ty								
Net Dimension (WxHxD)	Indoor	mm		820x285x190	890x285x190	1065x298x222	820x285x190	890x285x190
,	Outdoor	mm		660x470x240	660x470x240	880x648x310	660x470x240	660x470x240
Net Weight	Indoor	kg		8.2	9.2	13	8.2	9.2
	Outdoor	kg		22.5	25.1	49	22.5	25.1
Shipping Weight	Indoor	kg		9.6	11.2	16	9.6	11.2
	Outdoor	kg		24.5	27.1	53	24.5	27.1
Loading Q'ty	W Pipe	20/40ft/s	Jumbo	-	-	-	-	-
Technical Information	W/O Pipe	20/40ft/	Jumbo	123/253/285	129/165/299	61/130/145	123/253/285	129/165/299
SVC Valve	Liquid	ODxL		ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m
OVO Valve	Gas	ODXL		ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m
Piping Length	STD	mm		7.5	7.5	7.5	5	5
i iping Longin	Max	mm		15	15	15	15	15
Piping Height	Max	mm		7	7	8	7	7
Features						-		
MPI								
Good Sleep II				•	•	•	•	•
Silver Coated Health System	Silver Coated Filter			•	•	•	•	•
	Silver Coated Evaporator			•	•	•	•	•
Anti Virus Filter								
Pure & Clean Air	DNA Filter							
	Pure Filter (HAF Filter)							
	Catechin Filter			•	•	•		
	Deodorizing Filter			•	•	•		
Operating Mode	Digital i Plus							
	Dehumidification			•	•	•	•	•
	Turbo Mode			•	•	•	•	•
	Timer			•	•	•	•	•
	Energy Saving Mode			•	•	•	•	•
	Auto Restart			•	•	•	•	•
0	Auto Changeover							
Convenience	Auto Wind)						
	Air Flow Control Steps (Cool/Fan))		4/9	4/9	4/9	4/2	4/2
	Air Direction Control (Up/Down) Air Direction Control (Left/Right)			4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO
	Auto Grille			MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
	Remote Controller			MANUAL	MANUAL •	MANUAL	MANUAL	MANUAL
	Auto Clean (self cleaning)			•	•	•	•	•
Etc.	Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C		15~43	15~43	15~43	15~43	15~43
LOW AITIDICITE	Heating	°C		10~43	10~43	10~43		10~43
						-	-	

AS18ULNXSS	AS24ULNXSS	AS05RGMNYEA	AS07RGMNXEA	AS09RGMNXEA	AS05RI IMNIYEA	AS07RI IMNIYEA	AS09RUMNXEA	AS12HIMNIYEA
AOTOOLIVAGO	AUZHULIVAUU	AGOGITAIVIIVALA	AGOTTGWINALA	SouthEast Asia	AGOSTIONIVALA	AGOTTOWNALA	AGOSTIONIVALA	ASTZOOMINALA
0.0	0.0	0.0					20	
CO	CO	CO	00	00	00	CO	00	00
R22	R22	R22	R22	R22	R22	R22	R22	R22
18,000	24,000	4900	6900	8900	5,000	7,000	9,000	12,000
4,536	6,048	1,260	1,764	2,268	1,260	1,764	2,268	3,024
5.27	7.03	1.47	2.05	2.64	1.47	2.05	2.64	3.52
0.21	7.05	1.47	2.00	2.04	1.47	2.00	2.04	3.32
-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-
11.25	10.43	15.3	13.02	13.28	12.82	12.28	11.25	10.71
3.30	3.06	4.49	3.82	3.89	3.76	3.60	3.30	3.14
-	-	-	-	-	-	-	-	-
2.0	2.5	0.8	0.8	1.0	0.6	0.8	1.0	1.5
14.0	15.0	6	6	8.0	4.5	6	8.0	10.0
42/32	44/35	34/26	34/26	36/26	34/26	34/26	36/26	37/26
53	56	45	45	49	45	45	49	49
220~240/50/1	220~240/50/1	200~220/50/1	200~220/50/1	200~220/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
1,600	2,300	320	530	670	390	570	800	1,120
7.5	10.5	2.0	2.8	3.7	2.0	3.0	4.0	5.3
-	-	-	-	-	-	-	-	-
1065x298x222	1065x298x222	820x285x190	820x285x190	820x285x190	728x255x170	728x255x170	728x255x185	820x285x190
880x648x310	880x648x310	660x470x240	660x470x240	660x470x240	660x470x240	660x470x240	660x470x240	660x470x240
13	13	8.2	8.2	8.2	6.5	6.5	6.8	8.9
49	43.5	22.5	22.5	22.5	17.4	20	21.7	24.9
16	16	9.6	9.6	9.6	7.5	7.5	7.8	10.3
53	46.5	24.5	24.5	24.5	19.4	22	23.7	26.9
- 61/130/145	61/130/145	123/253/285	123/253/285	123/253/285	152/314/348	- 152/314/348	152/314/348	123/253/285
ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m
ø 12.7mmX5.0m	ø 15.9mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 12.7mmX5.0m
5	5	5	5	5	5	5	5	5
15	20	15	15	15	15	15	15	15
8	8	7	7	7	7	7	7	7
•	•	•	•	•	•	•	•	
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
		•	•	•				
		•	•	•				
		•	•	•				
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•							•	
	4/0	• 4/0	4/9	4/9	4/9	4/9		4 /9
4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO	4/3 AUTO
MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
MANUAL	MANUAL •	•	•	•	WANUAL •	MANUAL •	MANUAL	MANUAL
DOTADY	DOTABLE	POTADY	• DOTADY	• DOTADY	DOTADY	DOTADY	DOTADY	DOTAD\/
ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43



Neo Forte



MODEL NO.			AS18UUMNXEA	AS24UUMNXEA	AQ09RLNXSV	AQ12ULNXSV	AQ18ULNXSV
AREA					SouthEast Asia		
			CO	00	HP	HP	HP
Refrigerant Type Performance			R22	R22	R22	R22	R22
Capacity	Cooling	Btu/hr. std	18,000	24,000	9,000	12,000	18,000
		min~max Cal/hr. std	4,536	6,048	2,268	3,024	4,536
		min~max kW std	5.27	7.03	2.64	3.52	5.27
	Haration.	min~max	0.27				
	Heating	Btu/hr. std min~max	-	-	9,500	13,000	19,500
		Cal/hr. std min~max	-	-	2,394	3,276	4,914
		kW std min~max	-	-	2.78	3.81	5.71
Energy Efficiency	Cooling	EER(Btu/W)	9.73	10.21	9.05	9.52	9.47
		EER(W/W)	2.85	2.99	2.65	2.79	2.78
	Heating	COP(W/W)	-	-	2.99	3.28	3.01
Moisture Removal		Øhr.	2.0	2.5	2.5	1.5	2.0
Air Circulation (Max)		m³/min	14.0	15.0	15.0	10.0	14.0
Noise Level	Indoor High/Low	dB	42/32	44/35	44/35	37/26	42/32
	Outdoor High	dB	53	56	56	51	53
Electrical Data							
Power Source		V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1,850	2,350	995	1260	1900
	Heating	W	-	-	930	1160	1900
Operating Current	Cooling	A	9.0	10.7	4.6	5.8	9.0
	Heating	A	-	-	4.2	5.3	9.0
Dimension & Loading Q'ty							
Net Dimension (WxHxD)	Indoor	mm	890x285x190	1065x298x222	728x255x185	820x285x190	890x285x190
	Outdoor	mm	720x548x265	790x548x285	660x470x240	660x470x240	720x548x265
Net Weight	Indoor	kg	9.2	13	6.8	8.9	9.2
	Outdoor	kg	38	43	24.5	25.9	38
Shipping Weight	Indoor	kg	11.2	16	7.8	10.3	11.2
	Outdoor	kg	41	45	26.5	27.9	41
Loading Q'ty	W Pipe	20/40ft/Jumbo	-	-	-	-	-
	W/O Pipe	20/40ft/Jumbo	92/190/211	73/153/176	152/314/348	123/253/285	97/202/238
Technical Information							
SVC Valve	Liquid	ODxL	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m	ø 6.35mmX5.0m
	Gas	ODxL	ø 12.7mmX5.0m	ø 15.9mmX5.0m	ø 9.52mmX5.0m	ø 12.7mmX5.0m	ø 12.7mmX5.0m
Piping Length	STD	mm	5	5	5	5	5
	Max	mm	15	20	15	15	15
Piping Height	Max	mm	8	8	7	7	8
Features							
MPI							
Good Sleep II	01 0 1 15		•	•	•	•	•
Silver Coated Health System	Silver Coated Filter Silver Coated Evaporator		•	•	•	•	•
Anti Virus Filter	Onvoi Gualda Evapuratur		•	•	•	•	
Pure & Clean Air	DNA Filter						
Tare & Orear All	Pure Filter (HAF Filter)						
	Catechin Filter						
	Deodorizing Filter						
Operating Mode							
Operating Mode	Digital i Plus Dehumidification						
	Turbo Mode		•	•	•	•	•
	Turbo Mode Timer			•	•	•	•
	Energy Saving Mode		•		•	•	•
	Auto Restart		•	•	•	•	•
	Auto Changeover		•	•	•		•
Convenience	Auto Wind						
OUTVEHICHCE		2)	•	•	•	•	•
	Air Flow Control Steps (Cool/Far		4/3	4/3	4/3	4/3	4/3
	Air Direction Control (Up/Down)			AUTO			
	Air Direction Control (Left/Right)		AUTO		AUTO	AUTO	AUTO
	Auto Grille		MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
	Remote Controller		•	•	•	•	•
_	Auto Clean (self cleaning)		DOT:	BOT : -:	0.07.7	DOT: T	8.7
Etc.	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Low Ambient	Cooling	°C	15~43	15~43	15~43	15~43	15~43
	Heating	°C	-	-	-5~24	-5~24	-5~24

MODEL NO.			AQV09NSAN	AQV09NSBN	AQV12NSAN	AQV12NSBN
AREA				Eui	rope	
			S Inverter	S Inverter	S Inverter	S Inverter
Refrigerant Type			R410A	R410A	R410A	R410A
Performance						
Capacity	Cooling	Btu/hr. std	8,530	8,530	11,260	11,942
		min~max	3,378~10,919	3,378~10,919	3,378~12,966	3,378~13,649
		kCal/hr. std	2,150	2,150	2,837	3,009
		min~max	851~2,752	851~2,752	851~3,267	851~3,439
		kW std	2.5	2.5	3.3	3.5
		min~max	0.99~3.2	0.99~3.2	0.99~3.8	0.99~4.0
	Heating	Btu/hr. std	11,260	11,942	13,649	13,649
		min~max	4,095~14,331	3,378~15,355	4,777~16,037	3,378~17,743
		kCal/hr. std	2,837	3,009	3,439	3,439
		min~max	1,032~3,611	851~3,869	1,204~4,041	851~4,471
		kW std	3.3	3.5	4.0	4.0
		min~max	1.2~4.2	0.99~4.5	1.4~4.7	0.99~5.2
Energy Efficiency	Cooling	EER(Btu/W)	11.6	13.9	11.0	11.3
,	3	EER(W/W)	3.40	4.08	3.21	3.30
	Heating	COP(W/W)	3.63	3.80	3.61	3.61
Moisture Removal	r rousing	Q/hr.	1.0	1.0	1.4	1.4
Air Circulation (Max)		m³/min	7.0	7.0	8.0	8.0
Noise Level	Indoor High/Low	dB	32 / 23	31 / 22	36 / 23	36 / 22
. 10100 E0101	Outdoor High	dB	45	45	30 / 23 47	45
Electrical Data	Suluson rilgit	u _D	40	40	41	40
Power Source		V/Hz/ø	220 240/50/4	200 240/50/4	200 240/50/4	220~240/50/1
	Cooling		220~240/50/1	220~240/50/1	220~240/50/1	
Power Consumption	Cooling	W	735	613	1028	1060
	Heating	W	910	960	1108	1108
Operating Current	Cooling	A	3.5	3.0	4.9	4.9
	Heating	A	4.4	4.5	5.2	5.3
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	825x285x189	825x285x189
	Outdoor	mm	720x548x265	790x548x285	720x548x265	790x548x285
Net Weight	Indoor	kg	8.4	8.4	8.4	8.4
	Outdoor	kg	32.4	39	32.4	39
Shipping Weight	Indoor	kg	10.6	10.6	10.6	10.6
	Outdoor	kg	34.4	43	34.4	43
Loading Q'ty	W Pipe	20/40ft/Jumbo	96/205/233	91/193/216	96/205/233	91/193/216
	W/O Pipe	20/40ft/Jumbo	106/231/259	101/209/233	106/231/259	101/209/233
Technical Information	·					
SVC Valve	Liquid	ODxL	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m
	Gas	ODxL	ø 9.52mmx5m	ø 9.52mmx5m	ø 9.52mmx5m	ø 9.52mmx5m
Piping Length	STD	mm	5	5	5	5
Tiping Longar	Max	mm	15	15	15	15
Piping Height	Max	mm	7	7	7	7
Refrigerant	IVIAX	111111	750	900	850	900
Add Refrigerant						
			15	15	15	15
Features						
MPI Cood Closs II						
Good Sleep II	01 O		•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter						
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus					
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
Convenience	Auto Wind		•	•	•	•
20110110100	Air Flow Control Steps (Cool/Fan)		4/3	4/3	4/3	4/3
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO
			MANUAL	MANUAL	MANUAL	MANUAL
	Air Direction Control (Left/Right)		IVIANUAL	IVIANUAL	IVIAINUAL	IVIANUAL
	Auto Grille					
	Remote Controller		•	•	•	•
_	Auto Clean (self cleaning)		•	•	•	•
Etc.	Compressor Type		Rotary	Rotary	Rotary	Rotary
Low Ambient	Cooling	℃	+10~43	-10~43	+10~43	-10~43
	Heating	°C	-10~24	-15~24	-10~24	-15~24

Neo Forte



MODEL NO.			AQV18NSCN	AQV24NSAN	AQV09NSB(D)NXSA	AQV12NSB(D)NX
AREA			Eu	rope	SouthE	ast Asia
			S Inverter	S Inverter	S Inverter	S Inverter
Refrigerant Type			R410A	R410A	R410A	R410A
Performance						
Capacity	Cooling	Btu/hr. std	17,061	23,203	8,530	11,942
		min~max	5,459~20,473	7,507~27,297	3,378~10,919	3,378~13,649
		kCal/hr. std	4,299	5,847	2,150	3,009
		min~max	1,376~5,159	1,892~6,879	851~2,752	851~3,439
		kW std	5.0	6.8	2.5	3.5
		min~max	1.6~6.0	2.2~8.0	0.99~3.2	0.99~4.0
	Heating	Btu/hr. std	20,473	27,297	11,942	13,649
		min~max	4,095~27,297	6,483~32,415	3.378~15.355	3,378~17,743
		kCal/hr. std	5,159	6,879	3,009	3,439
		min~max	1,032~6,879	1,634~8,169	851~3,869	851~4,471
		kW std	6.0	8.0	3.5	4.0
		min~max	1.2~8.0	1.9~9.5	0.99~4.5	0.99~5.2
Energy Efficiency	Cooling	EER(Btu/W)	11.6	10.3	13.9	11.3
Energy Emolericy		EER(W/W)	3.41	3.01	4.08	3.30
	Heating	COP(W/W)	3.61	2.81	3.80	3.61
Moisture Removal	i leating	Ø/hr.	2.5	3.0	1.0	1.4
Air Circulation (Max) Noise Level	Indoor High/Low	m³/min dB	13.0	15.0	7.0	8.0
INUISE LEVEI			40/30	41 / 30	32 / 23	36 / 23
Instring Date	Outdoor High	dB	53	55	45	47
lectrical Data		\// l=/~	000 040/50/4	000 010/50/4	000 010/50/4	000 010/501
Power Source	Cooling	V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power Consumption	Cooling	W	1470	2260	735	1028
	Heating	W	1660	2850	910	1108
Operating Current	Cooling	A	6.8	10.6	3.5	4.9
	Heating	A	7.7	13	4.4	5.2
Dimension & Loading Q'ty						
Net Dimension (WxHxD)	Indoor	mm	1065x298x218	1065x298x218	825x285x189	825x285x189
	Outdoor	mm	880x638x310	880x638x310	720x548x265	720x548x265
Net Weight	Indoor	kg	13	13	9	9
	Outdoor	kg	46	56	31.5	31.5
Shipping Weight	Indoor	kg	16	16	11	11
	Outdoor	kg	49.5	58	33	33
Loading Q'ty	W Pipe	20/40ft/Jumbo	61/128/150	61/128/150	96/205/233	96/205/233
	W/O Pipe	20/40ft/Jumbo	66/138/153	66/138/153	106/231/259	106/231/259
Technical Information						
SVC Valve	Liquid	ODxL	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx7.5m	ø 6.35mmx7.5m
	Gas	ODxL	ø 12.7mmx5m	ø 15.88mmx5m	ø 9.52mmx7.5m	ø 9.52mmx7.5m
Piping Length	STD	mm	5	5	7.5	7.5
r iping zongan	Max	mm	30	30	15	15
Piping Height	Max	mm	15	15	8	8
Refrigerant	IVIGA	111111	1450	1450	900	900
Add Refrigerant			15	15	900	900
Features			10	15	-	
MPI						
Good Sleep II	Cilian Control Filter		•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
A-4: \ C Filt	Silver Coated Evaporator		•	•		•
Anti Virus Filter	DNIA Eller					
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus					
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover		•	•	•	•
Convenience	Auto Wind		•	•	•	•
	Air Flow Control Steps (Cool/Fa	n)	4/3	4/3	4/3	4/3
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL
	Auto Grille		WININONE	IVIN YOAL	IVINIVOAL	IVINIVUML
	Remote Controller		•	•	•	•
- Flo	Auto Clean (self cleaning)		• TABLE	● Thank!	• D-1	Determ
Etc.	Compressor Type	20	TWIN	TWN	Rotary	Rotary
Low Ambient	Cooling	℃	-10~46	-10~43	-10~43	-10~43
	Heating	°C	-15~24	-15~24	-15~24	-15~24

880x638x310 880x798x310 660x470x240 660x470x240 720x548x265 720x548x265 790x548x285 790x548x285 13 13 8.4 8.4 8.4 8.4 13.0 13.0 47 57 26 26 33.8 33.8 39.0 41.0 16 16 10.6 10.6 10.6 10.6 16.0 16.0 50 60 27.5 27.5 35.6 35.6 43.0 45.0 61/128/150 61/128/150 116/240/273 116/240/273 96/205/233 96/205/233 82/170/197 82/170/197 66/138/153 66/138/153 136/280/303 136/280/303 106/231/259 106/231/259 82/170/197 82/170/197 2 6.35mmx7.5m Ø 6.35mmx5m Ø 6.35mmx5m Ø 6.35mmx5m Ø 6.35mmx5m Ø 6.35mmx5m Ø 6.35mmx5m	. ,	AQV24NSGNXSA	AQ09NSAN	AQ09NSBN	AQ12NSAN	AQ12NSBN	AQ18NSAN	AQ24NSAN
BATUA	South	East Asia			Eu	rope		
TITLE	S Inverter	S Inverter	HP	HP	HP	HP	HP	HP
August A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
August A								
A289			9,384	9,384	11,944	12,000	17,404	23,205
1,834-15 1,937-24 1,937-24 1,937-25 1,948-0 2,948 2,767 3.5 3.5 5.1 0.8 1,948-0 2,948 2,297 9,896 9,896 12,986 12,986 12,986 4,999 0,000 1,948-0,4979 0,805-0,417 2,949 2,949 3.5 3.5 3.5 5.1 0,800 1,959-0 1,959-0,599 1,959-0,599 1,959-0,599 1,959-0,599 1,959-0 1,959-0,599 1,959-0,59								
Solid Gal			2,365	2,365	3,010	3,010	4,386	5,848
19-00 22-40 27237 9,856 9,866 12,998 12,998 19,780 23,888 38,7737 6,850-34,127 1,854-359 1,854-358 1,100 9.0 1.00 1.00 1								
20.43			2.75	2.75	3.5	3.5	5.1	6.8
S891-22/287 6,485-94 1,684-698 2,494 2,494 3,288 8,298 4,688 0,200 1,684-6989 1,684-6989 2,494 2,494 3,288 8,298 4,688 0,200 1,684-6989			0.000	0.000	40.000	40.000	10.700	00.000
1,515			9,896	9,896	12,968	12,968	19,793	23,888
1,422-2,620			0.404	0.404	0.000	0.000	4.000	6.000
BB			2,494	2,494	3,200	3,200	4,900	0,020
11-80			2.0	2.0	2 0	2 0	5 Q	7
11.0 11.0 98 11.0 98 11.0 98 11.0 98 9.5 11.0 98 9.5 11.0 98 9.5 11.0 98 9.5 11.0 98 9.5 11.0 98 9.5 11.0 98 9.5 11.0 98 9.5 11.0 11.0 11.5 11.6 11.6 1.6 2.4 11.0 11.0 11.5 11.6 11.6 1.6 2.4 11.0 11.0 11.5 11.6 11.6 1.6 2.4 11.0 11.0 11.0 11.5 11.6 11.6 11.6 2.4 11.0 11.0 11.0 11.5 11.6 11.6 11.6 2.4 11.0 11.0 11.0 11.5 11.6 11.6 11.6 1.6 2.4 11.0 11.0 11.0 11.0 11.5 11.6 11.6 11.6 1.6 1.6 2.4 11.0 11.0 11.0 11.5 11.6 11.6 11.6 1.6 1.6 2.4 11.0 11.0 11.0 11.0 11.5 11.6 11.6 11.6 11.6 11.6 11.6 11.6			2.5	2.5	0.0	0.0	0.0	,
321 321 28 321 28 321 282 322 282 281			9.6	11.0	0.6	11.0	9.6	9.6
3.41 3.42 3.2 3.91 3.22 3.99 3.22 2.81 1.8 2.5 2.5 3.0 10 10 10 10 10 1.5 1.6 1.8 1.8 2.4 1.10 10 10 10 7.5 8.0 8.0 9.0 9.6 110 170 170 2.10 10 10 10 10 17 5 8.0 8.0 9.6 110 170 170 2.10 10 10 10 170 170 170 170 170 170 170								
25								
130 19.0 7.5 8.0 8.0 9.6 13.0 17.0 17.0 40.03 46								
## 40780 ## 40780 ## 40782 ## 44022 ## 44020 ## 40780 ## 49783 ##								
SS								
220-240/90/1 220-2								
1580		-						
1580	220~240/50/1	220~240/50/1	220~240/50/0	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
1786								
7.0	1760	2340	900	803	1180	1110	1800	2490
BO								
BBD-BSSA10 BBD/SB-BC10 BBD-SB-BC20 BBD-SB-BC20 BBD-SB-BC20 F30-SB-BC20 F30-S	8.0	10.2	4.5	4.1	5.3	5.0	8.0	
BBD-BSSA10 BBD/SB-BC10 BBD-SB-BC20 BBD-SB-BC20 BBD-SB-BC20 F30-SB-BC20 F30-S								
13 13 13 8.4 8.4 8.4 8.4 8.4 13.0 13.0 13.0 15.0 16 17.5 26 26 33.9 33.8 39.0 14.10 16 16 18 18 10.6 10.6 10.8 10.8 10.8 16.0 16.0 50 60 27.5 27.5 27.5 35.6 35.6 35.6 43.0 44.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16	1065x298x218	1065x298x218	825x285x189	825x285x189	825x285x189	825x285x189	1065x298x218	1065x298x218
13 13 13 8.4 8.4 8.4 8.4 8.4 13.0 13.0 13.0 15.0 16 17.5 26 26 33.9 33.8 39.0 14.10 16 16 18 18 10.6 10.6 10.8 10.8 10.8 16.0 16.0 50 60 27.5 27.5 27.5 35.6 35.6 35.6 43.0 44.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16	880x638x310	880x798x310	660x470x240	660x470x240	720x548x265	720x548x265	790x548x285	790x548x285
47 57 26 26 26 33 8 33.8 39.0 41.0 16 16 16 10.6 10.6 10.6 10.6 10.6 16.0 16.0								
16								
FO								
61/128/150								
66/138/153 66/138/153 166/280/303 136/280/303 106/231/259 106/231/259 82/170/197 82/170/197 26 6.35mmx7.5m								
### 8.55mmx7.5m								
a 12.7mmx7.5m a 15.8mmx7.5m a 9.52mmx5m a 9.52mmx5m a 12.7mmx5m a 12.7mmx5m a 12.7mmx5m a 12.7mmx5m a 12.7mmx5m a 15.9mmx5m a 15.9mmx5m 7.5 7.5 5 5 7.5 4.86 7.5 7.7 7.7 7.7 7.7 7.7 7.7 7.7 8.8 8.8 8.8 1.500								
### 20.27mmx/5.m*	ø 6.35mmx7.5m	ø 6.35mmx7.5m	ø 6.35mmx5m					
7.5 7.5 5 5 5 5 7.5 4.85 7.5 7.5 30 30 15 15 15 15 15 15 20 15 15 15 7 7 7 7 7 8 8 8 8 1450 1750 525 525 800 840 1080 1500 150 15 15 15 20 20 20 20 20 30 40 40 1080 1500 150 15 15 15 15 15 20 15 15 15 15 15 15 15 15 15 15 15 15 15	ø 12.7mmx7.5m			ø 9.52mmx5m		ø 12.7mmx5m		ø 15.9mmx5m
15	7.5	7.5	5	5	7.5	4.85	7.5	7.5
1450 1750 525 525 800 840 1080 1500 150 150 150 150 150 150 150 150 1	30	30	15	15	15	15	15	20
15 15 20 20 20 20 20 30 40	15	15	7	7	7	7	8	8
	1450	1750	525	525	800	840	1080	1500
	15	15	20	20	20	20	30	40
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	•	•	•	•	•	•	•	•
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4/3 4/3 <td></td> <td></td> <td>•</td> <td></td> <td></td> <td>•</td> <td></td> <td></td>			•			•		
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AUTO AUTO AUTO AUTO AUTO AUTO AUTO AUTO								
MANUAL MANUAL<								
*								
* *	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
* *								
TWIN TWIN Rotary Rotary Rotary Rotary Rotary Rotary -10~43 -10~43								
-10~43 -10~43								
			Rotary	Hotary	Rotary	Hotary	Hotary	Rotary

Neo Forte



MODEL NO.			AS12NA*	AS18NC*	AS24NA*	AQ12NC*
AREA				M	EA	
			CO	CO	CO	HP
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr. std	12,000	18,000	24000	12,000
		min~max				
		kCal/hr. std	3,024	4,536	5,847	3,024
		min~max				
		kW std	3.50	5.10	6.8	3.52
	H	min~max				40.000
	Heating	Btu/hr. std min~max	-	-	•	13,000
		kCal/hr. std		-		0.076
		min~max	-	*	-	3,276
		kW std	-		-	3.81
		min~max				0.01
Energy Efficiency	Cooling	EER(Btu/W)	9.52	9.00	9.23	9.52
Lifely Lifeling	Occiling	EER(W/W)	2.78	2.55	2.72	2.79
	Heating	COP(W/W)	-	2.00	-	3.28
Moisture Removal	ricaling	Ø/hr.	1.5	1.8	2.6	1.5
Air Circulation (Max)		m³/min	9.3	1.8	2.6	9.2
Noise Level	Indoor High/Low	dB	44/32	48 / 33	48 / 33	36/31/26
0100 L0101	Outdoor High	dB	44/32 57	46 / 33 58	61	30/31/20
Electrical Data	Outdoor Flight	ab .	OI.	J0	UI	41
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	1260	2000	2500	1260
. ovidi GonounipiiOn	Heating	W	1200	- 2000	2000	1160
Operating Current	Cooling	A	5.8	9.5	12	5.8
Operating Ourterit	Heating	A	0.0	9.0	- 12	5.3
Dimension & Loading Q'ty	Hodung	n				0.0
Net Dimension (WxHxD)	Indoor	mm	825x285x189	1065x298x218	1065x298x218	825x285x189
Net Differsion (VVXI IXD)	Outdoor	mm	660x470x240	720x548x265	790x548x285	660x475x242
Net Weight	Indoor	kg	8.4	13.0	13.0	8.4
INGL WEIGHT	Outdoor		26	33.8	41.0	26
Shipping Weight	Indoor	kg kg	10.6	16.0	16.0	10.6
Shipping Weight	Outdoor	kg	27.5	35.6	45.0	27.5
Loading Q'ty	W Pipe	20/40ft/Jumbo	116/240/273	86/176/293		116/240/273
Loading Q ty	W/O Pipe	20/40ft/Jumbo	136/280/303	86/178/205	82/170/197 82/170/197	136/280/303
Technical Information	W/O FIDE	20/40170011100	130/200/303	80/170/200	02/170/197	130/200/303
SVC Valve	Liquid	ODxL	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m
SVC valve	Gas	ODXL	Ø 12.7mmx5m	Ø 12.7mmx5m	ø 15.8mmx5m	Ø 12.7mmx5m
Piping Length	STD	mm	5	5	5	5
Fibilid Felidili	Max	mm	15	15	20	15
Piping Height	Max	mm	7	8	8	7
Refrigerant	IVIAA	111111	680	900	1450	760
Add Refrigerant			20	20	40	20
Features			20	20	40	ZU
MPI						
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
ovor oodioo ricaiii oyateiii	Silver Coated Evaporator			•	•	•
Anti Virus Filter	Onvoi Godico Evaporator				•	·
Pure & Clean Air	DNA Filter					
. are a cioarr Air	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus		·	•	•	•
Operating woods	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	:
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
	Auto Changeover				·	•
Convenience	Auto Wind		•	•	•	•
CONVOLIGINO	Air Flow Control Steps (Cool/Fa	an)	4/3	4/3	4/3	4/3
	Air Direction Control (Up/Down		AUTO	AUTO	AUTO	AUTO
	Air Direction Control (Left/Right		MANUAL	MANUAL	MANUAL	MANUAL
	Air Direction Control (Lett/Right Auto Grille	H	IVIAINUAL	IVIAINUAL	IVIANUAL	IVIANUAL
	Remote Controller		•	•	•	•
			•	•	•	•
	Auto Clean (self cleaning)					
Eto	Compressor Trans					
Etc. Low Ambient	Compressor Type Cooling	°C	Rotary	Rotary	Rotary	Rotary

AQ18NA*	AQ24NA*	AS09NC*	AS12NC*	AS18NC*	AS24NC*
	IEA	00		erica	
HP R22	HP R22	CO R22	CO R22	CO R22	CO R22
TIZZ	1122		1122	1122	1122
18,000	24000	9,000	12,000	18,000	24,000
4,536	5,847	2,268	3,024	4,536	6,048
F 10	6.0	0.75	0.50	F 10	0.00
5.10	6.8	2.75	3.50	5.10	6.80
20,000	24000		-		
5,040	6,019	-	-		-
5.00	7.00				
5.60	7.00	-	÷	*	-
9.47	9.60	9.18	10.00	9.47	9.60
2.68	2.72	2.81	2.92	2.68	2.72
2.95	2.64	-	-	-	-
1.8	2.6	1.0	1.5	1.8	2.4
13	17	7.5	8.0	13.0	14.5
40/36/32	42/39/35	44/32	44/32	48 / 33	48 / 33
52	55	57	57	58	61
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
1900	2500	980	1200	1900	2500
1900	2650	-	-	-	-
9	12	4.6	5.5	9.5	12.0
9	12.5	-	-	-	-
1065x298x218	1065x298x218	825x285x189	825x285x189	825x285x189	1065x298x218
790x548x285	790x548x285	660x470x240	660x470x240	790x548x285	790x548x285
13.0	13.0	8.4	8.4	8.4	13.0
39.0 16.0	41.0 16.0	26 10.6	26 10.6	39.0 10.6	41.0 16.0
43.0	45.0	27.5	27.5	43.0	45.0
82/170/197	82/170/197	116/240/273	116/240/273	91/193/216	82/170/197
82/170/197	82/170/197	136/280/303	136/280/303	101/209/233	82/170/197
ø 6.35mmx5m					
ø 12.7mmx5m	ø 15.8mmx5m	ø 9.52mmx5m	ø 12.7mmx5m	ø 12.7mmx5m	ø 15.8mmx5m
5	5	5	5	5	5
15	20	15	15	15	20
8	8	7	7	8	8
20	1450	545	680	1030	1350
30	40	20	20	30	40
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•	•	•	•	•	•
•	•	•	•	•	•
•	•				
4/0	4/0	4/0	4/0	4/0	4/0
4/3	4/3	4/3	4/3	4/3	4/3
AUTO MANUAL	AUTO MANUAL	AUTO MANUAL	AUTO MANUAL	AUTO MANUAL	AUTO MANUAL
IVMINUAL	IVIMINUAL	IVIMINUML	IVIAINUAL	IVIANUAL	IVIAINUAL
•	•	•	•	•	•
•	•	•	•	•	•

Forte



MODEL NO.			AQV09FKN	AQV12FKN	AS09FC*	AS09SA*
AREA			Eur	оре	N	EA
			S Inverter	S Inverter	00	CO
Refrigerant Type			R410A	R410A	R22	R22
Performance						
Capacity	Cooling	Btu/hr. std	8,530	11,260	9,000	9,000
		min~max	3,378~10,919	3,378~12,966		
		kCal/hr. std	2,150	2,837	2,268	2,268
		min~max	851~2,752	851~3,267		
		kW std	2.5	3.3	2.75	2.50
	Hosting	min~max Btu/hr. std	0.99~3.2	0.99~3.8		
	Heating	min~max	4.095~14.331	13,649 4,777~16,037	-	-
		kCal/hr. std	2,752	3,439		
		min~max	1,032~3,611	1,204~4,041		
		kW std	3.2	4.0		-
		min~max	1.2~4.2	1.4~4.7		
Energy Efficiency	Cooling	EER(Btu/W)	11.6	11.0	9.18	9.38
		EER(W/W)	3.40	3.21	2.81	2.60
	Heating	COP(W/W)	3.63	3.61	-	-
Moisture Removal		Ø/hr.	1.0	1.4	1.0	1
Air Circulation (Max)		m³/min	7.0	8.0	7.5	7
Noise Level	Indoor High/Low	dB	32 / 23	36 / 23	42/24	42/24
	Outdoor High	dB	45	47	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
Power Consumption	Cooling	W	735	1028	980	960
	Heating	W	886	1108	-	-
Operating Current	Cooling	A	3.5	4.9	4.6	4.6
	Heating	A	4.4	5.2	-	-
Dimension & Loading Q'ty			005 005 400	005 005 400	005 005 400	700\/055\/405
Net Dimension (WxHxD)	Indoor	mm	825x285x189	825x285x189	825x285x189	728X255X185
Not Weight	Outdoor	mm	720x548x265	720x548x265	660x470x240	660x470x240
Net Weight	Indoor Outdoor	kg	7.8	8.4	8.4	6.8
Chinning Woight	Indoor	kg	30.5 9.4	30.5	26.0	26.0
Shipping Weight	Outdoor	kg kg	32	10 32	10.6 27.5	8.6 27.5
Loading Q'ty	W Pipe	20/40ft/Jumbo	96/205/233	96/205/233	116/240/273	128/276/304
Loading & ty	W/O Pipe	20/40ft/Jumbo	106/231/259	106/231/259	136/280/303	142/299/336
Technical Information	11/01/00	20/10/00/100	100/201/200	100/201/200	100/200/000	142/200/000
SVC Valve	Liquid	ODxL	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m
	Gas	ODxL	ø 9.52mmx5m	ø 9.52mmx5m	ø 9.52mmx5m	ø 9.52mmx5m
Piping Length	STD	mm	5	5	5	5
	Max	mm	15	15	15	15
Piping Height	Max	mm	7	7	7	7
Refrigerant			750	850	545	500
Add Refrigerant			15	15	20	20
eatures						
MPI						
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter						
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter				•	
On another Manda	Deodorizing Filter Digital i Plus				•	
Operating Mode	Digital i Plus Dehumidification					
	Turbo Mode		•	•	•	•
	Turbo Mode Timer		•	•	•	•
	Energy Saving Mode		•		•	•
	Auto Restart		•		:	•
	Auto Changeover		•	•		•
Convenience	Auto Wind		•	•		•
	Air Flow Control Steps (Cool/Fan))	4/3	4/3	4/3	4/3
	Air Direction Control (Up/Down)		AUTO	AUTO	AUTO	AUTO
	Air Direction Control (Left/Right)		MANUAL	MANUAL	MANUAL	MANUAL
	Auto Grille					
	Remote Controller		•	•	•	•
	Auto Clean (self cleaning)		•	•	•	•
Etc.	Compressor Type		Rotary	Rotary	Rotary	Rotary
	Cooling	°C	+10~46	+10~46		
Low Ambient	Cooling					

AS12FC*	AS18FC*	AS18FG*	AS18FE*	AS24FC*	AQ09FC*	AQ09SA*	AQ12FC*
00	CO	CO	00	MEA	HP	HP	HP
R22							
12,000	18,000	18,000	18,000	24000	9000	9,000	12,000
3,024	4,536	4,536	4,536	5,847	2,268	2,268	3,024
0,024	4,000	4,000	4,000	0,047	2,200	2,200	0,024
3.50	5.10	5.10	5.10	6.8	2.70	2.50	3.52
-	-	- -	-	-	10000	10,000	13,000
-	-	-	-	-	2,520	2,520	3,276
-	-	-	-	-	2.90	2.75	3.81
9.52	9.00	9.00	9.00	9.23	9.18	9.38	10.00
2.78	2.55	2.55	2.55	2.62	2.76	2.60	2.93
-	-	-	-	-	3.26	3.22	3.23
1.5	1.8	1.8	1.8	2.6	1	1	1.5
9.3	13	13	13	17	7.5	7.5	9.2
44/28 57	48/32 58	48/32 58	48/32 58	48/32 61	42/24 55	42/24 55	44/28 57
Or .	00	30	- 00	UI	30	30	91
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220/50/1	220~240/50/1	220~240/50/1
1260	2000	2000	2000	2600	980	960	1200
-	-	-	-	- 40.5	900	910	1180
5.8	9.5	9.5	9 -	12.5	4.6 4.1	4.6	5.3
					4.1	4.2	0.2
825x285x189	1065x298x218	1065x298x218	825x285x189	1065x298x218	825x285x189	728X255X185	825x285x189
660x470x240	790*548*285	720x548x265	720x548x265	790x548x285	660x470x240	660x470x240	720x548x265
8.4	13.0	13.0	8.4	13.0	8.4	6.8	8.4
33.5 10.6	39.0 16.0	33.8 16.0	39.0 10.6	44.0 16.0	26.0 10.6	26.0 8.6	37 10.6
35.5	43.0	35.6	43.0	46.0	27.5	27.5	41
116/240/273	82/170/197	86/176/293	91/193/216	82/170/197	116/240/273	128/276/304	116/240/268
136/280/303	82/170/197	86/178/205	101/209/233	82/170/197	136/280/303	142/299/336	126/262/294
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
ø 6.35mmx5m ø 12.7mmx5m	ø 6.35mmx5m ø 12.7mmx5m	ø 6.35mmx5m ø 12.7mmx5m	Ø 6.35mmx5m Ø 12.7mmx5m	ø 6.35mmx5m ø 15.8mmx5m	ø 6.35mmx5m ø 9.52mmx5m	ø 6.35mmx5m ø 9.52mmx5m	ø 6.35mmx5m ø 12.7mmx5m
5	5	5	5	5	5	5	5
15	15	15	15	20	15	15	15
7	8	8	8	8	7	7	7
630	980	900	980	1320	545	500	870
20	20	20	20	30	20	20	20
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
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					•	•	•
•	4/3	4/3	4/3	4/3	4/3	4/3	4/3
4/3	AUTO						
4/3 AUTO							
4/3 AUTO MANUAL	MANUAL						
AUTO MANUAL	MANUAL						
AUTO		MANUAL • •	MANUAL	MANUAL •	MANUAL •	MANUAL •	MANUAL •

Forte



Refrigerant Type Performance Capacity	Cooling	Btu/hr. std min-max kCal/hr. std	HP R22 12,000	HP R22 18,000	HP R22 18,000	HP R22 24000
Performance	Cooling	min~max	R22	R22	R22	R22
Performance	Cooling	min~max				
	Cooling	min~max	12,000	18,000	18,000	24000
Capacity	Cooling	min~max	12,000	18,000	18,000	24000
		NOW/III. Stu	3,024	4,536	4,536	5,847
		min~max	0,024	4,000	4,000	5,047
		kW std	3.52	5.10	5.10	6.8
		min~max	0.02	0.10	0.10	0.0
	Heating	Btu/hr. std	13,000	20,000	20,000	24000
		min~max				
		kCal/hr. std	3,276	5,040	5,040	6,019
		min~max				
		kW std	3.81	5.60	5.60	7.00
		min~max				
Energy Efficiency	Cooling	EER(Btu/W)	9.23	9.47	9.47	9.23
		EER(W/W)	2.71	2.68	2.68	2.62
	Heating	COP(W/W)	3.28	3.09	3.26	2.64
Moisture Removal		Q/hr.	1.5	1.8	1.8	2.6
Air Circulation (Max)	1 1 1 1 2 2 2	m³/min	9.2	13	13.0	17
Noise Level	Indoor High/Low	dB	44/28	48/32	48/32	48/32
The strike of Dete	Outdoor High	dB	57	58	58	61
Electrical Data		\// l=/c	000 040/50/4	000 040/50/4	000/00/4	000 010/55
Power Source Power Consumption	Cooling	V/Hz/ø W	220~240/50/1	220~240/50/1	220/60/1	220~240/50/1 2600
Power Consumption	Cooling		1300	1900	1900	
On anoting Comment	Heating	W	1160	1900	1900	2650
Operating Current	Cooling	A	5.8 5.3	9 9	9.0	12.5
Dimension & Loading Q'ty	Heating	A	5.3	9	9.0	12.5
Net Dimension (WxHxD)	Indoor	mm	825x285x189	1065x298x218	825x285x195	1065x298x218
Net Differsion (WXHXD)	Outdoor	mm				
Net Weight	Indoor		660x495x240 8.4	790x548x285 13.0	790*548*285 8.4	790x548x285 13.0
ivet vveignt	Outdoor	kg kg	26	39.0	39.0	48.0
Shipping Weight	Indoor	kg	10.6	16.0	10.6	16.0
Shipping weight	Outdoor	kg	29	43.0	43.0	50.0
Loading Q'ty	W Pipe	20/40ft/Jumbo	116/240/268	82/170/197	91/193/216	82/170/197
Loading Q ty	W/O Pipe	20/40ft/Jumbo	126/262/294	82/170/197	101/209/233	82/170/197
Technical Information	11/0 1 ipo	20/10/0/04/100	120/202/204	02/170/137	101/203/200	02/170/137
SVC Valve	Liquid	ODxL	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m
010 1410	Gas	ODxL	ø 12.7mmx5m	ø 12.7mmx5m	ø 12.7mmx5m	ø 15.8mmx5m
Piping Length	STD	mm	5	5	5	5
	Max	mm	15	15	15	20
Piping Height	Max	mm	7	8	8	8
Refrigerant			720	1000	1000	1450
Add Refrigerant			20	20	20	30
Features						
MPI						
Good Sleep II			•	•	•	•
Silver Coated Health System	Silver Coated Filter		•	•	•	•
	Silver Coated Evaporator		•	•	•	•
Anti Virus Filter						
Pure & Clean Air	DNA Filter					
	Pure Filter (HAF Filter)					
	Catechin Filter		•	•	•	•
	Deodorizing Filter		•	•	•	•
Operating Mode	Digital i Plus					
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Timer		•	•	•	•
	Energy Saving Mode		•	•	•	•
	Auto Restart		•	•	•	•
0	Auto Changeover		•	•	•	•
Convenience	Auto Wind	(F)	4/0	4/0	4/0	4/0
	Air Flow Control Steps (Cool		4/3	4/3	4/3	4/3
	Air Direction Control (Up/Dov		AUTO	AUTO	AUTO	AUTO
	Air Direction Control (Left/Rig	int)	MANUAL	MANUAL	MANUAL	MANUAL
	Auto Grille					
	Remote Controller		•	•	•	•
	Remote Controller Auto Clean (self cleaning)		•	•	•	•
Etc. Low Ambient	Remote Controller	°C				

AS12FCUMG	AS18FCUMG	AS24FCUMG	AQ12FCUMG	AQ18FEUMG	AQ24FCUMG
	00		MEA	110	LID
CO R22	CO R22	CO R22	HP R22	HP R22	HP R22
1122	1122	1122	TIEE	IIEE	1122
12,000	18,000	24000	12000	18,000	24000
3,024		5,847	3,024	4,536	5,847
3.50	5.1/3.85	6.8	3.52	5.10	6.8
3.00	0.1/0.00	0.0	0.02	5.10	0.0
-			13000	20,000	24000
-	-		3,276	5,040	6,019
			0.04	5.00	7.00
-	÷		3.81	5.60	7.00
9.09	9.47	9.23	8.89	9.47	9.23
2.65	2.68	2.47	2.61	2.68	2.57
-	3.26		3.18	3.26	2.64
1.5	1.8	2.60	1.5	1.8	2.6
8.0	13.0	17	9.55	13.0	17
44/28	48/32	48/32	44/28	44/28	48/32
57	58	61	57	57	61
220~240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
1320	1900	2750	1350	1900	2650
-	-	2100	1200	1900	2700
6.1	8.8	13.5	6.4	9.0	13.5
-	-		5.6	9.0	13.5
825x285x189	1065x298x218	1065x298x218	825x285x189	825x285x195	1065x298x218
660x470x240	790x548x285	790x548x285	660x495x240	790*548*285	790x548x285
8.4	13.0	13.0	8.4	8.4	13.0
26	39.0	48.0	28	39.0	48.0
10.6 29	16.0 43.0	16.0 50.0	10.6 30	10.6 43.0	16.0 50.0
116/240/273	82/170/197	82/170/197	116/240/268	91/193/216	82/170/197
136/280/303	82/170/197	82/170/197	126/262/294	101/209/233	82/170/197
ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m	ø 6.35mmx5m
ø 12.7mmx5m	ø 12.7mmx5m	ø 15.8mmx5m	ø 12.7mmx5m	ø 12.7mmx5m	ø 15.8mmx5m
5	5	5	5	5	5
15	15	20	15	15	20
7 630	940	8 1200	7 720	8 1000	8 1500
20	30	30	20	20	30
20			20	20	
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•		•	•	•	•
•	•	•	•	•	•
4/3	4/3	4/3	4/3	4/3	4/3
AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	MANUAL
IVININOAL					
•	•	•	•	•	•
	• • Rotary	• • Rotary	• • Rotary	• • Rotary	• • Rotary

World wide







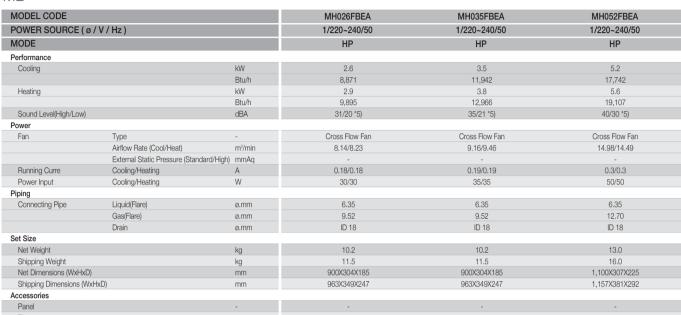
MODEL NO.			AQV36JANKCV	AQ30WCNSER	AQV30JA(D)NXSA	AQ30WC*	AQ36WB*UMG
AREA			America	CIS	SouthEast Asia	M	1EA
			Smart Inverter	WW3	WW3	HP	HP
Refrigerant Type			R410A	R22	R410A	R22	R22
Performance	0 "	D. 4	00.000	00000	07007	00000	00000
Capacity	Cooling	Btu/hr. std min~max	33,000 9,000~38,000	30000	27297 6824~31733	30000	33000
		kCal/hr. std	8,316	7560	6879	7560	8316
		min~max	2,268~9,576	7.000	1720~7997	7.000	5515
		kW std	9.67	8.79	8.0	8.79	9.67
		min~max	2.64~11.14		2.0~9.3		
	Heating	Btu/hr. std	34,000	32000	30709	32000	36000
		min~max	9,000~45,000		7507~40946		
		kCal/hr. std min~max	8,568	8064	7739 1892~10318	8064	9072
		kW std	2,268~11,340 9.96	9.38	9.0	9.38	10.55
		min~max	2.64~13.19	3.00	2.2~12.0	3.00	10.00
Energy Efficiency	Cooling	EER(Btu/W)	11.0	10.3	10.51	10.3	8.7
,		EER(W/W)	3.21	3.0	3.08	3.03	2.55
	Heating	COP(W/W)	3.11	3.1	3.31	3.13	3.01
Moisture Removal		Ø/hr.	4.9	3.0	4.5	3.0	3.6
Air Circulation (Max)		m³/min	25.0	20	23.0	20	23
Noise Level	Indoor High/Low	dB	49/39	55/44	47 / 37	55/44	56/45
Electrical Data	Outdoor High	dB	61	61	57	61	67
Electrical Data Power Source		V/Hz/ø	208~230/60	200-240/50/1	220~240/50/1	200-240/50/1	220/60/1
Power Consumption	Cooling	W	3000	2900	2600	2900	3800
1 ovidi Condamption	Heating	W	3200	3000	2720	3000	3500
Operating Current	Cooling	A	13.0	13	11.5	13	18
	Heating	A	14.5	13.5	12.0	13.5	16
Dimension & Loading Q'ty	•						
Net Dimension (WxHxD)	Indoor	mm	1279x345x229	1279x345x229	1279x345x229	1279x345x229	1279x345x229
	Outdoor	mm	930x1135x375	880x798x310	880x798x310	880x798x310	880x950x320
Net Weight	Indoor	kg	20	20	20	20	20
	Outdoor	kg	68	70	58	70	80
Shipping Weight	Indoor	kg	23	24	23	24	24
Loading Q'ty	Outdoor W Pipe	kg 20/40ft/Jumbo	74 20/43/72	76	61	76	85
Loading Q ty	W/O Pipe	20/40ft/Jumbo	24/48/76	48/102/115 49/110/120	43/106/115 49/110/120	48/102/115 49/110/120	38/84/96 38/86/98
Technical Information	11/01 lpc	20/40100011100	24/40/10	40/110/120	43/110/120	40/110/120	00/00/30
SVC Valve	Liquid	ODxL	ø 6.35mmX7.5m	ø 9.52mmX5.0m	ø 6.35mmX7.5m	ø 9.52mmX5.0m	ø 9.52mmX5.0m
	Gas	ODxL	ø 15.8mmX7.5m	ø 15.88mmX5.0m	ø 15.8mmX7.5m	ø 15.88mmX5.0m	ø 19.05mmX5.0m
Piping Length	STD	mm	7.5	5	7.5	5	5
	Max	mm	50	20	30	20	30
Piping Height	Max	mm	30	8	15	8	15
Refrigerant			2500	2100	2300	2100	2900
Add Refrigerant Features			40	50	15	50	50
MPI							
Good Sleep II			•				
Silver Coated Health System	Silver Coated Filter		•	•	•	•	•
,	Silver Coated Evaporator		•	•	•	•	•
Anti Virus Filter							
Pure & Clean Air	DNA Filter						
	Pure Filter (HAF Filter)						
	Catechin Filter		•	•	•	•	•
On exaction a Manufa	Deodorizing Filter		•	•	•	•	•
Operating Mode	Digital i Plus Dehumidification				•	•	•
	Turbo Mode		•	•	•	•	•
	Timer			•	•		•
	Energy Saving Mode		•	•	•	•	•
	Auto Restart		•	•	•	•	•
	Auto Changeover		•	•		•	•
Convenience	Auto Wind		•	•	•	•	•
	Air Flow Control Steps (Cool	(Fan)	4/3	4/3	4/3	4/3	4/3
	Air Direction Control (Up/Dov		AUTO	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Rig	iht)	MANUAL	Manual	Manual	Manual	Manual
	Auto Grille						
	Remote Controller		•	•		•	•
Fto.	Auto Clean (self cleaning)		TNAMNI	DOTAD (TANK)	Tital	DOT+D1	DECIDO
Etc.	Compressor Type	°C	TWIN	ROTARY(TWIN)	TWIN	ROTARY	RECIPRO
Low Ambient	Cooling Heating	°C	-10~43 -15~24		-10~43 -15~24		
	i locality	U	-10~Z4		-10~24		

AS30WB*	AS36WB*	AS36WC*	AS30WB*UMG	AS36WB*UMG	AS36WBXAX	AS36WBXAP	AS36JAXTC
		MEA			Ame	erica	SouthEast Asia
CO	CO	CO	CO	CO	WW3	WW3	CO
R22							
30000	33000	33000	30000	33000	33000	33000	33000
7500	0040	0040	7500	0040	0040	0040	0040
7560	8316	8316	7560	8316	8316	8316	8316
8.79	9.7	9.67	8.79	9.67	9.67	9.67	9.67
0.13	5.1	3.01	0.70	3.01	3.01	3.01	3.01
-	-	-	-	-	-	-	-
÷	-	*	*	-	-	-	-
9.4	8.7	8.7	10.0	8.7	8.7	8.7	9.50
2.75	2.55	2.55	2.93	2.55	2.55	2.55	2.78
-	2.00	2.00	2.30	-	2.00	-	-
3.0	3.6	3.6	3.0	3.6	3.6	3.6	3.6
20	23	23	20	23	23	23	23
55/44	56/45	56/45	55/44	56/45	56/45	56/45	47/40
63	67	67	63	67	67	67	58
200-240/50/1	200-240/50/1	200-240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
3200	3800	3800	3000	3800	3800	3800	3474
-	-	-	-	-	-	-	-
17	18	18	15	18	18	18	18
-	-	-	-	-	-	-	-
1279x345x229							
880x798x310	880x950x320	880x798x310	880x789x310	880x950x320	880x950x320	880x950x320	880x950x320
20	20	20	20	20	20	20	20
70	80	70	80	80	80	80	80
24	24	24	24	24	24	24	24
76	85	76	85	85	85	85	85
48/102/115	38/84/96	48/102/115	48/102/115	38/84/96	38/84/96	38/84/96	38/84/96
49/110/120	38/86/98	49/110/120	49/110/120	38/86/98	38/86/98	38/86/98	38/86/98
ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 6.35mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m	ø 9.52mmX5.0m
ø 15.88mmX5.0m	ø 19.05mmX5.0m	ø 19.05mmX5.0m	ø 15.88mmX5.0m	ø 19.05mmX5.0m	ø 19.05mmX5.0m	ø 19.05mmX5.0m	ø 19.05mmX5.0m
5 20	5 30	5 30	5 20	5	5 30	5 30	5 30
				30			
8	15	15	8	15	15	15	15
2250 50	2850 50	2850 50	2200 50	2850 50	2850 50	2850 50	
50	50	50	50	50	50	50	
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
							•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	
•	•	•	•	•	•	•	•
4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
Auto							
Manual							
•	•	•	•	•	•	•	•
RECIPRO	RECIPRO	RECIPRO	ROTARY	RECIPRO	RECIPRO	RECIPRO	RECIPRO
					19~54	19~54	

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Free Joint Multi Series (Indoor Unit)

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Drain Pump

MODEL CODE			MH020FVEA	MH026FVEA	MH035FVEA	MH052FVEA
POWER SOURCE (Ø	i / V / Hz)		1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
MODE			HP	HP	HP	HP
Performance						
Cooling		kW	2	2.6	3.5	5.2
		Btu/h	6,824	8,871	11,942	17,742
Heating		kW	2.2	2.9	3.8	5.6
		Btu/h	7506	9,895	12,966	19,107
Sound Level(High/Low)		dBA	31/21 *5)	31/21 *5)	35/21 *5)	40/30 *5)
Power						
Fan	Туре	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Airflow Rate (Cool/Heat)	m³/min	7.5/8.1	8.5/8.3	10/10.4	14.8/14.8
	External Static Pressure (Standard/High)	mmAq	=	-	-	-
Running Curre	Cooling/Heating	A	0.18/0.18	0.18/0.18	0.19/0.19	0.3/0.3
Power Input	Cooling/Heating	W	30/30	30/30	35/35	50/50
Piping						
Connecting Pipe	Liquid(Flare)	ø.mm	6.35	6.35	6.35	6.35
	Gas(Flare)	ø.mm	9.52	9.52	9.52	12.70
	Drain	ø.mm	ID 18	ID 18	ID 18	ID 18
Set Size						
Net Weight		kg	8.5	8.5	8.5	12.0
Shipping Weight		kg	11.5	11.5	11.5	15.0
Net Dimensions (WxHxD)	mm	825X285X189	825X285X189	825X285X189	1,065X298X214
Shipping Dimensions (W:	xHxD)	mm	900X349X252	900X349X252	900X349X252	1,137X377X299
Accessories						
Panel		-	-	-	-	-
Filter		-	-	-	-	-
Drain Pump		_			_	

- **Notes**

 1) Mode: HP: Heat Pump, HR: Heat Recovery

 2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m

 3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m

 4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

- *5) Due to ongoing improvement on products, specifications may change without prior notice.

Neo Forte

MODEL CODE			MH020FNEA	MH026FNEA	MH035FNEA	MH052FNEA
POWER SOURC	E(ø/V/Hz)		1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
MODE			HP	HP	HP	HP
Performance						
Cooling		kW	2	2.6	3.5	5.2
		Btu/h	6,824	8,871	11,942	17,742
Heating		kW	2.2	2.9	3.8	5.6
		Btu/h	7506	9,895	12,966	19,107
Sound Level(High/L	_ow)	dBA	32/23 *5)	32/23 *5)	36/23 *5)	40/30 *5)
Power						
Fan	Type	=	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Airflow Rate (Cool/Heat)	m³/min	7.73/8	8.31/8.56	9.54/9.93	13.21/14.22
	External Static Pressure (Standard/High)	mmAq	-	-	-	-
Running Curre	Cooling/Heating	А	0.18/0.18	0.18/0.18	0.19/0.19	0.3/0.3
Power Input	Cooling/Heating	W	30/30	30/30	35/35	50/50
Piping						
Connecting Pipe	Liquid(Flare)	ø.mm	6.35	6.35	6.35	6.35
	Gas(Flare)	ø.mm	9.52	9.52	9.52	12.70
	Drain	ø.mm	ID 18	ID 18	ID 18	ID 18
Set Size						
Net Weight		kg	7.8	7.8	7.8	13.0
Shipping Weight		kg	9.4	9.4	9.4	16.0
Net Dimensions (W	/xHxD)	mm	825X285X189	825X285X189	825X285X189	1,099X315X217
Shipping Dimension	ns (WxHxD)	mm	900X349X252	900X349X252	900X349X252	1,137X377X299
Accessories						
Panel		-	-	-	-	-
Filter		-	-	-	-	-
Drain Pump		-	-	-	-	-





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MODEL CODE			MH026FVEA	MH035FJEA	MH052FJEA	MH026FSEA	MH052FVEA
POWER SOURC	E(ø/V/Hz)		1/220~240/50	1/220~240/50	1/220~240/50	1,220~240/50	1,220~240/50
MODE			HP	HP	HP	HP	HP
Performance							
Cooling		kW	2.6	3.5	5.2	2.6	3.5
		Btu/h	8,871	11,942	17,700	8,800	11,900
Heating		kW	2.9	3.8	5.6	2.9	3.8
		Btu/h	9,895	12,966	19,100	9,800	12,900
Sound Level(High/	(Low)	dBA	31/21 *5)	-			
Power							
Fan	Type	-	Cross Flow Fan	Turbo Fan	Turbo Fan	Cross Flow Fan	Cross Flow Fan
	Airflow Rate (Cool/Heat)	m³/min	8.5/8.3	-	11.2 / 12.6 *5)	6.2 *5) / 7.5 *5)	7.6 / 8.2 *5)
	External Static Pressure (Standard/High)	mmAq	÷	=	=	-	-
Running Curret	Cooling/Heating	Α	0.18/0.18	-	0.35 *5)	0.23 *5)	0.25 *5)
Power Input	Cooling/Heating	W	30/30	-	50 *5)	45 *5)	50 *5)
Piping							
Connecting Pipe	Liquid(Flare)	ø.mm	6.35	6.35	6.35	6.35	6.35
	Gas(Flare)	ø.mm	9.52	9.52	12.70	9.52	9.52
	Drain	ø.mm	ID 18	-	ID 18 hose	VP20(0D 25, ID 20)	VP20(0D 25, ID 20)
Set Size							
Net Weight		kg	8.5	14.5	15.0	10.5	10.5
Shipping Weight		kg	11.5	18.5	19.0	13.5	13.5
Net Dimensions (V	VxHxD)	mm	825X285X189	720x620x199	720X620X199	970X135X410	970X135X410
Shipping Dimension	ons (WxHxD)	mm	900X349X252	810x710x295	810X710X295	1164X212X478	1164X212X478
Accessories							
Panel		-	-	-	-	PSSMA	PSSMA
Filter		-	=	=	Filter (Washable)	Filter (Washable)	Filter (Washable)
Drain Pump		ℓ/h/mm	-	-	-	24/750	24/750

- **1) Mode HP: Heat Pump, HR: Heat Recovery

 **2) Nominal cooling capacities are based on Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m

 **3) Nominal heating capacities are based on Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m

 **4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

 **5) Specifications may be subject to change without prior notice for product improvement.

Free Joint Multi Series (Indoor Unit)



Mini 4way Cassette

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

VIVACE

MODEL CODE			MH026FSEEA	MH035FEEA	MH052FUEA	
POWER SOURCE (ø / V / Hz)		1/220~240/50	1/220~240/50	1/220~240/50 HP	
MODE			HP	HP		
Performance						
Cooling		kW	2.6	3.5	5.2	
		Btu/h	8,800	11,900	17,742	
Heating		kW	2.9	3.8	5.6	
		Btu/h	9,800	12,900	19,107	
Sound Level(High/Low)		dBA	31/26	32/27	-	
Power						
Fan	Туре	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Airflow Rate (Cool/Heat)	m3/min	8.6/9.0	9.8/10.3	-	
	External Static Pressure (Standard/High)	mmAq	2/4	2/4	6/10	
Running Curret	Cooling/Heating	A	0.4/0.4	0.4/0.4	-	
Power Input	Cooling/Heating	W	80/80	80/80	-	
Piping						
Connecting Pipe	Liquid(Flare)	ø.mm	6.35	6.35	6.35	
	Gas(Flare)	ø.mm	9.52	0.92	12.70	
	Drain	ø.mm	VP:25 (OD:32, ID:25)	VP:25 (OD:32, ID:25)	-	
Set Size						
Net Weight		kg	26.0	26.0	29.5	
Shipping Weight		kg	31.0	31.0	34.5	
Net Dimensions (WxHxE	0)	mm	900x199x600	900x199x600	900x260x480	
Shipping Dimensions (W	/xHxD)	mm	1,133x333x722	1,133x333x722	1,146x363x584	
Accessories						
Panel		-	-	-	-	
Filter		-	Option(MF-E0EF)	Option(MF-E0EF)	-	
Drain Pump		-	MDP-E075SEE	MDP-E075SEE	MSP-M075SGU3	

**Note: HP: Heat Pump, HR: Heat Recovery

**1) Mode: HP: Heat Pump, HR: Heat Recovery

**2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m

**3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m

**4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

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

Pack Multi Split (Forte Type)



	Outdoor Un	it	MH18VF1X	MH19VF1X
MODEL NO.			MH18VF1-09	MH19VF1-07
	Indoor Unit		MH18VF1-09	MH19VF1-12
Performance				
Capacity(Cooling/Heating)	1Unit(A)	kW	2.6/2.9	2.1/2.4
	1Unit(B or C)	kW	2.6/2.9	3.5/3.8
	2Unit[A+(B or C)]	kW	3.9/4.4	3.9/4.4
Energy Efficiency	1Unit(A)	EER (Btu/W)	3.470	3.890
		COP (W/W)	3.440	3.000
	1Unit(B or C)	EER (Btu/W)	3.470	3.020
	011 374 70 03	COP (W/W)	3.440	3.280
	2Unit[A+(B or C)]	EER (Btu/W)	3.360	3.360
Malabara Danasaral		COP (W/W)	3.790	3.790
Moisture Removal	411-2/4)	≬ /hr	1.6	1.6
Air Circulation (Max)	1Unit(A)	m³/min	8.3	7.73
Naise Level	1Unit(B or C)	m³/min	8.3	9.5
Noise Level	Indoor (A-Unit)	dB(A)	43	43
	Indoor (B-Unit or C-Unit)	dB(A)	43	43
Electrical Data	Outdoor Unit	dB(A)	51/52	51/52
		V/Hz/Ø	220 240/50/4	220 240/50/1
Power Consumption	1l Init/A\	W	220-240/50/1 750/900	220-240/50/1 540/800
Operating Current	1Unit(A) 1Unit(B or C)	W	750/900	1,160/1,160
	2Unit[A+(B or C)]	W	1,160/1,160	1,160/1,160
Dimension & Loading O'ty	1Unit(A)	A	3.4/4.1	2.5/3.7
Dimension & Loading Q'ty	1Unit(B or C)	A	3.4/4.1	5.3/5.3
	2Unit[A+(B or C)]	A	5.3/5.3	5.3/5.3
Dimension & Loading Q'ty	20111[AT(D 01 0)]	^	3.0/3.0	3.3/3.3
Net Dimension (WxHxD)	IIndoor (A-Unit)	mm	825x285x189	825x285x189
THOS BITTOTION (THAT IAB)	Indoor (B-Unit or C-Unit)	mm	825x285x189	825x285x189
	Outdoor Unit	mm	548x790x285	548x790x285
Net Weight	Indoor(A-Unit)	kg	8.4	8.4
THOU WOUGHT	Indoor(B-Unit or C-Unit)	kg	8.4	8.4
	Outdoor Unit	kg	41	41
Shipping Weight	Indoor(A-Unit)	kg	10.6	10.6
Grapping rroight	Indoor(B-Unit or C-Unit)	kg	10.6	10.6
	Outdoor Unit	kg	44	44
Loading Q'ty		W/O Pipe	153	153
		W/Pipe		-
Technical Information		10.0		
SVC Valve	Liquid(A)	ODxL	Ø 6.35mmx7.5m	Ø 6.35mmx7.5m
	Gas(A)	ODxL	Ø 9.52mmx7.5m	Ø 9.52mmx7.5m
	Liquid(B or C)	ODxL	Ø 6.35mmx7.5m	Ø 6.35mmx7.5m
	Gas(B or C)	ODxL	Ø 9.52mmx7.5m	Ø 9.52mmx7.5m
Piping Length	STD	m	7.5	7.5
	Max	m	30	30
Piping Height	Max	m	7.5	7.5
Refrigerant		G	1,300	1,300
Add Refrigerant		g/m	10	10
Features				
Good Sleep II			•	•
Silver Coated Health System	Silver Coated Filter		•	•
	Silver Coated Evaporator		•	•
Pure and Clean Air	DNA Filter		-	-
	Pure Filter(HAF Filter)		÷	-
	Catechin Filter		•	•
	Deodorizing Filter		•	•
Operating Mode	Digital i Plus		÷	-
	Dehumidification		•	•
	Turbo Mode		•	•
	Timer		•	•
	Energy Saving Mode		-	-
	Auto Restart		•	•
	Auto Changeover		•	-
Convenience	Auto Wind	(5.)	4/0	•
	Airflow Control Steps(Coo		4/3	4/3
	Air Direction Control(Up/Di		AUTO	AUTO
	Air Direction Control(Left/F	light)	MANUAL	MANUAL
	Auto Grille		-	-
	Remote Controller		•	•
F1-	Auto Clean(Self cleaning)		- P-4(PLDO)	- D-t(DLDO)
Etc.	Compressor Type		Rotary(BLDC)	Rotary(BLDC)
Low Ambient	Cooling		-5~43	-5~43
	Heating °C		-15~24	-15~24

Capacity Combination Table

MH040FXEA2B (Cooling)

Number		Indoo	or Unit C	ombin	ation			Cooling	g Capa	city(W)		(Capacity	1	Powe	er Consur	nption		Current			
of Unit	Α	В	С	D	%	Total	Α	В	С	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A	EER	EG
	2000	-	-	-	51%	2000	2100	0	0	0	2100	1280	2100	2520	400	540	630	2.2	2.5	2.9	3.89	Α
1 Unit	2600	-	-	-	67%	2600	2600	0	0	0	2600	1280	2600	3120	400	750	880	2.2	3.4	4	3.47	Α
	3500	-	-	-	90%	3500	3500	0	0	0	3500	1300	3500	4200	400	1160	1240	2.2	5.3	5.7	3.02	В
	2000	2000	-	-	103%	4000	1950	1950	0	0	3900	1350	3900	4200	420	1160	1250	2.3	5.3	5.7	3.36	Α
	2000	2600	-	-	118%	4600	1700	2200	0	0	3900	1500	3900	4200	420	1140	1250	2.3	5.2	5.7	3.42	Α
2 Unit	2000	3500	-	-	141%	5500	1420	2480	0	0	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	Α
	2600	2600	-	-	133%	5200	1950	1950	0	0	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	Α
	2600	3500	-	-	156%	6100	1660	2240	0	0	3900	1500	3900	4200	440	1140	1250	2.4	5.2	5.7	3.42	Α
Multi Split (V	Vall Mount	ted Type)																				
	2000	3500	-	-	141%	5500	1418	2482	0	0	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	Α
2 Unit	2600	2600	-	-	133%	5200	1950	1950	0	0	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	Α

(Heating)

Number		Indoo	r Unit C	Combina	ation			Cooling	g Capa	city(W)		(Capacity	/	Powe	r Consun	nption		Current			
of Unit	Α	В	С	D	%	Total	Α	В	С	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A	COP	EG
	2200	-	-	-	50%	2200	2400	0	0	0	2400	1300	2400	2990	280	800	910	1.5	3.7	4.2	3.00	D
1 Unit	2900	-	-	-	66%	2900	3100	0	0	0	3100	1300	3100	3450	280	900	1080	1.5	4.1	4.9	3.44	В
	3800	-	-	-	86%	3800	3800	0	0	0	3800	1300	3800	4370	280	1160	1420	1.5	5.3	6.5	3.28	С
	2200	2200	-	-	100%	4400	2200	2200	0	0	4400	1500	4400	4700	300	1160	1390	1.6	5.3	6.4	3.79	Α
	2200	2900	-	-	116%	5100	1900	2500	0	0	4400	1500	4400	4700	300	1160	1420	1.6	5.3	6.5	3.79	Α
2 Unit	2200	3800	-	-	136%	6000	1610	2790	0	0	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	Α
	2900	2900	-	-	132%	5800	2200	2200	0	0	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	Α
	2900	3800	-	-	152%	6700	1900	2500	0	0	4400	1500	4400	4700	300	1120	1490	1.6	5.1	6.8	3.93	Α
Multi Split (V	/all Mount	ted Type)																				
2 Unit	2200	3800	-	-	136%	6000	1613	2787	0	0	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	Α
2 0/111	2900	2900	-	-	132%	5800	2200	2200	0	0	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	Α

MH050FXEA2B (Cooling)

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

(Heating)

Number		Indoo	r Unit (Combin	ation			Cooling	g Capa	city(W)		(Capacity	/	Powe	r Consun	nption		Current			
of Unit	Α	В	С	D	%	Total	Α	В	С	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A	COP	EG
	2200	-	-	-	39%	2200	2500	0	0	0	2500	1300	2500	2990	320	880	1010	1.7	4	4.6	2.84	D
	2900	-	-	-	51%	2900	2900	0	0	0	2900	1300	2900	3340	320	1030	1290	1.7	4.7	5.9	2.82	D
1 Unit	3800	-	-	-	67%	3800	3800	0	0	0	3800	1300	3800	4370	320	1300	1620	1.7	5.9	7.4	2.92	D
	5600	-	-	-	98%	5600	5400	0	0	0	5400	1450	5400	5600	340	1810	2060	1.8	8.3	9.4	2.98	D
	2200	2200	-	-	77%	4400	2200	2200	0	0	4400	1450	4400	4750	350	1220	1390	1.9	5.6	6.4	3.61	Α
	2200	2900	-	-	89%	5100	2200	2900	0	0	5100	1450	5100	5460	350	1410	1610	1.9	6.5	7.4	3.62	Α
	2200	3800	-	-	105%	6000	2090	3610	0	0	5700	1500	5700	6300	350	1520	1950	1.9	7	8.9	3.75	Α
2 Unit	2200	5600	-	-	137%	7800	1610	4090	0	0	5700	1500	5700	6400	350	1440	1830	1.9	6.6	8.4	3.96	Α
2 01111	2900	2900			102%	5800	2850	2850	0	0	5700	1500	5700	6300	350	1550	2060	1.9	7.1	9.4	3.68	Α
	2900	3800			118%	6700	2470	3230	0	0	5700	1500	5700	6300	350	1480	1940	1.9	6.8	8.9	3.85	Α
	2900	5600	-	-	149%	8500	1940	3760	0	0	5700	1500	5700	6400	350	1400	1830	1.9	6.4	8.4	4.07	Α
	3800	3800	-	-	133%	7600	2850	2850	0	0	5700	1500	5700	6300	350	1470	1890	1.9	6.7	8.6	3.88	Α

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

MH060FXEA3B (Cooling)

Number		Indo	or Unit (Combin	ation			Coolin	g Capac	ity(W)		1	Capacit	y	Powe	r Consun	nption		Current			
of Unit	Α	В	С	D	%	Total	Α	В	С	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A	EER	EG
	2000	-	-		34%	2000	2400	0	0	0	2400	1280	2400	2880	400	730	930	2.2	3.3	4.3	3.29	А
1 Unit	2600	-	-		44%	2600	2600	0	0	0	2600	1280	2600	3120	400	790	1010	2.2	3.6	4.6	3.29	Α
	3500	-	-		59%	3500	3500	0	0	0	3500	1280	3500	4200	400	1070	1370	2.2	4.9	6.3	3.27	Α
	5200	-	-		88%	5200	5200	0	0	0	5200	1300	5200	5800	400	1620	1900	2.2	7.4	8.7	3.21	Α
	2000	2000			68%	4000	2000	2000	0	0	4000	1300	4000	4800	420	1240	1480	2.3	5.7	6.8	3.23	Α
	2000	2600			78%	4600	2000	2600			4600	1300	4600	5520	420	1410	1680	2.3	6.5	7.7	3.26	А
	2000	3500			93%	5500	1910	3340			5250	1300	5250	6290	430	1550	1820	2.3	7.1	8.3	3.39	А
	2000	5200			122%	7200	1530				5500	1380	5500	6600	430	1580	1850	2.3	7.2	8.5	3.48	А
2 Unit	2600	2600			88%	5200	2600	2600			5200	1300	5200	5800	420	1620	1800	2.3	7.4	8.2	3.21	Α
	2600	3500			103%	6100	2260	3040			5300	1300	5300	6400	430	1550	1840	2.3	7.1	8.4	3.42	Α
	2600	5200			132%	7800	1970				5900	1380	5900	6800	430	1610	1880	2.3	7.4	8.6	3.66	А
	3500	3500			119%	7000	2735	2735			5470	1300	5450	6560	430	1570	1850	2.3	7.2	8.5	3.47	Α
	3500	5200			147%	8700	2370				5900	1380	5900	6800	440	1620	1880	2.4	7.4	8.6	3.64	А
	2000	2000	2000		102%	6000	1760	1760	1760	0	5280	1500	5280	6380	430	1550	1840	2.3	7.1	8.4	3.41	Α
	2000	2000	2600		112%	6600	1640	1640	2130	0	5410	1500	5400	6490	430	1560	1850	2.3	7.1	8.5	3.46	Α
	2000	2000	3500		127%	7500	1575	1575	2750	0	5900	1500	5900	6800	440	1610	1880	2.4	7.4	8.6	3.66	Α
2 Unit	2000	2600	2600		122%	7200	1520	1990	1990	0	5500	1500	5500	6600	430	1580	1850	2.3	7.2	8.5	3.48	Α
2 0111	2000	2600	3500		137%	8100	1460	1890	2550	0	5900	1500	5900	6800	440	1610	1880	2.4	7.4	8.6	3.66	Α
	2000	3500	3500		153%	9000	1320	2290	2290	0	5900	1500	5900	6800	440	1610	1880	2.4	7.4	8.6	3.66	Α
	2600	2600	2600		132%	7800	1967	1967	1966	0	5900	1500	5900	6800	440	1600	1880	2.4	7.3	8.6	3.69	Α
	2600	2600	3500		147%	8700	1765	1765	2370	0	5900	1500	5900	6800	440	1600	1880	2.4	7.3	8.6	3.69	Α

(Heating)

Number		Indo	or Unit C	ombin	ation			Coolin	g Capac	ity(W)			Capacit	у	Powe	er Consur	nption		Current			
of Unit	Α	В	С	D	%	Total	Α	В	С	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A	COP	EG
	2200	-	-	-	35%	2200	2500	0	0	0	2500	1300	2500	2990	350	880	1110	1.9	4	5.1	2.84	D
1 Unit	2900	-	-	-	46%	2900	2900	0	0	0	2900	1300	2900	3340	350	1030	1270	1.9	4.7	5.8	2.82	D
	3800	-	-	-	60%	3800	3800	0	0	0	3800	1300	3800	4370	350	1350	1660	1.9	6.2	7.6	2.81	D
	5600	-	-	-	89%	5600	5600	0	0	0	5600	1350	5600	6300	350	1820	1920	1.9	8.3	8.8	3.08	D
	2200	2200	-	-	70%	4400	2200	2200	0	0	4400	1400	4400	5060	350	1220	1510	1.9	5.6	6.9	3.61	Α
	2200	2900	-	-	81%	5100	2200	2900	0	0	5100	1400	5100	5870	350	1490	1830	1.9	6.8	8.4	3.42	В
	2200	3800	-	-	95%	6000	2050	3550	0	0	5600	1500	5600	6440	350	1640	1860	1.9	7.5	8.5	3.41	В
	2200	5600	-	-	124%	7800	1690	4310	0	0	6000	1500	6000	6900	350	1660	1860	1.9	7.6	8.5	3.61	Α
2 Unit	2900	2900	-	-	92%	5800	2900	2900	0	0	5800	1400	5800	6300	350	1700	1910	1.9	7.8	8.7	3.41	В
	2900	3800	-	-	106%	6700	2510	3290	0	0	5800	1500	5800	6770	350	1700	1900	1.9	7.8	8.7	3.41	В
	2900	5600	-	-	135%	8500	2150	4150	0	0	6300	1500	6300	7300	350	1740	1830	1.9	8	8.4	3.62	Α
	3800	3800	-	-	121%	7600	2950	2950	0	0	5900	1500	5900	6880	350	1730	1860	1.9	7.9	8.5	3.41	В
	3800	5600	-	-	149%	9400	2550	3750	0	0	6300	1500	6300	7300	350	1740	1830	1.9	8	8.4	3.62	Α
	2200	2200	2200	-	105%	6600	1930	1930	1930	0	5790	1500	5800	6760	350	1590	1840	1.9	7.3	8.4	3.65	Α
	2200	2200	2900	-	116%	7300	1780	1780	2370	0	5930	1500	5900	6840	350	1610	1840	1.9	7.4	8.4	3.66	Α
	2200	2200	3800	-	130%	8200	1690	1690	2920	0	6300	1500	6300	7300	350	1660	1830	1.9	7.6	8.4	3.80	Α
2 Unit	2200	2900	2900	-	127%	8000	1650	2180	2180	0	6010	1500	6000	6920	350	1590	1840	1.9	7.3	8.4	3.77	Α
	2200	2900	3800	-	141%	8900	1560	2050	2690	0	6300	1500	6300	7300	350	1630	1830	1.9	7.5	8.4	3.87	Α
	2200	3800	3800	-	156%	9800	1420	2440	2440	0	6300	1500	6300	7300	350	1560	1830	1.9	7.1	8.4	4.04	Α
	2900	2900	2900	-	138%	8700	2100	2100	2100	0	6300	1500	6300	7300	350	1650	1830	1.9	7.6	8.4	3.82	Α
	2900	2900	3800	-	152%	9600	1900	1900	2500	0	6300	1500	6300	7300	350	1400	1830	1.9	6.4	8.4	4.50	Α

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

Capacity Combination Table

MH070FXEA4B (Cooling)

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

Notes

Due to ongoi 1g improvement on products, specifications may change without prior notice.

MH070FXEA4B (Heating)

Number		Indo	or Unit	Combin	ation			Coolin	ig Capa	city(W)			Capacit	у	Powe	er Consu	nption		Current	t		
of Unit	Α	В	С	D	%	Total	Α	В	С	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A	COP	EG
	2200	-	-		26%	2200	2500	0	0	0	2500	1790	2500	3220	580	950	1330	2.7	4.3	6.1	2.63	Е
1 Unit	2600	-	-		30%	2600	2900	0	0	0	2900	1820	2900	3680	590	1100	1500	2.7	5	6.9	2.64	Е
1 Offic	3800	-	-		44%	3800	3800	0	0	0	3800	1930	3800	4600	600	1250	1810	2.7	5.7	8.3	3.04	D
	5600	-	-		65%	5600	5600	0	0	0	5600	2080	5600	6440	610	1670	2370	2.8	7.6	10.8	3.35	С
	2200	2200			51%	4400	2200	2200			4400	1980	4400	5060	600	1220	1530	2.7	5.6	7	3.61	А
	2200	2900			59%	5100	2200	2900			5100	2040	5100		610	1410	1700	2.8	6.5	7.8	3.62	А
	2200	3800			70%	6000	2200	3800			6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41	В
	2200	5600			91%	7800	2200	5600			7800	2200	7800	9130	620	2150	2700	2.8	9.8	12.4	3.63	Α
2 Unit	2900	2900			67%	5800	2900	2900			5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63	Α
	2900	3800			78%	6700	2900	3800			6700	2170	6700	8040	610	1940	2330	2.8	8.9	10.7	3.45	В
	2900	5600			99%	8500	2730	5270			8000	2200	8000	9600	620	2210	2650	2.8	10.1	12.1	3.62	А
	3800	3800			88%	7600	3800	3800			7600	2200	7600	9120	620	2100	2510	2.8	9.6	11.5	3.62	А
	3800	5600			109%	9400	3280	4840			8120	2200	8120	9740	620	2250	2700	2.8	10.3	12.4	3.61	Α
	5600	5600			130%	11200	4250	4250			8500	2200	8500	10200	620	2250	2740	2.8	10.3	12.5	3.78	Α
	2200	2200	2200		77%	6600	2200	2200	2200	0	6600	2170	6600	7590	610	1830	2530	2.8	8.4	11.6	3.61	Α
	2200	2200	2900		85%	7300	2200	2200	2900	0	7300	2200	7300	8400	620	1880	2590	2.8	8.6	11.9	3.88	Α
	2200	2200	3800		95%	8200	2200	2200	3800	0	8200	2200	8200	9590	620	1930	2660	2.8	8.8	12.2	4.25	Α
	2200	2200	5600		116%	10000	1890	1890	4820	0	8600	2200	8600	10300	620	1960	2700	2.8	9	12.4	4.39	Α
	2200	2900	2900		93%	8000	2200	2900	2900	0	8000	2200	8000	9360	620	1900	2620	2.8	8.7	12	4.21	Α
	2200	2900	3800		103%	8900	2040	2690	3530	0	8260	2200	8260	9670	620	1930	2660	2.8	8.8	12.2	4.28	Α
3 Unit	2200	2900	5600		124%	10700	1770	2330	4500	0	8600	2200	8600	10300	620	1970	2720	2.8	9	12.4	4.37	А
	2200	3800	3800		114%	9800	1880	3230	3230	0	8340	2200	8340	9760	620	1950	2690	2.8	8.9	12.3	4.28	А
	2200	3800	5600		135%	11600	1630	2820	4150	0	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	А
	2900	2900	2900		101%	8700	2750	2750	2750	0	8250	2200	8250	9650	620	1930	2660	2.8	8.8	12.2	4.27	А
	2900	2900	3800		112%	9600	2515	2515	3300	0	8330	2200	8330	9740	620	1950	2690	2.8	8.9	12.3	4.27	Α
	2900	2900	5600		133%	11400	2190	2190	4220	0	8600	2200	8600	10300	620	1980	2730	2.8	9.1	12.5	4.34	A
	2900	3800	3800		122%	10500	2380	3110	3110	0	8600	2200	8600	10300	620	1980	2730	2.8	9.1	12.5	4.34	A
	3800	3800	3800	-	133%	11400	2870	2870	2870	0	8610	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	A
	2200	2200	2200	2200	102%	8800	2060	2060	2060	2060	8240	2200	8250	9660	620	1930	2660	2.8		12.2	4.27	A
	2200	2200	2200	2900	110%	9500	1930	1930	1930	2540		2200		9730	620	1950	2690	2.8	8.9	12.3	4.27	A
	2200	2200	2200	3800	121%	10400	1820	1820	1820	3140	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	A
	2200	2200	2900	2900	119%	10200	1850	1850	2450	2450	8600	2200	8600	10300	620	1970	2720	2.8	9	12.4	4.37	A
4 Unit	2200	2200	2900	3800	129%	11100	1700	1700	2250	2940	8590	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	A
	2200	2900	2900	2900	127%	10900	1740	2290	2290	2290	8610	2200	8600	10300	620	2000	2760 2760	2.8	9.2	12.6 12.6	4.30	A
	2200	2900	2900	3800	137%	11800	1600 2150	2110 2150	2110 2150	2770 2150	8590 8600	2200	8600 8600	10300	620 620	2000	2760	2.8	9.2	12.6		A
	2900	2900	2900	2900	135%	11600	2100	2100	2100	2100	9000	2200	8000	10300	020	2000	2760	2.0	9.2	12.0	4.30	A

Note

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Capacity Combination Table

MH080FXEA4B (Cooling)

Number		Indo	or Unit	Combin	ation			Coolin	ig Capa	city(W)			Capacit	/	Powe	er Consur	nption		Current			
of Unit	Α	В	С	D	%	Total	Α	В	С	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A	EER	EG
	2000	_	_	_	25%	2000	2400	0	0	0	2400	1470	2400	3000	380	780	950	1.7	3.6	4.3	3.08	В
4.11.5	2600	_	-	_	33%	2600	2600	0	0	0	2600	1520	2600	3480	390	840	1100	1.8	3.8	5	3.10	В
1 Unit	3500	_	-	-	44%	3500	3500	0	0	0	3500	1600	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10	В
	5200	-	-	-	65%	5200	5200	0	0	0	5200	1750	5200	6240	420	1520	2160	1.9	7	9.9	3.42	А
	2000	2000	-	-	50%	4000	2000	2000	0	0	4000	1640	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23	А
	2000	2600	-	-	58%	4600	2000	2600	0	0	4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22	А
	2000	3500	-	-	69%	5500	2000	3500	0	0	5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22	Α
	2000	5200	-	-	90%	7200	2000	5200	0	0	7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21	Α
2 Unit	2600	2600	-	-	65%	5200	2600	2600	0	0	5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13	В
	2600	3500	-	-	76%	6100	2600	3500	0	0	6100	1820	6100	7320	440	1900	2260	2	8.7	10.3	3.21	Α
	2600	5200	-	-	98%	7800	2400	4800	0	0	7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21	Α
	3500	3500	-	-	88%	7000	3500	3500	0	0	7000	1900	7000	8400	580	2180	2620	2.7	10	12	3.21	A
	3500	5200	-	-	109%	8700	2960	4390	0	0	7350 7660	1900	7350	8820 9180	580 580	2290	2750 2860	2.7	10.5 10.9	12.6 13.1	3.21	A
	5200 2000	5200 2000	2000	-	130% 75%	10400	3830	3830	2000	0	6000	1810	7650 6000	7200	440	1850	2310	2.1	8.5	10.6	3.24	A
	2000	2000	2600	_	83%	6600	2000	2000	2600	0	6600	1870	6600	7920	440	2000	2500	2	9.2	11.4	3.30	A
	2000	2000	3500	_	94%	7500	2000	2000	3500	0	7500	1900	7500	9000	580	2220	2780	2.7	10.2	12.7	3.38	Α
	2000	2000	5200	-	115%	9200	1660	1660	4320	0	7640	1900	7650	9180	580	2190	2730	2.7	10	12.5	3.49	А
	2000	2600	2600	-	90%	7200	2000	2600	2600	0	7200	1900	7200	8640	580	2150	2680	2.7	9.8	12.3	3.35	Α
	2000	2600	3500	-	101%	8100	1860	2420	3260	0	7540	1900	7550	9060	580	2150	2690	2.7	9.8	12.3	3.51	А
	2000	2600	5200	-	123%	9800	1570	2050	4090	0	7710	1900	7710	9250	580	2190	2730	2.7	10	12.5	3.52	Α
	2000	3500	3500	-	113%	9000	1700	2970	2970	0	7640	1900	7640	9160	580	2190	2730	2.7	10	12.5	3.49	Α
3 Unit	2000	3500	5200	-	134%	10700	1500	2620	3890	0	8010	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54	Α
	2600	2600	2600	-	98%	7800	2510	2510	2510	0	7530	1900	7530	9030	580	2110	2640	2.7	9.7	12.1	3.57	Α
	2600	2600	3500	-	109%	8700	2270	2270	3060	0	7600	1900	7610	9130	580	2140	2690	2.7	9.8	12.3	3.56	Α
	2600	2600	5200	-	130%	10400	1940	1940	3880	0	7760	1900	7760	9300	580	2210	2780	2.7	10.1	12.7	3.51	A
	2600	3500	3500	-	120%	9600	2080	2800	2800	0	7680	1900	7690	9230	580	2180	2730	2.7	10	12.5	3.53	A
	2600 3500	3500 3500	5200 3500	-	141%	11300	1840 2670	2480 2670	3680 2670	0	8000 8010	1900	8000	9300	580 580	2260 2260	2870 2820	2.7	10.3 10.3	13.1 12.9	3.54	A A
	3500	3500	5200	-	153%	12200	2300	2300	3410	0	8010	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48	A
	2000	2000	2000	2000	100%	8000	1890	1890	1890	1890	7560	1900	7550	9050	580	2140	2690	2.7	9.8	12.3	3.53	A
	2000	2000	2000	2600	108%	8600	1770	1770	1770	2300	7610	1900	7600	9120	580	2140	2690	2.7	9.8	12.3	3.55	А
	2000	2000	2000	3500	119%	9500	1620	1620	1620	2830	7690	1900	7680	9220	580	2180	2730	2.7	10	12.5	3.52	А
	2000	2000	2000	5200	140%	11200	1430	1430	1430	3710	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	Α
	2000	2000	2600	2600	115%	9200	1660	1660	2160	2160	7640	1900	7650	9180	580	2190	2730	2.7	10	12.5	3.49	А
	2000	2000	2600	3500	126%	10100	1530	1530	1990	2680	7730	1900	7730	9280	580	2200	2780	2.7	10.1	12.7	3.51	Α
4 Unit	2000	2000	2600	5200	148%	11800	1360	1360	1760	3530	8010	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	Α
	2000	2000	3500	3500	138%	11000	1450	1450	2550	2550	8000	1900	8000	9300	580	2280	2870	2.7	10.4	13.1	3.51	Α
		2600			123%		1570			2050	7720			9250	580	2190	2730	2.7	10	12.5	3.52	А
	2000		2600	3500		10700	1500	1940	1940	2620	8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54	A
	2000		3500	3500		11600	1380	1790	2410	2410	7990	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A
	2600		2600			10400	1940	1940	1940	1940	7760	1900	7760	9300	580	2220	2780	2.7	10.2	12.7	3.50	A
	2600		2600	3500		11300	1840	1840	1840	2480	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A
	2600	2600	3500	3500	153%	12200	1700	1700	2300	2300	8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48	А

Notes

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

MH080FXEA4B (Heating)

Number		Indo	or Unit (Combina	ation			Coolin	ng Capa	city(W)			Capacit	У	Powe	er Consur	nption		Current			
of Unit	Α	В	С	D	%	Total	Α	В	С	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min.	Nom. A	Max. A	COP	EG
	2200	_	_	_	24%	2200	2500	0	0	0	2500	1790	2500	3220	580	950	1330	2.7	4.3	6.1	2.63	Е
	2900	_	_	_	31%	2900	2900	0	0	0	2900	1820	2900	3680	590	1110	1500	2.7	5.1	6.9	2.61	E
1 Unit	3800	_	_	_	41%	3800	3800	0	0	0	3800	1930	3800	4600	600	1250	1810	2.7	5.7	8.3	3.04	D
	5600	-	-	-	60%	5600	5600	0	0	0	5600	2080	5600	6440	610	1670	2370	2.8	7.6	10.8	3.35	С
	2200	2200	-	-	47%	4400	2200	2200	0	0	4400	1980	4400	5060	600	1220	1530	2.7	5.6	7	3.61	А
	2200	2900	-	-	55%	5100	2200	2900	0	0	5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62	А
	2200	3800	-	-	65%	6000	2200	3800	0	0	6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41	В
	2200	5600	-	-	84%	7800	2200	5600	0	0	7800	2200	7800	9130	620	2150	2580	2.8	9.8	11.8	3.63	Α
2 Unit	2900	2900	-	-	62%	5800	2900	2900	0	0	5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63	А
	2900	3800	-	-	72%	6700	2900	3800	0	0	6700	2170	6700	7710	610	1940	2330	2.8	8.9	10.7	3.45	В
	2900	5600	-	-	91%	8500	2730	5270	0	0	8000	2200	8000	9360	620	2210	2600	2.8	10.1	11.9	3.62	Α
	3800	3800	-	-	82%	7600	3800	3800	0	0	7600	2200	7600	8740	620	2090	2510	2.8	9.6	11.5	3.64	Α
	3800	5600	-	-	101%	9400	3280	4840	0	0	8120	2200	8120	9500	620	2250	2650	2.8	10.3	12.1	3.61	А
	5600	5600	-	-	120%	11200	4250	4250	0	0	8500	2200	8500	9950	620	2340	2750	2.8	10.7	12.6	3.63	Α
	2200	2200	2200	-	71%	6600	2200	2200	2200	0	6600	2170	6600	7590	610	1830	2220	2.8	8.4	10.2	3.61	A
	2200	2200	2900	-	78%	7300	2200	2200	2900	0	7300	2200	7300	8400 9590	620	1950	2340	2.8	8.9	10.7	3.74	A
	2200	2200	3800 5600	-	88% 108%	8200 10000	2200 1900	2200 1900	3800 4830	0	8200 8630	2200	8200 8620	10090	620 620	2150 2140	2570 2610	2.8	9.8	11.8	4.03	A
	2200	2900	2900		86%	8000	2200	2900	2900	0	8000	2200	8000	9360	620	2080	2500	2.8	9.5	11.4	3.85	A
	2200	2900	3800	_	96%	8900	2110	2780	3640	0	8530	2200	8530	9980	620	2100	2690	2.8	9.6	12.3	4.06	Α
	2200	2900	5600	-	115%	10700	1780	2350	4540	0	8670	2200	8680	10150	620	2140	2740	2.8	9.8	12.5	4.06	А
	2200	3800	3800	-	105%	9800	1930	3330	3330	0	8590	2200	8600	10070	620	2140	2740	2.8	9.8	12.5	4.02	А
3 Unit	2200	3800	5600	-	125%	11600	1760	3050	4490	0	9300	2200	9300	10900	620	2150	2750	2.8	9.8	12.6	4.33	А
	2900	2900	2900	-	94%	8700	2840	2840	2840	0	8520	2200	8520	9960	620	2090	2680	2.8	9.6	12.3	4.08	А
	2900	2900	3800	-	103%	9600	2590	2590	3400	0	8580	2200	8590	10050	620	2100	2690	2.8	9.6	12.3	4.09	Α
	2900	2900	5600	-	123%	11400	2370	2370	4570	0	9310	2200	8750	10900	620	2140	2740	2.8	9.8	12.5	4.09	Α
	2900	3800	3800	-	113%	10500	2390	3130	3130	0	8650	2200	8660	10130	620	2140	2740	2.8	9.8	12.5	4.05	Α
	2900	3800	5600	-	132%	12300	2190	2870	4230	0	9290	2200	9300	10900	620	2150	2750	2.8	9.8	12.6	4.33	Α
	3800	3800	3800	-	123%	11400	2910	2910	2910	0	8730	2200	8730	10220	620	2150	2750	2.8	9.8	12.6	4.06	Α
	3800	3800	5600	-	142%	13200	2680	2680	3950	0	9310	2200	9300	10900	620	2180	2790	2.8	10	12.8	4.27	Α
	2200	2200	2200	2200	95%	8800	2130	2130	2130	2130	8520	2200	8520	9970	620	2100	2690	2.8	9.6	12.3	4.06	Α .
	2200	2200	2200	2900	102%	9500	1990	1990	1990	2620	8590	2200	8580	10040	620	2100	2690	2.8	9.6	12.3	4.09	A
	2200	2200	2200	3800 5600	112% 131%	10400	1830 1680	1830 1680	1830 1680	3160 4270	8650 9310	2200	8650 9300	10120	620 620	2140	2740 2820	2.8	9.8	12.5 12.9	4.04	A
	2200	2200	2900	2900	110%	10200	1860	1860	2460	2460	8640	2200	8640	10100	620	2140	2740	2.8	9.8	12.5	4.04	A
	2200	2200	2900	3800	119%	11100	1730	1730	2280	2980	8720	2200	8710	10190	620	2140	2740	2.8	9.8	12.5	4.07	Α
	2200	2200	2900	5600	139%	12900	1590	1590	2090	4040	9310	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A
4 Unit	2200		3800	3800			1610		2780		8780		8780	10270	620	2180	2790	2.8	10	12.8	4.03	Α
	2200		2900			10900					8680			10170	620	2140		2.8	9.8	12.5	4.06	А
	2200	2900	2900			11800			2150	2820	8750	2200		10250	620	2180		2.8	10	12.8	4.02	А
	2200	2900	3800	3800	137%	12700	1610	2120	2780	2780	9290	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	А
	2900	2900	2900	2900	125%	11600	2190	2190	2190	2190	8760	2200	8750	10240	620	2140	2740	2.8	9.8	12.5	4.09	Α
	2900	2900	2900	3800	134%	12500	2160	2160	2160	2830	9310	2200	9300	10900	620	2180	2790	2.8	10	12.8	4.27	А
	2900	2900	3800	3800	144%	13400	2010	2010	2640	2640	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	А

Notes

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











MODEL NO.	Mecha	nical	AW05N*M8	AW06N*M8	AW08N*M8	AW10N*M8
	Electr	onic				
	Electro	onic(ES)				
AREA				N.An	nerica	
			CO	CO	00	CO
Air Discharge						
	Voltage/Hz/Phase	V/Hz/ø	115/60/1	115/60/1	115/60/1	115/60/1
Performance						
Capacity	Cooling	Btu/hr.	5,050	6,000	8,000	10,000
		Kcal/hr	1273	1512	2016	2520
		kW	1.48	1.76	2.34	2.93
Energy Efficiency		Energy Grade				
		EER(Btu/W)	9.7	9.7	9.8	9.8
Moisture Removal		Pts / hr	1.4	1.7	2.2	3
Air Circulation (Max)		CFM	130	150	220	220
Noise Level	In/Out	dB	55/58	56/58	59/61	58/62
Power Consumption(W)			520	620	820	1020
Operating Current(A)			4.7	5.6	7.4	9.4
eatures						
Air Cleaning System	Anti Bacteria Filter		•	•	•	•
Silver Nano Health System™	Silver Nano Filter					
•	Silver Nano Evaporator					
Operating Mode	Temperature Control		Mech	Mech	Mech	Mech
	Good Sleep					
	Timer					
	Energy Saving Mode					
	Auto Restart					
Convenience	Rust Free Cabinet		•	•	•	•
	Ventilation Cotnrol		•	•	•	•
	Washable Grille		•	•	•	•
	Easy to Acess Filter		•	•	•	•
	Auto Swing					
	Air Diflection		2-Way	2-Way	2-Way	4-Way
	Air Flow Control Steps (Cool/	-an)	2/2	2/2	3/2	3/2
	Air Discharge		Тор	Top	Тор	Top
	Air Ventilation				•	•
	Slide in/out					•
	Remote Controller					
	Compressor type		Rotary	Rotary	Rotary	Rotary
Size	Net Weight(Pounds)		35.7	39.6	50	64
OLO .	Shipping Weight(Pounds)		40.8	44	57	73
	Net Dimension,inch(W)		17 1/8	16 3/4	19 7/24	19 2/3
	Net Dimension,inch((with Grill	2 D)	12 5/6	13 1/2	18 1/9	18 1/9
	Net Dimension,inch(H)	5,0)	11 1/7	12 2/9	12 3/5	14
	1401 DITTICHSIOTI,ITIOTI(11)		11 1/1	12 2/3	460/552	149

W12N*M8	AW14N*M8	AW18N*M8					
			AW05N*B8	AW06N*B8	AW08N*B8	AW10N*B8	AW12N*B8
			N. A.	i			
00	00	00		merica	20	20	
00	00	CO	CO	CO	CO	00	00
115/60/1	115/60/1	230-208/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
12,000	13,800	17900/17400	5,050	6,000	8,000	10,000	12,000
3024	3478	4511/4385	1273	1512	2016	2520	3024
3.52	4.04	5.25/5.10	1.48	1.76	2.34	2.93	3.52
9.8	9.8	9.7	9.7	9.7	9.8	9.8	9.8
3.4	9.0	5	1.4	1.7	2.2	3	3.4
280	310	470	130	150	2.2	220	280
59/64	59/64	62/68	55/58	56/58	59/61	58/62	59/64
1230	1,410	1850/1800	520	620	820	1020	1230
	12	8.2/8.6	4.7	5.6	7.4	9.4	11.2
11.4	IZ	0.2/0.0	4.7	0.0	1.4	9.4	11.2
•	•	•	•	•	•	•	•
Mech	Mech	Mech	•	•	•	•	•
			•	•	•	•	•
			•	•	•	•	•
			•	•	•	•	•
			•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
4-Way	4-Way	4-Way	2-Way	2-Way	2-Way	4-Way	4-Way
3/2	3/2	3/2	3/3	3/3	3/3	3/3	3/3
Тор	Тор	Тор	Тор	Тор	Тор	Тор	Тор
•	•	•			•	•	•
•	•	•				•	•
			•	•	•	•	•
Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
71	81	120.2	35.7	39.6	50	64	71
82	92	133	40.8	44	57	73	82
22	22	24 2/5	17 1/8	16 3/4	19 7/24	19 2/3	22
21 2/3	22	25 1/5	12 5/6	13 1/2	18 1/9	18 1/9	21 2/3
14 4/7	15 1/2	16 3/4	11 1/7	12 2/9	12 3/5	14	14 4/7
282/339	282/285	204/255	912/1043	810/931	460/552	456/460	282/339











MODEL NO.		chanical					
	Ele	ctronic	AW14N*B8	AW18N*B8			
	Ele	ctronic(ES)			AW05E*B8	AW05E*B8	AW06E*B8
AREA					N.America		
			CO	CO		CO	00
Air Discharge							
	Voltage/Hz/Phase	V/Hz/ø	115/60/1	230-208/60/1	115/60/1	115/60/1	115/60/1
Performance							
Capacity	Cooling	Btu/hr.	13,800	17900/17400	5,250	5,250	6,000
		Kcal/hr	3478	4511/4385	1323	1323	1512
		kW	4.04	5.25/5.10	1.54	1.54	1.76
Energy Efficiency		Energy Grade			Energy Star	Energy Star	Energy Star
		EER(Btu/W)	9.8	9.7	10.7	10.7	10.7
Moisture Removal		Pts / hr	4	5	1.3	1.3	1.6
Air Circulation (Max)		CFM	310	470	180	180	180
Noise Level	In/Out	dB	59/64	62/68	55/59	58/60	53/57
Power Consumption(W)			1,410	1850/1800	490	490	560
Operating Current(A)			12	8.2/8.6	4.6	4.6	5
eatures							
Air Cleaning System	Anti Bacteria Filter		•	•		•	•
Silver Nano Health System™	Silver Nano Filter						
	Silver Nano Evaporator						
Operating Mode	Temperature Control		•	•	•	•	•
3	Good Sleep		•	•	•	•	•
	Timer		•	•	•	•	
	Energy Saving Mode		•	•	•		
	Auto Restart		•	•	•	•	
Convenience	Rust Free Cabinet		•	•	•	•	•
CONVENIENCE	Ventilation Cotnrol		•	•	•	•	•
	Washable Grille		•	•	•	•	•
	Easy to Acess Filter		•	•	•	•	•
	Auto Swing		<u> </u>		-		
	Air Diflection		4-Way	4-Way	2-Way	2-Way	2-Way
	Air Flow Control Steps (C	ool/Ean)	3/3	3/3	3/3	3/3	3/3
	Air Discharge	00/1 (11)	Тор	Тор	Тор	Тор	Top
	Air Ventilation		•	10p	•	10p	10p
	Slide in/out		•	•	•	-	
	Remote Controller		•	•	•	•	•
Size	Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
SIZE	Net Weight(Pounds)		81	120.2	40.8	47	40.8
	Shipping Weight(Pounds)		92	133	47.4	53	47.4
	Net Dimension,inch(W)	O.:II- D)	22	24 2/5	17 4/5	19 7/24	17 4/5
	Net Dimension,inch((with	Grille,D)	22	25 1/5	14 4/7	18 1/9	14 4/7
	Net Dimension,inch(H)		15 1/2	16 3/4	12 1/5	12 3/5	12 1/5
	Loading Q'ty(40/40ft HI)		282/285	204/255	690/805	460/552	690/805

AW06E*B8	AW08E*B8	AW10E*B8	AW12E*B8	AW14E*B8	AW15E*B8	AW18E*B8	AW24E*B8	AW25E*B
				N.America				
	00	CO	CO	00	CO	CO	CO	CO
115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	230-208/60/1	230-208/60/1	230-208/60/
6,000	8,000	10,500	12,000	14,300	14,700	18000/17600	23700/23100	24500/2500
1512	2016	2646	3024	3604	3705	4536/4435	5973/5822	6174/6300
1.76	2.34	3.08	3.52	4.19	4.31	5.28/5.16	6.59/6.77	7.18/7.33
Energy Star	Energy Star	Energy Sta						
10.7	10.8	10.8	10.8	10.7	10.7	10.7	9.4	9.4
1.6	1.9	2.8	3.4	3.8	4	5	7.4	7
180	240	280	310	360	350	470	540	600
58/60	55/58	55/59	55/59	61/67	58/63	60/66	64/68	62/68
560	740	970	1,110	1,330	1,380	1690/1650	2520/2460	2600/2660
5	6.8	8.6	10.3	12	12	7.6/8.3	11.5/12.0	12.8/12.0
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
							•	•
2-Way	4-Way	4-Way	4-Way	4-Way	4-Way	4-Way	4-Way	4-Way
3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
Тор	Side	Тор						
•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
Rotary	Rotary	Rotary						
48	54	69.5	80.9	101	101	108.2	127.4	131.4
54	63.3	81.6	92.2	115.3	115.3	122.6	143	148.8
19 7/24	19 2/3	22	22	24 2/5	24 2/5	24 2/5	24 2/5	26
18 1/9	18 1/9	21 2/3	22	25 1/5	25 1/5	25 1/5	25 1/5	28 1/7
12 3/5	14	14 4/7	15 1/2	16 3/4	16 3/4	16 3/4	16 3/4	17 5/7
460/552	456/460	282/339	282/285	204/255	204/255	204/255	204/255	187/188











MODEL NO.	Mecl	nanical	AW05N0AB	AW08N0AB		
	Elect	ronic			AW08NHAB	AW08NHAF
AREA				La	tin America	
			CO	C0	CO	CO
Air Discharge			TOP	TOP	TOP	TOP
	Voltage/Hz/Phase	V/Hz/ø	115/60/1	115/60/1	115/60/1	115/60/1
Performance	•					
Capacity	Cooling	Btu/hr.	5,050	8000	8000	8000
		Kcal/hr	1,273	2,016	2,016	2,016
		kW	1.48	2.34	2.34	2.34
	Heating	Btu/hr°§W	-	-	-	-
		Kcal/hr	-	-	-	-
		kW	-	-	-	-
Energy Efficiency	Cooling	EER(Btu/W)	9.7	9.8	9.8	10.5
	Heating	COP(W/W)	-	-	-	-
Moisture Removal		l/hr	0.8	1.0	1.0	1.1
Air Circulation (Max)		m³/min	3.6	6.5	6.5	7
Noise Level	In/Out	dB(A)	55/59	59/61	59/61	59/61
Power Consumption	Cooling	W	520	820	820	760
	Heating	W	-	-	-	
Operating Current	Cooling	А	4.7	7.4	7.4	6.7
	Heating	А	-	-	-	
Features						
Air Cleaning System	Anti Bacteria Filter		•	•	•	•
Silver Nano Health System™	Silver Nano Filter		•	•	•	•
	Silver Nano Evaporator		-	-	-	-
Operating Mode	Temperature Control		•	•	•	•
	Good Sleep		-	-	•	•
	Timer		-	-	24Hr	24Hr
	Energy Saving Mode		-	-	-	-
Convenience	Auto Restart		-	-	-	-
	Auto Swing (Left & Right)		-	-	-	-
	Air Diflection		2 way	2 way	2way	2way
	Air Flow Control Steps (Coo	I/Fan)	2/2	3/2	3/3	3/3
	Air Discharge		TOP	TOP	TOP	TOP
	Air Ventilation		-	•	•	•
	Slide in/out		-	-	-	•
	Remote Controller		-	-	•	•
	Remote Controller (LCD)		-	-	-	-
	Compressor type		ROTARY	ROTARY	ROTARY	ROTARY
Loading Q'ty / Installation						
Size	Net Weight		16.2	22	22	28.5
	Net Dimension(W*H*D)		435*283*326	490*320*460	490*320*460	560*370*550
	Loading Q'ty(20/40/40ft HI)		441/912/1043	220/460/552	220/460/552	135*282*339

						AW18P1BC	
AW12PKAC	AW12PKBC	AW12PKAB	AW12PKBB	AW12PKAF	AW12PKBF		AW18PKBC
			Latin A	America			
00	CO	CO	00	CO	CO	CO	CO
Side							
115/60/1	220/60/1	115/60/1	220/60/1	115/60/1	220/60/1	220/60/1	220/60/1
12,000	12,000	12,000	12,000	12,000	12,000	18,000	18,000
3,024	3,024	3,024	3,024	3,024	3,024	4,536	4,536
3.52	3.52	3.52	3.52	3.52	3.52	5.28	5.28
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
9.8	9.8	10.8	10.8	10.5	10.5	9.70	9.70
-	-	-	-	-	-	-	-
1.3	1.3	1.3	1.3	1.3	1.3	1.7	1.7
8.4	8.4	8.4	8.4	7	7.5	11.3	11.3
56/64	56/64	56/64	56/64	58/66	58/66	63/66	63/66
1230	1230	1110	1110	1140	1140	1850	1850
-	-	-	-	-	-	-	-
11.2	5.5	10.0	5.2	10.2	5.2	8.1	8.1
-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•
•	•	•	•	•	•	-	•
24Hr	24Hr	24Hr	24Hr	24Hr	24Hr	=	24Hr
-	-	-	-	-	-	-	-
•	•	•	•	•	•	-	•
•	•	•	•	•	•	•	•
4 way							
3/3	3/3	3/3	3/3	3/3	3/3	3/2	3/3
Side							
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	-	•
-	-	-	-	-	-	-	-
ROTARY							
34.5	34.5	34.5	34.5	44.7	44.5	50	50
560*394*558	560*394*558	560*394*558	560*394*558	620*425*640	620*425*640	620*425*640	620*425*640
135/282/285	135/282/285	135/282/285	135/282/285	96/204/255	96/204/255	96/204/255	96/204/255











MODEL NO.	Mech	Mechanical		AW24P1BC		AW05N0AD	
	Elect	ronic	AW18PKBF		AW24PKBC		
AREA				Latin	America		
			CO	CO	CO	CO	
Air Discharge			Side	Side	Side	TOP	
	Voltage/Hz/Phase	V/Hz/ø	220/60/1	220/60/1	220/60/1	115/60/1	
Performance							
Capacity	Cooling	Btu/hr.	18,000	24,000	24,000	5,050	
		Kcal/hr	4,536	6,048	6,048	1,273	
		kW	5.28	7.03	7.03	1.48	
	Heating	Btu/hr°§W	-	-	-	-	
		Kcal/hr	-	-	-	-	
		kW	-	-	-	-	
Energy Efficiency	Cooling	EER(Btu/W)	10.20	8.50	8.50	8.9	
	Heating	COP(W/W)	-	-	-	-	
Moisture Removal		l/hr	1.5	2.6	2.6	0.8	
Air Circulation (Max)		m³/min	13.0	13.4	13.4	3.6	
Noise Level	In/Out	dB(A)	62/68	66/69	66/69	55/59	
Power Consumption	Cooling	W	1765	2820	2820	560	
	Heating	W		-	-	-	
Operating Current	Cooling	А	7.8	12.5	12.5	5.0	
	Heating	А		-	-	-	
Features							
Air Cleaning System	Anti Bacteria Filter		•	•	•	•	
Silver Nano Health System™	Silver Nano Filter		•	•	•	•	
	Silver Nano Evaporator		-	-		-	
Operating Mode	Temperature Control		•	•	•	•	
	Good Sleep		•	-	•	-	
	Timer		24Hr	-	24Hr	-	
	Energy Saving Mode		-	-	-	-	
Convenience	Auto Restart		•	÷	•	÷	
	Auto Swing (Left & Right)		•	•	•	-	
	Air Diflection		4 way	4 way	4 way	2 way	
	Air Flow Control Steps (Cool	/Fan)	3/3	3/2	3/3	2/2	
	Air Discharge		Side	Side	Side	TOP	
	Air Ventilation		•	•	•	-	
	Slide in/out		•	•	•	-	
	Remote Controller		•		•	-	
	Remote Controller (LCD)			-		-	
	Compressor type		ROTARY	ROTARY	ROTARY	ROTARY	
_oading Q'ty / Installation							
Size	Net Weight		53.5	51.8	51.8	16.2	
	Net Dimension(W*H*D)		660*425*730	620*425*640	620*425*640	435*283*326	
	Loading Q'ty(20/40/40ft HI)		84/168/210	96/204/255	96/204/255	441/912/1043	

AW08N0AD	AW12P0AC	AW12P0BC		AW14P1BD		AW05N0AE	AW08N0AE
			AW12PHBC		AW14PHBD		
			Latin A	America			
C0	00	CO	00	CO	CO	CO	CO
TOP	Side	Side	Side	Side	Side	TOP	TOP
115/60/1	115/60/1	220/60/1	220/60/1	220/60/1	220/60/1	115/60/1	115/60/1
8000	12,000	12,000	12,000	14,000	14,000	5,050	8000
2,016	3,024	3,024	3,024	3,528	3,528	1,273	2,016
2.34	3.52	3.52	3.52	4.10	4.10	1.48	2.34
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
9.8	9.0	9.0	9.0	10.00	10.00	8.9	9.8
-	-	-	-	-	-	-	-
1.0	1.3	1.3	1.3	1.5	1.5	0.8	1.0
6.5	8.0	8.0	8.0	9.9	9.9	3.6	6.5
59/61	56/64	56/64	56/64	60/67	60/67	55/59	59/61
820	1330	1330	1330	1400	1400	560	820
-	-	-	-	-	-	-	-
7.4	11.8	5.8	5.8	6.4	6.4	5.0	7.4
-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•
-	-	-	•	-	•	-	-
-	-	-	24Hr	-	24Hr	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	٥	•	•	-	-
2 way	4 way	2 way	2 way				
3/2	3/2	3/2	3/3	3/2	3/3	2/2	3/2
TOP	Side	Side	Side	Side	Side	TOP	TOP
•	•	•	•	•	•	-	•
-	•	•	•	•	•	-	-
-	-	-	•	-	•	-	-
-	-	-	-	-	-	-	-
ROTARY	ROTARY						
22	31	31	31	37.3	37.3	15.4	21.8
490*320*460	560*370*550	560*370*550	560*370*550	560*394*558	560*394*558	435*283*326	490*320*460
220/460/552	135/282/339	135/282/339	135/282/339	135/282/285	135/282/285	441/912/1043	220/460/552







MODEL NO.	Med	hanical	AW18P1BE		AW05N0C	
	Elec	tronic		AW18PHBE		AW07N0C
AREA			Latin A	America		CIS
			CO	CO	CO	CO
Air Discharge			Side	Side	TOP	TOP
	Voltage/Hz/Phase	V/Hz/ø	220/60/1	220/60/1	220~240/50/1	220~240/50/1
Performance	Ü					
Capacity	Cooling	Btu/hr.	18,000	18,000	5,000	7,000
		Kcal/hr	4,536	4,536	1,260	1,764
		kW	5.28	5.28	1.470	2.050
	Heating	Btu/hr°§W	-	-		-
		Kcal/hr	-	-		-
		kW	-	-		-
Energy Efficiency	Cooling	EER(Btu/W)	9.70	9.70	8.60	9.60
÷, ,	Heating	COP(W/W)	-	-	-	-
Moisture Removal		l/hr	1.7	1.7	0.7	0.9
Air Circulation (Max)		m³/min	11.3	11.3	3.8	5.4
Noise Level	In/Out	dB(A)	63/66	63/66	55/59	59/61
Power Consumption	Cooling	W	1850	1850	580	730
	Heating	W	-	-		-
Operating Current	Cooling	А	8.1	8.1	2.5	3.2
	Heating	А	-	-		-
eatures						
Air Cleaning System	Anti Bacteria Filter		•	•	•	•
Silver Nano Health System™	Silver Nano Filter		•	•	•	•
	Silver Nano Evaporator		-	-	-	-
Operating Mode	Temperature Control		•	•	•	•
	Good Sleep		-	•	-	-
	Timer		-	24Hr	-	-
	Energy Saving Mode		-	-	-	-
Convenience	Auto Restart		-	•	-	-
	Auto Swing (Left & Right)		•	•	-	-
	Air Diflection		4 way	4 way	2 way	2 way
	Air Flow Control Steps (Co	ol/Fan)	3/2	3/3	2/2	3/2
	Air Discharge		Side	Side	TOP	TOP
	Air Ventilation		•	•	-	•
	Slide in/out		•	•		-
	Remote Controller		-	•		-
	Remote Controller (LCD)		-	-	-	-
	Compressor type		ROTARY	ROTARY	ROTARY	ROTARY
oading Q'ty / Installation						
Size	Net Weight		49	49	15.7	20.2
	Net Dimension(W*H*D)		620*425*640	620*425*640	435*283*326	490*320*460
	Loading Q'ty(20/40/40ft HI)	96/204/255	96/204/255	441/912/1043	220/460/552

			AWT12P1A		AWT18W1B	AHT18W1B	
AZ09PHB	AZ12PHA	AW18PHB		AWT12PHA			AWT18WH
	CIS				MEA		
HP	HP	CO	00	CO	CO	HT	CO
Side	Side	Side	Side	Side	Side	Side	Side
220~240/50/1	220~240/50/1	220~240/50/1	220/60/1	220/60/1	220/60/1	220/60/1	220/60/1
8,400	11,000	18,000	12,000	12,000	18,000	18,000	18,000
2,117	2,772	4,536	3,024	3,024	4,536	4,536	4,536
2.46	3.22	5.28	3.52	3.52	5.28	5.28	5.28
8,200	11,000	-	-	-	-	11089	-
2,066	2,772	-	-	-	-	2,795	-
2.40	3.22	-	-	-	-	3.25	-
8.40	7.90	9.50	8.3	8.3	8.8	8.8	8.8
8.20	8.70	-	-	-	-	2.56	-
1	1.5	2.6	1.2	1.2	1.9	1.9	1.9
6.5	8.5	12.5	9.0	9.0	11.6	11.6	11.6
58/62	58/62	60/66	51/57	51/57	60/65	60/65	60/65
1000	1390	1890	1450	1450	2050	2050	2050
1000	1260		-	-	-	3600	3600
4.4	5.9	8.3	6.7	6.7	9.5	9.5	9.5
4.4	5.4		-	-	-	14.0	-
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•
-	-	•	-	•	-	-	•
24Hr	24Hr	24Hr	-	24Hr	-	-	24Hr
-	-	•	-	•	-	-	•
-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•
4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way
3/3	3/3	3/3	3/2	3/3	3/2	2/1	3/3
Side	Side	Side	Side	Side	Side	Side	Side
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	-	•	-	-	•
-	-		-	-	-	-	-
UTR	UTR	ROTARY	UTR	UTR	UTR	UTR	UTR
32.5	35.5	50	34.9	34.9	57.5	57.5	57.5
560*370*550	560*370*550	620*425*640	560*394*558	560*394*558	660*425*730	660*425*730	660*425*730
135/282/330	135/383/330	06/201/255	135/282	125/282	8//168/210	8//168/210	8//168/210



MODEL NO.	M	echanical	AWT18U1C	AHT18U1C	AWT24W1B	AHT24W1E
	El	ectronic				
AREA				M	EA	
			CO	HT	00	HT
Air Discharge			Side	Side	Side	Side
	Voltage/Hz/Phase	V/Hz/ø	220/60/1	220/60/1	220/60/1	220/60/1
Performance						
Capacity	Cooling	Btu/hr.	18,000	18,000	24,000	24,000
		Kcal/hr	4,536	4,536	6,048	6,048
		kW	5.28	5.28	7.03	7.03
	Heating	Btu/hr°§W		11089	-	11089
		Kcal/hr		2,795	-	2,795
		kW		3.25	-	3.25
Energy Efficiency	Cooling	EER(Btu/W)	8.8	8.8	9.4	9.4
	Heating	COP(W/W)	-	2.56	-	2.56
Moisture Removal	, and the second	l/hr	1.9	1.9	2.7	2.7
Air Circulation (Max)		m³/min	11.6	11.6	12.7	12.7
Noise Level	In/Out	dB(A)	60/65	60/65	62/68	62/68
Power Consumption	Cooling	W	2050	2050	2550	2550
	Heating	W	-	3600	-	3600
Operating Current	Cooling	A	9.5	9.5	11.8	11.8
	Heating	A	-	14.0	-	14.0
Features				1110		1110
Air Cleaning System	Anti Bacteria Filter		•	•	•	•
Silver Nano Health System™	Silver Nano Filter		•	•	•	•
•	Silver Nano Evaporator			-	-	-
Operating Mode	Temperature Control		•	•	•	•
	Good Sleep		-	-	-	-
	Timer		-	-	-	-
	Energy Saving Mode		-	-	-	-
Convenience	Auto Restart		-	-	-	-
	Auto Swing (Left & Righ	t)	•	•	•	•
	Air Diflection	,	4 way	4 way	4 way	4 way
	Air Flow Control Steps (Cool/Fan)	3/2	2/1	3/2	2/1
	Air Discharge	7	Side	Side	Side	Side
	Air Ventilation		•	•	•	•
	Slide in/out		•	•	•	•
	Remote Controller		-			
	Remote Controller (LCD)	-	-	-	-
	Compressor type		UTR	UTR	UTR	UTR
Loading Q'ty / Installation	OS. TIPI OGGOT TYPO		OIII	OIII	OIII	Oill
Size	Net Weight		53	53	62	62
	Net Dimension(W*H*D)		660*425*730	660*425*730	660*425*730	660*425*730
	Loading Q'ty(20/40/40ff		84/168/210	84/168/210	84/168/210	84/168/210

	AWT12P1A		AWT18W1B	AHT18W1B	AWT19F1B	AHT19F1B	
AWT24WHB		AWT12PHA					AWT18WHE
			MI	ΞA			
CO	CO	CO	00	HT	CO	HT	CO
Side	Side	Side	Side	Side	Side	Side	Side
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
24,000	11,800	11,800	18,000	18,000	18,000	18,000	18,000
6,048	2,974	2,974	4,536	4,536	4,536	4,536	4,536
7.03	3.46	3.46	5.28	5.28	5.28	5.28	5.28
-	-	-	-	11089	-	11089	-
-	-	-	-	2,795	-	2,795	-
-	-	-	-	3.25	-	3.25	-
9.4	8.4	8.4	8.8	8.8	8.8	8.8	8.8
-	-	-	-	2.56	-	2.56	-
2.7	1.2	1.2	1.9	1.9	1.9	1.9	1.9
12.7	8.8	8.8	11.6	11.6	11.6	11.6	11.6
62/68	52/57	52/57	60/65	60/65	60/65	60/65	60/65
2550	1400	1400	2050	2050	2050	2050	2050
-	-	-	-	3600	-	3600	-
11.8	6.1	6.1	9.3	9.3	9.3	9.3	9.5
-	-	-	-	14.0	-	14.0	-
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
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		24Hr				-	24Hr
24Hr	-	24Hr	-	<u>-</u>		-	2411
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-	-		÷ .	-	-	- -	-
•	•	•	•	۰,	•	•	•
4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way
3/3	3/2	3/3	3/2	2/1	3/2	2/1	3/3
Side	Side	Side	Side	Side	Side	Side	Side
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	-	•	-	-	-	-	•
-	-	-	-	-	-	-	-
UTR	UTR	UTR	UTR	UTR	UTR	UTR	UTR
62	34.5	34.5	59.5	59.5	59.5	59.5	59.5
660*425*730	560*394*558	560*394*558	660*425*730	660*425*730	660*425*730	660*425*730	660*425*730
84/168/210	135/282	135/282	84/168/210	84/168/210	84/168/210	84/168/210	84/168/210



MODEL NO.	Med	chanical			AWT24W1B	AHT24W1E
	Elec	etronic	AWT19FHB	AHT19FGB		
AREA				N	1EA	
			00	HT	00	HT
Air Discharge			Side	Side	Side	Side
	Voltage/Hz/Phase	V/Hz/ø	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Performance						
Capacity	Cooling	Btu/hr.	18,000	18,000	22,000	22,000
		Kcal/hr	4,536	4,536	5,544	5,544
		kW	5.28	5.28	6.45	6.45
	Heating	Btu/hr°§W	-	11089	-	11089
		Kcal/hr	-	2,795	-	2,795
		kW	-	3.25	-	3.25
Energy Efficiency	Cooling	EER(Btu/W)	8.8	8.8	7.8	7.8
	Heating	COP(W/W)	-	2.56	-	2.56
Moisture Removal	·	l/hr	1.9	1.9	2.65	2.65
Air Circulation (Max)		m³/min	11.6	11.6	12.2	12.2
Noise Level	In/Out	dB(A)	60/65	60/65	62/68	62/68
Power Consumption	Cooling	W	2050	2050	2700	2700
	Heating	W	-	3600	-	3600
Operating Current	Cooling	А	9.5	9.5	12.3	12.3
	Heating	A	-	14.0	-	14.0
Features	•					
Air Cleaning System	Anti Bacteria Filter		•	•	•	•
Silver Nano Health System™	Silver Nano Filter		•	•	•	•
	Silver Nano Evaporator		-	-	-	-
Operating Mode	Temperature Control		•	•	•	•
	Good Sleep		•	•	-	-
	Timer		24Hr	24Hr	-	-
	Energy Saving Mode		•	•	-	-
Convenience	Auto Restart		-	-	-	-
	Auto Swing (Left & Right)		•	•	•	•
	Air Diflection		4 way	4 way	4 way	4 way
	Air Flow Control Steps (Co	ol/Fan)	3/3	3/3	3/2	2/1
	Air Discharge	·	Side	Side	Side	Side
	Air Ventilation		•	•	•	•
	Slide in/out		•	•	•	•
	Remote Controller		•	•		-
	Remote Controller (LCD)					-
	Compressor type		UTR	UTR	UTR	UTR
Loading Q'ty / Installation	, ,,					
Size	Net Weight		59.5	59.5	64	64
	Net Dimension(W*H*D)		660*425*730	660*425*730	660*425*730	660*425*730
	Loading Q'ty(20/40/40ft H	N	84/168/210	84/168/210	84/168/210	84/168/210

	AWT25F1B						
AWT24WHB		AWT25FHB	AHT25FGB	AW12ZKB	AW12ZKA	AW18WSB	AW18WS
	ME	:A			South V	Vest Asia	
CO	CO	00	HT	00	00	00	CO
Side	Side	Side	Side	Side	Side	Side	Side
220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	230/50/1	230/50/1	230/50/1	230/50/1
22,000	22,000	22,000	22,000	11,600	11,600	17,060	17,060
5,544	5,544	5,544	5,544	3,400	3,400	5,000	5,000
6.45	6.45	6.45	6.45	12,240	12,240	18,000	18,000
-	-	-	11089	-	-	-	-
-	-	-	2,795	-	-	-	-
-	-	-	3.25	-	-	-	-
7.8	7.8	7.8	7.8	2.70	2.70	2.67	2.67
-	-	-	2.56	-	-	-	-
2.65	2.65	2.65	2.65	1.3	1.3	1.7	1.7
12.2	12.2	12.2	12.2	8.2	8.2	11.3	11.3
62/68	62/68	62/68	62/68	56/64	56/64	63/66	63/66
2700	2700	2700	2700	1260	1260	1870	1870
-	-	-	3600	-	-	-	-
12.3	12.3	12.3	12.3	5.8	5.8	8.5	8.5
-	-	-	14.0	-	-	-	-
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•
•	-	•	•	•	•	•	•
24Hr	-	24Hr	24Hr	24Hr	24Hr	24Hr	24Hr
•	-	•	•	-	-	-	-
-	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•
4 way	4 way	4 way	4 way	4 way	4 way	4 way	4 way
3/3	3/2	3/3	3/3	3/3	3/3	3/3	3/3
Side	Side	Side	Side	Side	Side	Side	Side
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	-	•	•	•	•	•	•
-	-	-	-	•	•	•	•
UTR	UTR	UTR	UTR	ROTARY	ROTARY	ROTARY	ROTARY
64	64	64	64	34.3	34.3	50	50
660*425*730	660*425*730	660*425*730	660*425*730	560*394*558	560*394*558	620*421*690	620*421*69
84/168/210	84/168/210	84/168/210	84/168/210	135/282/285	135/282/285	96/204/255	96/204/25







MODEL NO.	Med	hanical				
	Elec	tronic	AW18ZKA	AW18QKA	AW24ZKB	AW24ZKB
AREA				South V	Vest Asia	
			CO	CO	00	CO
Air Discharge			Side	Side	Side	Side
	Voltage/Hz/Phase	V/Hz/ø	230/50/1	230/50/1	230/50/1	230/50/1
Performance						
Capacity	Cooling	Btu/hr.	17,060	17,060	22,000	22,000
		Kcal/hr	5,000	5,000	6,450	6,450
		kW	18,000	18,000	23,200	23,200
	Heating	Btu/hr°§W	-	-	-	-
		Kcal/hr	-	-	-	-
		kW	-	-	-	-
Energy Efficiency	Cooling	EER(Btu/W)	2.67	2.67	2.34	2.34
	Heating	COP(W/W)	-	-	-	-
Moisture Removal		l/hr	1.7	1.7	2.2	2.2
Air Circulation (Max)		m³/min	11.3	11.3	13.5	13.5
Noise Level	In/Out	dB(A)	63/66	63/66	63/68	63/68
Power Consumption	Cooling	W	1870	1870	2750	2750
	Heating	W	-	-	-	-
Operating Current	Cooling	A	8.5	8.5	12.5	12.5
	Heating	A	-	-	-	-
Features						
Air Cleaning System	Anti Bacteria Filter		•	•	•	•
Silver Nano Health System™	Silver Nano Filter		•	•	•	•
	Silver Nano Evaporator		-	-	-	-
Operating Mode	Temperature Control		•	•	•	•
	Good Sleep		•	•	•	•
	Timer		24Hr	24Hr	24Hr	24Hr
	Energy Saving Mode		-	-	-	-
Convenience	Auto Restart		-	-	-	-
	Auto Swing (Left & Right)		•	•	•	•
	Air Diflection		4 way	4 way	4 way	4 way
	Air Flow Control Steps (Co	ol/Fan)	3/3	3/3	3/3	3/3
	Air Discharge		Side	Side	Side	Side
	Air Ventilation		•	•	•	•
	Slide in/out		•	•	•	•
	Remote Controller		•	•	•	•
	Remote Controller (LCD)		•	•	•	•
	Compressor type		ROTARY	ROTARY	ROTARY	ROTARY
Loading Q'ty / Installation						
Size	Net Weight		50	50	51.8	51.8
	Net Dimension(W*H*D)		620*421*690	620*421*690	620*421*690	620*421*690
	Loading Q'ty(20/40/40ft H	n	96/204/255	96/204/255	96/204/255	96/204/255

Floor Standing Type



MODEL NO.			AP55Q0C	AP55Q1C	AP55Q2C	AP50Q0C
AREA				N	1EA	
Refrigerant Type			R22	R22	R22	R22
Performance						
Capacity	Cooling	Btu/hr.	52000	50000	52000	48000
	Ŭ	Cal/hr.	13105	12601	13105	12097
		kW	15.2	14.7	15.2	14.1
	Heating	Btu/hr.	-	52000		-
	•	Cal/hr.		13105		
		kW	-	15.2		
Energy Efficiency	Cooling	EER(Btu/W)	9.63	9.26	9.63	9.60
	Heating	EER(W/W)	0.00	11.30	0.00	0.00
Moisture Removal		۵/hr.	4.6	4.3	4.6	4.1
Air Circulation (Max)		m³/min	38.0	38.0	38.0	35.0
Noise Level	Indoor High/Low	dB	57	57	57	57
140100 20401	Outdoor High	dB	65	65	65	65
Electrical Data	Odidoor Fiight	uD.				
Power Source		V/Hz/ø	220/60/3	220/60/3	380/60/3N	380/50/3N
Power Consumption	Cooling	W	5,400	5400	5,400	5000
. Ovor Condumption	Heating	W	- 5,400	4600	- 5,400	- 5000
Operating Current	Cooling	A	16.3	16.3	16.3	8.8
Sporating Surferit	Heating	A	-	15.6	10.3	0.0
Dimension & Leading Other	ricaling	A	-	10.0	•	-
Dimension & Loading Q'ty	Indoor	mm	650x1850x395	650x1850x395	650x1850x395	650x1850x395
Net Dimension (WxHxD)		mm				
AL CARCELL	Outdoor	mm	932x1128x375	932x1128x375	932x1128x375	930x1135x375
Net Weight	Indoor	kg	62	62	62	62
	Outdoor	kg	105	110	105	102
Shipping Weight	Indoor	kg	70	70	70	70
	Outdoor	kg	115	120	115	112
Loading Q'ty	W Pipe	20/40ft	13/28	13/28	13/28	13/28
	W/O Pipe	20/40ft	13/28	13/28	13/28	13/28
Technical Information						
SVC Valve	Liquid	OD	ø 19.05mmx5M	ø 19.05mmx5M	ø 19.05mmx5M	ø 19.05mmx5N
	Gas	OD	ø 9.52mmx5M	ø 9.52mmx5M	ø 9.52mmx5M	ø 9.52mmx5M
Piping Length	STD	mm	5	5	5	5
. 0	Max	mm	25	25	25	25
Piping Height	Max	mm	15	15	15	20
Refrigerant		G	3,500	3,500	3,500	2,500
Add Refrigerant		g/m	50	50	50	60
Features		9/11	00	00	00	00
Silver Coated Health System	Silver Nano Filter					
Silver Goaleu Fleath System	Silver Nano Evaporator					
Pure & Clean Air	Built-in Air Purifier					
Fure & Olean Alf						
	Titanium Plasma™					
	Catechin Filter					
	Deodorizing Filter					
	Bionizer™					
Operating Mode	Surround Air Control					
	Digital Flow		4way Auto Swing	4way Auto Swing	4way Auto Swing	4way Auto Swing
	Dehumidification		•	•	•	•
	Turbo Mode		•	•	•	•
	Sleep Mode					
	Timer		•	•	•	•
	Energy Saving Mode		•	•		
	Auto Restart					
	Auto Changeover					
Convenience	Fixed Grille					
	Auto Grille		•	•	•	•
	Auto Shutter					
	LCD Display		LED	LED	LED	LED
	Child-care Lock		• LED	• LED	. LED	LED •
	Remote Controller		•	•	•	•
	Auto Clean					
Etc	Compressor Type		Rotan/	Rotany	Rotany	Recipro

Floor Standing Type



MODEL NO.			AP50Q1C	AP55Q0A	APC244ND
AREA			MEA	SouthE	ast Asia
				CO	CO
Refrigerant Type			R22	R22	R22
Performance	0 "	Di A	47000	50000	0.4000
Capacity	Cooling	Btu/hr.	47000	52000	24000
		Cal/hr.	13100	45.0440	7.00
	Llooting	kW Dhu/ha	13.8	15.2412	7.03
	Heating	Btu/hr.	52000	-	
		Cal/hr.	13105		•
Frank Efficiency	Capling	KW EED/D+:///	15.2	-	- 0.00
Energy Efficiency	Cooling	EER(Btu/W)	9.40	9.62962963	9.80
	Heating	EER(W/W)	11.06	10	-
Moisture Removal		Q/hr.	4.0	4.6	2.8
Air Circulation (Max)	la da es littala (Lessa	m³/min	35.0	38	15.8
Noise Level	Indoor High/Low	dB	57	57	46
E	Outdoor High	dB	65	65	58
Electrical Data		N/81 /	222 (22 (2))		40011/2011
Power Source	0	V/Hz/ø	380/50/3N	220/60/3	220V/50/1
Power Consumption	Cooling	W	5000	5400	2450
0	Heating	W	4700	-	-
Operating Current	Cooling	A	8.8	16.3	11.5
	Heating	А	8.5	-	•
Dimension & Loading Q'ty					
Net Dimension (WxHxD)	Indoor	mm	650x1850x395	650x1850x395	525°ø1830°ø320
	Outdoor	mm	930x1135x375	930x1135x375	878*638*310
Net Weight	Indoor	kg	62	62	38.0
	Outdoor	kg	96	98	53.0
Shipping Weight	Indoor	kg	70	70	44.0
	Outdoor	kg	106	108	58.0
Loading Q'ty	W Pipe	20/40ft	13/28	13/28	30/62/62
	W/O Pipe	20/40ft	13/28	13/28	
Technical Information					
SVC Valve	Liquid	OD	ø 19.05mmx15M	ø 19.05mmx5M	ø 6.35mm
	Gas	OD	ø 9.52mmx15M	ø 9.52mmx5M	ø 15.88mm
Piping Length	STD	mm	15	5	5
	Max	mm	25	25	15
Piping Height	Max	mm	20	20	10
Refrigerant		G	3,650	2500	1550
Add Refrigerant		g/m	60	60	50
Features					
Silver Coated Health System	Silver Nano Filter				•
	Silver Nano Evaporator				
Pure & Clean Air	Built-in Air Purifier				
	Titanium Plasma™				
	Catechin Filter				
	Deodorizing Filter				
	Bionizer™				
Operating Mode	Surround Air Control				
	Digital Flow		4way Auto Swing	4way Auto Swing	
	Dehumidification		•	•	
	Turbo Mode		•	•	•
	Sleep Mode				
	Timer		•	•	•
	Energy Saving Mode		•	•	
	Auto Restart				
	Auto Changeover				
Convenience	Fixed Grille				
	Auto Grille		•	•	
	Auto Shutter				•
	LCD Display		LED	LED	•
	Child-care Lock		•	•	
	Remote Controller		•	•	•
	Auto Clean		<u> </u>		

AP28N0A	AP50Q0C	AP50Q1C	APV48Q0BNKCV
AFZONUA	MEA	AFOULIC	
		Doo	America
	R22	R22	
24000	48000	47000	48000
6048	12097	13100	12097
7.03	14.1	13.8	14.1
-	-	52000	54600
-		13105	13759
-		15.2	16.0
9.06	9.60	9.40	8.89
-		11.06	11.03
2.5	4.1	4.0	4.6
16.0	35.0	35.0	38.0
52	57	57	57
65	65	65	66
220~240V/50/1	380/50/3N	380/50/3N	208~230/60/1
2650	5000	5000	5400
13.0	- Q Q	4700 8.8	4950
-	8.8	8.5	23.4
		0.0	21.0
525°ø1830°ø320	650x1850x395	650x1850x395	650x1850x395
790°ø878°ø310	930x1135x375	930x1135x375	1060x1268x487
38.0	62	62	62
61.0	102	96	94
44.0	70	70	70
75.0	112	106	103
	13/28	13/28	13/18
	13/28	13/28	13/18
ø 9.52mm	ø 19.05mmx5M	ø 19.05mmx15M	ø 9.52mm
ø 15.88mm	ø 9.52mmx5M	ø 9.52mmx15M	ø 19.05mm
5	5	15	7.5
15 10	25 20	25 20	75 30
2200	2,500	3,650	2,800
50	60	60	40
	00	00	40
	4way Auto Swing	4way Auto Swing	4way Auto Swing
	•	•	•
•	•	•	•
	_		
•	•	•	•
		•	
	•	•	•
•			
	LED	LED	LED
	•	•	•
•	•	•	•