



SAMSUNG



samsung air conditioning and heat pump systems

Catalogue 2010

Smart Thinking, Simple Living.

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PROJECT
Kathy Heyndels Glyfada

LOCATION
Greece

TYPE
Shop

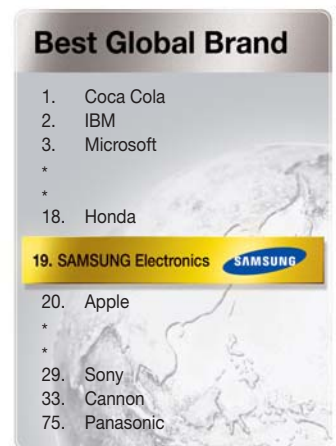


Samsung is moving with and ahead of our customers

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 favourite. 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

● 6 Global Operation Centers

● 7 Design Centers

● 10 Global Headquarters

● 4 HA R&D Centers



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. PlanetFirst™, 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 helps 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 environment in every aspect of its products, from raw material procurement, production, transportation, usage, and final disposal. Concerns for the environment are at the core of each product development.

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



Samsung eco mark



Energy mark Korea



Eco Mark Korea



Ecoflower EU



Energy Star Mark



TCO Sweden



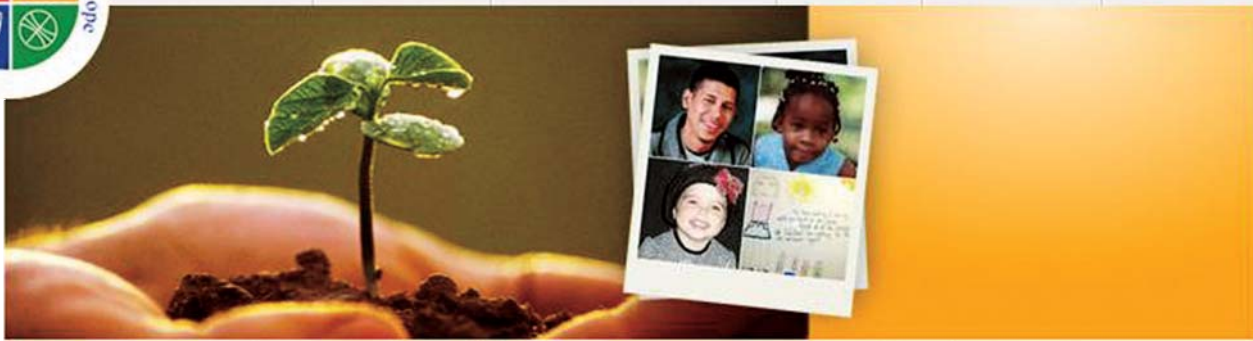
Blue Angel Germany



EPEAT US



Eco Mark Korea 2


[Stars & Foundations](#)
[Stories of Hope](#)
[Special Events & Promotions](#)
[Press Room](#)
[How Can I Help?](#)
[Retail Partners](#)


Welcome to Samsung's Four Seasons of Hope, a Philanthropic program presented by Samsung Electronics America, Inc.

"A little hope can make a big difference."

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 favourite sports legends. Samsung pledges to raise national awareness and funds for these outstanding charities and to identify how others can also make a difference in the lives of these children and families.



Samsung Recycling DirectSM

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

As technology continually evolves, so will your digital lifestyle. When you upgrade your consumer electronics, you will need to recycle your old products responsibly. That's why we're proud to reaffirm our commitment and responsibility to recycle using the new Samsung Recycling DirectSM 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 or add to the greenhouse effect. Samsung's water-efficient washing machines also use less detergent and water without affecting cleanliness, helping 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 ceramic heaters use less power, which save you energy, money and time. This energy-efficient technology protects you and nature, giving you a greener lifestyle.

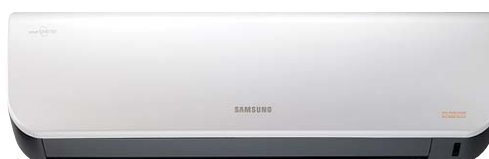


Global Recycling

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 uses R-410A, all-environmentally-friendly refrigerant, for its air conditioners and restrains 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 Innovación 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 Innovación" 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 and prestigious design competitions, the iF product design award can look back on a rich and long tradition. This seal of fine design quality has stood for qualitatively outstanding design awards for over 50 years. Samsung's air conditioner with 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 functions and beauty to value and satisfying customers' requirements.

Comfort & Design 2008

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

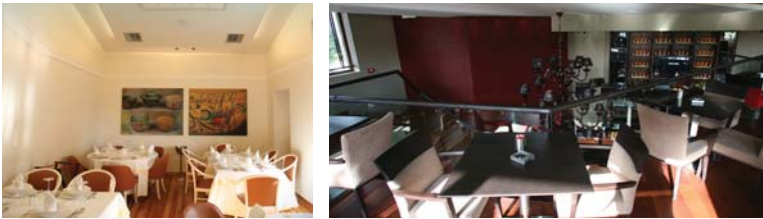
Received Certifications and Awards















2010 Product Line-up

INDOOR UNITS

Type	Technology	Capacity	9K Btu/h 2.6 kW	12K Btu/h 3.5 kW	18K Btu/h 5.2 kW
Wall-mounted Type	Commercial Neo Forte				
1Way cassette	Inverter				
Mini 4Way cassette	Inverter				
4Way cassette	Inverter				
Slim Duct	Inverter				
MSP Duct	Inverter				
Console	Inverter				
Ceiling	Inverter				



21K Btu/h 6.0 kW	24K Btu/h 7.0 kW	30K Btu/h 9.0 kW	36K Btu/h 10.5 kW	48K Btu/h 14.0 kW
				
				
				
				
				
				

Efficient Energy Saver S-Inverter

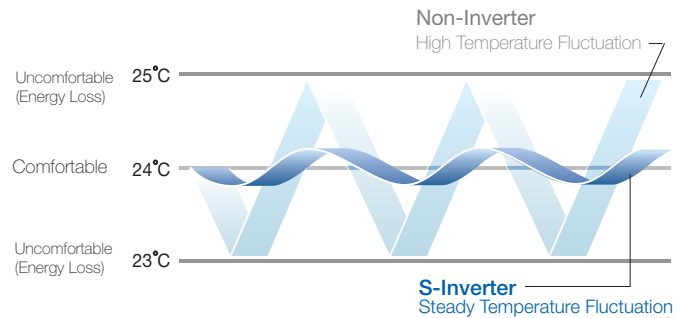
S-Inverter is a smart choice to save money and energy. With Samsung's advanced technology, energy waste has been minimized to improve on the efficiency while cooling and heating performance is faster than conventional product. Silent operation without any vibration will bring peace to your life.



S-Inverter Feature

Comfortable Temperature

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

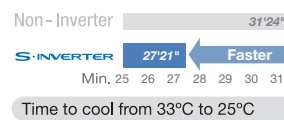


Fast Cooling and Heating

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

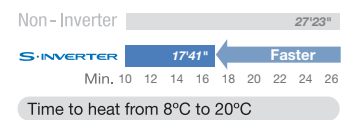
Cooling

15%
Faster
Cooling



Heating

50%
Faster
Heating



High Efficiency

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



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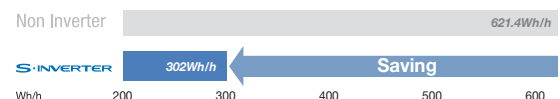
9K Inverter Model EER (w/w) 3.9 4.0 4.1

EER 3.74

EER
= Capacity
Power Consumption
= Performance

Up to 50% Energy Saving

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



Silent Operation

Enjoy peace and quiet. The air conditioner's compressor operates at the lowest speed possible to maintain the desired temperature, so there's less motor and fan noise.



SAMSUNG

9K Inverter Model dB 20 25 30

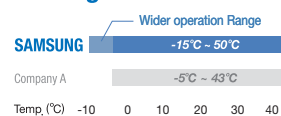
25dB

Silent

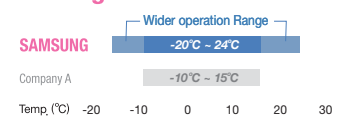
Wide Temperature Performance

No need to worry about using an external unit in severe temperatures with a Samsung air conditioner. With a wider temperature allowance, the unit can cool in the burning heat of 50°C or heat in the freezing coldness of -20°C to provide comfort in your home.

Cooling

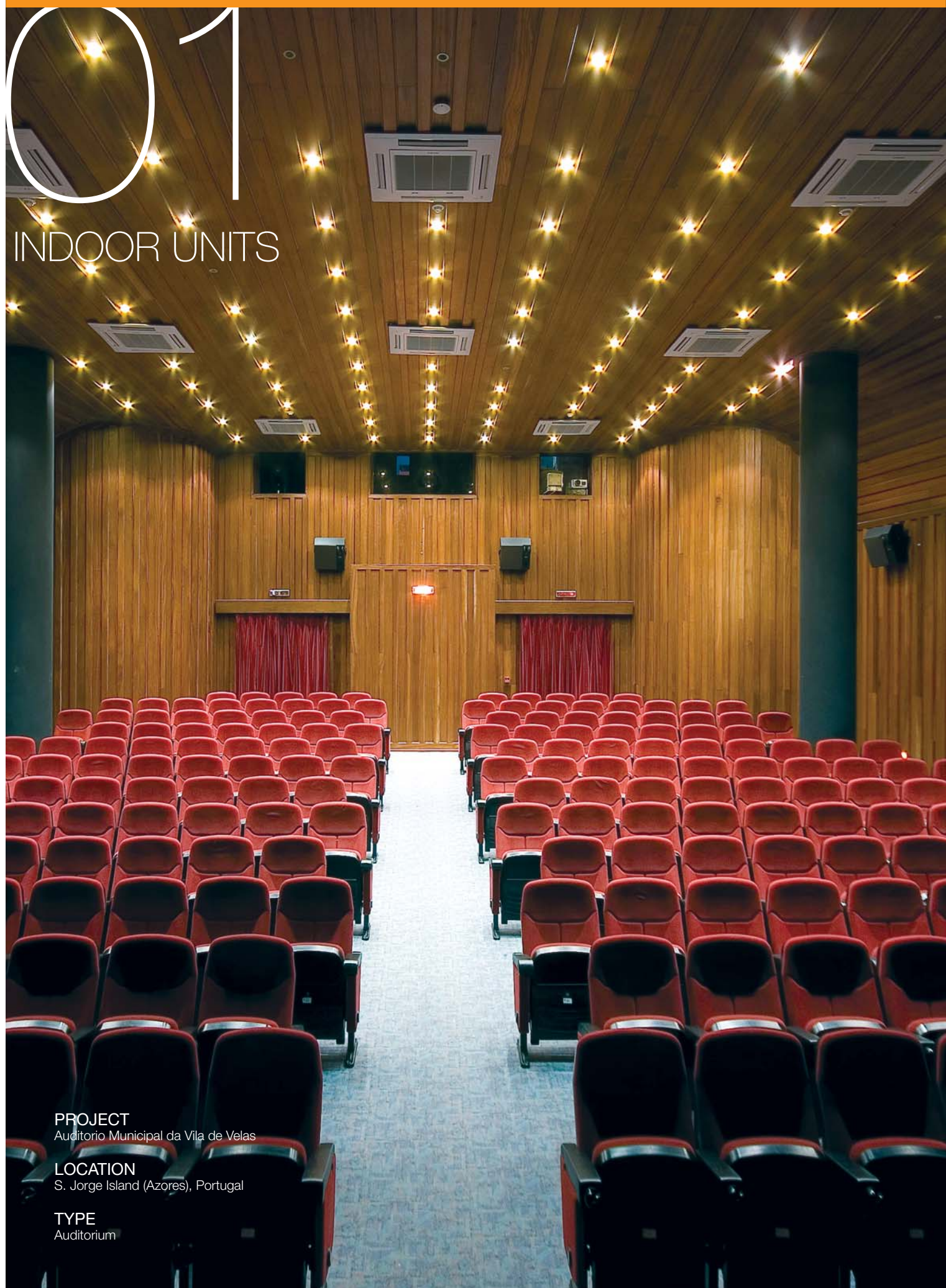


Heating



01

INDOOR UNITS



PROJECT

Auditorio Municipal da Vila de Velas

LOCATION

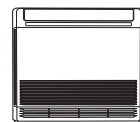
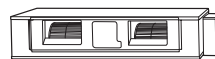
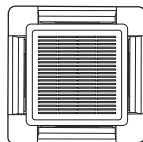
S. Jorge Island (Azores), Portugal

TYPE

Auditorium

Air designed just for your space

Samsung indoor units are not only equipped with high performing functions, but they also have beautiful design to enlighten your space. Different types of indoor units will be more than enough to satisfy needs of your space and yourself. Functional yet beautiful indoor units will provide you the cool air that only Samsung can provide.



Wall-mounted Indoor Unit

The design of the wall-mounted indoor units 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.



Commercial Neo-Forte



Commercial Neo Forte

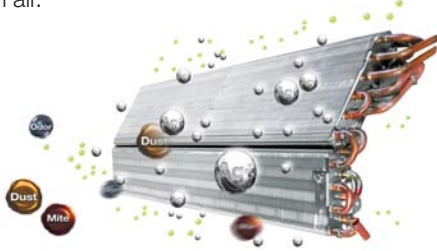
Fresh and Pleasant Cooling



Silver Technology

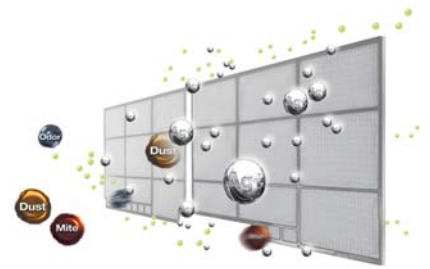
Silver Coated Evaporator

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.



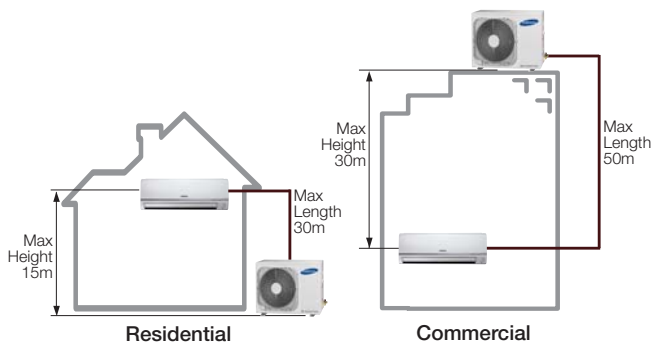
Silver Coated Filter

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.



Longer piping length and height

Commercial type air conditioners support longer piping length and height limit, compared to residential types, providing flexible and easier installation options.



Deodorizing Filter

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



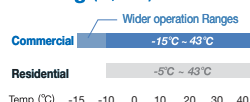
Catechin Filter

The Catechin filter, extracted from green tea, deactivates captured bacteria and dust. Also, this out-standing filter helps to remove unpleasant odours to keep your home fresh and clean.

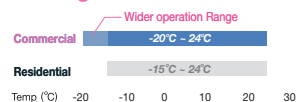
Cooling and heating operation in low ambient temperature

Commercial type air conditioners have wide operation ranges, allowing the air conditioners to operate even in low ambient temperature of -15°C .

Cooling (5.2, 7.0kW)



Heating (5.2, 7.0kW)



Wired Remote Controller

Wall-mounted indoor unit can be connected to wired remote controller like other types of ceiling indoor units.



Cassette type Indoor Units

Cassette type indoor units have different numbers and direction of outlets to provide the cool air evenly in any type of space. Compact size of indoor units can be installed even in lower ceilings and easy installation method will save time that you had to spend on installation.



Slim 1Way Cassette



Mini 4Way Cassette



4Way Cassette

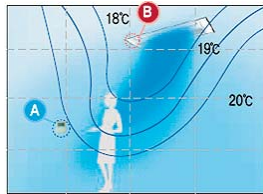


Main Feature

Wide Blade



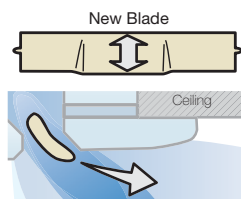
The new cassette type air conditioner is equipped with uniquely designed blades that are wider to provide even cooling and heating power throughout the room.



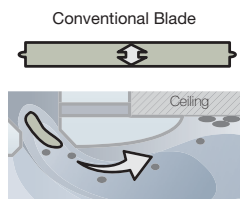
Ceiling Soiling Prevention



Newly designed panel will control the air direction to avoid having contact with the ceiling. This new design will prevent the ceiling from soiling and keep your interior cleaner than ever even after a long period of operation.



Airflow is directed downwards without having contact with the ceiling.

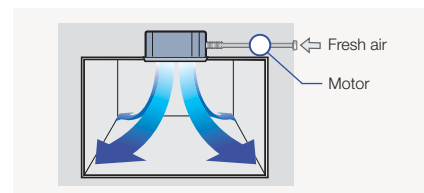


Airflow is directed towards the ceiling which causes ceiling soiling.

Fresh Air Intake



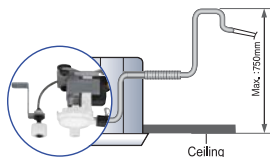
With optional installation of an air intake motor, fresh air can enter through the cassette unit so you have fresher air in the room.



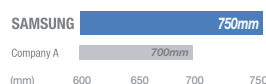
High Lift-up Drain Pump



The lift-up drain pump lifts condensed water up to 750mm, compared to the competitor's 700mm, allowing for flexible and convenient installation.



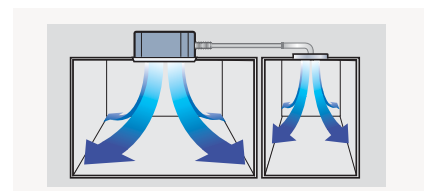
Lift-up Range



Sub Duct



The Sub Duct lets you use the same air conditioner unit to cool another smaller space nearby. (The cassette unit is fitted with a knock-out component to accommodate this.)



Quick Connection of Drain Pipe



Samsung's unique drain pipe prevents leaks and is easier to install with no need to use tape or adhesives.

Samsung



Company A



Slim 1Way Cassette

Slim and Quiet



WIDE BLADE



CEILING SOILING
PREVENTION



HIGH LIFT-UP
DRAIN PUMP



QUICK CONNECTION
OF DRAIN PIPE

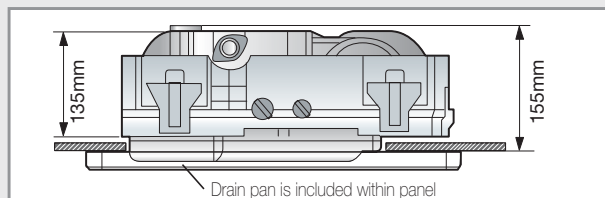


Slim and Compact Design

Want a cassette type air conditioner, but have limited space? Samsung's new Slim 1Way cassette type air conditioner is the answer.

Only 135mm thick

Samsung introduces the world's slimmest indoor air conditioner unit. Only 135mm thick, the slim 1Way Cassette air conditioner can be installed practically anywhere.



— NOTE —

Ensure that there is sufficient installation space. Allow at least 170mm for the installation.



Lighter indoor unit

The first to apply ABS cabinets into its indoor units, Samsung has achieved the lightest units on the market. Its slim lightweight design makes installation and maintenance a breeze.



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10.5kg

38% Down



Company A

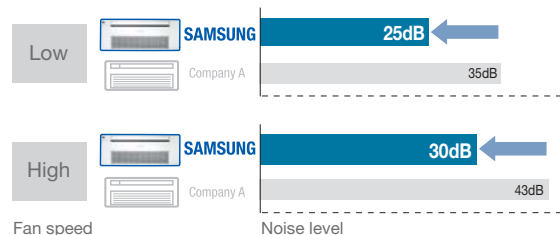
17kg

4kW R410A model

Weight

Quiet Operation

Samsung's new blade design drastically reduces noise levels, so you can relax in peace and quiet.



Check Valve Inside Drain Pump

Faulty drainage installation or power failures can cause condensed water to flow back into the unit, causing leakage and odours. Samsung's air conditioners are equipped with a check valve built directly into the drain pump to prevent water from flowing backward.



Mini 4Way Cassette

Evenly Distribute the Cool Air



HIGH LIFT-UP
DRAIN PUMP



FRESH AIR
INTAKE

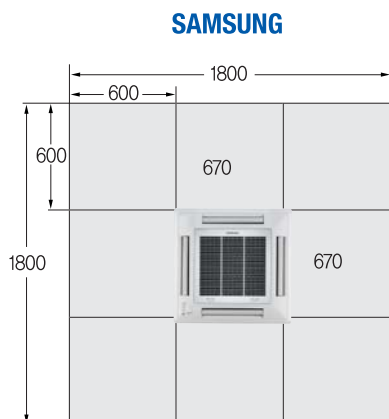


QUICK CONNECTION
OF DRAIN PIPE



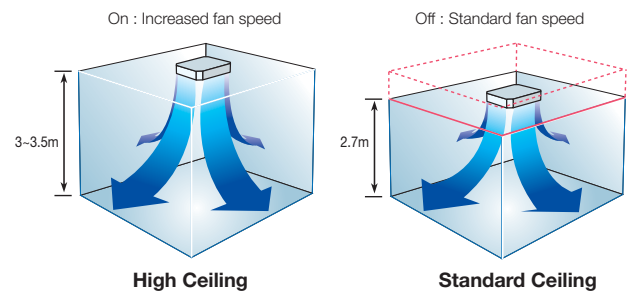
Ideal Compact Size

The Mini 4Way cassette air conditioner can be installed in one standard ceiling tile (600Wx600D), which can save installation time.



Fan Speed Adjustment

Fan speed can be adjusted according to ceiling height by adjusting dip switch of indoor unit's PCB.



High Energy Efficiency

Not only is the Mini 4Way cassette air conditioner small and compact, it's energy efficient. Easy operation coupled with high efficiency provides you with remarkable performance at extremely low cost.



4Way Cassette

Evenly Distribute the Cool Air



WIDE BLADE



CEILING SOILING
PREVENTION



HIGH LIFT-UP
DRAIN PUMP



FRESH AIR
INTAKE



SUB DUCT



QUICK CONNECTION
OF DRAIN PIPE



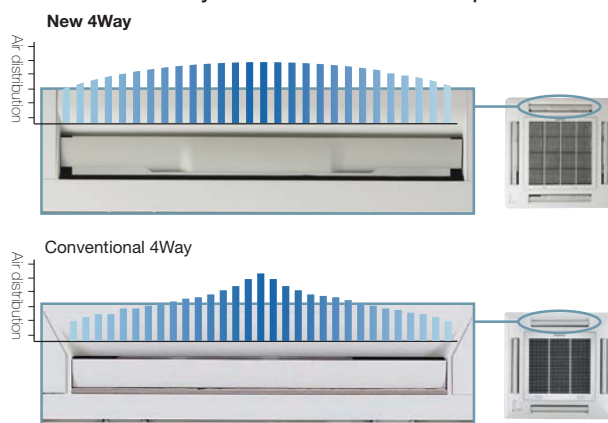
Stylish Panel Design

The stylish panel is well harmonized with any interior design.



Efficient Cooling

3-dimensional shaped blade, which has the world wide patent, is able to spread cool or warm air further and evenly to all corners of the space.

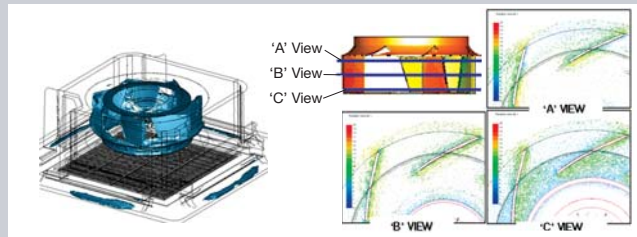




New Turbo Fan

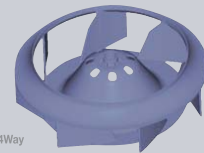
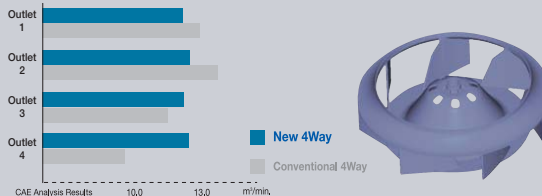
Quiet Operation

Imagine a room of cool calmness. The aerodynamically designed 'Turbo Fan' minimizes noise from the turbulence of blade movement. Therefore noise is less than conventional models.



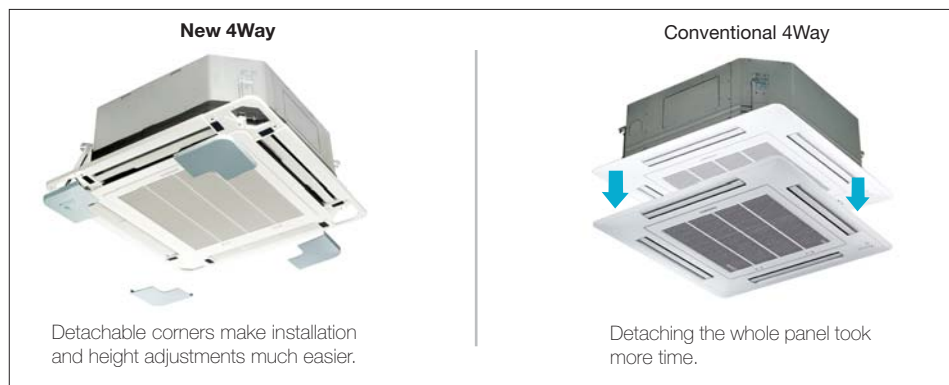
Uniform Distribution

The new 'Turbo Fan' with wide blades provides extreme cooling and heating power from 4 separate outlets so the entire room gets cool or warm faster. Now, every nook and cranny is comfortable.



Easy Levelling

Each corner portion of the panel is detachable, which gives easier access to adjust the height, therefore levelling and installation is much easier and quicker than before.



Duct type Indoor Units

One duct type indoor unit can provide cool air to multiple places in a building with flexible installation options. It doesn't matter how complicated the floor plan is because duct type indoor units offer different solutions for any shape of the interior. With the indoor units hiding behind the ceiling, you can create clean interior looks.



Slim Duct



MSP Duct



Main Feature

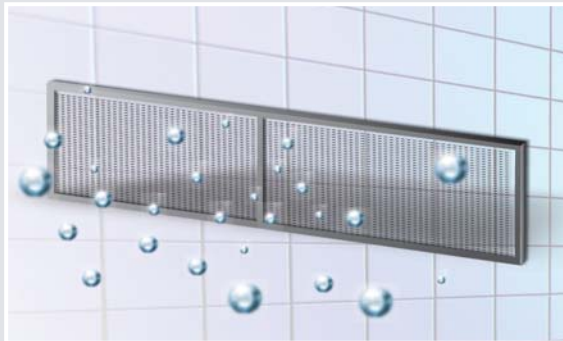
Clean Filter System

The anti-bacteria filter and the filter cleaning indicator provide you with cleaner, healthier air. You deserve to breathe fresh air everyday.

Anti-bacteria Filter



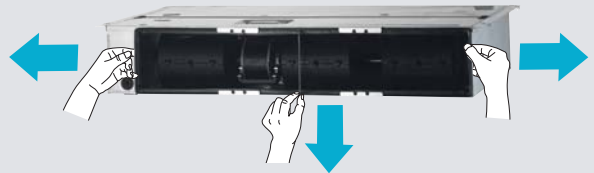
The anti-bacteria filter not only traps dust particles, but suppresses proliferation of moulds and bacteria.



Easy Filter Cleaning



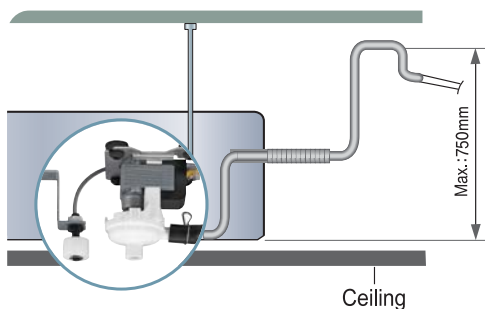
After 1,000 hours of operation the filter clean indicator will inform you that the filter should be cleaned. The filter can be easily removed from the bottom, left, or right of the unit. (1,000 hours is the default set time, which can be adjusted to 2,000 hours on the internal PCB.)



High Lift-up Drain Pump (optional)



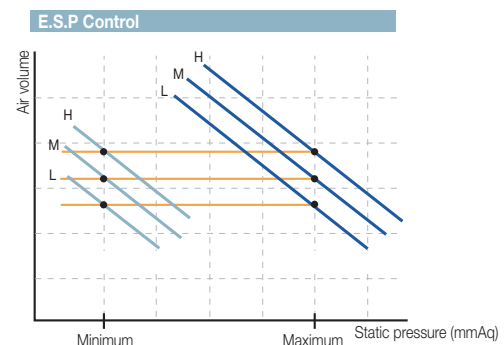
The lift-up drain pump lifts condensed water up to 750mm, compared to the competitor's 700mm, allowing for flexible and convenient installation.



Smart Pressure Control



The Smart Pressure Control System adjusts fan speed according to E.S.P (External Static Pressure), so the air conditioner always gives you consistent cooling and heating power regardless of the surrounding environment.



Wired Remote Controller



Wired remote controller is included for more convenient use of the air conditioner.



Slim Duct

Slim and flexible



ANTI-BACTERIA
FILTER



EASY FILTER
CLEANING



HIGH LIFT-UP
DRAIN PUMP



SMART PRESSURE
CONTROL



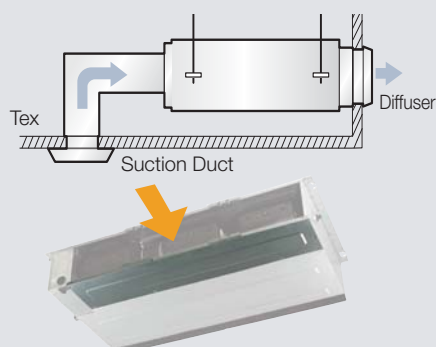
WIRED REMOTE
CONTROLLER



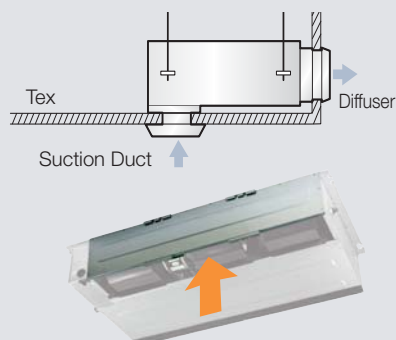
Flexible Installation

The air inlet can be set up on either the bottom or rear of the unit, so there is more flexibility in installation.

Rear side air inlet

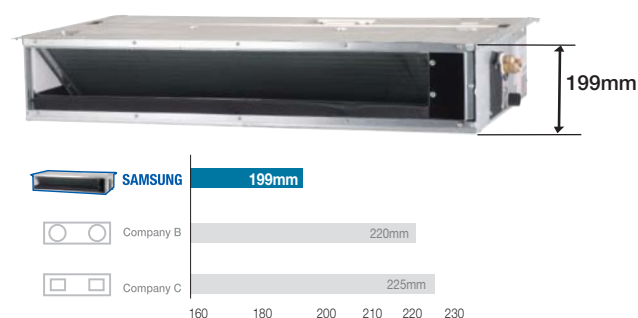


Bottom side air inlet



Slim Design

Only 199mm thick, this slim design makes installation, maintenance and repair easy.



Easy to Maintain

Parts are easily accessible by simply opening the bottom panel, which reduces time and maintenance costs.



MSP Duct

Silent with Pressure Control



ANTI-BACTERIA
FILTER



EASY FILTER
CLEANING



HIGH LIFT-UP
DRAIN PUMP



SMART PRESSURE
CONTROL



WIRED REMOTE
CONTROLLER

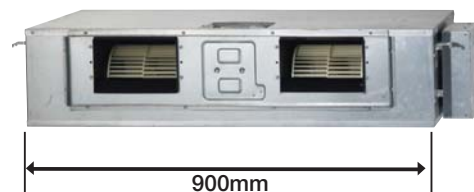


Silent Operation with the static pressure control

The external static pressure control makes it easy to design duct work to ensure efficiency and silent operation.

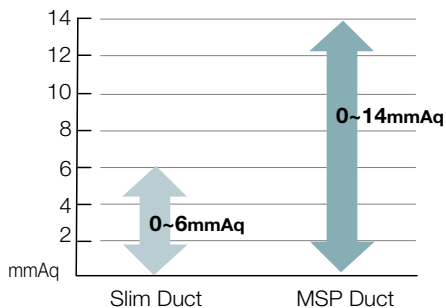
Narrow Width

(DH052EAV1, DH052EAS, DH070EAS)



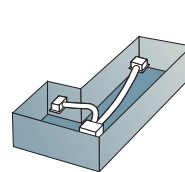
* Width measured without control box.

Middle Static Pressure

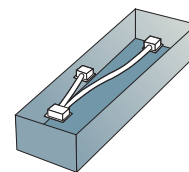


Flexible Installation

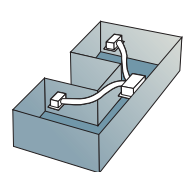
Samsung's MSP Duct air conditioners offer different solutions for any shape room allowing for specific airflow requirements.



L-shaped area



Areas far apart



Y-shaped area

Easy to Maintain

Reduce time and maintenance costs by keeping parts easily accessible.



Floor & Convertible type Indoor Units

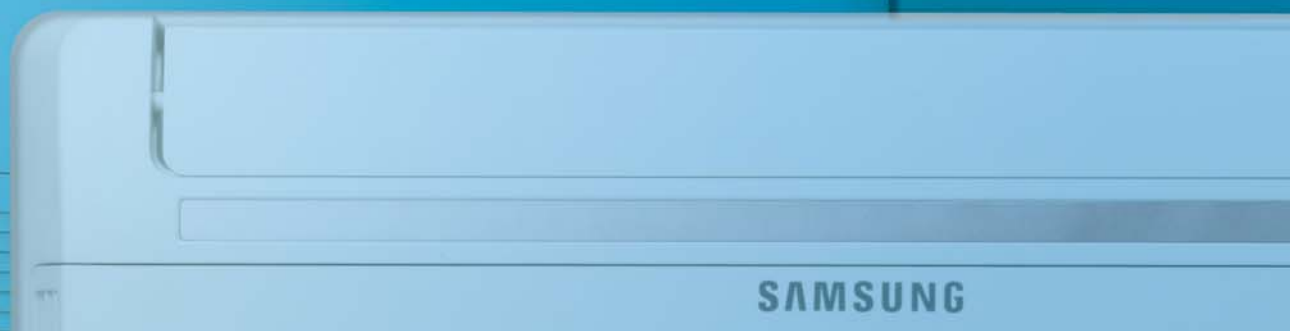
Installation options can't be more diverse than Samsung's floor and convertible type air conditioner. With a variety of installation options and the elegant design, wherever you install these indoor units, they will become picture perfect.



Console



Ceiling



Main Feature

Interior Design



Now with more flexibility in placement, the air conditioner can add a stylish element to your room.



Silent Mode



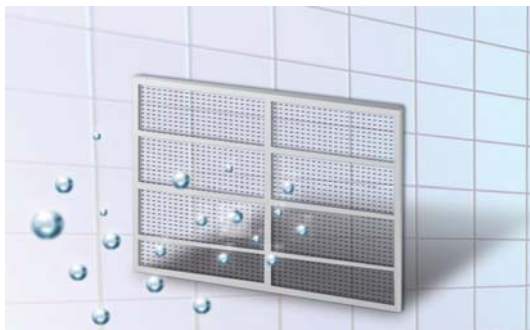
Indoor units operate quietly with the least possible noise.



Anti-bacteria Filter



The anti-bacteria filter not only traps dust particles, but suppresses proliferation of moulds and bacteria.



Light Weight Unit



This extremely lightweight design makes maintenance and installation easy.



Auto Changeover



The Auto Changeover automatically selects the operation mode according to the temperature setting.



Flexible Pipe Installation



The drain pipe can be installed in 6 different places, so you have more options in where to place your air conditioner.



Console

Slim and Elegant



INTERIOR
DESIGN



ANTI-BACTERIA
FILTER



LIGHT WEIGHT
UNIT



SILENT MODE



AUTO
CHANGEOVER



FLEXIBLE PIPE
INSTALLATION



WIRELESS REMOTE
CONTROL



Elegant Design

Slim and Smart Design

This extremely slim design with Clean Panel adds aesthetic value to any interior.

Slim Design

It can't get any slimmer. This console type indoor unit is only 199mm thick, the slimmest on the market. Its slim design easily integrates the unit into your decor.



Clean Panel

Stay clean with the smartly designed Clean Panel. This unique panel keeps dust from being accumulated so the unit and the room stay cleaner.



Black Display

Functional art, the touch screen display is elegant while it maximizes the convenience of control.

2 way air outlets

There are two separate air outlets for cooling and heating. Having warmer air coming out from the bottom part of the air outlet will spread the warm air evenly throughout the room. Stay cooler and warmer in every corner of your room.



Silent operation (23dB)

The silent, yet powerful and efficient cooling and heating system keeps things more comfortable. Silent mode is available in 4 different operating modes: High / Medium / Low / Silence.



Ceiling

Powerful air from Ceiling or Floor



INTERIOR
DESIGN



ANTI-BACTERIA
FILTER



LIGHT WEIGHT
UNIT



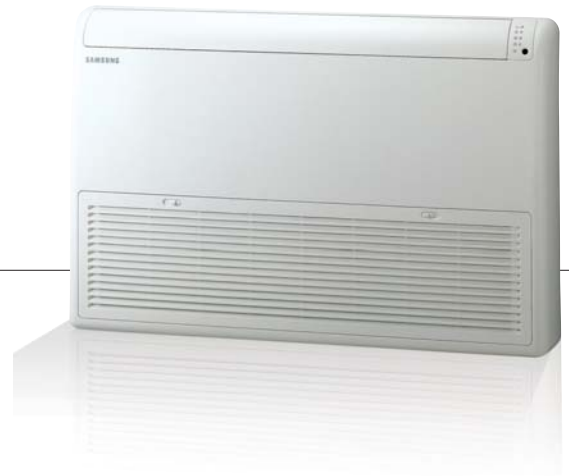
AUTO
CHANGEOVER



FLEXIBLE PIPE
INSTALLATION



WIRELESS REMOTE
CONTROL



2 way installation

Depending on the space availability and the purpose of the air conditioner, the indoor unit can be installed under the ceiling or on the floor.



Under Ceiling



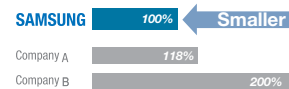
Floor Standing

Compact but powerful

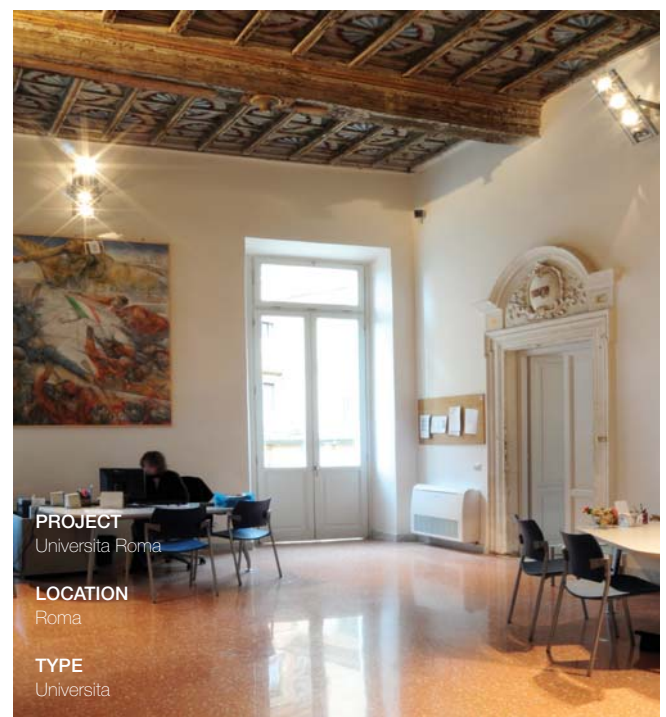
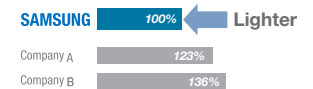
Samsung's ceiling type air conditioner boasts its slim, compact design, half the size of its competitors, with cooling power comparable to competitor's larger products.

7.1kW Model

Size



Weight






PROJECT
Universita Roma

LOCATION
Roma




TYPE
Universita

Accessories


Remote Controller

Classification		Model	Compatible units	Description
Wired Remote Controller		MWR-WE00	Unified Remote Controller	Individual and group control
		MWR-WH00	Unified Remote Controller	Individual and group control
Wireless Remote Controller		MR-CH01	Unified Remote Controller	Simple schedule control

Panel

Classification		Model	Compatible units	Description
Slim 1Way Cassette		PSSMA	Unified Panel	Single, DVM unified Panel
Mini 4Way Cassette		PMSMA	Unified Panel	Single, Multi, DVM unified Panel
4Way Cassette		P4SMA	Unified Panel	Single, Multi, DVM unified Panel

Drain Pump

Classification		Model	Compatible units	Description
Duct Drain Pump		MDP-E075SEE	Slim duct	PVC Hose, 2.6kW~7.0kW
		MDP-E075SEE1		New Hose, 10.5kW~14.0kW
		MDP-M075SGU3	MSP duct	5.2kW~7.0kW
		MDP-M075SGU1		9.4kW~12.5kW
		MDP-M075SGU2		14.0kW~17.5kW

PROJECT
Kathy Heyndels Glyfada

LOCATION
Greece

TYPE
Shop

CAC Specification



Commercial Neo Forte



S-inverter

Model	Indoor Unit			NS026NHXEA	NS035NHXEA	NS052NHXEA	NS070NHXEA	
	Outdoor Unit			UH026EAV1	UH035EAV1	UH052EAV1	UH070EAV2	
Capacity (Min./Standard/Max.)	Cooling	Watts		990/2600/3500	980/3,500/4,200	1,700/5,000/6,000	2,200/7,100/8,000	
	Heating	Watts		980/3300/4600	980/4,000/5,200	1,500/6,000/8,000	1,900/8,000/11,000	
Power Input (Min./Standard/Max.)	Cooling	Watts		260/730/1100	260/1150/1400	420/1550/1950	580/2,210/2,650	
	Heating	Watts		240/900/1400	210/1105/1700	360/1650/2700	550/2,150/3,600	
E.E.R	Cooling	W/W		3.4(A)*	3.21(A)*	3.21(A)*	3.01(B)*	
	Heating	W/W		3.63(A)*	3.61(A)*	3.41(B)*	2.81(D)*	
Running Current (Min./Standard/Max.)	Cooling	Amps		1.6/3.4/5.1	1.7/5.3/6.4	2.5/7.0/8.5	2.9/10.0/12.0	
	Heating	Amps		1.5/4.3/6.6	1.3/5.1/7.9	2.1/7.5/12.0	2.8/10.0/16.5	
Piping Connection	Liquid	mm (inch)		6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	
	Gas	mm (inch)		9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)	
Power Supply	Ø/V/Hz			1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
Indoor Unit								
Model				NS026NHXEA	NS035NHXEA	NS052NHXEA	NS070NHXEA	
Fan Type				Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	
Air Flow Rate				High m³/min	7.0	8.0	13.0	15.0
Set	Dimension (Net)	WxHxD	mm	825x285x189	825x285x189	1,065x298x218	1,065x298x218	
	Dimension (Gross)	WxHxD	mm	900x349x252	900x349x252	1,137x377x299	1,137x377x299	
	Weight (Net/Gross)		kg	9/11	9/11	13/16	13/16	
Sound Pressure Level		High/Low	dB(A)	32 / 23	36 / 23	40 / 30	41 / 30	
Indoor Filter				Default	Default	default	default	
Outdoor Unit								
Model				UH026EAV1	UH035EAV1	UH052EAV1	UH070EAV2	
Compressor				SINGLE BLDC	SINGLE BLDC	TWIN BLDC	TWIN BLDC	
Refrigerant				Type	R410A	R410A	R410A	
Set	Dimension (Net)	WxHxD	mm	790X548X285	790X548X285	880X638X310	880X798X310	
	Dimension (Gross)	WxHxD	mm	938X610X382	938X610X382	1,023X704X413	1,038X861X406	
	Weight (Net/Gross)		kg	35.5/38	35.5/38	50/53	57/61	
Sound Pressure Level			dB(A)	47	47	49	50	
Temperature Range		Cooling	°C	-10~43	-10~43	49	-15~43	
		Heating	°C	-15~24	-15~24	-20~24	-20~24	
Quantity of Ref.			g	950	950	1,450	1,900	
Extension Length (total)			m	20	20	50	50	
Extension Length (elevation)			m	15	15	30	30	
Standard			m	5	5	5	5	
Additional Ref.			g/m	0	0	30	30	

Optional Accessories

Individual Controllers



MWR-WE00



MWR-WH00



MWR-SH00

Standard Accessories

Wireless Remote Controller



Notes

1) Capacities are based on the following conditions.

- Cooling : - Indoor Temperature 27°C DB/ 19°C WB
- Outdoor Temperature 35°C DB/ 19°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero
- Heating : - Indoor Temperature 20°C DB/ 15°C WB
- Outdoor Temperature 7°C DB/ 6°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

2) Capacities are Net Capacities.

3) Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product. Specifications are subject to change without prior notice for product improvement.

Slim 1Way Cassette



S-inverter

Model	Indoor Unit			SH026EAV1	SH035EAV1
	Outdoor Unit			UH026EAV1	UH035EAV1
Capacity (Min./Standard/Max.)	Cooling	Watts		980/2,600/3,500	980/3,500/4,100
	Heating	Watts		950/3,300/4,600	950/4,000/4,750
Power Input (Min./Standard/Max.)	Cooling	Watts		245/695/1,120	250/1,140/1,420
	Heating	Watts		210/910/1,300	210/1,160/1,390
E.E.R	Cooling	W/W		3.74(A)	3.07(B)
	Heating	W/W		3.63(A)	3.45(B)
Running Current (Min./Standard/Max.)	Cooling	Amps		1.6/3.3/5.2	1.6/5.3/6.6
	Heating	Amps		1.4/5.3/6.4	1.4/5.5/6.8
Piping Connection	Liquid	mm (inch)		6.35(1/4)	6.35(1/4)
	Gas	mm (inch)		9.52(3/8)	9.52(3/8)
Power Supply	Ø/V/Hz			1/220-240/50	1/220-240/50
Indoor Unit					
Model				SH026EAV1	SH035EAV1
Panel				PSSMA	PSSMA
Fan Type				Cross Flow Fan	Cross Flow Fan
Air Flow Rate		High	m³/min	8.0	8.5
Set	Dimension (Net)	WxHxD	mm	970X135X410	970X135X410
	Dimension (Gross)	WxHxD	mm	1,164X212X478	1,164X212X478
	Weight (Net/Gross)		kg	9.9/13	9.9/13
Panel	Dimension (Net)	WxHxD	mm	1,180X25X460	1,180X25X460
	Dimension (Gross)	WxHxD	mm	1,250X126X530	1,250X126X530
	Weight (Net/Gross)		kg	3.1/4.5	3.1/4.5
Sound Pressure Level		High/Low	dB(A)	30/25	32/27
Indoor Filter				Default	Default
Outdoor Unit					
Model				UH026EAV1	UH035EAV1
Compressor				SINGLE BLDC	SINGLE BLDC
Refrigerant		Type		R410A	R410A
Set	Dimension (Net)	WxHxD	mm	790X548X285	790X548X285
	Dimension (Gross)	WxHxD	mm	938X610X382	938X610X382
	Weight (Net/Gross)		kg	35.5/38	35.5/38
Sound Pressure Level			dB(A)	47	47
Temperature Range	Cooling	°C		-10~43	-10~43
	Heating	°C		-15~24	-15~24
Quantity of Ref.			g	950	950
Extension Length (total)			m	20	20
Extension Length (elevation)			m	15	15
Standard			m	5	5
Additional Ref.			a/m	0	0

Optional Accessories

Individual
Controllers



MWR-VE00



MWR-WH00



MWR-SH00



MR-CH01

Panel



PSSMA

Notes

1) Capacities are based on the following conditions.

- Cooling : - Indoor Temperature 27°C DB/ 19°C WB
- Outdoor Temperature 35°C DB/ 19°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

- Heating : - Indoor Temperature 20°C DB/ 15°C WB
- Outdoor Temperature 7°C DB/ 6°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

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4Way Cassette



Model	Indoor Unit			CH070EAV1	CH090EAV
	Outdoor Unit			UH070EAV2	UH090EAV2
Capacity (Min./Standard/Max.)	Cooling	Watts		2,100/7,100/8,200	2,900/9,400/10,350
	Heating	Watts		2,000/8,000/11,300	2,400/11,000/13,400
Power Input (Min./Standard/Max.)	Cooling	Watts		510/2,120/2,700	700/2,930/3,400
	Heating	Watts		510/2,190/3,800	580/3,050/5,500
E.E.R	Cooling	W/W		3.35(A)	3.21(A)
	Heating	W/W		3.7(A)	3.61(A)
Running Current (Min./Standard/Max.)	Cooling	Amps		2.8/9.7/12.1	3.0/13.0/15.0
	Heating	Amps		2.6/10/16.9	2.5/13.5/24.5
Piping Connection	Liquid	mm (inch)		6.35(1/4)	9.52(3/8)
	Gas	mm (inch)		15.88(5/8)	15.88(5/8)
Power Supply	Ø/V/Hz			1/220-240/50	1/220-240/50
Indoor Unit					
Model				CH070EAV1	CH090EAV
Panel				P4SMA	P4SMA
Fan Type				Turbo Fan	Turbo Fan
Air Flow Rate	High	m³/min		17.2	24.0
Set	Dimension (Net)	WxHxD	mm	840X218X840	840X288X840
	Dimension (Gross)	WxHxD	mm	926X360X926	926X360X926
	Weight (Net/Gross)		kg	31/35	29/35
Panel	Dimension (Net)	WxHxD	mm	950X35X950	950X35X950
	Dimension (Gross)	WxHxD	mm	1,042X103X1042	1,042X103X1,042
	Weight (Net/Gross)		kg	7.0/10.3	7.0/10.3
Sound Pressure Level	High/Low	dB(A)		36/30	39/32
Indoor Filter				Default	Default
Outdoor Unit					
Model				UH070EAV2	UH090EAV2
Compressor				TWIN BLDC	TWIN BLDC
Refrigerant			Type	R410A	R410A
Set	Dimension (Net)	WxHxD	mm	880X798X310	932x1,128x375
	Dimension (Gross)	WxHxD	mm	1,038X861X413	1,091x1,286x472
	Weight (Net/Gross)		kg	57/61	95/110
Sound Pressure Level		dB(A)		50	52
Temperature Range	Cooling	°C		-15~43	-15~50
	Heating	°C		-20~24	-20~24
Quantity of Ref.				1,900	2,600
Extension Length (total)				50	75
Extension Length (elevation)				30	30
Standard				5	7.5
Additional Ref.				30	40

Optional Accessories

Individual Controllers



MWR-WE00



MWR-WH00



MWR-SH00



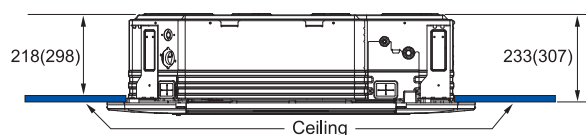
MR-CH01

Panel



P4SMA

Note



- Numbers within parenthesis are the values for large capacity units*.
- At least 245mm (315mm for large capacity units*) of space is need for installation.

* Large capacity units : 9.0/10.5/14.0kW



S-inverter

CH105EAV UH105EAV2	CH105EAV UH105GAV	CH140EAV UH140EAV2	CH140EAV UH140GAV
3,200/10,500/12,000	3,200/10,500/12,000	3,800/14,000/15,400	3,800/14,000/15,400
2,600/11,200/15,500	2,600/11,200/15,500	3,450/16,000/19,500	3,450/16,000/19,500
700/3,270/3,800	700/3270/3,800	900/4,650/5,400	900/4,650/5,400
580/3,100/5,600	580/3100/5,600	750/4,690/6,400	750/4,690/6,400
3.21(A)	3.21(A)	3.01(B)	3.01(B)
3.61(A)	3.61(A)	3.41(B)	3.41(B)
3.0/15.0/16.5	1.3/5.0/6.0	4.0/20.0/23.5	1.4/7.2/8.5
2.6/13.8/25	1.1/5.0/8.6	3.3/20.5/27.5	1.3/7.3/10.2
9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
1/220-240/50	3/380-415/50	1/220-240/50	3/380-415/50
CH105EAV	CH105EAV	CH140EAV	CH140EAV
P4SMA	P4SMA	P4SMA	P4SMA
Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
25.7	22.2/25.7	30.0	28.0/30.0
840X288X840	840X288X840	840X288X840	840X288X840
926X360X926	926X360X926	926X360X926	926X360X926
29/35	29/35	29/35	29/35
950X35X950	950X35X950	950X35X950	950X35X950
1,042X103X1,042	1,042X103X1,042	1,042X103X1,042	1,042X103X1,042
7.0/10.3	7.0/10.3	7.0/10.3	7.0/10.3
40/33	40/33	45/38	45/38
Default	Default	Default	Default
UH105EAV2	UH105GAV	UH140EAV2	UH140GAV
TWIN BLDC	TWIN BLDC	TWIN BLDC	TWIN BLDC
R410A	R410A	R410A	R410A
932x1,128x375	932x1,128x375	932x1,128x375	932x1,128x375
1091x1,286x472	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472
95/110	88/93	105/120	105/120
53	56	55	59
-15~50	-15~50	-15~50	-15~50
-20~24	-20~24	-20~24	-20~24
2,800	2,800	3,100	2,800
75	75	75	75
30	30	30	30
7.5	7.5	7.5	7.5
40	40	40	40

Notes

1) Capacities are based on the following conditions.

- Cooling : - Indoor Temperature 27°C DB/ 19°C WB
- Outdoor Temperature 35°C DB/ 19°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

- Heating : - Indoor Temperature 20°C DB/ 15°C WB
- Outdoor Temperature 7°C DB/ 6°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

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Specifications are subject to change without prior notice for product improvement.

Mini 4Way Cassette



S-inverter

Model	Indoor Unit			TH026EAV1	TH035EAV1	TH052EAV1	TH060EAV1
	Outdoor Unit			UH026EAV1	UH035EAV1	UH052EAV1	UH060EAV1
Capacity (Min./Standard/Max.)	Cooling	Watts		990/2,600/3,500	990/3,500/4,200	1,600/4,700/6,000	1,800/5,800/6,500
	Heating	Watts		980/3,300/4,600	980/4,000/5,000	1,300/5,500/9,000	1,800/7,000/10,000
Power Input (Min./Standard/Max.)	Cooling	Watts		260/730/1,100	260/1,090/1,400	500/1,460/2,200	550/1,930/2,100
	Heating	Watts		240/900/1,400	250/1,100/1,400	480/1,590/3,200	510/2,180/3,700
E.E.R	Cooling	W/W		3.56(A)	3.21(A)	3.22(A)	3.01(B)
	Heating	W/W		3.67(A)	3.64(A)	3.53(B)	3.21(C)
Running Current (Min./Standard/Max.)	Cooling	Amps		1.6/3.4/5.1	1.6/5.0/6.4	2.4/6.7/10.0	2.7/8.8/9.4
	Heating	Amps		1.5/4.3/6.6	1.5/5.1/6.7	2.6/7.4/15.0	2.6/10.5/16.6
Piping Connection	Liquid	mm (inch)		6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas	mm (inch)		9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)
Power Supply		Ø/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Indoor Unit							
Model				TH026EAV1	TH035EAV1	TH052EAV1	TH060EAV1
Panel				PMSMA	PMSMA	PMSMA	PMSMA
Fan Type				Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Air Flow Rate			High m³/min	11.0	12.0	12.9	13.6
Set	Dimension (Net)	WxHxD	mm	575X260X575	575X260X575	575X260X575	575X260X575
	Dimension (Gross)	WxHxD	mm	660X310X635	660X310X635	660X310X635	660X310X635
	Weight (Net/Gross)		kg	17/20	17/20	17/20	17/20
Panel	Dimension (Net)	WxHxD	mm	670X35X670	670X35X670	670X35X670	670X35X670
	Dimension (Gross)	WxHxD	mm	717X93X717	717X93X717	717X93X717	717X93X717
	Weight (Net/Gross)		kg	2.6/4.2	2.6/4.2	2.6/4.2	2.6/4.2
Sound Pressure Level		High/Low	dB(A)	30/25	34/27	41/33	41/33
Indoor Filter				Default	Default	Default	Default
Outdoor Unit							
Model				UH026EAV1	UH035EAV1	UH052EAV1	UH060EAV1
Compressor				SINGLE BLDC	SINGLE BLDC	TWIN BLDC	TWIN BLDC
Refrigerant			Type	R410A	R410A	R410A	R410A
Set	Dimension (Net)	WxHxD	mm	790X548X285	790X548X285	880X638X310	880X798X310
	Dimension (Gross)	WxHxD	mm	938X610X382	938X610X382	1,023X704X413	1,038X861X413
	Weight (Net/Gross)		kg	35.5/38	35.5/38	50/53	57/61
Sound Pressure Level			dB(A)	47	47	49	52
Temperature Range		Cooling	°C	-10~43	-10~43	-15~43	-15~43
		Heating	°C	-15~24	-15~24	-20~24	-20~24
Quantity of Ref.				950	950	1,450	1,900
Extension Length (total)				m 20	20	50	50
Extension Length (elevation)				m 15	15	30	30
Standard				m 5	5	5	5
Additional Ref.				q/m 0	0	30	30

Optional Accessories

Individual Controllers



MWR-WE00



MWR-WH00



MWR-SH00



MR-CH01

Panel



PMSMA

Notes

1) Capacities are based on the following conditions.

- Cooling : - Indoor Temperature 27°C DB/ 19°C WB
- Outdoor Temperature 35°C DB/ 19°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

Heating : - Indoor Temperature 20°C DB/ 15°C WB

- Outdoor Temperature 7°C DB/ 6°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

2) Capacities are Net Capacities.

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Slim Duct



S-inverter

Model	Indoor Unit		EH035EAV1	EH052EAV1	EH070EAV1
	Outdoor Unit		UH035EAV1	UH052EAV1	UH070EAV2
Capacity (Min./Standard/Max.)	Cooling	Watts	980/3,500/4,200	1,700/5,000/6,000	2,200/7,100/8,000
	Heating	Watts	980/4,000/5,200	1,500/6,000/8,000	1,900/8,000/11,000
Power Input (Min./Standard/Max.)	Cooling	Watts	260/1,150/1,400	420/1,550/1,950	580/2,210/2,650
	Heating	Watts	210/1,105/1,700	360/1,650/2,700	550/2,150/3,600
E.E.R	Cooling	W/W	3.04(B)	3.23(A)	3.21(A)
	Heating	W/W	3.62(A)	3.64(A)	3.62(A)
Running Current (Min./Standard/Max.)	Cooling	Amps	1.7/5.3/6.4	2.5/7.0/8.5	2.9/10.0/12.0
	Heating	Amps	1.3/5.1/7.9	2.1/7.5/12.0	2.8/10.0/16.5
Piping Connection	Liquid	mm (inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas	mm (inch)	9.52(3/8)	12.7(1/2)	15.88(5/8)
Power Supply		Ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Indoor Unit					
Model			EH035EAV1	EH052EAV1	EH070EAV1
Fan Type			Sirocco fan	Sirocco fan	Sirocco fan
Air Flow Rate	High	m³/min	11.0	16.5	19.6
External Static Pressure (Min./Standard/Max.)		mmAq	0/2/4	0/2/4	0/2/4
Set	Dimension (Net)	WxHxD mm	900X199X600	1,100X199X600	1,100X199X600
	Dimension (Gross)	WxHxD mm	1,133X333X722	1,330X330X730	1,330X330X730
	Weight (Net/Gross)	kg	26/31	31/39	31/39
Sound Pressure Level	High/Low	dB(A)	32/27	33/30	36/32
Drain Pump Kit (Option)			MDP-E075SEE	MDP-E075SEE	MDP-E075SEE
Indoor Filter			Default	Default	Default
Outdoor Unit					
Model			UH035EAV1	UH052EAV1	UH070EAV2
Compressor			SINGLE BLDC	TWIN BLDC	TWIN BLDC
Refrigerant	Type		R410A	R410A	R410A
	Dimension (Net)	WxHxD mm	790X548X285	880X638X310	880X798X310
Set	Dimension (Gross)	WxHxD mm	938X610X382	1,023X704X413	1,038X861X406
	Weight (Net/Gross)	kg	35.5/38	50/53	57/61
Sound Pressure Level		dB(A)	47	49	50
Temperature Range	Cooling	°C	-10~43	-15~43	-15~43
	Heating	°C	-15~24	-20~24	-20~24
Quantity of Ref.		g	950	1,450	1,900
Extension Length (total)		m	20	50	50
Extension Length (elevation)		m	15	30	30
Standard		m	5	5	5
Additional Ref.		g/m	0	30	30

Optional Accessories

Individual Controllers



MWR-WE00



MWR-WH00



MR-CH01

Drain Pump



MDP-E075SEE / MDP-E075SEE1

Standard Accessories

Wired Remote Controller



Notes

1) Capacities are based on the following conditions.

- Cooling : - Indoor Temperature 27°C DB/ 19°C WB
- Outdoor Temperature 35°C DB/ 19°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

Heating : - Indoor Temperature 20°C DB/ 15°C WB

- Outdoor Temperature 7°C DB/ 6°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

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MSP Duct



Model	Indoor Unit		DH052EAV1	DH070EAV1	DH090EAV	DH105EAV
	Outdoor Unit		UH052EAV1	UH070EAV2	UH090EAV2	UH105EAV2
Capacity (Min./Standard/Max.)	Cooling	Watts	1,700/5,000/6,000	2,200/7,100/8,000	2,900/9,000/10,000	3,350/10,500/12,000
	Heating	Watts	1,700/6,000/8,300	1,900/8,000/11,000	2,400/9,500/11,400	2,600/11,200/15,500
Power Input (Min./Standard/Max.)	Cooling	Watts	550/1,560/1,950	580/2,210/2,650	800/2,800/3,400	830/3,270/3,700
	Heating	Watts	480/1,760/2,750	550/2,150/3,600	700/2,780/5,500	740/3,100/5,500
E.E.R	Cooling	W/W	3.21(A)	3.21(A)	3.21(A)	3.21(A)
	Heating	W/W	3.41(B)	3.72(A)	3.41(B)	3.61(A)
Running Current (Min./Standard/Max.)	Cooling	Amps	3.1/7.5/9.3	2.9/10.0/12.0	3.5/12.4/15.0	3.6/15/16
	Heating	Amps	2.6/8.4/13.1	2.8/10.0/16.5	3.1/12.3/24.5	3.2/13.5/23.8
Piping Connection	Liquid	mm (inch)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)
	Gas	mm (inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
Power Supply	Ø/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Indoor Unit						
Model			DH052EAV1	DH070EAV1	DH090EAV	DH105EAV
Fan Type			Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
Air Flow Rate	High	m³/min	16.5	19.6	24	28.1
External Static Pressure (Min./Standard/Max.)	mmAq		0/4/8	0/4/10	0/6/8	0/8/12
Set	Dimension (Net)	WxHxD mm	900X260X480	1,150X260X480	1,150X320X480	1,150X320X480
	Dimension (Gross)	WxHxD mm	1,146X363X584	1,390X345X575	1,396X424X524	1,396X424X524
	Weight (Net/Gross)	kg	29.5/34.5	34/40	33/39	39/46
Sound Pressure Level	High/Low	dB(A)	37/33	39/35	39/35	39/35
Drain Pump Kit (Option)			MDP-M075SGU3	MDP-M075SGU1	MDP-M075SGU1	MDP-M075SGU1
Indoor Filter			Default	Default	Default	Default
Outdoor Unit						
Model			UH052EAV1	UH070EAV2	UH090EAV2	UH105EAV2
Compressor			TWIN BLDC	TWIN BLDC	TWIN BLDC	TWIN BLDC
Refrigerant	Type		R410A	R410A	R410A	R410A
Set	Dimension (Net)	WxHxD mm	880X638X310	880X798X310	932x1,128x375	932x1,128x375
	Dimension (Gross)	WxHxD mm	1,023X704X413	1,038X861X406	1,091x1,286x472	1,091x1,286x472
	Weight (Net/Gross)	kg	50/53	57/61	95/110	95/110
Sound Pressure Level		dB(A)	49	50	52	53
Temperature Range	Cooling	°C	-15~43	-15~43	-15~50	-15~50
	Heating	°C	-20~24	-20~24	-20~24	-20~24
Quantity of Ref.			1,450	1,900	2,600	2,800
Extension Length (total)			50	50	75	75
Extension Length (elevation)			30	30	30	30
Standard			5	5	7.5	7.5
Additional Ref.	g/m		30	30	40	40

Optional Accessories

Individual Controllers



MWR-WE00



MWR-WH00



MR-CH01

Drain Pump



MDP-M075SGU1 / MDP-M075SGU2 /
MDP-M075SGU3

Standard Accessories

Individual Controllers





S-inverter		
DH105EAV	DH140EAV	DH140EAV
UH105GAV	UH140EAV2	UH140GAV
3,350/10,500/12,000	3,450/14,000/15,400	3,450/14,000/15,400
2,600/11,200/15,500	3,750/16,000/19,500	3,750/16,000/19,500
830/3,270/3,700	1,110/4,650/5,300	1,110/4,650/5,300
740/3,100/5,500	1,020/4,430/5,800	1,020/4,430/5,800
3.21(A)	3.01(B)	3.01(B)
3.61(B)	3.61(A)	3.61(A)
1.4/5.0/6.1	4.8/20/23.4	1.8/7.4/8.8
1.3/5.0/8.5	4.4/19.2/25.2	1.7/7.0/9.5
9.52	9.52(3/8)	9.52
15.88	19.05(3/4)	19.05
3/380-415/50	1/220-240/50	3/380-415/50
DH105EAV	DH140EAV	DH140EAV
Sirocco fan	Sirocco fan	Sirocco fan
27.5/28.1	36.8	35.6/36.8
0/8/12	0/8/14	0/8/14
1,150X320X480	1,200X360X650	1,200X360X650
1,396X584X424	1,447X425X769	1,447X425X769
39/46	55/60	55/60
39/35	43/38	43/38
MDP-M075SGU1	MDP-M075SGU2	MDP-M075SGU2
Default	Default	Default
UH105GAV	UH140EAV2	UH140GAV
TWIN BLDC	TWIN BLDC	TWIN BLDC
R410A	R410A	R410A
930X1,135X375	932x1,128x375	930X1,135X375
1,060X1,268X487	1,091x1,286x472	1,060X1,268X487
105/120	105/120	105/120
56	55	59
-15~50	-15~50	-15~50
-20~24	-20~24	-20~24
2,800	3,100	2,800
75	75	75
30	30	30
7.5	7.5	7.5
40	40	40

Notes

1) Capacities are based on the following conditions.

- Cooling : - Indoor Temperature 27°C DB/ 19°C WB
- Outdoor Temperature 35°C DB/ 19°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

- Heating : - Indoor Temperature 20°C DB/ 15°C WB
- Outdoor Temperature 7°C DB/ 6°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

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Console



S-inverter

Model	Indoor Unit			JH026EAV1	JH035EAV1	JH052EAV1
	Outdoor Unit			UH026EAV1	UH035EAV1	UH052EAV1
Capacity (Min./Standard/Max.)	Cooling	Watts	980/2,600/3,500		990/3,500/4,200	
	Heating	Watts	950/3,500/4,700		990/4,000/5,000	
Power Input (Min./Standard/Max.)	Cooling	Watts	240/670/1,050		270/1,090/1,350	
	Heating	Watts	220/970/1,300		240/1,108/1,350	
E.E.R	Cooling	W/W	3.88(A)		3.21(A)	
	Heating	W/W	3.93(A)		3.63(A)	
Running Current (Min./Standard/Max.)	Cooling	Amps	1.6/3.3/5.0		2.0/5.2/6.2	
	Heating	Amps	1.4/4.7/6.3		1.6/5.3/6.6	
Piping Connection	Liquid	mm (inch)	6.35(1/4)		6.35(1/4)	
	Gas	mm (inch)	9.52(3/8)		9.52(3/8)	
Power Supply	Ø/V/Hz			1/220~240/50	1/220~240/50	1/220~240/50
Indoor Unit						
Model				JH026EAV1	JH035EAV1	JH052EAV1
Fan Type				Turbo Fan	Turbo Fan	Turbo Fan
Air Flow Rate	High	m³/min	8.1		9	
Set	Dimension (Net)	WxHxD mm	720X620X199		720X620X199	
	Dimension (Gross)	WxHxD mm	810X710X295		810X710X295	
	Weight (Net/Gross)	kg	14.5/18.5		14.5/18.5	
Sound Pressure Level	High/Low	dB(A)	38/23		39/24	
Indoor Filter(Catechin, Deodorizing)				Default	Default	Default
Outdoor Unit						
Model				UH026EAV1	UH035EAV1	UH052EAV1
Compressor				SINGLE BLDC	SINGLE BLDC	SINGLE BLDC
Refrigerant				R410A	R410A	R410A
Set	Dimension (Net)	WxHxD mm	790X548X285		790X548X285	
	Dimension (Gross)	WxHxD mm	938X610X382		938X610X382	
	Weight (Net/Gross)	kg	35.5/38		35.5/38	
Sound Pressure Level		dB(A)	47		47	
Temperature Range	Cooling	°C	-10~43		-10~43	
	Heating	°C	-15~24		-15~24	
Quantity of Ref.		g	950		950	
Extension Length (total)		m	20		20	
Extension Length (elevation)		m	15		15	
Standard		m	5		5	
Additional Ref.		g/m	0		0	

Optional Accessories

Individual
Controllers



MWR-WE00



MWR-WH00

Standard Accessories

Wireless Remote
Controllers



Notes

1) Capacities are based on the following conditions.

- Cooling : - Indoor Temperature 27°C DB/ 19°C WB
- Outdoor Temperature 35°C DB/ 19°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

Heating : - Indoor Temperature 20°C DB/ 15°C WB

- Outdoor Temperature 7°C DB/ 6°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

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Ceiling



S-inverter

Model	Indoor Unit		FH052EAV1	FH070EAV1
	Outdoor Unit		UH052EAV1	UH070EAV2
Capacity (Min./Standard/Max.)	Cooling	Watts	1,700/5,000/5,600	2,000/7,100/8,000
	Heating	Watts	1,700/6,000/8,000	2,000/8,000/10,500
Power Input (Min./Standard/Max.)	Cooling	Watts	480/1,660/1,900	610/2,520/2,900
	Heating	Watts	430/1,870/3,050	580/2,750/3,700
E.E.R	Cooling	W/W	3.01(B)	2.82(C)
	Heating	W/W	3.21(C)	2.81(D)
Running Current (Min./Standard/Max.)	Cooling	Amps	2.8/7.8/9.0	3.0/11.5/13.0
	Heating	Amps	2.4/8.8/14.5	2.9/12.5/17.0
Piping Connection	Liquid	mm (inch)	6.35(1/4)	6.35(1/4)
	Gas	mm (inch)	12.7(1/2)	15.88(5/8)
Power Supply	Ø/V/Hz		1/220-240/50	1/220-240/50
Indoor Unit				
Model			FH052EAV1	FH070EAV1
Fan Type			Sirocco fan	Sirocco fan
Air Flow Rate	High	m³/min	14.5	16.0
Set	Dimension (Net)	WxHxD mm	1,000X200X650	1,000X200X650
	Dimension (Gross)	WxHxD mm	1,074X294X726	1,074X294X726
	Weight (Net/Gross)	kg	22/26	22/26
Sound Pressure Level	High/Low	dB(A)	38/32	41/36
Indoor Filter(Catechin, Deodorizing)			default	default
Outdoor Unit				
Model			UH052EAV1	UH070EAV2
Compressor			TWIN BLDC	TWIN BLDC
Refrigerant	Type		R410A	R410A
Set	Dimension (Net)	WxHxD mm	880X638X310	880X798X310
	Dimension (Gross)	WxHxD mm	1,023X704X413	1,038X861X413
	Weight (Net/Gross)	kg	50/54	57/63
Sound Pressure Level		dB(A)	49	50
Temperature Range	Cooling	°C	-15~43	-15~43
	Heating	°C	-20~24	-20~24
Quantity of Ref.		g	1,450	1,900
Extension Length (total)		m	50	50
Extension Length (elevation)		m	30	30
Standard		m	5	5
Additional Ref.		g/m	30	30

Optional Accessories

Individual
Controllers



MWR-WE00



MWR-WH00



MR-CH01

Standard Accessories

Wireless Remote
Controllers

Notes

1) Capacities are based on the following conditions.

- Cooling : - Indoor Temperature 27°C DB/ 19°C WB
- Outdoor Temperature 35°C DB/ 19°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

- Heating : - Indoor Temperature 20°C DB/ 15°C WB
- Outdoor Temperature 7°C DB/ 6°C WB
- Interconnecting Piping Length [7.0kW ↓: 5.0m, 9.0kW ↑: 7.5m]
- Level Difference of Zero

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Icon Index

Wall-mounted Type Icon



Auto Roof Shutter

Air conditioner automatically seals off to prevent dirt infiltration.

Micro Plasma Ionizer



Virus Doctor generates Hydrogen atoms and Oxygen ions to create healthier air.



DNA Filter

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



Good'sleep II

Control the air temperature during your sleep to enjoy a comfortable sleep and refreshed wake up.

Cassette Type Icon



WIDE BLADE

Wider blades provide more even cooling power.



CEILING SOILING PREVENTION

Newly designed panel prevents ceiling contamination.



FRESH AIR INTAKE

Optional air intake motor brings in fresh air from outside.



HIGH LIFT-UP DRAIN PUMP

Lift-up condensed water up to 750mm higher than any other competitor.



QUICK CONNECTION OF DRAIN PIPE

Unique drain pipe connection is easy to install.



SUB DUCT

The Sub Duct makes it easy to provide air conditioning to a nearby smaller space.

Duct Type Icon



ANTI-BACTERIA FILTER

Anti-bacteria Filter traps dust particles and suppresses proliferation of moulds and bacteria.



EASY FILTER CLEANING

Filter cleaning indicator will let you know when the filter needs to be cleaned.



HIGH LIFT-UP DRAIN PUMP

Lift-up condensed water up to 750mm higher than any other competitor.



SMART PRESSURE CONTROL

Adjusts fan speed to provide constant cooling and heating performance.



WIRED REMOTE CONTROLLER

Default wired remote controller is provided.

Floor & Convertible Type Icon



INTERIOR DESIGN

The clean, modern design complements any decor.



ANTI-BACTERIA FILTER

Anti-bacteria Filter traps dust particles and suppresses proliferation of moulds and bacteria.



LIGHT WEIGHT UNIT

Extremely lightweight, so maintenance and installation is easy.



AUTO CHANGEOVER

Automatically changes operation mode according to temperature setting.



FLEXIBLE PIPE INSTALLATION

The pipe can be installed in 6 different places for more placement options.



SILENT MODE

Indoor and outdoor unit operates silently.



WIRELESS REMOTE CONTROLLER

Default wireless remote controller is provided.

Control Systems Icon



ON/OFF, OPERATION MODE, FAN SPEED, AIRFLOW, TEMPERATURE SETTING



SLEEP & SILENT MODE



WIRELESS REMOTE CONTROL RESTRICTION



CHILD LOCK



INDIVIDUAL AND GROUP CONTROL (MAXIMUM 16 INDOOR UNITS)



BUILT-IN ROOM TEMPERATURE SENSOR



CLEAR & BRIGHT SCREEN WITH LCD BACKLIGHT



FILTER REPLACEMENT ALARM RESET



ERROR DISPLAY



AUTOMATIC STOP MODE



SAMSUNG

air conditioning centre

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