Imagination *lives*

Space for Partnership

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Version.1

SAMSUNG

2009 **SAMSUNG** SYSTEM AIR CONDITIONERS

SAMSUNG
System Air Conditioner
DVM
2009

When the revolutionary digital technology provides nature's coolness

Imagination *lives*

Experience the revolutionary
digital technology with Samsung's
DVM Plus Ⅲ outdoor units

SAMSUNG

Most perfect **system air conditioner**

Refreshing cooling and heating all year long with the world's best efficiency that saves money and energy. Satisfaction that only Samsung's leading technologies can provide. Just the way you want your system air conditioner to be, as it is custom made for you.

SAMSUNG ELECTRONICS HOME APPLIANCE PRODUCT AWARDS

Technology can contribute to the development of a greener, cleaner world and increase quality of life. This is a philosophy we have held at Samsung for over 30 years. Ever since its establishment in 1973, Samsung Electronics has concentrated on developing environmentally friendly products and has converged increasingly sophisticated digital technology with its appliance products to attain a strong technological advantage in improving consumers' quality of living with the ultimate in convenience and style.

Contents

2009 SAMSUNG **DVM AIR CONDITIONER**

Big Confidence Global Leading Company >> SAMSUNG

Since day one, Samsung Electronics has committed itself to becoming a leader in every facet of its market initiatives. The result is the growth of a brand that's synonymous with impeccable standards, high quality products, and an unwavering dedication to the customer. Through continuous creativity and the development of highly innovative products, Samsung has captured the hearts and minds of customers worldwide, which will propel our company and our brand well into the future.

SAMSUNG'S BRAND VALUE

In the Digital era, products are being distinguished by their brand in addition to their functions or quality. In 1999 Samsung Electronics has implemented its global brand communication strategy. Since then, based on the research conducted by Interbrand INC., USA, Samsung Electronics has become one of the fastest growing brands equities from 6.4 billion USD (2001) to over 17.7 billion USD (2008) and is now ranked 21st on Interbrand's Top100 Global Brand List.
Samsung has increased its value by emphasizing technology as a life innovator. Samsung will remain close to the customer through its technologies contributing to a higher quality of life.

1 Coca-Cola
2 Microsoft
3 IBM
11 Citi Bank
21 SAMSUNG
22 Merril Lynch
25 Sony
29 Nike

GLOBAL BUSINESS NETWORK

Samsung's thrust on Product Innovation and R&D has given the company a competitive edge in the marketplace. With an investment of over USD 4.59 billion, Samsung operates 16 R&D centers worldwide and employs 27,000 researchers of which 2,500 hold a Ph. D. As a result, Samsung has already applied for 1600 patents in the USA. The focus of the R&D center is to customize electronics products to meet the Specific needs of consumers in that region. Samsung R&D Centers are helping the company to continuously innovate and introduce products customized for today's global market.

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

Thinking of You.

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

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

BETTER

BAD

7	**Nokia:**Clear leader after improving take-back in India.
5.7	**SAMSUNG /** Good scores on chemicals and e-waste criteria.
5.5	**Fujitsu Siemens:**New deadline for removal of BFRs and PVC but still poor on recycling.
5.3	**Sony Ericsson:**Good on toxic chemicals and energy but very poor on recycling.
5.3	**Sony:**Good on toxic chemicals, room for improvement on energy.
4.9	**LG:**Improved score on recycling and energy.
4.7	**Toshiba:**Improved climate policy, but poor on recycling.
4.7	**Dell:**Dropping down with poor scores on climate policy.
4.7	**HP:**Slightly improved score but no products free of most toxic chemicals.
4.5	**Acer:**Good on chemicals policy but poor on energy policy.
4.5	**Panasonic:**Needs to improve recycling and amount of renewable energy.
4.3	**Philips:**Worst company on recycling with additional penalty for negative lobbying in Europe.
4.1	**Apple:**Progress on eliminating toxics from new products but needs to improve on recycling and energy.
4.1	**Lenovo:**New US tack back scheme, but still no products free of worst toxic chemicals.
3.7	**Motorola:**Only phone company not to set a timeline for eliminating worst toxic chemicals.
3.1	**Sharp:**Most points on toxic chemicals, poor on recycling and energy.
2.2	**Microsoft:**Very poor on recycling and energy.
0.8	**Nintendo:**Zero on most criteria except chemicals management and energy.

[Standard for the second quarter, 2008]

Reported by Greenpeace

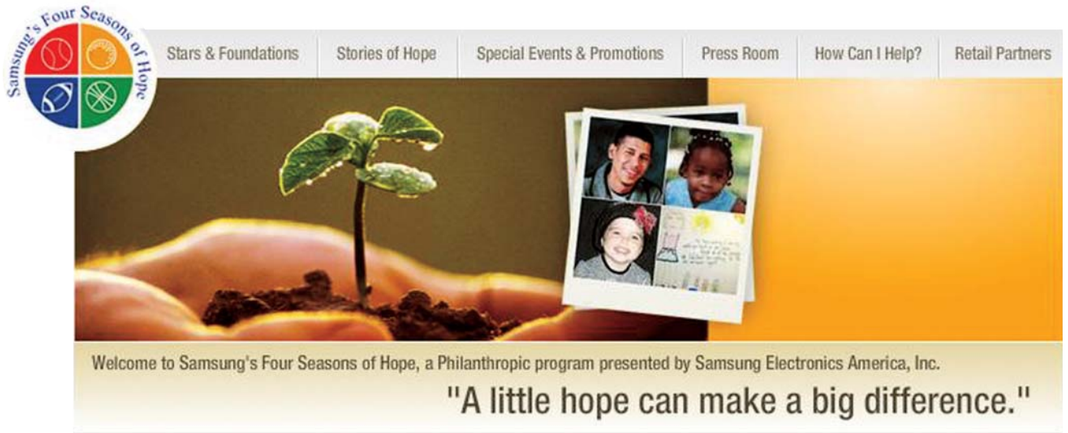
Samsung comes in second place with 5.7, scoring well on chemicals and waste criteria. Samsung's score on e-waste is helped by getting top marks for reporting recycling rates of 137% for TVs (based on past sales 10 years ago, the average life span, since when Samsung's TV sales have increased 10-fold),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

Eco-labels & Declaration

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

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

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



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 affecting 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 System Air Conditioner

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

iF Product Design Award 2009

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

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

Comfort & Design Award 2008

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

Above awards were granted to Samsung's MB air Conditioner

Line- Up | Outdoor Units

DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Basic Model

Line up					
	DVM PLUS Ⅲ	RVXVHT080GE	RVXVHT100GE	RVXVHT120GE	RVXVHT140GE
	DVM PLUS Ⅲ HR	RVXVRT080GE	RVXVRT100GE	RVXVRT120GE	RVXVRT140GE
High Efficiency Combination		8HP	10HP	12HP	14HP

Line up						
	DVM PLUS Ⅲ	RVXVHT080GE	RVXVHT100GE	RVXVHT120GE	RVXVHT140GE	RVXVHT160GE
	DVM PLUS Ⅲ HR	RVXVRT080GE	RVXVRT100GE	RVXVRT120GE	RVXVRT140GE	RVXVRT160GE
Compact Combination		8HP	10HP	12HP	14HP	16HP

Combination Table

High Efficiency Combination

Model	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56
RVXVHT080GE RVXVRT080GE	2	1			3	2	1														
RVXVHT100GE RVXVRT100GE		1	2	1		1	2	3	2	2	1	1			3	2	2	1			
RVXVHT120GE RVXVRT120GE				1					1		1		1				1		1	2	1
RVXVHT140GE RVXVRT140GE										1	1	2	2	3	1	1	2	2	2	3	4

Compact Combination

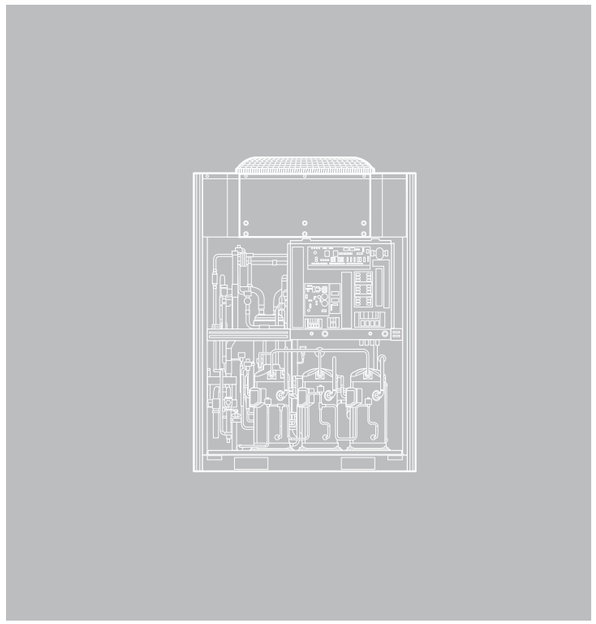
Model	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
RVXVHT080GE RVXVRT080GE	1																							
RVXVHT100GE RVXVRT100GE	1	2	1	1					1										1	1	1			
RVXVHT120GE RVXVRT120GE			1		1				2	3	2	2	1				3	3	1			1		
RVXVHT140GE RVXVRT140GE				1	1	2	1				1		1	2	1		1			1			1	
RVXVHT160GE RVXVRT160GE							1	2				1	1	1	2	3		1	2	2	3	3	3	4

Mini DVM

4HP	5HP	6HP

Line- Up | Indoor Units

	Type \ Capacity	7K Btu/h 2.2 kW	9K Btu/h 2.8 kW	12K Btu/h 3.6 kW	15K Btu/h 4.5 kW	18K Btu/h 5.6 kW	21K Btu/h 6.0 kW	24K Btu/h 7.1 kW	30K Btu/h 9.0 kW	36K Btu/h 11.2 kW	44K Btu/h 12.8 kW	48K Btu/h 14.0 kW
Wall-mounted Type	MB											
	Vivace											
	Neo Forte											
Cassette Type	Slim 1Way											
	2Way Cassette											
	Mini 4Way Cassette											
	4Way Cassette											
Duct Type	Slim Duct											
	M.S.P Duct											
Floor & Convertible Type	Console											
	Ceiling											



Perfect technology for perfect air

MAIN TECHNOLOGY

Samsung's leading technology from innovative thinking has brought another masterpiece of system air conditioners. World's best efficiency with the even more stable performance creates the perfect environment.

Main Technology

Overview

DVM Plus III System Air Conditioner has a number of key technologies that improves performance.
Here are the main technologies which create the perfect cooling and heating atmosphere.

Fan Guard
Optimized fan guard design enhanced air flow volume which achieved the high heat transfer performance without increased noise.

Φ8 Heat Exchanger
Highly efficient Φ8 Grooved tube has been applied to reduce pressure loss while increasing heat transfer performance to improve COP.

New G-Fin
High efficiency new G-fin improved heat transfer performance and reinforce corrosion resistance.

Turbo Intercooler
Turbo intercooler(Shell and Tube Type) improves cooling and heating COP and secure reliability on long piping installation.

DVI Compressor
DVI (Digital Vapor Injection) compressor injects optimized mid-range pressure refrigerant to improve cooling and heating performance and efficiency.

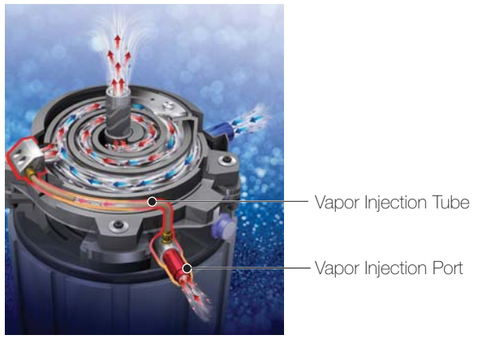
Digital Hybrid System

DHS (Digital Hybrid System) is a brand new concept system composed of DVI compressor, vapor injection technology and turbo intercooler. These 3 factors together provide highly efficient performance.

DVI Compressor
Efficient and reliable DVI Compressor coupled with Vapor Injection technology has been applied to improve cooling and heating performance and energy efficiency.

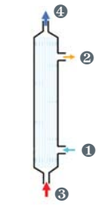
Vapor Injection Technology
Improved cooling and heating performance and COP by a new technology of two stage compression. This technology achieved the high heating performance and COP under the lowest temperature, which leads the industry.

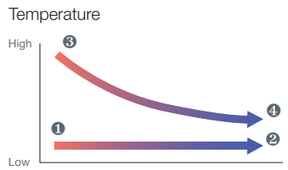
- Increase refrigerant flow rates with a new Vapor Injection technology.
- Improved Sub-cooling necessary for long piping runs while increasing cooling and heating performance and COP.

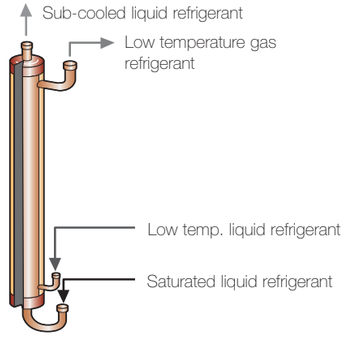


Turbo Intercooler
Turbo intercooler (Shell & Tube Type) improved cooling and heating COP, to secure reliability on long piping installation.

- Improve COP with the application of Turbo intercooler.
- Adequate sub-cooling to ensure reliable operation on installations with long piping (200m).







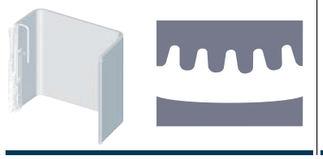
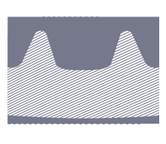
Main Technology

ϕ8 Heat Exchanger and New G-fin

High Efficiency ϕ8 Heat Exchanger

Efficient ϕ8 Grooved tube reduced pressure loss while increasing heat exchange rates to improve COP.

- Groove shape is designed to be high and slim to increase heat transfer performance inside the tube.

DVM PLUS III New Groove Shape (High and Slim)	Competitor's Product
	

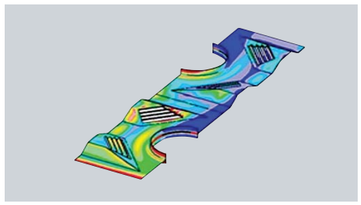
Item		Improved Heat Exchanger
Diameter		ϕ7 → ϕ8
Heat transfer surface area		19% ↑
Pressure loss in heat exchanger	Evaporation	14.1% ↓
	Condensation	10.3% ↓
Internal heat transfer performance		30.8% ↑
Pressure resistance		same

New G - Fin

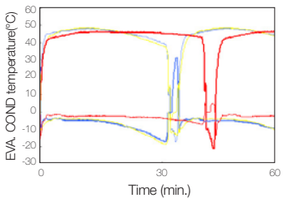
Highly efficient new G-Fin increases heat transfer performance, reinforced corrosion resistance, and increased operating duration in frost condition.

- Heat transfer performance improved by 13% compared to the conventional fin, even with the equivalent pressure loss.
- Epoxy Acrylic Coating reinforced corrosion resistance.
- Heating operation time is 1.4 times longer in frost condition due to new G-Fin.

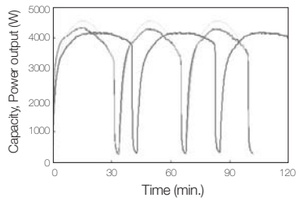
DVM PLUS III (New G-Fin)	Conventional (Louver Fin)
	

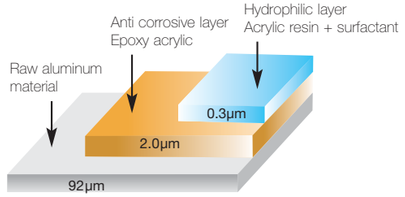


G - Fin



Wide Louver Fin



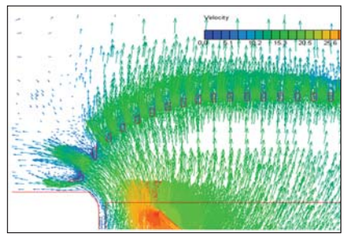


Newly Designed Fan Guard

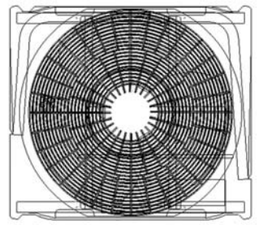
Fan Guard has been optimized to improve air volume and reduce noise and vibration.

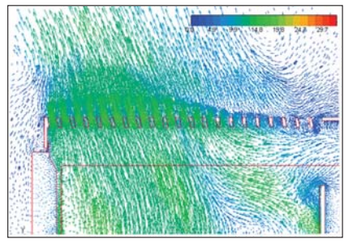
- BLDC Motor, which is 2.7% more efficient than the competitors, has been applied.
- Applied high static pressure propeller fan and the optimum Bell Mouth form for high external static pressure. (External static pressure: 8mmAq)

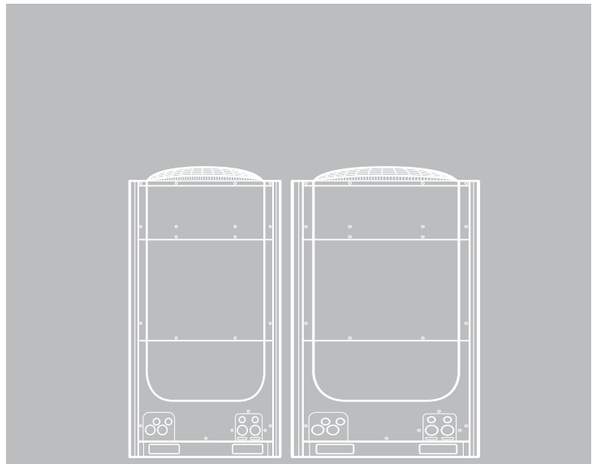
DVM PLUS Ⅲ



Conventional Model







02
OUTDOOR UNITS

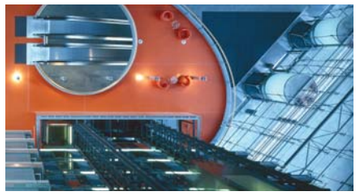
Efficiently provide the perfect air

OUTDOOR UNITS

For commercial places and high buildings, no matter how high or how large, DVM Plus Ⅲ will be the perfect fit for any type of space. The world's largest capacity, longest piping length and the highest efficiency rate, DVM Plus Ⅲ will be perfect fit for any type of space.

DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

DVM Plus III outdoor units have world's largest capacity with the highest efficient cooling and heating performance. Every single DVM PLUS III HR outdoor unit can operate simultaneously in cooling and heating mode.



Line-Up

Model

Line up					
	DVM PLUS Ⅲ	RVXVHT080GE	RVXVHT100GE	RVXVHT120GE	RVXVHT140GE
	DVM PLUS Ⅲ HR	RVXVRT080GE	RVXVRT100GE	RVXVRT120GE	RVXVRT140GE
High Efficiency Combination		8HP	10HP	12HP	14HP

Line up						
	DVM PLUS Ⅲ	RVXVHT080GE	RVXVHT100GE	RVXVHT120GE	RVXVHT140GE	RVXVHT160GE
	DVM PLUS Ⅲ HR	RVXVRT080GE	RVXVRT100GE	RVXVRT120GE	RVXVRT140GE	RVXVRT160GE
Compact Combination		8HP	10HP	12HP	14HP	16HP

Combination Table

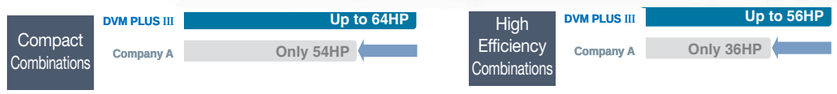
High Efficiency Combination

Model	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56
RVXVHT080GE RVXVRT080GE	2	1			3	2	1														
RVXVHT100GE RVXVRT100GE		1	2	1		1	2	3	2	2	1	1			3	2	2	1			
RVXVHT120GE RVXVRT120GE				1					1		1		1			1		1	2	1	
RVXVHT140GE RVXVRT140GE										1	1	2	2	3	1	1	2	2	2	3	4

Compact Combination

Model	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
RVXVHT080GE RVXVRT080GE	1																							
RVXVHT100GE RVXVRT100GE	1	2	1	1					1										1	1	1			
RVXVHT120GE RVXVRT120GE			1		1				2	3	2	2	1				3	3	1			1		
RVXVHT140GE RVXVRT140GE				1	1	2	1				1		1	2	1		1			1			1	
RVXVHT160GE RVXVRT160GE							1	2				1	1	1	2	3		1	2	2	3	3	3	4

Comparison to Inverter Ⅲ

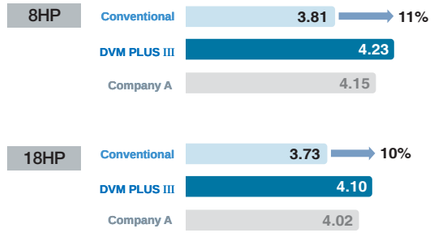


Feature

High COP

High efficiency DVM PLUS Ⅲ has improved average cooling and heating COP compared to conventional products and achieved the world's Top Class energy efficiency

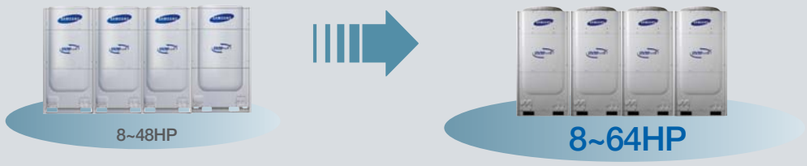
- DHS(Digital Hybrid System) technology increased refrigerant flow rate and evaporation enthalpy difference.
- Wide ϕ8 Grooved pipe and G-Fin increased heat exchange efficiency.
- The best BLDC Motor in the industry and Optimum Fan Guard design increased efficiency.



The World's Largest Capacity

Samsung has achieved world's largest capacity of 64HP by combining maximum 4 outdoor units with 5 different capacities. (8, 10, 12, 14 and 16HP)
Many combinations of heat pump or heat recovery type support up to 64 indoor units to provide consumers a variety of choices for any installation condition.

- **Compact combinations (8~64 HP)** : Combination with the model requiring the smallest installation space.
- **High-Efficiency combinations (16~56 HP)** : Combination with high-efficiency model.

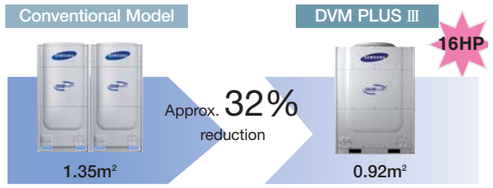


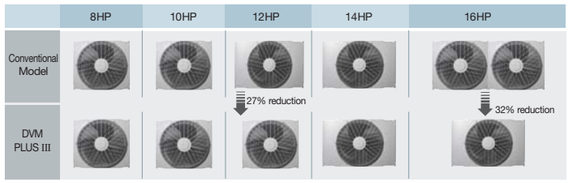
The Smallest Foot Print Area

The world's smallest foot print provides smallest installation space which saves incredible amount of time.

Space Saving

Model	12HP	16HP
Conventional Model	0.92m²	1.35m²
DVM PLUS III	0.67m²	0.92m²
Comparison to Conventional Model	73%	68%



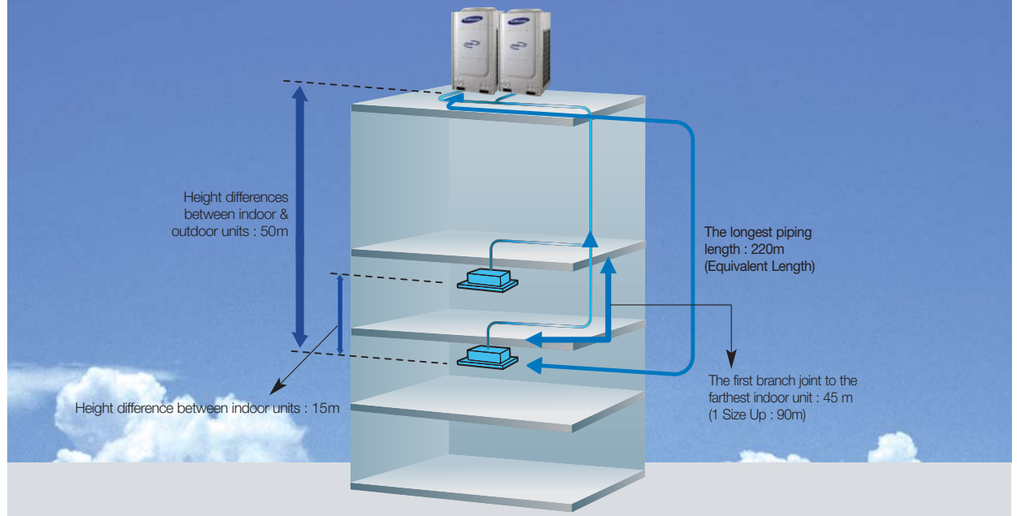


Digital Unit Module

Digital Unit Module combination enables the system to alternate compressor operation to prolong each compressor's life cycle and improves COP with part loads

- Control the compressor capacity precisely.
- Ensure long life cycle by alternating operation of the DVI compressors.
- Improve COP using multiple heat exchangers of outdoor units at part loads.

The World's Longest Piping Length



DVM PLUS Ⅲ has an actual piping length up to 200m, with the maximum piping length of 45m from the first branch joint to farthest indoor unit, thereby providing more convenience and flexibility for installation in commercial buildings.

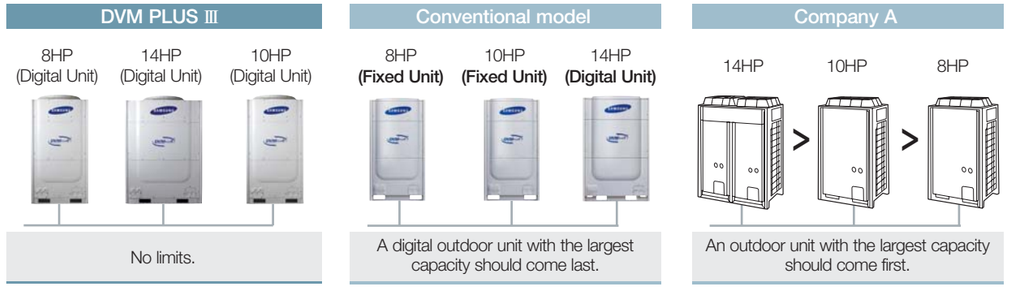
Summary

- The longest piping length : 220m (Equivalent Length)
- Total piping length: 1000m
- From the first branch joint to the farthest indoor unit : 90m (with one piping Size Up)

Feature

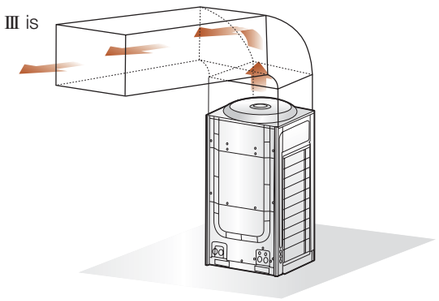
Free Installation

DVM Plus III/HR provides the degree of freedom from priority of capacity when installing outdoor units in module.



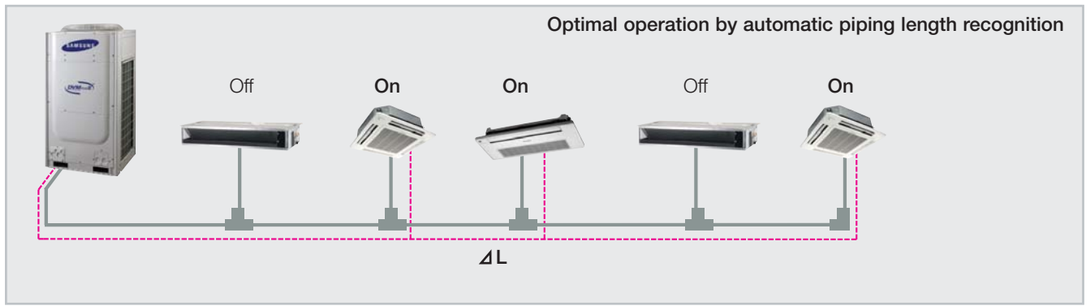
External Static Pressure

To respond to a range of various installation environments, DVM PLUS Ⅲ is designed to be used up to an external static pressure of 8 mmAq.



Automatic Piping Length Recognition

Auto piping length recognition system saves time with no additional settings and performs the optimum operation in accordance with piping length.



Lead-Free and RoHs

Refrigerant Leakage Prevention

To prevent refrigerant leakage, we provide a solution to diagnose any refrigerant leakage during product operation. Also, changing service valves from flange type to brazed type further prevents refrigerant leakage.

RoHs Compliance

Although RoHS restriction only applies to small and large household electronics, IT equipment, lightings, power train, toys, leisure and sports equipment, and vending machines. Samsung expands the RoHS restriction into its entire range of products based on its own environmental policies.

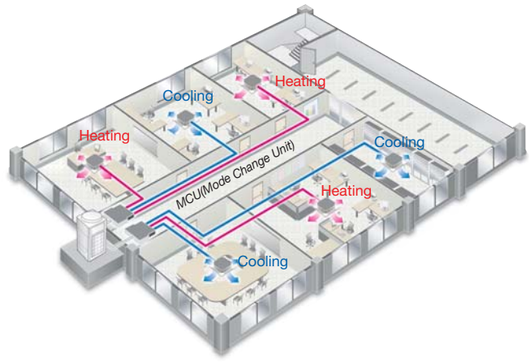
Lead-Free

DVM Plus Ⅲ is an eco-friendly product that prevents pollution problems caused by the use of lead, by applying lead-free indoor and outdoor PCBs.

DVM PLUS Ⅲ HR Versatile Application

As DVM PLUS Ⅲ HR allows a simultaneous cooling and heating operation with one system, there is variety of applications.

- Great for places where simultaneous cooling and heating operation is required. (Hotels, nursing homes, conference rooms, etc.)
- For seasonal air-conditioning which may need a simultaneous cooling and heating operation.
- In case of medium and large office, DVM PLUS Ⅲ HR satisfies cooling and heating operation simultaneously for the requirements of interior and perimeter zone.



Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Basic Model



Model			DVM PLUS Ⅲ / DVM PLUS Ⅲ HR	RVXVHT080GE / RVXVRT080GE	RVXVHT100GE / RVXVRT100GE	RVXVHT120GE / RVXVRT120GE
Performance	Horse Power		HP	8	10	12
	Capacity	Cooling *1)	kW	22.4	28.0	33.6
			Btu/h	76,400	95,500	114,600
		Heating *2)	kW	25.2	31.5	37.8
			Btu/h	86,000	107,500	129,000
Power	Nominal Input	Cooling	kW	5.76	7.78	10.40
		Heating	kW	5.51	7.16	9.40
	Circuit Breaker (MCCB/ELB)		A	25	30	40
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.89	3.60	3.23
	Heating		-	4.57	4.40	4.02
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	9.52	9.52	12.70
	Gas		Ø,mm	19.05	22.23	25.40
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	15.88	19.05	22.23
	Oil (Flare)		Ø,mm	-	-	-
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5	7.5	7.5
Sound	Sound Pressure *4)		dB(A)	57	58	60
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240	240	240
		DVM PLUS Ⅲ HR	kg	242	242	242
	Shipping Weight	DVM PLUS Ⅲ	kg	253	253	253
		DVM PLUS Ⅲ HR	kg	255	255	255
	Net Dimensions (WxHxD)		mm	880x1,703x765	880x1,703x765	880x1,703x765
	Shipping Dimensions (WxHxD)		mm	948x1,868x832	948x1,868x832	948x1,868x832
Operating Temp. Range	Cooling		ºC	-5~43	-5~43	-5~43
	Heating		ºC	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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


Model			DVM PLUS Ⅲ / DVM PLUS Ⅲ HR	RVXVHT140GE / RVXVRT140GE	RVXVHT160GE / RVXVRT160GE
Performance	Horse Power		HP	14	16
	Capacity	Cooling *1)	kW	39.2	44.8
			Btu/h	133,800	152,900
		Heating *2)	kW	44.1	50.4
			Btu/h	150,500	172,000
Power	Nominal Input	Cooling	kW	11.00	14.80
		Heating	kW	10.40	15.00
	Circuit Breaker (MCCB/ELB)		A	40	50
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR
COP	Cooling		-	3.56	3.03
	Heating		-	4.24	3.36
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	12.70	12.70
	Gas		Ø,mm	25.40	28.58
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	22.23	22.23
	Oil (Flare)		Ø,mm	-	-
	Installation Limitation	Max.Length	m	200	200
		Max.Height	m	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	11.0	11.0
Sound	Sound Pressure *4)		dB(A)	60	60
Set Size	Net Weight	DVM PLUS Ⅲ	kg	320	320
		DVM PLUS Ⅲ HR	kg	323	323
	Shipping Weight	DVM PLUS Ⅲ	kg	337	337
		DVM PLUS Ⅲ HR	kg	340	340
	Net Dimensions (WxHxD)		mm	1,200x1,703x765	1,200x1,703x765
	Shipping Dimensions (WxHxD)		mm	1,268x1,868x832	1,268x1,868x832
Operating Temp. Range	Cooling		ºC	-5~43	-5~43
	Heating		ºC	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Module Type - High Efficiency

Model				16HP	18HP	20HP
Basic	RVXVHT080GE / RVXVRT080GE			2	1	
	RVXVHT100GE / RVXVRT100GE				1	2
	RVXVHT120GE / RVXVRT120GE					
	RVXVHT140GE / RVXVRT140GE					
Performance	Horse Power		HP	16	18	20
	Capacity	Cooling *1)	kW	44.8	50.4	56.0
			Btu/h	152,800	171,900	191,000
		Heating *2)	kW	50.4	56.7	63.0
			Btu/h	172,000	193,500	215,000
Power	Nominal Input	Cooling	kW	11.52	13.54	15.56
		Heating	kW	11.02	12.67	14.32
	Circuit Breaker (MCCB/ELB)		A	50	50	60
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.89	3.72	3.60
	Heating		-	4.57	4.48	4.40
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	12.70	15.88	15.88
	Gas		Ø,mm	28.58	28.58	28.58
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	22.23	25.40	25.40
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x2	7.5x2	7.5x2
Sound	Sound Pressure *4)		dB(A)	60	60	61
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x2	240x2	240x2
		DVM PLUS Ⅲ HR	kg	242x2	242x2	242x2
	Shipping Weight	DVM PLUS Ⅲ	kg	253x2	253x2	253x2
		DVM PLUS Ⅲ HR	kg	255x2	255x2	255x2
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x2	(880x1,703x765)x2	(880x1,703x765)x2
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x2	(948x1,868x832)x2	(948x1,868x832)x2
Operating Temp. Range	Cooling		ºC	-5~43	-5~43	-5~43
	Heating		ºC	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Model				22HP	24HP	26HP
Basic	RVXVHT080GE / RVXVRT080GE				3	2
	RVXVHT100GE / RVXVRT100GE			1		1
	RVXVHT120GE / RVXVRT120GE			1		
	RVXVHT140GE / RVXVRT140GE					
Performance	Horse Power		HP	22	24	26
	Capacity	Cooling *1)	kW	61.6	67.2	72.8
			Btu/h	210,100	229,200	248,300
		Heating *2)	kW	69.3	75.6	81.9
			Btu/h	236,500	258,000	279,500
Power	Nominal Input	Cooling	kW	18.18	17.28	19.30
		Heating	kW	16.56	16.53	18.18
	Circuit Breaker (MCCB/ELB)		A	60	75	75
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.39	3.89	3.77
	Heating		-	4.18	4.57	4.50
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	15.88	15.88	19.05
	Gas		Ø,mm	28.58	28.58	31.75
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	25.40	25.40	28.58
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x2	7.5x3	7.5x3
Sound	Sound Pressure *4)		dB(A)	62	62	63
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x2	240x3	240x3
		DVM PLUS Ⅲ HR	kg	242x2	242x3	242x3
	Shipping Weight	DVM PLUS Ⅲ	kg	253x2	253x3	253x3
		DVM PLUS Ⅲ HR	kg	255x2	255x3	255x3
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x2	(880x1,703x765)x3	(880x1,703x765)x3
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x2	(948x1,868x832)x3	(948x1,868x832)x3
Operating Temp. Range	Cooling		ºC	-5~43	-5~43	-5~43
	Heating		ºC	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Module Type - High Efficiency



Model				28HP	30HP	32HP
Basic	RVXVHT080GE / RVXVRT080GE			1		
	RVXVHT100GE / RVXVRT100GE			2	3	2
	RVXVHT120GE / RVXVRT120GE					1
	RVXVHT140GE / RVXVRT140GE					
Performance	Horse Power		HP	28	30	32
	Capacity	Cooling *1)	kW	78.4	84.0	89.6
			Btu/h	267,400	286,500	305,600
		Heating *2)	kW	88.2	94.5	100.8
			Btu/h	301,000	322,500	344,000
Power	Nominal Input	Cooling	kW	21.32	23.34	25.96
		Heating	kW	19.83	21.48	23.72
	Circuit Breaker (MCCB/ELB)		A	75	100	100
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.68	3.60	3.45
	Heating		-	4.45	4.40	4.25
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	19.05	19.05	19.05
	Gas		Ø,mm	31.75	31.75	31.75
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	28.58	28.58	28.58
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x3	7.5x3	7.5x3
Sound	Sound Pressure *4)		dB(A)	63	63	64
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x3	240x3	240x3
		DVM PLUS Ⅲ HR	kg	242x3	242x3	242x3
	Shipping Weight	DVM PLUS Ⅲ	kg	253x3	253x3	253x3
		DVM PLUS Ⅲ HR	kg	255x3	255x3	255x3
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x3	(880x1,703x765)x3	(880x1,703x765)x3
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x3	(948x1,868x832)x3	(948x1,868x832)x3
Operating Temp. Range	Cooling		ºC	-5~43	-5~43	-5~43
	Heating		ºC	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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



Model				34HP	36HP	38HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE			2	1	1
	RVXVHT120GE / RVXVRT120GE				1	
	RVXVHT140GE / RVXVRT140GE			1	1	2
Performance	Horse Power		HP	34	36	38
	Capacity	Cooling *1)	kW	95.2	100.8	106.4
			Btu/h	324,800	343,900	363,100
		Heating *2)	kW	107.1	113.4	119.7
			Btu/h	365,500	387,000	408,500
Power	Nominal Input	Cooling	kW	26.56	29.18	29.78
		Heating	kW	24.72	26.96	27.96
	Circuit Breaker (MCCB/ELB)		A	100	100	100
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	103/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.58	3.45	3.57
	Heating		-	4.33	4.21	4.28
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	19.05	19.05	19.05
	Gas		Ø,mm	31.75	38.10	38.10
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	28.58	31.75	31.75
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x2+11x1	7.5x2+11x1	7.5x1+11x2
Sound	Sound Pressure *4)		dB(A)	64	64	64
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x2+320x1	240x2+320x1	240x1+320x2
		DVM PLUS Ⅲ HR	kg	242x2+323x1	242x2+323x1	242x1+323x2
	Shipping Weight	DVM PLUS Ⅲ	kg	253x2+337x1	253x2+337x1	253x1+337x2
		DVM PLUS Ⅲ HR	kg	255x2+340x1	255x2+340x1	255x1+340x2
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x2+(1,200x1,703x765)x1	(880x1,703x765)x2+(1,200x1,703x765)x1	(880x1,703x765)x1+(1,200x1,703x765)x2
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x2+(1,268x1,868x832)x1	(948x1,868x832)x2+(1,268x1,868x832)x1	(948x1,868x832)x1+(1,268x1,868x832)x2
Operating Temp. Range	Cooling		ºC	-5~43	-5~43	-5~43
	Heating		ºC	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Module Type - High Efficiency



Model				40HP	42HP	44HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE					3
	RVXVHT120GE / RVXVRT120GE			1		
	RVXVHT140GE / RVXVRT140GE			2	3	1
Performance	Horse Power		HP	40	42	44
	Capacity	Cooling *1)	kW	112.0	117.6	123.2
			Btu/h	382,200	401,400	420,300
		Heating *2)	kW	126.0	132.3	138.6
			Btu/h	430,000	451,500	473,000
Power	Nominal Input	Cooling	kW	32.40	33.00	34.34
		Heating	kW	30.20	31.20	31.88
	Circuit Breaker (MCCB/ELB)		A	125	125	125
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.46	3.56	3.59
	Heating		-	4.17	4.24	4.35
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	19.05	19.05	19.05
	Gas		Ø,mm	38.10	38.10	38.10
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	31.75	31.75	31.75
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x1+11x2	11x3	7.5x3+11x1
Sound	Sound Pressure *4)		dB(A)	65	65	65
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x1+320x2	320x3	240x3+320x1
		DVM PLUS Ⅲ HR	kg	242x1+323x2	323x3	242x3+323x1
	Shipping Weight	DVM PLUS Ⅲ	kg	253x1+337x2	337x3	253x3+337x1
		DVM PLUS Ⅲ HR	kg	255x1+340x2	340x3	255x3+340x1
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x1+(1,200x1,703x765)x2	(1,200x1,703x765)x3	(880x1,703x765)x3+(1,200x1,703x765)x1
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x1+(1,268x1,868x832)x2	(1,268x1,868x832)x3	(948x1,868x832)x3+(1,268x1,868x832)x1
Operating Temp. Range	Cooling		ºC	-5~43	-5~43	-5~43
	Heating		ºC	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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



Model				46HP	48HP	50HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE			2	2	1
	RVXVHT120GE / RVXVRT120GE			1		1
	RVXVHT140GE / RVXVRT140GE			1	2	2
Performance	Horse Power		HP	46	48	50
	Capacity	Cooling *1)	kW	128.8	134.4	140.0
			Btu/h	439,400	458,600	477,700
		Heating *2)	kW	144.9	151.2	157.5
			Btu/h	494,500	516,000	537,500
Power	Nominal Input	Cooling	kW	36.96	37.56	40.18
		Heating	kW	34.12	35.12	37.36
	Circuit Breaker (MCCB/ELB)		A	125	125	150
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.48	3.58	3.48
	Heating		-	4.25	4.31	4.22
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	19.05	19.05	22.23
	Gas		Ø,mm	38.10	38.10	44.50
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	31.75	31.75	38.10
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x3+11x1	7.5x2+11x2	7.5x2+11x2
Sound	Sound Pressure *4)		dB(A)	65	65	66
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x3+320x1	240x2+320x2	240x2+320x2
		DVM PLUS Ⅲ HR	kg	242x3+323x1	242x2+323x2	242x2+323x2
	Shipping Weight	DVM PLUS Ⅲ	kg	253x3+337x1	253x2+337x2	253x2+337x2
		DVM PLUS Ⅲ HR	kg	255x3+340x1	255x2+340x2	255x2+340x2
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x3+(1,200x1,703x765)x1	(880x1,703x765)x2+(1,200x1,703x765)x2	(880x1,703x765)x2+(1,200x1,703x765)x2
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x3+(1,268x1,868x832)x1	(948x1,868x832)x2+(1,268x1,868x832)x2	(948x1,868x832)x2+(1,268x1,868x832)x2
Operating Temp. Range	Cooling		ºC	-5~43	-5~43	-5~43
	Heating		ºC	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Module Type - High Efficiency

Model				52HP	54HP	56HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE					
	RVXVHT120GE / RVXVRT120GE			2	1	
	RVXVHT140GE / RVXVRT140GE			2	3	4
Performance	Horse Power		HP	52	54	56
	Capacity	Cooling *1)	kW	145.6	151.2	156.8
			Btu/h	496,800	516,000	535,200
		Heating *2)	kW	163.8	170.1	176.4
			Btu/h	559,000	580,500	602,000
Power	Nominal Input	Cooling	kW	42.80	43.40	44.00
		Heating	kW	39.60	40.60	41.60
	Circuit Breaker (MCCB/ELB)		A	150	150	150
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.40	3.48	3.56
	Heating		-	4.14	4.19	4.24
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	22.23	22.23	22.23
	Gas		Ø,mm	44.50	44.50	44.50
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	38.10	38.10	38.10
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x2+11x2	7.5x1+11x3	11x4
Sound	Sound Pressure *4)		dB(A)	66	66	66
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x2+320x2	240x1+320x3	320x4
		DVM PLUS Ⅲ HR	kg	242x2+323x2	242x1+323x3	323x4
	Shipping Weight	DVM PLUS Ⅲ	kg	253x2+337x2	253x1+337x3	337x4
		DVM PLUS Ⅲ HR	kg	255x2+340x2	255x1+340x3	340x4
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x2+(1,200x1,703x765)x2	(880x1,703x765)x1+(1,200x1,703x765)x3	(1,200x1,703x765)x4
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x2+(1,268x1,868x832)x2	(948x1,868x832)x1+(1,268x1,868x832)x3	(1,268x1,868x832)x4
Operating Temp. Range	Cooling		℃	-5~43	-5~43	-5~43
	Heating		℃	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Module Type - Compact

Model				18 HP	20 HP	22 HP
Basic	RVXVHT080GE / RVXVRT080GE			1		
	RVXVHT100GE / RVXVRT100GE			1	2	1
	RVXVHT120GE / RVXVRT120GE					1
	RVXVHT140GE / RVXVRT140GE					
	RVXVHT160GE / RVXVRT160GE					
Performance	Horse Power		HP	18	20	22
	Capacity	Cooling *1)	kW	50.4	56.0	61.6
			Btu/h	171,900	191,000	210,100
		Heating *2)	kW	56.7	63.0	69.3
			Btu/h	193,500	215,000	236,500
Power	Nominal Input	Cooling	kW	13.54	15.56	18.18
		Heating	kW	12.67	14.32	16.56
	Circuit Breaker (MCCB/ELB)		A	50	60	60
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.72	3.60	3.39
	Heating		-	4.48	4.40	4.18
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	15.88	15.88	15.88
	Gas		Ø,mm	28.58	28.58	28.58
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	25.40	25.40	25.40
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x2	7.5x2	7.5x2
Sound	Sound Pressure *4)		dB(A)	60	61	62
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x2	240x2	240x2
		DVM PLUS Ⅲ HR	kg	242x2	242x2	242x2
	Shipping Weight	DVM PLUS Ⅲ	kg	253x2	253x2	253x2
		DVM PLUS Ⅲ HR	kg	255x2	255x2	255x2
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x2	(880x1,703x765)x2	(880x1,703x765)x2
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x2	(948x1,868x832)x2	(948x1,868x832)x2
Operating Temp. Range	Cooling		℃	-5~43	-5~43	-5~43
	Heating		℃	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Module Type - Compact



Model				24 HP	26 HP	28 HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE			1		
	RVXVHT120GE / RVXVRT120GE				1	
	RVXVHT140GE / RVXVRT140GE			1	1	2
	RVXVHT160GE / RVXVRT160GE					
Performance	Horse Power		HP	24	26	28
	Capacity	Cooling *1)	kW	67.2	72.8	78.4
			Btu/h	229,300	248,400	267,600
		Heating *2)	kW	75.6	81.9	88.2
			Btu/h	258,000	279,500	301,000
Power	Nominal Input	Cooling	kW	18.78	21.40	22.00
		Heating	kW	17.56	19.80	20.80
	Circuit Breaker (MCCB/ELB)		A	75	75	75
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.58	3.40	3.56
	Heating		-	4.31	4.14	4.24
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping	Liquid		Ø,mm	15.88	19.05	19.05
Connections	Gas		Ø,mm	28.58	31.75	31.75
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	25.40	28.58	28.58
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x1+11x1	7.5x1+11x1	11x2
Sound	Sound Pressure *4)		dB(A)	62	62	63
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x1+320x1	240x1+320x1	320x2
		DVM PLUS Ⅲ HR	kg	242x1+323x1	242x1+323x1	323x2
	Shipping Weight	DVM PLUS Ⅲ	kg	253x1+337x1	253x1+337x1	337x2
		DVM PLUS Ⅲ HR	kg	255x1+340x1	255x1+340x1	340x2
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x1+(1,200x1,703x765)x1	(880x1,703x765)x1+(1,200x1,703x765)x1	(1,200x1,703x765)x2
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x1+(1,268x1,868x832)x1	(948x1,868x832)x1+(1,268x1,868x832)x1	(1,268x1,868x832)x2
Operating Temp. Range	Cooling		℃	-5~43	-5~43	-5~43
	Heating		℃	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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



Model				30 HP	32 HP	34 HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE					1
	RVXVHT120GE / RVXVRT120GE					2
	RVXVHT140GE / RVXVRT140GE			1		
	RVXVHT160GE / RVXVRT160GE			1	2	
Performance	Horse Power		HP	30	32	34
	Capacity	Cooling *1)	kW	84.0	89.6	95.2
			Btu/h	286,700	305,800	324,700
		Heating *2)	kW	94.5	100.8	107.1
			Btu/h	322,500	344,000	365,500
Power	Nominal Input	Cooling	kW	25.80	29.60	28.58
		Heating	kW	25.40	30.00	25.96
	Circuit Breaker (MCCB/ELB)		A	100	100	100
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.26	3.03	3.33
	Heating		-	3.72	3.36	4.13
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping	Liquid		Ø,mm	19.05	19.05	19.05
Connections	Gas		Ø,mm	31.75	31.75	31.75
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	28.58	28.58	28.58
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	11x2	11x2	7.5x3
Sound	Sound Pressure *4)		dB(A)	63	63	64
Set Size	Net Weight	DVM PLUS Ⅲ	kg	320x2	320x2	240x3
		DVM PLUS Ⅲ HR	kg	323x2	323x2	242x3
	Shipping Weight	DVM PLUS Ⅲ	kg	337x2	337x2	253x3
		DVM PLUS Ⅲ HR	kg	340x2	340x2	255x3
	Net Dimensions (WxHxD)		mm	(1,200x1,703x765)x2	(1,200x1,703x765)x2	(880x1,703x765)x3
	Shipping Dimensions (WxHxD)		mm	(1,268x1,868x832)x2	(1,268x1,868x832)x2	(948x1,868x832)x3
Operating Temp. Range	Cooling		℃	-5~43	-5~43	-5~43
	Heating		℃	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Module Type - Compact



Model				36 HP	38 HP	40 HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE					
	RVXVHT120GE / RVXVRT120GE			3	2	2
	RVXVHT140GE / RVXVRT140GE				1	
	RVXVHT160GE / RVXVRT160GE					1
Performance	Horse Power		HP	36	38	40
	Capacity	Cooling *1)	kW	100.8	106.4	112.0
			Btu/h	343,800	363,000	382,100
		Heating *2)	kW	113.4	119.7	126.0
			Btu/h	387,000	408,500	430,000
Power	Nominal Input	Cooling	kW	31.20	31.80	35.60
		Heating	kW	28.20	29.20	33.80
	Circuit Breaker (MCCB/ELB)		A	100	125	125
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.23	3.35	3.15
	Heating		-	4.02	4.10	3.73
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping	Liquid		Ø,mm	19.05	19.05	19.05
Connections	Gas		Ø,mm	38.10	38.10	38.10
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	31.75	31.75	31.75
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x3	7.5x2+11x1	7.5x2+11x1
Sound	Sound Pressure *4)		dB(A)	64	64	64
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x3	240x2+320x1	240x2+320x1
		DVM PLUS Ⅲ HR	kg	242x3	242x2+323x1	242x2+323x1
	Shipping Weight	DVM PLUS Ⅲ	kg	253x3	253x2+337x1	253x2+337x1
		DVM PLUS Ⅲ HR	kg	255x3	255x2+340x1	255x2+340x1
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x3	(880x1,703x765)x2+(1,200x1,703x765)x1	(880x1,703x765)x2+(1,200x1,703x765)x1
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x3	(948x1,868x832)x2+(1,268x1,868x832)x1	(948x1,868x832)x2+(1,268x1,868x832)x1
Operating Temp. Range	Cooling		℃	-5~43	-5~43	-5~43
	Heating		℃	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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



Model				42 HP	44 HP	46 HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE					
	RVXVHT120GE / RVXVRT120GE			1		
	RVXVHT140GE / RVXVRT140GE			1	2	1
	RVXVHT160GE / RVXVRT160GE			1	1	2
Performance	Horse Power		HP	42	44	46
	Capacity	Cooling *1)	kW	117.6	123.2	128.8
			Btu/h	401,300	420,500	439,600
		Heating *2)	kW	132.3	138.6	144.9
			Btu/h	451,500	473,000	494,500
Power	Nominal Input	Cooling	kW	36.20	36.80	40.60
		Heating	kW	34.80	35.80	40.40
	Circuit Breaker (MCCB/ELB)		A	125	125	125
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.25	3.35	3.17
	Heating		-	3.80	3.87	3.59
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping	Liquid		Ø,mm	19.05	19.05	19.05
Connections	Gas		Ø,mm	38.10	38.10	38.10
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	31.75	31.75	31.75
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	7.5x1+11x2	11x3	11x3
Sound	Sound Pressure *4)		dB(A)	64	65	65
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x1+320x2	320x3	320x3
		DVM PLUS Ⅲ HR	kg	242x1+323x2	323x3	323x3
	Shipping Weight	DVM PLUS Ⅲ	kg	253x1+337x2	337x3	337x3
		DVM PLUS Ⅲ HR	kg	255x1+340x2	340x3	340x3
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x1+(1,200x1703x765)x2	(1,200x1,703x765)x3	(1,200x1,703x765)x3
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x1+(1,268x1748x832)x2	(1,268x1,868x832)x3	(1,268x1,868x832)x3
Operating Temp. Range	Cooling		℃	-5~43	-5~43	-5~43
	Heating		℃	-20~24	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Module Type - Compact



Model				48 HP	50 HP	52 HP
Basic	RVXVHT080GE / RVXVRT080GE					
	RVXVHT100GE / RVXVRT100GE					
	RVXVHT120GE / RVXVRT120GE				3	3
	RVXVHT140GE / RVXVRT140GE				1	
	RVXVHT160GE / RVXVRT160GE			3		1
Performance	Horse Power		HP	48	50	52
	Capacity	Cooling *1)	kW	134.4	140.0	145.6
			Btu/h	458,700	477,600	496,700
		Heating *2)	kW	151.2	157.5	163.8
			Btu/h	516,000	537,500	559,000
Power	Nominal Input	Cooling	kW	44.40	42.20	46.00
		Heating	kW	45.00	38.60	43.20
	Circuit Breaker (MCCB/ELB)		A	125	150	150
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
COP	Cooling		-	3.03	3.32	3.17
	Heating		-	3.36	4.08	3.79
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC	Propeller/BLDC
Piping	Liquid		Ø,mm	19.05	22.23	22.23
Connections	Gas		Ø,mm	38.10	44.50	44.50
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	31.75	38.10	38.10
	Oil (Flare)		Ø,mm	6.35	6.35	6.35
	Installation Limitation	Max.Length	m	200	200	200
		Max.Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	11x3	7.5x3+11x1	7.5x3+11x1
Sound	Sound Pressure *4)		dB(A)	65	66	66
Set Size	Net Weight	DVM PLUS Ⅲ	kg	320x3	240x3+320x1	240x3+320x1
		DVM PLUS Ⅲ HR	kg	323x3	242x3+323x1	242x3+323x1
	Shipping Weight	DVM PLUS Ⅲ	kg	337x3	253x3+337x1	253x3+337x1
		DVM PLUS Ⅲ HR	kg	340x3	255x3+340x1	255x3+340x1
	Net Dimensions (WxHxD)		mm	(1,200x1,703x765)x3	(880x1,703x765)x3+(1,200x1,703x765)x1	(880x1,703x765)x3+(1,200x1,703x765)x1
	Shipping Dimensions (WxHxD)		mm	(1,268x1,868x832)x3	(948x1,868x832)x3+(1,268x1,868x832)x1	(948x1,868x832)x3+(1,268x1,868x832)x1
Operating Temp. Range	Cooling		℃	-5~43	-5~43	-5~43
	Heating		℃	-20~24	-20~24	-20~24


Model				54 HP	56 HP
Basic	RVXVHT080GE / RVXVRT080GE				
	RVXVHT100GE / RVXVRT100GE			1	1
	RVXVHT120GE / RVXVRT120GE			1	
	RVXVHT140GE / RVXVRT140GE				1
	RVXVHT160GE / RVXVRT160GE			2	2
Performance	Horse Power		HP	54	56
	Capacity	Cooling *1)	kW	151.2	156.8
			Btu/h	515,900	535,100
		Heating *2)	kW	170.1	176.4
			Btu/h	580,500	602,000
Power	Nominal Input	Cooling	kW	47.78	48.38
		Heating	kW	46.56	47.56
	Circuit Breaker (MCCB/ELB)		A	150	150
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR
COP	Cooling		-	3.16	3.24
	Heating		-	3.65	3.71
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC
Piping	Liquid		Ø,mm	22.23	22.23
Connections	Gas		Ø,mm	44.50	44.50
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	38.10	38.10
	Oil (Flare)		Ø,mm	6.35	6.35
	Installation Limitation	Max.Length	m	200	200
		Max.Height	m	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	7.5x2+11x2	7.5x1+11x3
Sound	Sound Pressure *4)		dB(A)	66	66
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x2+320x2	240x1+320x3
		DVM PLUS Ⅲ HR	kg	242x2+323x2	242x1+323x3
	Shipping Weight	DVM PLUS Ⅲ	kg	253x2+337x2	253x1+337x3
		DVM PLUS Ⅲ HR	kg	255x2+340x2	255x1+340x3
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x2+(1,200x1,703x765)x2	(880x1,703x765)x1+(1,200x1,703x765)x3
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x2+(1,268x1,868x832)x2	(948x1,868x832)x1+(1,268x1,868x832)x3
Operating Temp. Range	Cooling		℃	-5~43	-5~43
	Heating		℃	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Notes

*1) 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

*2) 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

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

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

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

Specification | DVM PLUS Ⅲ / DVM PLUS Ⅲ HR

Module Type - Compact

Model				58 HP	60 HP
Basic	RVXVHT080GE / RVXVRT080GE				
	RVXVHT100GE / RVXVRT100GE			1	
	RVXVHT120GE / RVXVRT120GE				1
	RVXVHT140GE / RVXVRT140GE				
	RVXVHT160GE / RVXVRT160GE			3	3
Performance	Horse Power		HP	58	60
	Capacity	Cooling *1)	kW	162.4	168.0
			Btu/h	554,200	573,300
		Heating *2)	kW	182.7	189.0
			Btu/h	623,500	645,000
Power	Nominal Input	Cooling	kW	52.18	54.80
		Heating	kW	52.16	54.40
	Circuit Breaker (MCCB/ELB)		A	150	175
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR
COP	Cooling		-	3.11	3.07
	Heating		-	3.50	3.47
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC
Piping	Liquid		Ø,mm	22.23	22.23
Connections	Gas		Ø,mm	44.50	44.50
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	38.10	38.10
	Oil (Flare)		Ø,mm	6.35	6.35
	Installation Limitation	Max.Length	m	200	200
		Max.Height	m	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	7.5x1+11x3	7.5x1+11x3
Sound	Sound Pressure *4)		dB(A)	66	67
Set Size	Net Weight	DVM PLUS Ⅲ	kg	240x1+320x3	240x1+320x3
		DVM PLUS Ⅲ HR	kg	242x1+323x3	242x1+323x3
	Shipping Weight	DVM PLUS Ⅲ	kg	253x1+337x3	253x1+337x3
		DVM PLUS Ⅲ HR	kg	255x1+340x3	255x1+340x3
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x1+(1,200x1,703x765)x3	(880x1,703x765)x1+(1,200x1,703x765)x3
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x1+(1,268x1,868x832)x3	(948x1,868x832)x1+(1,268x1,868x832)x3
Operating Temp. Range	Cooling		℃	-5~43	-5~43
	Heating		℃	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

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

Model				62 HP	64 HP
Basic	RVXVHT080GE / RVXVRT080GE				
	RVXVHT100GE / RVXVRT100GE				
	RVXVHT120GE / RVXVRT120GE				
	RVXVHT140GE / RVXVRT140GE			1	
	RVXVHT160GE / RVXVRT160GE			3	4
Performance	Horse Power		HP	62	64
	Capacity	Cooling *1)	kW	173.6	179.2
			Btu/h	592,500	611,600
		Heating *2)	kW	195.3	201.6
			Btu/h	666,500	688,000
Power	Nominal Input	Cooling	kW	55.40	59.20
		Heating	kW	55.40	60.00
	Circuit Breaker (MCCB/ELB)		A	175	175
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50
Mode *3)			-	HP/HR	HP/HR
COP	Cooling		-	3.13	3.03
	Heating		-	3.53	3.36
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC
Piping	Liquid		Ø,mm	22.23	22.23
Connections	Gas		Ø,mm	44.50	44.50
	Discharge Gas (DVM PLUS Ⅲ HR)		Ø,mm	38.10	38.10
	Oil (Flare)		Ø,mm	6.35	6.35
	Installation Limitation	Max.Length	m	200	200
		Max.Height	m	50 (40)	50 (40)
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	11x4	11x4
Sound	Sound Pressure *4)		dB(A)	67	67
Set Size	Net Weight	DVM PLUS Ⅲ	kg	320x4	320x4
		DVM PLUS Ⅲ HR	kg	323x4	323x4
	Shipping Weight	DVM PLUS Ⅲ	kg	337x4	337x4
		DVM PLUS Ⅲ HR	kg	340x4	340x4
	Net Dimensions (WxHxD)		mm	(1,200x1,703x765)x4	(1,200x1,703x765)x4
	Shipping Dimensions (WxHxD)		mm	(1,268x1,868x832)x4	(1,268x1,868x832)x4
Operating Temp. Range	Cooling		℃	-5~43	-5~43
	Heating		℃	-20~24	-20~24

Notes

*1) 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

*2) 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

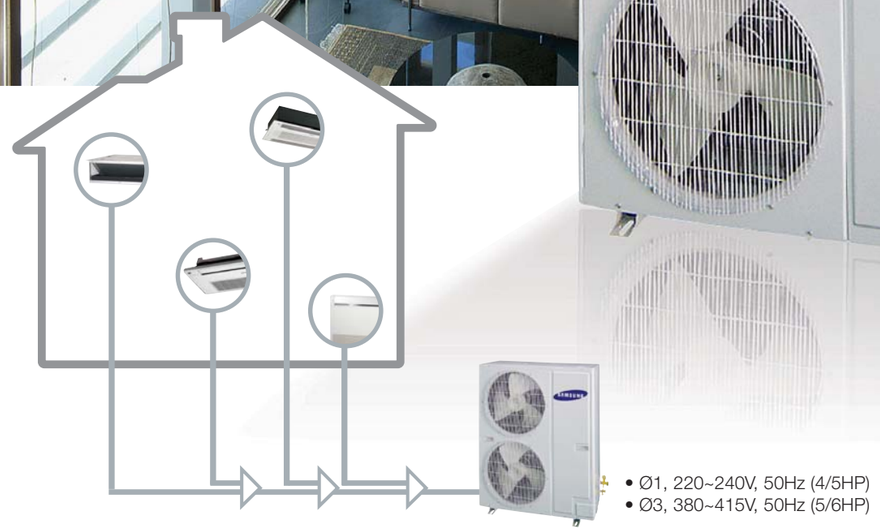
*3) Mode - HP: Heat Pump, HR: Heat Recovery

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

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

Mini DVM

Compact size with equally high efficiency and easy maintenance, Mini DVM is perfect for light commercial and residential places.

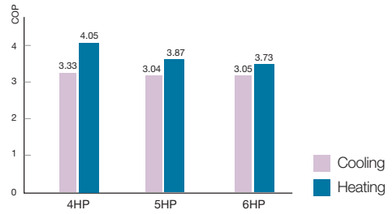


• Ø1, 220~240V, 50Hz (4/5HP)
• Ø3, 380~415V, 50Hz (5/6HP)

Feature

High Energy Efficiency

Digital Scroll compressor offers very high cooling and heating COP.



Compact Design

Mini DVM offers easy installation with its slim and compact design saving installation space.

Dimension

Capacity	4HP	5HP	6HP
Volume (m³)	0.39	0.39	0.39
Foot print (m²)	0.35	0.35	0.35
Height (mm)	1,128	1,128	1,128
Weight (kg)	124	125	125

Easy Maintenance

Mini DVM makes it possible to control compressor, PCB, EEV on front panel allowing simple and effortless maintenance.
It is possible to react promptly to errors because they are displayed on LED of the outdoor units by error codes.

High Reliability

Mini DVM is highly reliable with adopted Digital Scroll Compressor which can be controlled easily.
Because Digital Scroll Compressor needs just one control PCB, it achieves simple structure and high reliability.

Various Indoor Units

Mini DVM can be combined up to 11 stylish indoor units blending with any interior design.

Wide Compatibility

Mini DVM can be controlled with control systems which is the same as DVM PLUS Ⅲ and FJM

Specification | Mini DVM

Model				RVXMHF040EA	RVXMHF050EA
Performance	Horse Power		HP	4	5
	Capacity	Cooling *1)	kW	12.5	14.0
			Btu/h	42,600	47,700
		Heating *2)	kW	14.5	16.0
			Btu/h	49,400	54,500
Power	Nominal Running Current	Cooling	A	19.0	22.4
		Heating	A	18.0	20.1
	Nominal Input	Cooling	kW	3.75	4.60
		Heating	kW	3.58	4.13
	Circuit Breaker (MCCB/ELB)		A	30	30
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode			-	Heat Pump	Heat Pump
COP	Cooling		-	3.33	3.04
	Heating		-	4.05	3.87
Compressor	Type		-	Digital Scroll	Digital Scroll
	Piston Displacement		cc/Rev	58.10	62.98
	Output		kW	-	-
	Lubricant	Type	-	3MAF POE	3MAF POE
		Charging	cc	1,893	1,893
Fan	Type		-	Propeller	Propeller
	Output		W	200x2	200x2
	Airflow Rate		m³/min	105	105
Piping Connections	Liquid (Flare)		Ø,mm	9.52	9.52
	Gas (Flare)		Ø,mm	15.88	15.88
	Installation Limitation	Max. Length	m	100	100
		Max. Height	m	30	30
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	5.5	5.5
Sound	Sound Pressure(Cooling/Heating) *3)		dB(A)	55/56	55/57
Set Size	Net Weight		kg	124	125
	Shipping Weight		kg	132	133
	Net Dimensions (WxHxD)		mm	932x1,128x375	932x1,128x375
	Shipping Dimensions (WxHxD)		mm	1,091x1,286x472	1,091x1,286x472
Operating Temp. Range	Cooling		ºC	-5~43	-5~43
	Heating		ºC	-20~24	-20~24

Notes

*1) 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

*2) 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

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

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

Model				RVXMHF050GA	RVXMHF060GA
Performance	Horse Power		HP	5	6
	Capacity	Cooling *1)	kW	14.0	16.0
			Btu/h	47,700	54,500
		Heating *2)	kW	16.0	18.0
			Btu/h	54,500	61,400
Power	Nominal Running Current	Cooling	A	8.5	11.0
		Heating	A	7.8	9.9
	Nominal Input	Cooling	kW	4.61	5.24
		Heating	kW	4.13	4.82
	Circuit Breaker (MCCB/ELB)		A	20	20
Power Supply			Ø/V/Hz	3/380~415/50	3/380~415/50
Mode			-	Heat Pump	Heat Pump
COP	Cooling		-	3.04	3.05
	Heating		-	3.87	3.73
Compressor	Type		-	Digital Scroll	Digital Scroll
	Piston Displacement		cc/Rev	67.13	77.20
	Output		kW	-	-
	Lubricant	Type	-	3MAF POE	3MAF POE
		Charging	cc	1,893	1,774
Fan	Type		-	Propeller	Propeller
	Output		W	200x2	220x2
	Airflow Rate		m³/min	105	105
Piping Connections	Liquid (Flare)		Ø,mm	9.52	9.52
	Gas (Flare)		Ø,mm	15.88	15.88
	Installation Limitation	Max. Length	m	100	100
		Max. Height	m	30	30
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	5.5	5.5
Sound	Sound Pressure(Cooling/Heating) *3)		dB(A)	55/57	57/60
Set Size	Net Weight		kg	125	125
	Shipping Weight		kg	133	133
	Net Dimensions (WxHxD)		mm	932x1,128x375	932x1,128x375
	Shipping Dimensions (WxHxD)		mm	1,091x1,286x472	1,091x1,286x472
Operating Temp. Range	Cooling		ºC	-5~43	-5~43
	Heating		ºC	-20~24	-15~24

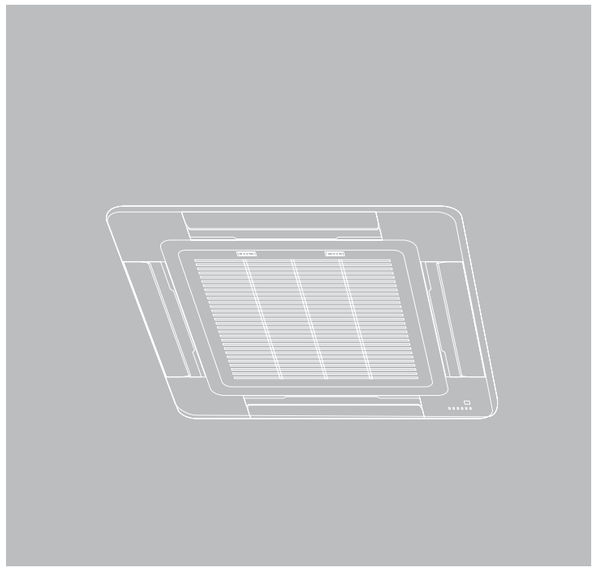
Notes

*1) 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

*2) 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

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

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



Spread the perfect air to every corner

INDOOR UNITS

Each of Samsung's indoor units has their own individual unique feature to provide the perfect air throughout the entire space. Indoor units designed to fit all the different type of space. It will be like having a customized air conditioner designed just for you.

03
INDOOR UNITS

Wall-mounted type Air conditioners

Samsung's wall-mounted type air conditioners not only have stylish and sophisticated designs, but are also concerned about high performance and health. Samsung's wall-mounted type air conditioners represent cool, clean and healthy freshness in everyday living.

Wall-mounted Type Line-Up

MB

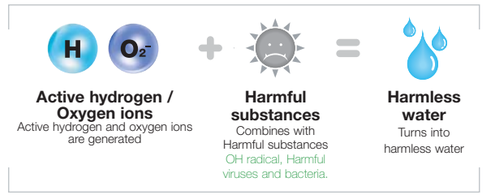
Vivace

Neo-Forte

MPI Zone (MB/Vivace)

Do you know that harmful substances and viruses breed in the space you live in?

How Micro Plasma Ion System technology Works



Micro Plasma Ion improves your Indoor Air Quality and eliminates all your worries.

- Creation of an Intensely Purified Zone
- Protection against disease
- Safe from allergy-causing agents
- Controls active oxygen which can cause disease, cancer, and accelerated aging

Health Care System (MB)

Health Care System

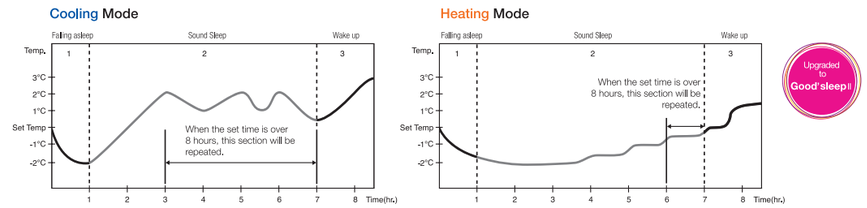
5-Step Air Purifying System

Good'sleep Ⅱ (MB/Neo Forte)

Best Temperature for deep sleep

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 of your day.

1. **Falling asleep stage:** Eases you into sleep by dropping the temperature.
2. **Sound sleep stage:** Relaxes your body and raises your temperature slightly.
3. **Wake up stage:** Allows you to wake up from comfortable intermittent air and it makes you feel refresh.



MB

The polished design, luxurious pearl color and misty blue light add sophistication and style to your space.

Auto Roof Shutter (2.8/3.6kW) | MPI (Micro Plasma Ion) | DNA Filter | Good'sleep II

Auto Roof Shutter (2.8/3.6kW)

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

DNA Filter

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

MPI (Micro Plasma Ion)

The world's first technology that generates active hydrogen atoms together with oxygen ions to improve your Indoor Air Quality. It protects you from harmful particles and viruses existing in the air.

Good'sleep II

Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshed wake up.

Deodorizing 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 with environmentally friendly materials (2 layers of chrome-free silica, 1 layer of Silver coating) to ensure efficient removal of condensation and to guarantee the production of clean and fresh air.

Optional Accessories

Individual Controllers


MWR-WE00


MWR-WS00


MWR-TH01


MWR-SH00

Standard Accessories

Wireless Remote Controller

Line-Up

Specification | MB

Model				AVXWBH028EE	AVXWBH036EE	AVXWBH056EE	AVXWBH071EE
Performance	Capacity	Cooling *1)	kW	2.8	3.6	5.6	6.8
			Btu/h	9,500	12,200	19,100	23,200
		Heating *2)	kW	3.2	4.0	6.3	7.0
			Btu/h	10,900	13,600	21,400	23,800
Power	Input		W	30	30	50	50
	Running Current		A	0.18	0.19	0.3	0.3
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	31 / 20	35 / 21	40 / 30	41 / 30
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling (High)		m^3/min	9.0	10.0	12.0	13.0
	Heating (High)		m^3/min	9.0	10.0	12.0	13.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Piping	Liquid (Flare)		Ø,mm	6.35	6.35	6.35	9.52
Connections	Gas (Flare)		Ø,mm	12.70	12.70	12.70	15.88
	Drain (Quick Lock)		Ø,mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
Weight	Net Weight		kg	10.2	10.2	13.0	13.0
	Shipping Weight		kg	11.5	11.5	16.0	16.0
Set Size	Net Dimensions (WxHxD)		mm	900x304x185	900x304x185	1,100x307x225	1,100x307x225
	Shipping Dimensions (WxHxD)		mm	963x349x247	963x349x247	1,157x381x292	1,157x381x292
Standard	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
Accessories	Wireless Remote Controller		-	ARH-1364	ARH-1364	ARH-1364	ARH-1364

Notes

*1) 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

*2) 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

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

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

*5) Optional Accessory

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

Vivace (Shadow Mirror)

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 a modern elegance.

mpi zone MPI (Micro Plasma Ion)

good'sleep Mode II Good'sleep II

MPI (Micro Plasma Ion)

The world's first technology that generates active hydrogen atoms together with oxygen ions to improve your Indoor Air Quality. It protects you from harmful particles and viruses existing in the air.

Good'sleep II

Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshed wake up.

Catechin filter

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

Deodorizing filter

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

Silver Coated Evaporator

The fins of the evaporator are triple coated with environmentally friendly materials (2 years of chrome-free silica, 1 layer of Silver coating) to ensure efficient removal of condensation and to guarantee the production of clean and fresh air.

Shadow Mirror

Hidden Display

Trim-less Design

Optional Accessories

Individual Controllers

MWR-WE00

MWR-WS00

MWR-TH01

MWR-SH00

Standard Accessories

Wireless Remote Controller

Line-Up

Specification | Vivace (Shadow Mirror)

Model				AVXWVH022EE	AVXWVH028EE	AVXWVH036EE	AVXWVH056EE	AVXWVH071EE
Performance	Capacity	Cooling *1)	kW	2.2	2.8	3.6	5.6	6.8
			Btu/h	7,500	9,500	12,200	19,100	23,200
		Heating *2)	kW	2.5	3.2	4.0	6.3	7.0
			Btu/h	8,500	10,900	13,600	21,400	23,800
Power	Input		W	30	30	35	50	50
	Running Current		A	0.13	0.18	0.19	0.30	0.30
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	31 / 21	31 / 21	35 / 21	40 / 30	41 / 30
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling (High)		m^3/min	7.0	7.0	8.2	13.3	13.3
	Heating (High)		m^3/min	7.3	7.3	8.8	14.0	14.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV *5)	EEV *5)	EEV *5)	EEV *5)	EEV *5)
Piping Connections	Liquid (Flare)		Ø,mm	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)		Ø,mm	12.70	12.70	12.70	12.70	15.88
	Drain (Quick Lock)		Ø,mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
Weight	Net Weight		kg	8.5	8.5	8.5	12.0	12.0
	Shipping Weight		kg	11.5	11.5	11.5	15.0	15.0
Set Size	Net Dimensions (WxHxD)		mm	825x285x189	825x285x189	825x285x189	1,065x298x218	1,065x298x218
	Shipping Dimensions (WxHxD)		mm	900x349x252	900x349x252	900x349x252	1,137x377x299	1,137x377x299
Standard	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
Accessories	Wireless Remote Controller		-	ARH-1364	ARH-1364	ARH-1364	ARH-1364	ARH-1364

Notes

*1) 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

*2) 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

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

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

*5) Optional Accessory

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

Neo Forte

Design incorporates a clean and fashionable front panel with a unique silver accent line that adds a strong impression and a stylish touch to the whole design.

Good'sleep II

Good'sleep II

Innovative technology developed to control the air temperature during your sleep and maintain optimum skin temperature to enjoy a comfortable sleep and also a refreshed wake up.

Catechin filter

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Deodorizing 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 with environmentally friendly materials (2 years of chrome-free silica, 1 layer of Silver coating) to ensure efficient removal of condensation and to guarantee the production of clean and fresh air.

Clean-Cut Front Panel

Silver Accent Line

Bottom Opening Front Panel

Optional Accessories

Individual Controllers

MWR-WE00

MWR-WS00

MWR-TH01

MWR-SH00

Standard Accessories

Wireless Remote Controller

Line-Up

Specification | Neo Forte

Model				AVXWNH022EE	AVXWNH028EE	AVXWNH036EE	AVXWNH056EE	AVXWNH071EE
Performance	Capacity	Cooling *1)	kW	2.2	2.8	3.6	5.6	6.8
			Btu/h	7,500	9,500	12,200	19,100	23,200
		Heating *2)	kW	2.5	3.2	4.0	6.3	7.0
			Btu/h	8,500	10,900	13,600	21,400	23,800
Power	Input		W	25	25	30	45	50
	Running Current		A	0.18	0.18	0.18	0.27	0.30
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	32/23	32/23	36/23	40/30	41/30
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling (High)		m^3/min	7.8	7.8	9.3	12.0	14.0
	Heating (High)		m^3/min	8.2	8.2	9.5	13.0	15.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	External EEV *5)	External EEV *5)	External EEV *5)	External EEV *5)	External EEV *5)
Piping Connections	Liquid (Flare)		Ø,mm	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)		Ø,mm	12.70	12.70	12.70	12.70	15.88
	Drain (Quick Lock)		Ø,mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
Weight	Net Weight		kg	7.8	7.8	7.8	13.0	13.0
	Shipping Weight		kg	9.4	9.4	9.4	16.0	16.0
Set Size	Net Dimensions (WxHxD)		mm	825x285x189	825x285x189	825x285x189	1,065x298x218	1,065x298x218
	Shipping Dimensions (WxHxD)		mm	900x349x252	900x349x252	900x349x252	1,137x377x299	1,137x377x299
Standard	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
Accessories	Wireless Remote Controller		-	ARH-463	ARH-465	ARH-465	ARH-465	ARH-465

Notes

*1) 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

*2) 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

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

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

*5) Optional Accessory

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

Cassette type Air conditioners

Modern style design, functionality for efficiency and four different types of model fits in any interior space. Cooling and heating begins from Samsung's Cassette type indoor units while it gives finishing touch to your interior design.

Cassette Type Line-Up

Slim 1Way Cassette Type

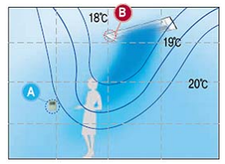
2Way Cassette Type

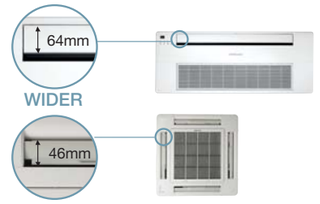
Mini 4Way Cassette Type

4Way Cassette Type

Wide Blade

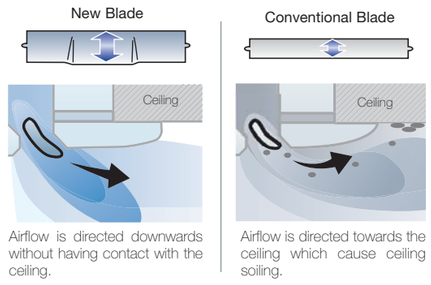
The new cassette type air conditioner is equipped with uniquely designed blades that are wider to provide even cooling and heating power throughout the room.





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 soiling and keep your interior cleaner than ever even, after long period of operation.

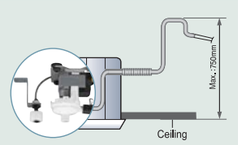


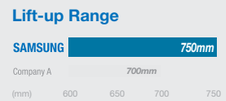
Airflow is directed downwards without having contact with the ceiling.

Airflow is directed towards the ceiling which cause ceiling soiling.

High Lift-up Drain Pump

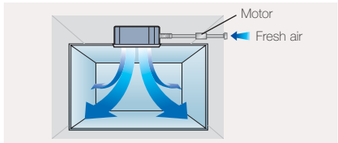
The lift-up drain pump lifts condensed water up to 750mm, compared to the competitor's 700mm, allowing for flexible and convenient installation.





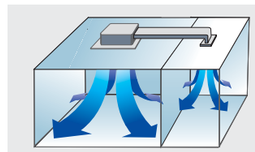
Fresh Air Intake

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



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.)

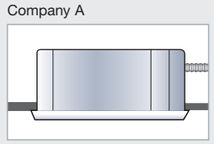


Quick Connection of Drain Pipe

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

Super slim design helps easier installation and the quiet operation still provides plenty of airflow.

WIDE WIDE BLADE

CEILING SOILING PREVENTION

HIGH HIGH LIFT-UP DRAIN PUMP

QUICK QUICK CONNECTION OF DRAIN PIPE

Optional Accessories

Individual Controllers


MWR-WE00


MWR-WS00


MWR-TH01


MWR-SH00


MR-CH01

Panel


PSSMA

Line-Up

7K Btu/h
2.2 kW

9K Btu/h
2.8 kW

12K Btu/h
3.6 kW

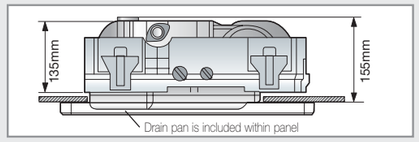
Slim and Compact Design

Slim 1Way Cassette

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

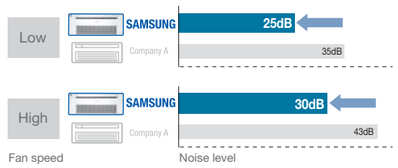
Ensure that there is sufficient installation space. Allow at least 170mm for the installation.

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.

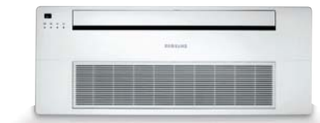
Quiet Operation

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 odors. Samsung's air conditioners are equipped with a check valve built directly into the drain pump to prevent water from flowing backward.



Specification | Slim 1Way Cassette

Model				AVXCSH022EE
Performance	Capacity	Cooling *1)	kW	2.2
			Btu/h	7,500
		Heating *2)	kW	2.5
			Btu/h	8,500
Power	Input		W	40
	Running Current		A	0.20
Power Supply			Ø/V/Hz	1/220~240/50
Mode *3)			-	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	30/25
Fan	Type		-	Cross Flow Fan
Airflow Rate	Cooling (High)		m³/min	6.0
	Heating (High)		m³/min	7.0
Refrigerant	Type		-	R410A
	Control Method		-	EEV
Piping	Liquid (Flare)		Ø,mm	6.35
Connections	Gas (Flare)		Ø,mm	12.70
	Drain (Quick Lock)		Ø,mm	VP20(OD 25,ID 20)
Weight	Net Weight		kg	10.5
	Shipping Weight		kg	13.5
Set Size	Net Dimensions (WxHxD)		mm	970x135x410
	Shipping Dimensions (WxHxD)		mm	1,164x212x478
Panel Size	Model		-	PSSMA
	Net Weight		kg	3.0
	Shipping Weight		kg	5.0
	Net Dimensions (WxHxD)		mm	1,180x25x460
	Shipping Dimensions (WxHxD)		mm	1,259x144x539
Standard	Filter / Safety Grille		-	Filter (Washable)
Accessories	Drain Pump (Pumping speed / lift)		l/h / mm	24/750

Notes

*1) 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

*2) 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

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

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

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

Model				AVXCSH028EE	AVXCSH036EE
Performance	Capacity	Cooling *1)	kW	2.8	3.6
			Btu/h	9,500	12,200
		Heating *2)	kW	3.2	4.0
			Btu/h	10,900	13,600
Power	Input		W	45	50
	Running Current		A	0.23	0.25
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	30 / 25	32 / 27
Fan	Type		-	Cross Flow fan	Cross Flow fan
Airflow Rate	Cooling (High)		m³/min	7.0	8.0
	Heating (High)		m³/min	8.0	9.0
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Piping	Liquid (Flare)		Ø,mm	6.35	6.35
Connections	Gas (Flare)		Ø,mm	12.70	12.70
	Drain (Quick Lock)		Ø,mm	VP20(OD 25,ID 20)	VP20(OD 25,ID 20)
Weight	Net Weight		kg	10.5	10.5
	Shipping Weight		kg	13.5	13.5
Set Size	Net Dimensions (WxHxD)		mm	970x135x410	970x135x410
	Shipping Dimensions (WxHxD)		mm	1,164x212x478	1,164x212x478
Panel Size	Model		-	PSSMA	PSSMA
	Net Weight		kg	3.0	3.0
	Shipping Weight		kg	5.0	5.0
	Net Dimensions (WxHxD)		mm	1,180x25x460	1,180x25x460
	Shipping Dimensions (WxHxD)		mm	1,259x144x539	1,259x144x539
Standard	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
Accessories	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750

Notes

*1) 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

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

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

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

2Way Cassette

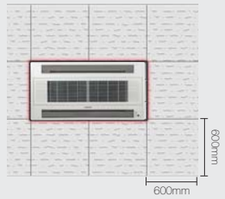
Air coming out from two sides, together with its compact size can be perfect fit for long and narrow places with limited installation space.

HIGH LIFT-UP DRAIN PUMP

QUICK CONNECTION OF DRAIN PIPE

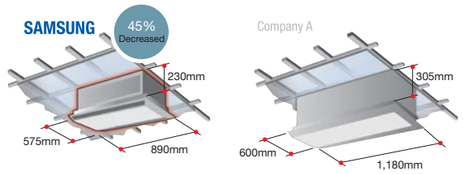
Standard Formula for Easy Installation

The dimensions of the 2Way cassette air conditioner allows for easy installation into standard ceiling grids (600Wx600D), so everything just falls into place.



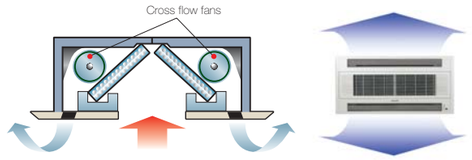
Small Size Big Performance

The 2Way cassette air conditioner is now 45% smaller than competitor's models, so it's even easier to incorporate into building design.



Twin Cross Flow Fan

The 2Way cassette type unit is perfect fit for long and narrow rectangular type of space. Twin Cross Flow Fan inside of the 2Way cassette will spread cool or warm air even further and wider with less noise.



Optional Accessories

Individual Controllers

MWR-WE00 | MWR-WS00 | MWR-TH01 | MWR-SH00 | MR-CH01

Panel

P2SMA

Line-Up

18K Btu/h
5.6 kW

24K Btu/h
7.1 kW

Specification | 2Way Cassette

Model				AVXC2H056EE	AVXC2H071EE
Performance	Capacity	Cooling *1)	kW	5.6	7.1
			Btu/h	19,100	24,200
		Heating *2)	kW	6.3	8.0
			Btu/h	21,400	27,200
Power	Input		W	70	75
	Running Current		A	0.38	0.40
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	36 / 28	38 / 28
Fan	Type		-	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling (High)		m^3/min	14.0	14.0
	Heating (High)		m^3/min	16.0	16.0
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	6.35	9.52
	Gas (Flare)		Ø,mm	12.70	15.88
	Drain (Quick Lock)		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	21.0	21.0
	Shipping Weight		kg	25.0	25.0
Set Size	Net Dimensions (WxHxD)		mm	890x230x575	890x230x575
	Shipping Dimensions (WxHxD)		mm	1,077x299x642	1,077x299x642
Panel Size	Model		-	P2SMA	P2SMA
	Net Weight		kg	4.0	4.0
	Shipping Weight		kg	8.0	8.0
	Net Dimensions (WxHxD)		mm	1,030x25x650	1,030x25x650
	Shipping Dimensions (WxHxD)		mm	1,103x151x727	1,103x151x727
Standard Accessories	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750

Notes

*1) 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

*2) 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

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

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

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

Mini 4Way Cassette

Four way airflow for large coverage combined with more compact size, it is an ideal option for installation with smaller ceiling structures.

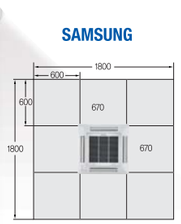
HIGH LIFT-UP DRAIN PUMP

FRESH AIR INTAKE

QUICK CONNECTION OF DRAIN PIPE

Ideal Compact Size

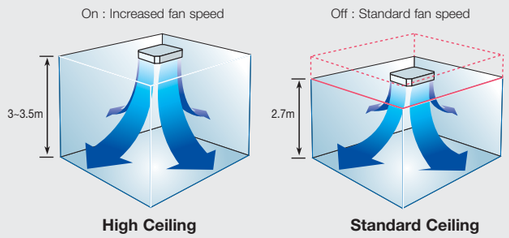
The Mini 4Way cassette air conditioner can be installed in one standard ceiling tile (600Wx600D), which can save installation time.



SAMSUNG Unit : mm

Fan Speed Adjustment

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



Optional Accessories

Individual Controllers


MWR-WE00


MWR-WS00


MWR-TH01


MWR-SH00


MR-CH01

Panel


PMSMA

Line-Up

9K Btu/h 2.8 kW

12K Btu/h 3.6 kW

18K Btu/h 5.6 kW

21K Btu/h 6.0 kW

Specification | Mini 4Way Cassette

Model				AVXCMH028EE	AVXCMH036EE	AVXCMH056EE	AVXCMH060EE
Performance	Capacity	Cooling *1)	kW	2.8	3.6	5.6	6.0
			Btu/h	9,500	12,200	19,100	20,400
		Heating *2)	kW	3.2	4.0	6.3	6.8
			Btu/h	10,900	13,600	21,400	23,200
Power	Input		W	90	90	95	100
	Running Current		A	0.50	0.50	0.52	0.55
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	30 / 25	34 / 27	41 / 33	41 / 33
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Airflow Rate	Cooling (High)		m^3/min	10.1	10.1	10.6	12.2
	Heating (High)		m^3/min	11.9	11.9	12.6	14.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	6.35	6.35	6.35	6.35
	Gas (Flare)		Ø,mm	12.70	12.70	12.70	12.70
	Drain (Quick Lock)		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	17.0	17.0	17.0	17.0
	Shipping Weight		kg	20.0	20.0	20.0	20.0
Set Size	Net Dimensions (WxHxD)		mm	575x260x575	575x260x575	575x260x575	575x260x575
	Shipping Dimensions (WxHxD)		mm	660x310x635	660x310x635	660x310x635	660x310x635
Panel Size	Model		-	PMSMA	PMSMA	PMSMA	PMSMA
	Net Weight		kg	3.5	3.5	3.5	3.5
	Shipping Weight		kg	6.2	6.2	6.2	6.2
	Net Dimensions (WxHxD)		mm	670x35x670	670x35x670	670x35x670	670x35x670
	Shipping Dimensions (WxHxD)		mm	717x93x717	717x93x717	717x93x717	717x93x717
Standard Accessories	Filter / Safety Grille		-	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille
	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750	24/750	24/750

Notes

*1) 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

*2) 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

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

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

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

4Way Cassette

With the air coming out from four different places, the 4Way Cassette type indoor units provide conditioned air to every corner of the space.

WIDE **WIDE BLADE**

CEILING SOILING PREVENTION

HIGH **HIGH LIFT-UP DRAIN PUMP**

FRESH **FRESH AIR INTAKE**

SUB DUCT **SUB DUCT**

QUICK **QUICK CONNECTION OF DRAIN PIPE**

Stylish Panel Design

The stylish panel is well harmonized with any interior design.

Optional Accessories

Individual Controllers


MWR-WE00


MWR-WS00


MWR-TH01


MWR-SH00


MR-CH01

Panel


P4SMA

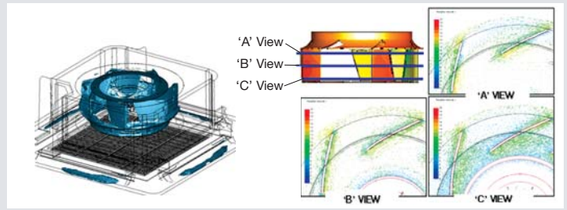
Line-Up

15K Btu/h 4.5 kW	18K Btu/h 5.6 kW	24K Btu/h 7.1 kW	30K Btu/h 9.0 kW	36K Btu/h 11.2 kW	44K Btu/h 12.8 kW	48K Btu/h 14.0 kW

New Turbo Fan

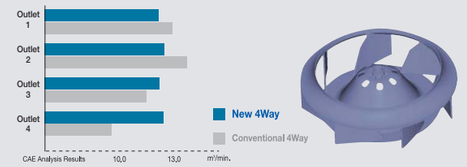
Quiet Operation

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.



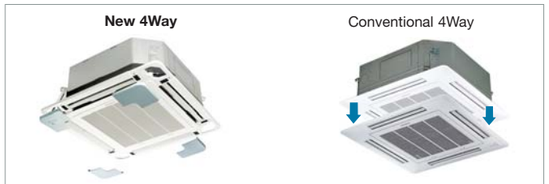
Uniform Distribution

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 Leveling

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

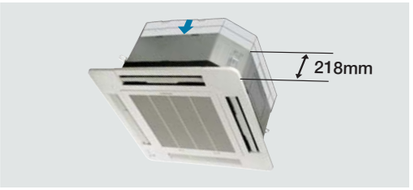


Detachable corners make installation and height adjustments much easier.

Detaching the whole panel took more time.

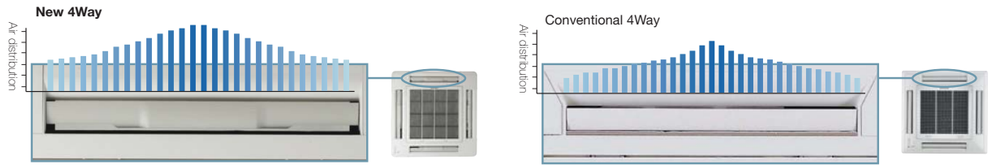
Compact Size

The 4Way cassette type unit has gotten even slimmer. Now only 218mm thick (4.5/5.6/7.1/9.0kW), 24% slimmer compare to competitor's 288mm (9.0kW). It's still the industry leader in compactness and is even easier to install in tight spaces.



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.



Specification | 4Way Cassette

Model				AVXC4H045EE	AVXC4H056EE	AVXC4H071EE	AVXC4H090EE
Performance	Capacity	Cooling *1)	kW	4.5	5.6	7.1	9.0
			Btu/h	15,300	19,100	24,200	30,700
		Heating *2)	kW	5.0	6.3	8.0	10.0
			Btu/h	17,000	21,400	27,200	34,100
Power	Input		W	40	40	45	50
	Running Current		A	0.19	0.19	0.21	0.23
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	34/29	34/29	36/30	39/32
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Airflow Rate	Cooling (High)		m^3/min	14.5	14.5	17.0	19.5
	Heating (High)		m^3/min	16.5	16.5	18.5	21.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	6.35	6.35	9.52	9.52
	Gas (Flare)		Ø,mm	12.70	12.70	15.88	15.88
	Drain (Quick Lock)		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	25.0	25.0	25.0	25.0
	Shipping Weight		kg	31.0	31.0	31.0	31.0
Set Size	Net Dimensions (WxHxD)		mm	840x218x840	840x218x840	840x218x840	840x218x840
	Shipping Dimensions (WxHxD)		mm	926x280x926	926x280x926	926x280x926	926x280x926
Panel Size	Model		-	P4SMA	P4SMA	P4SMA	P4SMA
	Net Weight		kg	7.0	7.0	7.0	7.0
	Shipping Weight		kg	10.3	10.3	10.3	10.3
	Net Dimensions (WxHxD)		mm	950x35x950	950x35x950	950x35x950	950x35x950
	Shipping Dimensions (WxHxD)		mm	1,042x103x1,042	1,042x103x1,042	1,042x103x1,042	1,042x103x1,042
Standard Accessories	Filter / Safety Grille		-	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille
	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750	24/750	24/750

Notes

*1) 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

*2) 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

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

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

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

Model				AVXC4H112EE	AVXC4H128EE	AVXC4H140EE
Performance	Capacity	Cooling *1)	kW	11.2	12.8	14.0
			Btu/h	38,200	43,600	47,700
		Heating *2)	kW	12.5	13.8	16.0
			Btu/h	42,600	47,000	54,500
Power	Input		W	50	65	80
	Running Current		A	0.23	0.30	0.36
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	40 / 33	41 / 35	45 / 38
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
Airflow Rate	Cooling (High)		m^3/min	23.0	25.0	26.5
	Heating (High)		m^3/min	26.5	29.5	32.0
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	9.52	9.52	9.52
	Gas (Flare)		Ø,mm	15.88	15.88	15.88
	Drain (Quick Lock)		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	29.0	29.0	29.0
	Shipping Weight		kg	35.0	35.0	35.0
Set Size	Net Dimensions (WxHxD)		mm	840x298x840	840x298x840	840x298x840
	Shipping Dimensions (WxHxD)		mm	926x360x926	926x360x926	926x360x926
Panel Size	Model		-	P4SMA	P4SMA	P4SMA
	Net Weight		kg	7.0	7.0	7.0
	Shipping Weight		kg	10.3	10.3	10.3
	Net Dimensions (WxHxD)		mm	950x35x950	950x35x950	950x35x950
	Shipping Dimensions (WxHxD)		mm	1,042x103x1,042	1,042x103x1,042	1,042x103x1,042
Standard Accessories	Filter / Safety Grille		-	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille
	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750	24/750

Notes

*1) 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

*2) 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

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

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

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

Duct type Air conditioners

Samsung's duct type air conditioners have a wide range of line up, with a slim size that offers a flexible installation option and the smart pressure control system which gives quiet operation.

Duct Type Line-Up

Slim Duct

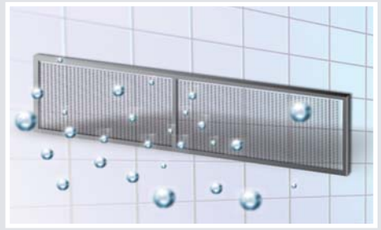
MSP Duct

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.

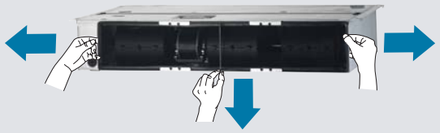
Anti-bacteria Filter

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



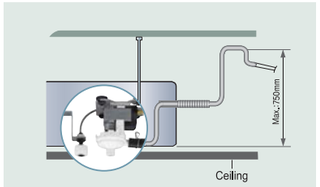
Easy Filter Cleaning

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.)



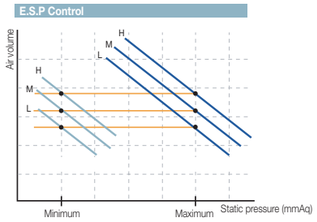
High Lift-up Drain Pump (optional)

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.



Slim Duct

Slim duct type indoor units with industry leading compact size gives flexible installation and easier maintenance options.

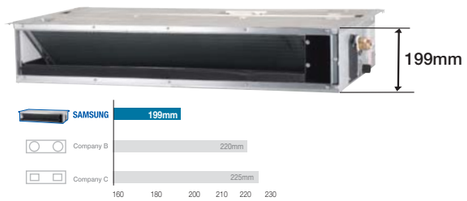
ANTI-BACTERIA FILTER | EASY FILTER CLEANING | HIGH LIFT-UP DRAIN PUMP | SMART PRESSURE CONTROL

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.

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.

Optional Accessories

Individual Controllers

MWR-WE00 | MWR-WS00 | MWR-TH01 | MWR-SH00 | MR-CH01

Drain Pump

MDP-E075SEE / MDP-E075SEE1

Line-Up

Specification | Slim Duct

Model				AVXDSH022EE	AVXDSH028EE	AVXDSH036EE
Performance	Capacity	Cooling *1)	kW	2.2	2.8	3.6
			Btu/h	7,500	9,500	12,200
		Heating *2)	kW	2.5	3.2	4.0
			Btu/h	8,500	10,900	13,600
Power	Input		W	80	80	80
	Running Current		A	0.40	0.40	0.40
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	31 / 26	32 / 27	32 / 27
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling (High)		m^3/min	8.0	9.0	10.0
	Heating (High)		m^3/min	9.0	10.0	12.0
	External Static Pressure	Standard(Min.~Max.)	mmAq	2 (0~4)	2 (0~4)	2 (0~4)
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	6.35	6.35	6.35
	Gas (Flare)		Ø,mm	12.70	12.70	12.70
	Drain		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	26.0	26.0	26.0
	Shipping Weight		kg	31.0	31.0	31.0
Set Size	Net Dimensions (WxHxD)		mm	900x199x600	900x199x600	900x199x600
	Shipping Dimensions (WxHxD)		mm	1,133x333x722	1,133x333x722	1,133x333x722
Standard Accessories	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)
Optional Accessories	Duct Receiver Kits	Receiver	-	MRK-A00	MRK-A00	MRK-A00
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A
	Drain Pump		-	MDP-E075SEE	MDP-E075SEE	MDP-E075SEE

Notes

*1) 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

*2) 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

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

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

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

Specification | Slim Duct

Model				AVXDSH045EE	AVXDSH056EE	AVXDSH071EE
Performance	Capacity	Cooling *1)	kW	4.5	5.6	7.1
			Btu/h	15,300	19,100	24,200
		Heating *2)	kW	5.0	6.3	8.0
			Btu/h	17,000	21,400	27,200
Power	Input		W	90	100	120
	Running Current		A	0.60	0.60	0.60
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	33 / 30	33 / 30	36 / 32
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling (High)		m^3/min	14.5	15.5	16.5
	Heating (High)		m^3/min	16.5	18.0	20.0
	External Static Pressure	Standard(Min.~Max.)	mmAq	2 (0~4)	2 (0~4)	2 (0~4)
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	6.35	6.35	9.52
	Gas (Flare)		Ø,mm	12.70	12.70	15.88
	Drain		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	31.0	31.0	31.0
	Shipping Weight		kg	39.0	39.0	39.0
Set Size	Net Dimensions (WxHxD)		mm	1,100x199x600	1,100x199x600	1,100x199x600
	Shipping Dimensions (WxHxD)		mm	1,330x330x730	1,330x330x730	1,330x330x730
Standard Accessories	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)
Optional Accessories	Duct Receiver Kits	Receiver	-	MRK-A00	MRK-A00	MRK-A00
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A
	Drain Pump		-	MDP-E075SEE	MDP-E075SEE	MDP-E075SEE

Notes

*1) 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

*2) 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

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

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

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

Model				AVXDSH090EE	AVXDSH112EE	AVXDSH128EE	AVXDSH140EE
Performance	Capacity	Cooling *1)	kW	9.0	11.2	12.8	14.0
			Btu/h	30,700	38,200	43,600	47,700
		Heating *2)	kW	10.0	12.5	13.8	16.0
			Btu/h	34,100	42,600	47,000	54,500
Power	Input		W	170	170	200	220
	Running Current		A	0.96	0.96	1.13	1.24
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	40 / 36	40 / 36	41 / 38	41 / 38
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling (High)		m^3/min	29.0	31.2	34.0	36.0
	Heating (High)		m^3/min	34.0	34.0	36.0	38.0
	External Static Pressure	Standard(Min.~Max.)	mmAq	3 (0-6)	3 (0~6)	3 (0~6)	3 (0~6)
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	9.52	9.52	9.52	9.52
	Gas (Flare)		Ø,mm	15.88	15.88	15.88	15.88
	Drain		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	43.0	43.0	46.0	46.0
	Shipping Weight		kg	51.5	51.5	54.5	54.5
Set Size	Net Dimensions (WxHxD)		mm	1,300x295x690	1,300x295x690	1,300x295x690	1,300x295x690
	Shipping Dimensions (WxHxD)		mm	1,600x444x831	1,600x444x831	1,600x444x831	1,600x444x831
Standard Accessories	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
Optional Accessories	Duct Receiver Kits	Receiver	-	MRK-A00	MRK-A00	MRK-A00	MRK-A00
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A	MRW-10A
	Drain Pump		-	MDP-E075SEE1	MDP-E075SEE1	MDP-E075SEE1	MDP-E075SEE1

Notes

*1) 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

*2) 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

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

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

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

MSP Duct

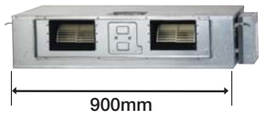
Flexible installation options offer a variety of solutions for different shapes of room, and the smart pressure control system provides quiet operation.

ANTI-BACTERIA FILTER | EASY FILTER CLEANING | HIGH LIFT-UP DRAIN PUMP | SMART PRESSURE CONTROL | WIRED REMOTE CONTROLLER

Silent Operation with the static pressure control

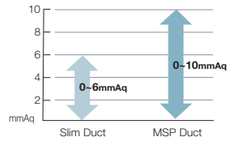
The external static pressure control makes it easy to design duct work to ensure efficiency and silent operation.

Narrow Width (5.6/7.1kW)



※ Width measured without control box.

Middle Static Pressure

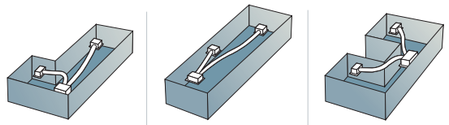


Easy to Maintain

Reduce time and maintenance costs by keeping parts easily accessible.

Flexible Installation

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



Optional Accessories

Individual Controllers

Drain Pump

MDP-M075SGU1 / MDP-M075SGU2 / MDP-M075SGU3

Line-Up

Specification | MSP Duct

Model				AVXDUH056EE	AVXDUH071EE
Performance	Capacity	Cooling *1)	kW	5.6	7.1
			Btu/h	19,100	24,200
		Heating *2)	kW	6.3	8.0
			Btu/h	21,400	27,200
Power	Input		W	130	190
	Running Current		A	1.10	1.25
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	37 / 33	39 / 35
Fan	Type		-	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling (High)		m³/min	14.5	18.5
	Heating (High)		m³/min	15.5	20.0
	External Static Pressure	Standard(Min.~Max.)	mmAq	4 (0~6)	4 (0~6)
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	6.35	9.52
	Gas (Flare)		Ø,mm	12.70	15.88
	Drain		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	31.0	31.0
	Shipping Weight		kg	36.0	36.0
Set Size	Net Dimensions (WxHxD)		mm	900x260x480	900x260x480
	Shipping Dimensions (WxHxD)		mm	1,146x345x584	1,146x345x584
Standard Accessories	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
Optional Accessories	Duct Receiver Kits	Receiver	-	MRK-A00	MRK-A00
		Receiver Wire	-	MRW-10A	MRW-10A
	Drain Pump		-	MDP-M075SGU3	MDP-M075SGU3

Notes

*1) 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

*2) 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

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

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

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

Specification | MSP Duct

Model				AVXDUH090EE	AVXDUH112EE
Performance	Capacity	Cooling *1)	kW	9.0	11.2
			Btu/h	30,700	38,200
		Heating *2)	kW	10.0	12.5
			Btu/h	34,100	42,600
Power	Input		W	240	260
	Running Current		A	1.30	1.17
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	39 / 35	39 / 35
Fan	Type		-	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling (High)		m^3/min	19.5	27.0
	Heating (High)		m^3/min	21.5	27.0
	External Static Pressure	Standard(Min.~Max.)	mmAq	6 (4~8)	8 (6~10)
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	9.52	9.52
	Gas (Flare)		Ø,mm	15.88	15.88
	Drain		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	35.0	39.0
	Shipping Weight		kg	41.0	46.0
Set Size	Net Dimensions (WxHxD)		mm	1,150x260x480	1,150x320x480
	Shipping Dimensions (WxHxD)		mm	1,390x345x584	1,390x420x584
Standard Accessories	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
Optional Accessories	Duct Receiver Kits	Receiver	-	MRK-A00	MRK-A00
		Receiver Wire	-	MRW-10A	MRW-10A
	Drain Pump		-	MDP-M075SGU1	MDP-M075SGU1

Notes

*1) 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

*2) 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

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

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

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

Model				AVXDUH128EE	AVXDUH140EE
Performance	Capacity	Cooling *1)	kW	12.8	14.0
			Btu/h	43,600	47,700
		Heating *2)	kW	13.8	16.0
			Btu/h	47,000	54,500
Power	Input		W	370	410
	Running Current		A	1.67	1.86
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	39 / 35	43 / 38
Fan	Type		-	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling (High)		m^3/min	32.0	37.0
	Heating (High)		m^3/min	31.0	36.0
	External Static Pressure	Standard(Min.~Max.)	mmAq	8 (6~10)	8 (6~10)
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	9.52	9.52
	Gas (Flare)		Ø,mm	15.88	15.88
	Drain		Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	52.0	52.0
	Shipping Weight		kg	60.0	60.0
Set Size	Net Dimensions (WxHxD)		mm	1,200x360x650	1,200x360x650
	Shipping Dimensions (WxHxD)		mm	1,447x425x769	1,447x425x769
Standard Accessories	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
Optional Accessories	Duct Receiver Kits	Receiver	-	MRK-A00	MRK-A00
		Receiver Wire	-	MRW-10A	MRW-10A
	Drain Pump		-	MDP-M075SGU2	MDP-M075SGU2

Notes

*1) 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

*2) 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

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

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

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

Floor & Convertible type Air conditioners

Unique features and uniquely designed indoor units allow more installation options for efficient operation and convenient installation.

Floor & Convertible Type Line-Up

Console

Ceiling

Interior Design

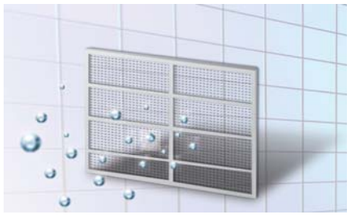
Now with more flexibility in placement, the air conditioner can add a stylish element to your room.

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 molds and bacteria.



Light Weight Unit

This extremely lightweight design makes maintenance and installation easy.

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

Unique design with the two air outlets on top and bottom side of the indoor unit provide more efficient cooling and heating.

INTERIOR DESIGN | ANTI-BACTERIA FILTER | LIGHT WEIGHT UNIT | SILENT MODE | FLEXIBLE PIPE INSTALLATION | WIRELESS REMOTE CONTROL

Optional Accessories

Individual Controllers


MWR-WE00


MWR-WS00


MWR-TH01


MWR-SH00

Standard Accessories

Wireless Remote Controllers


(2.8/3.6kW)


(5.6kW)

Line-Up

9K Btu/h
2.8 kW

12K Btu/h
3.6 kW

18K Btu/h
5.6 kW

Elegant Design

Slim & Smart Design

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

Slim Design

It can't get any slimmer. This newly introduced console type air conditioner 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 stays cleaner.

Black Display

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

2Way 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.

Specification | Console

Model				AVXTJH028EE	AVXTJH036EE
Performance	Capacity	Cooling *1)	kW	2.8	3.6
			Btu/h	9,500	12,200
		Heating *2)	kW	3.2	4.0
			Btu/h	10,900	13,600
Power	Input		W	30	35
	Running Current		A	0.25	0.29
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	38 / 23	39 / 24
Fan	Type		-	Turbo Fan	Turbo Fan
Airflow Rate	Cooling (High)		m³/min	7.0	8.5
	Heating (High)		m³/min	7.2	9.0
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Piping Connections	Liquid (Flare)		Ø,mm	6.35	6.35
	Gas (Flare)		Ø,mm	12.70	12.70
	Drain (Quick Lock)		Ø,mm	ID 18 hose	ID 18 hose
Weight	Net Weight		kg	15.2	15.2
	Shipping Weight		kg	20.3	20.3
Set Size	Net Dimensions (WxHxD)		mm	720x620x199	720x620x199
	Shipping Dimensions (WxHxD)		mm	810x710x295	810x710x295
Standard	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
Accessories	Wireless Remote Controller		-	ARH-1378	ARH-1378

Notes

*1) 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

*2) 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

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

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

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

Model				AVXTJH056E*
Performance	Capacity	Cooling *1)	kW	5.6
			Btu/h	19,100
		Heating *2)	kW	6.3
			Btu/h	21,400
Power	Input		W	62
	Running Current		A	0.49
Power Supply			Ø/V/Hz	1/220-240/50
Mode *3)			-	HP / HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	44/25
Fan	Type		-	Turbo Fan
Airflow Rate	Cooling (High)		m³/min	13.0
	Heating (High)		m³/min	13.5
Refrigerant	Type		-	R410A
	Control Method		-	EEV
Piping Connections	Liquid (Flare)		Ø,mm	6.35
	Gas (Flare)		Ø,mm	12.70
	Drain (Quick Lock)		Ø,mm	ID 18 hose
Weight	Net Weight		kg	15.2
	Shipping Weight		kg	20.3
Set Size	Net Dimensions (WxHxD)		mm	720x620x199
	Shipping Dimensions (WxHxD)		mm	810x710x295
Standard	Filter / Safety Grille		-	Filter (Washable)
Accessories	Wireless Remote Controller		-	ARH-2202

Notes

*1) 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

*2) 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

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

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

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

Ceiling

Two way installation options offers airflow from either the ceiling or floor.

INTERIOR DESIGN — INTERIOR DESIGN

ANTI-BACTERIA FILTER — ANTI-BACTERIA FILTER

LIGHT WEIGHT UNIT — LIGHT WEIGHT UNIT

FLEXIBLE PIPE INSTALLATION — FLEXIBLE PIPE INSTALLATION

2way Installation

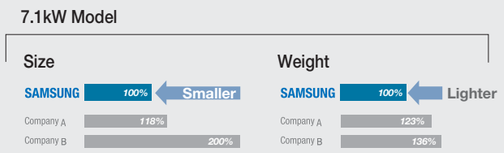
Depending on the space availability and the purpose of the air conditioner, the indoor unit can be installed under the ceiling or on the floor.

Under Ceiling

Floor Standing

Compact but Powerful

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



Optional Accessories

Individual Controllers

MWR-WE00 | MWR-WS00 | MWR-TH01 | MWR-SH00 | MR-CH01

Line-Up

18K Btu/h
5.6 kW

24K Btu/h
7.1 kW

Specification | Ceiling

Model				AVXTFH056EE	AVXTFH071EE
Performance	Capacity	Cooling *1)	kW	5.6	7.1
			Btu/h	19,100	24,200
		Heating *2)	kW	6.3	8.0
			Btu/h	21,400	27,200
Power	Input		W	72	80
	Running Current		A	0.33	0.35
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode *3)			-	HP/HR	HP/HR
Sound	Sound Pressure (High/Low) *4)		dB(A)	38 / 32	41 / 36
Fan	Type		-	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling (High)		m^3/min	14.0	18.0
	Heating (High)		m^3/min	14.5	18.5
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV *5)	EEV *5)
Piping Connections	Liquid (Flare)		Ø,mm	6.35	9.52
	Gas (Flare)		Ø,mm	12.70	15.88
	Drain (Quick Lock)		Ø,mm	ID 18 hose	ID 18 hose
Weight	Net Weight		kg	22.0	22.0
	Shipping Weight		kg	26.0	26.0
Set Size	Net Dimensions (WxHxD)		mm	1,000x650x200	1,000x650x200
	Shipping Dimensions (WxHxD)		mm	1,074x726x294	1,074x726x294
Standard	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
Accessories	Wireless Remote Controller		-	-	-

Notes

*1) 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

*2) 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

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

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

*5) Optional Accessory

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

ERV(Energy Recovery Ventilator) System

Perfect ventilation system with charming technology, providing fresh air while saving energy all year long.

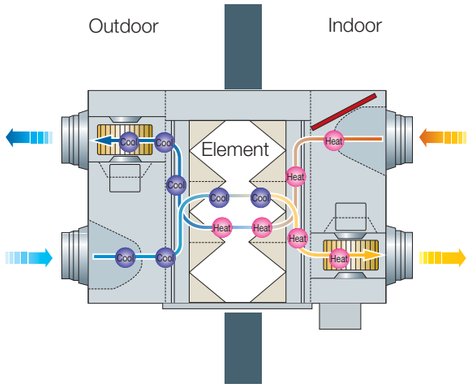
How it Works

Winter

It reduces the costs of heating ventilated air by transferring heat from the warm inside air being exhausted to the fresh (but cold) supply air.

Summer

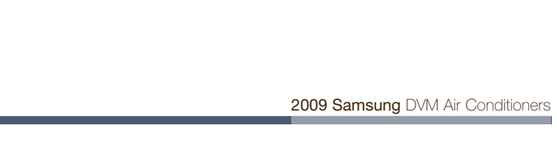
The inside air cools the warmer supply air to reduce ventilation cooling costs.

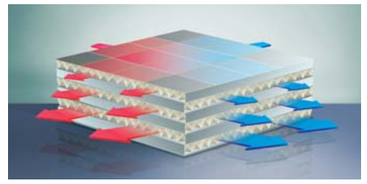


Key Technology

New Diamond Type

- Optimized Airflow Design
- High Efficiency Element
- Compact size





Diamond Type

Automatic Refresh System (CO_2 Sensor) : Optional

- ERV is automatically operated to give fresh air into room by sensing CO_2 Level.

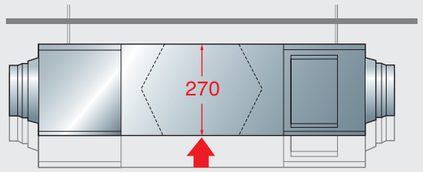
High Efficiency Motor (BLDC)

- Constant air volume by BLDC motor.

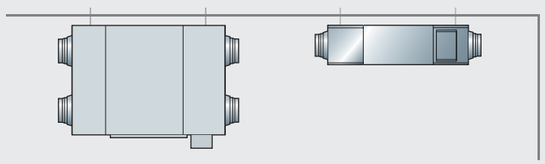
Intelligent Operating System (-15°C) Without Heater

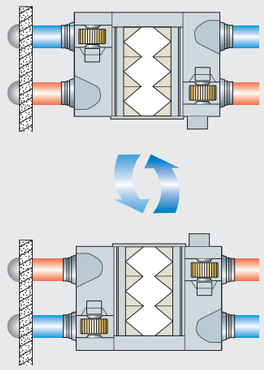
Compact Size & Flexible Installation

● Compact and Slim in Size by High Efficiency Diamond Element.



Ex.) Model No. RHF-035~050



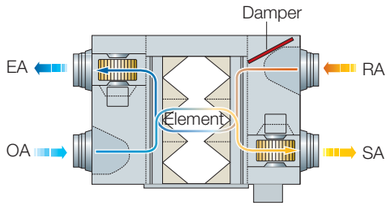


Energy Saving Operation (Auto Mode)

It automatically changes operation mode depending on temperature difference between indoor and outdoor to save energy.

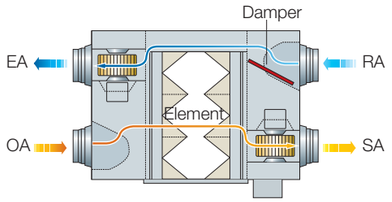
Extreme Climates (Winter & Summer)

When temperature and humidity level difference between indoor and outdoor is big, it operates as ERV.



Mild Climates (Spring & Fall)

When temperature and humidity level difference between indoor and outdoor is small, it operates as conventional ventilation fan.



Line-up

RHF025EE	RHF035EE	RHF050EE	RHF080EE	RHF100EE
250	350	500	800	1,000
				

Specification | ERV System

Model		RHF025EE	RHF035EE	RHF050EE	RHF080EE	RHF100EE
Voltage	V	220~240	220~240	220~240	220~240	220~240
Frequency	Hz	50/60	50/60	50/60	50/60	50/60
Withstand Voltage	-	AC1500V, 1min	AC1500V, 1min	AC1500V, 1min	AC1500V, 1min	AC1500V, 1min
Insulation Resistance	-	30MG	30MG	30MG	30MG	30MG
Air Volume	m^3/hr	250	350	500	800	1,000
External Static Pressure	Pa	110	155	165	155	155
Leakage Rate	%	10	10	10	10	10
Power Input	W	115	115	175	330	450
Current	A	0.7	0.7	1.1	2.1	2.9
Temperature Exchange Efficiency	Cooling %	70	70	70	70	70
	Heating %	70	70	70	70	70
Effective Enthalpy Exchange Efficiency	Cooling %	50	50	50	50	50
	Heating %	70	70	70	70	70
Sound Level (Turbo/Low)	dB(A)	27/22	31/24	32/25	33/29	37/32
Dust Collection Method	-	High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)
Net Dimensions(WxHxD)	mm	600X350X660	1,012X270X1,000	1,012X270X1,000	1,220X340X1,135	1,220X340X1,135
Gross Dimensions (WxHxD)	mm	760X400X807	1,299X337X1,183	1,299X337X1,183	1,475X 440 X1,330	1,475X440X1,330
Weight (Net/Gross)	kg	25.5/30	42.5/53.5	42.5/53.5	67/75.5	67/75.5
Duct Diameter	Ø,mm	150	200	200	250	250

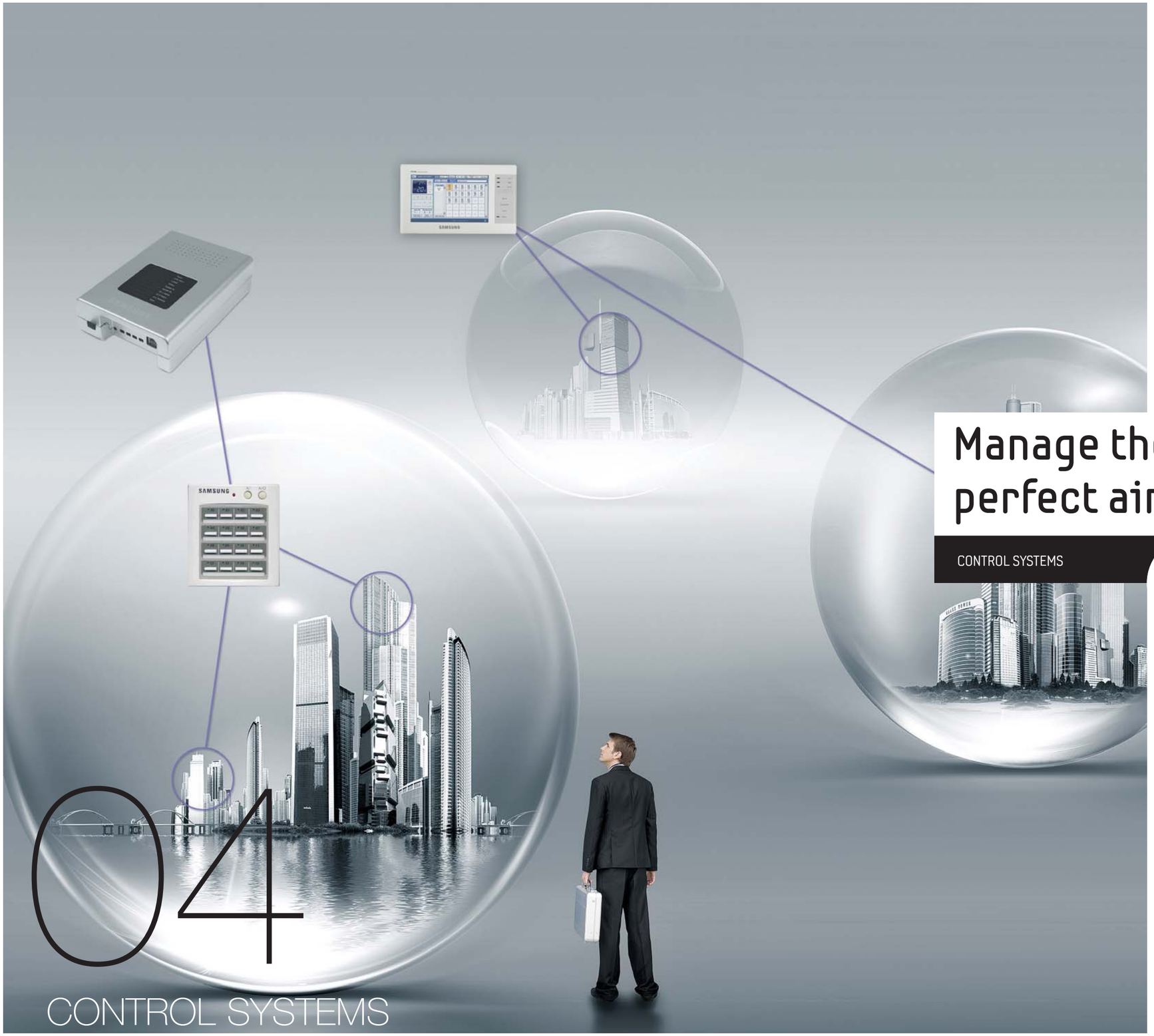
Accessories

Classification	Feature	Model	Description	Relevant Unit	Remark
Y-Joint		MXJ-YA1509K	15.0kW and below	DVM PLUS Ⅱ, DVM PLUS Ⅱ HR DVM PLUS Ⅲ, DVM PLUS Ⅲ HR	Requisite
		MXJ-YA2512K	Over 15.0 ~ 40.6kW and below		
		MXJ-YA2812K	Over 40.6 ~ 46.4kW and below		
		MXJ-YA2815K	Over 46.4 ~ 69.6kW and below		
		MXJ-YA3119K	Over 69.6 ~ 98.6kW and below		
		MXJ-YA3819K	Over 98.6 ~ 139.2kW and below		
		MXJ-YA4422K	Over 139.2kW		
Header Joint		MXJ-HA2512K	Below 46.4kW	DVM PLUS Ⅱ, DVM PLUS Ⅱ HR DVM PLUS Ⅲ, DVM PLUS Ⅲ HR	Option
		MXJ-HA3115K	46.5 ~ 69.6kW		
		MXJ-HA3819K	Over 69.7kW		
Y-Joint (Only for DVM PLUS Ⅲ HR in high pressure gas connection)		MXJ-YA1500K	23.2kW and below	DVM PLUS Ⅲ HR	Requisite
		MXJ-YA2500K	Over 23.2 ~ 63.9kW and below		
		MXJ-YA3100K	Over 69.6 ~ 139.2kW and below		
		MXJ-YA3800K	Over 139.3kW		
Outdoor Joint for DVM PLUS Ⅲ / HR (Outdoor Connection)		MXJ-T3819K	Below 48HP	DVM PLUS Ⅱ, DVM PLUS Ⅱ HR, DVM PLUS Ⅲ, DVM PLUS Ⅲ HR (Module)	Requisite
		MXJ-T4422K	Over 50HP		
Outdoor Joint only for DVM PLUS Ⅲ HR Module (High Pressure Gas Connection)		MXJ-T3100K	Below 48HP	DVM PLUS Ⅲ HR (Module)	Requisite
		MXJ-T3800K	Over 50HP		
MCU Kits		MCU-4EAE1	Below 4 indoor units	DVM PLUS Ⅱ HR, DVM PLUS Ⅲ HR	Requisite (HR only)
		MCU-4EAEV1	Below 4 indoor units *1)		
		MCU-6EAE1	Below 6 indoor units		

Notes

*1) MCU-4EAEV1 is the product that includes built in EEV to connect the indoor unit (wall-mounted type and ceiling type) that does not include EEV.

Classification	Feature	Model	Description	Relevant Unit	Remark
EEV Kits		MXD-A13K116A	Below 3.6kW (1 Room) + 5.6 kW~9.0kW (1Room)	Wall-mounted & Ceiling indoor unit (For 2 indoor units)	Option
		MXD-A13K200A	Below 3.6kW (2 Rooms)		
		MXD-A16K200A	5.6 kW~9.0kW (2Rooms)		
		MXD-A22K200A	5.6 kW~7.1kW (2Rooms)		
		MXD-A13K216A	Below 3.6kW (2 Rooms) + 5.6 kW~9.0kW (1Room)	Wall-mounted & Ceiling indoor unit (For 3 indoor units)	Option
		MXD-A13K300A	Below 3.6kW (3 Rooms)		
		MXD-A16K213A	Below 3.6kW (1 Room) + 5.6 kW~9.0kW (2Rooms)		
		MXD-A16K300A	5.6 kW~9.0kW (3Rooms)		
		MEV-A13SA	Below 3.6kW (1 Room)	Wall-mounted & Ceiling indoor unit (For single unit)	Option
		MEV-A16SA	5.6 kW~9.0kW (1Room)		
Drain Pump		MDP-E075SEE	Slim Duct (2.2~7.1) kW	-	Option
		MDP-E075SEE1	Slim Duct (9.0~14.0) kW		
		MDP-M075SGU1	M.S.P Duct (9.0, 11.2) kW		
		MDP-M075SGU2	M.S.P Duct (12.8, 14.0) kW		
		MDP-M075SGU3	M.S.P Duct (5.6, 7.1) kW		
Front Panel		PSSMA	Slim 1Way Cassette	-	Requisite
		P2SMA	2Way Cassette		
		PMSMA	Mini 4Way Cassette		
		P4SMA	4Way Cassette		



Manage the distribution of perfect air

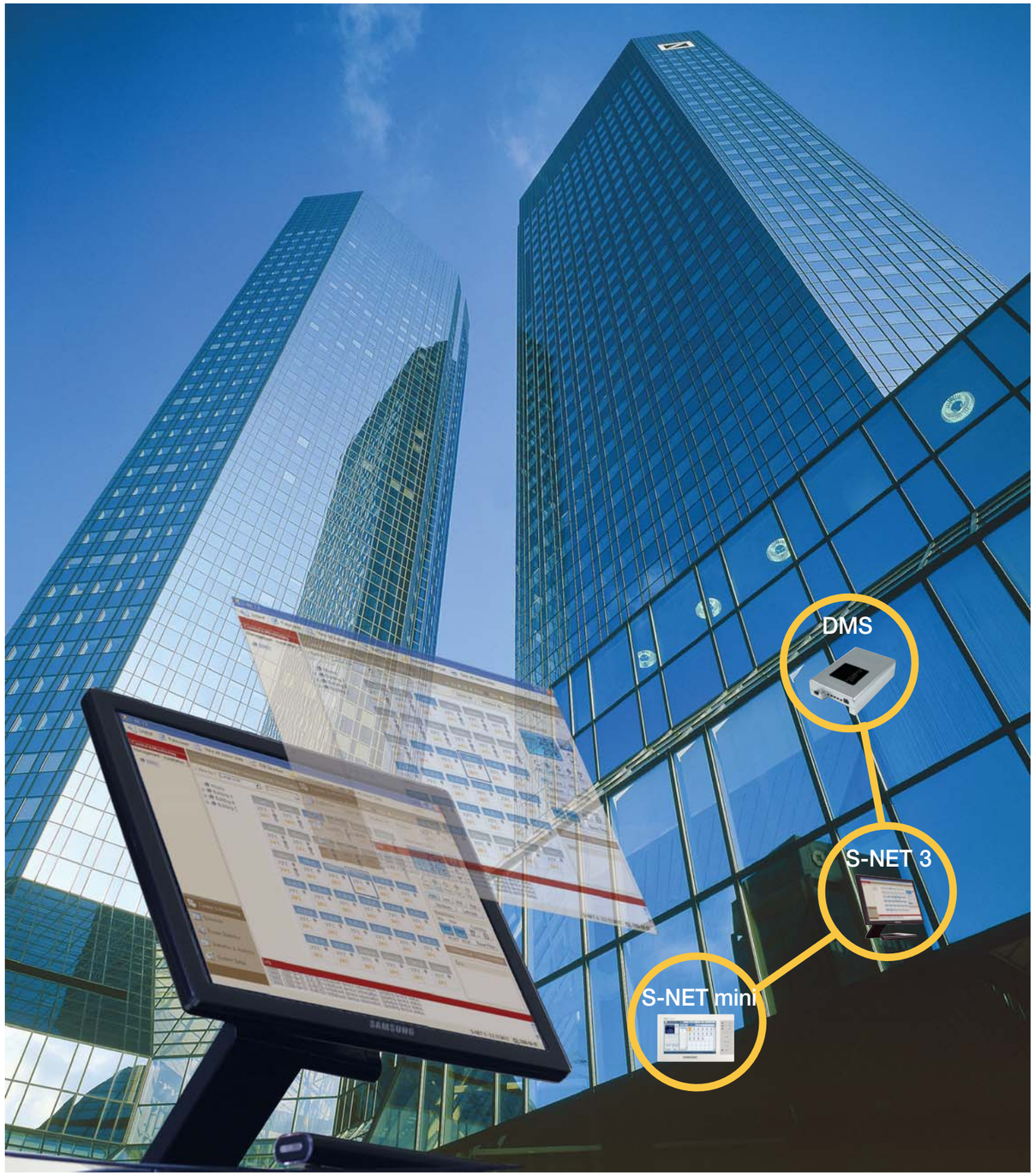
CONTROL SYSTEMS

Samsung's convenient control systems have been improved one step forward for better usability and management. Practically you can control your air conditioner anywhere and anytime.

04
CONTROL SYSTEMS

Integrated Management System

Integrated Management System is convenient for managing system air conditioners installed in small and middle-sized buildings. It can be managed through the Internet so you can control the air conditioners from anywhere.



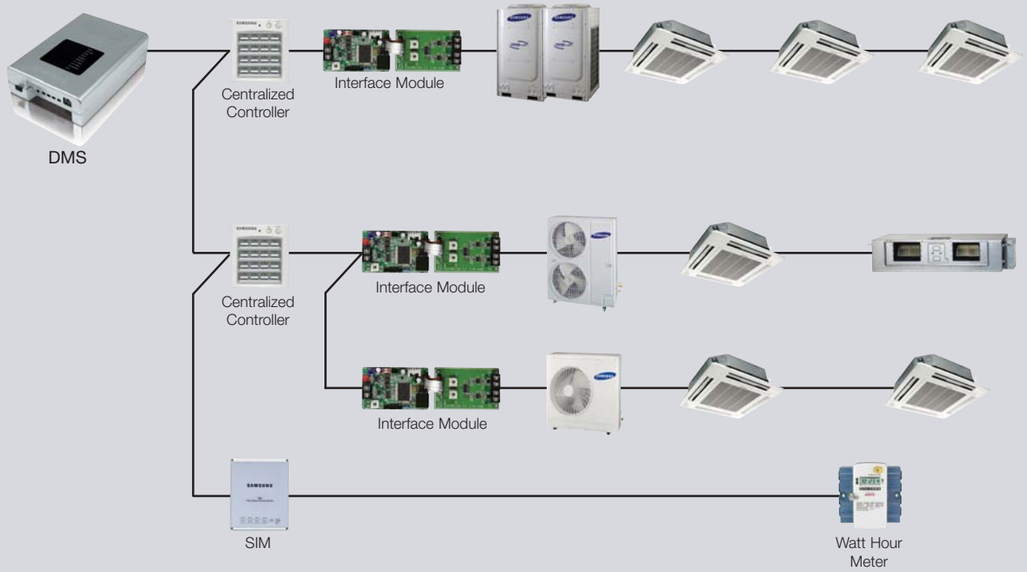
DMS Data Management Server

Web-based Data Management Server allows you to control indoor and outdoor units and manage other functions through the Internet as well.

MIM-D00

- Built-in web server for PC-independent management and remote access control
- Multiple upper-layer control access (S-NET 3, S-NET Mini, Web-client)
- Individual/Group control of up to 256 indoor units and heat exchange units
- Error history management
- Weekly/Daily schedule control
- Power distribution function
- 2 digital inputs, 2 digital outputs
- Current time management even during power failure (for 24 hours)
- Data storage in non-volatile memory
- Emergency stop function with simple contact interface
- Operation mode lock
- Temperature limit setting

DMS System



Web Server Function

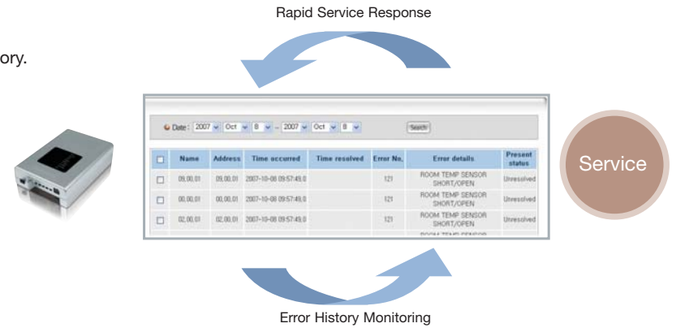
- Built-in web server.
- Multiple upper-layer control access with prioritized management.
- Remote access control with the static IP address.

Schedule Control Function

- Up to 256 schedule settings.
- Weekly, Daily or 1-Day schedule control.
- Exception date setting.

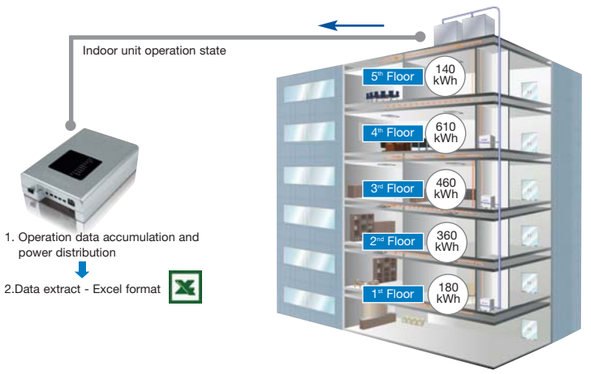
History Management

- Easy service and management with error history.
- Occurrence date, error details, current state.



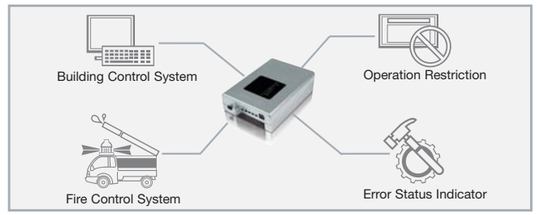
Power Distribution System

- Power distribution to up to 256 indoor units.
- Data query for watt-hour, use time and use ratio.
- File save in Microsoft Excel format.
- 93 days worth of power distribution data storage.



External Contact Interface

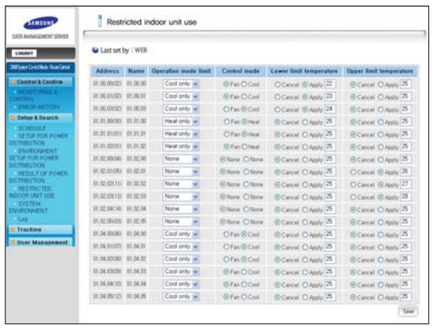
- Full indoor unit control with simple contact input. (Emergency/Lock)
- State output (Operation/Error) for synchronous control.



Main Features

Enhanced central management

- Operation mode lock
- Temperature limit setting
- Wireless / wired remote control restriction



Easy Control & Monitoring

- Individual/Group control and monitoring of up to 256 indoor units.
- Operation mode, temperature setting, airflow direction and fan speed.
- Easy multiple/full indoor unit selection.
- Full room temperature display.
- Error history query based on date.

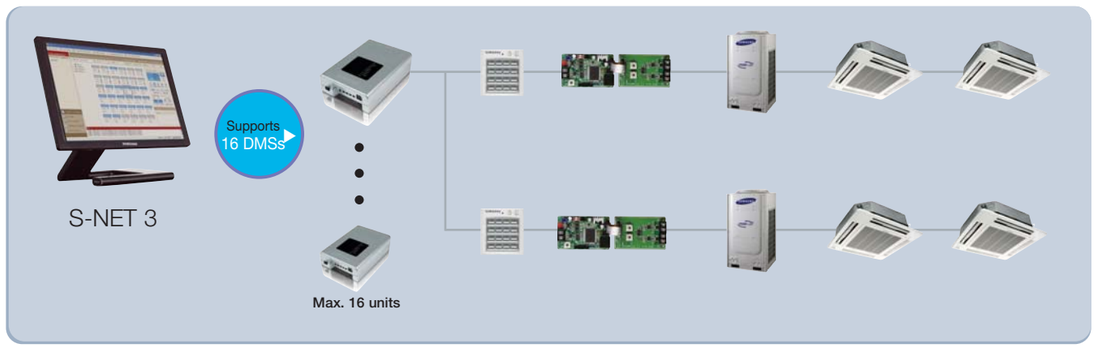
Smart Net Control System

You can manage a group of buildings with S-NET3 through Data Management Servers that manage each of the buildings. S-NET3 provides flexible and complete control for a great variety of applications.

S-NET 3

- Fully integrated PC management software.
- Up to 16 DMSs connection through the Ethernet.
- Central management of up to 4,096 indoor/heat exchange units.
- Schedule/Zone control.
- Error/Operation history management.
- Power distribution management and analysis.
- Automatic update through the Internet.

S-NET 3 System



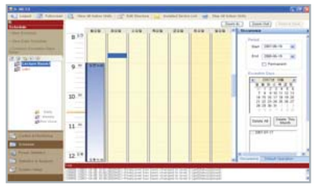
Main Features

Control and Monitoring

- Control & monitoring of up to 4,096 indoor units
- Heat exchange unit management
- Wireless/wired remote control restriction
- Temperature limit setting
- Multiple/full indoor unit selection
- Icon-based indoor unit display mode

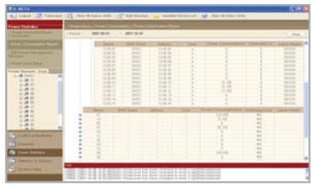
Schedule Control

- Graphical schedule settings
- Weekly, Daily schedule control
- Exception date setting



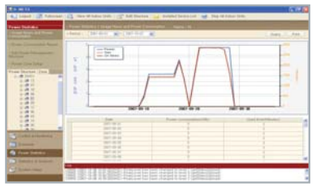
Zone Management

- Management structure customization regardless of installation structure
- Control zone creation/edition/deletion
- Tree structure zone management control



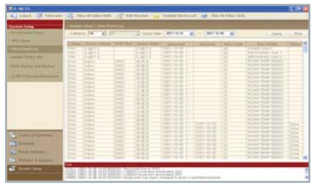
Power Distribution Management

- Data query for power distribution and operation time
- Power distribution report generation and print
- Time section setting for different electricity rates
- Group setting for power distribution summation



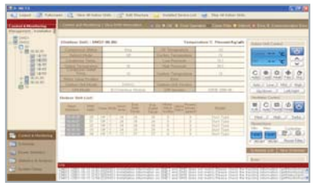
History Management

- Error/Event history management
- Indoor unit operation history management
- Report generation and print



Cycle monitoring

- Monitoring outdoor / indoor unit cycle data
  (Supported for specific outdoor unit models)

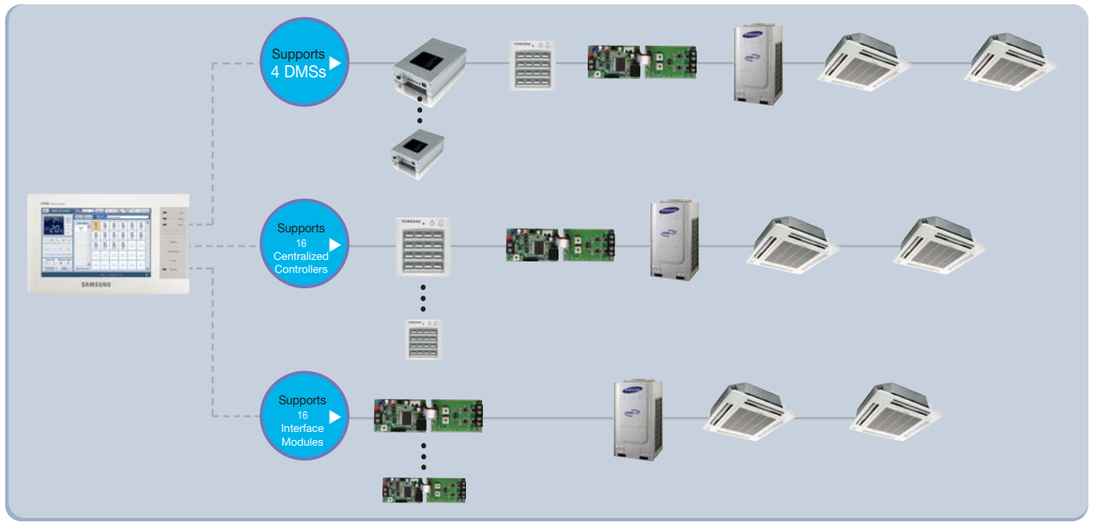


Smart Net Control System

S-NET mini

- Dynamic compatibility options (DMS, centralized controller, interface module)
- Control and monitoring of up to 256 indoor units
- Detailed cycling information monitoring
- Schedule function (Weekly, Daily)
- USB keyboard support
- Error display
- 7-inch wide LCD display
- Temperature limit setting
- Touch screen
- Zone control
- Child-lock setting
- Operation mode lock
- External contact control

Dynamic Compatibility Option



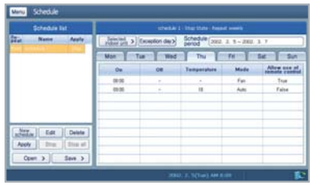
Main Features

Control and monitoring

- Control & Monitoring of up to 256 indoor units/heat exchange units
- Operation control and monitoring
- Detailed operation cycling information monitoring
- Wireless/wired remote control restriction setting

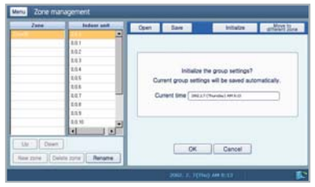
Schedule Control

- Maximum 256 Weekly, Daily schedule control
- Schedule repetition, exception date setting
- Schedule edit (add, edit, delete)
- Detailed operation schedule setting
- Remote control restriction option setting



Zone Management

- Management structure customization regardless of installation structure
- Control zone creation/edition/deletion



Temperature Limit Setting

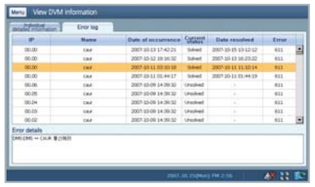
- Upper/Lower temperature limit setting

Cycle Monitoring

- Outdoor/Indoor unit cycling information monitoring (supported for specific outdoor unit models)

Error Management

- Error history management
- Error management information query
- Detailed error information query



Centralized Control System

Samsung's centralized control system can control and monitor up to 4,096 individual indoor units and 256 groups of indoor units simultaneously with great convenience and efficiency.

Function Icon

- Operation — ON/OFF, OPERATION MODE, FAN SPEED, AIRFLOW, TEMPERATURE SETTING
- Group — INDIVIDUAL AND GROUP CONTROL (MAXIMUM 16 INDOOR UNITS)
- Error — ERROR DISPLAY
- Filter — FILTER REPLACEMENT ALARM RESET

Centralized Controller

MCM-A202A

- Maximum 16 group controls (Maximum 256 Indoor units)
- Unified/Individual indoor unit control (On/Off)
- Wireless/wired remote control restriction
- Cooling/Heating mode control
- Indoor unit error display

Function Controller

MCM-A100

- Control and monitoring of up to 16 indoor unit groups

To use Function Controller, it requires to be connected to MCM-A202A

Operation Mode Selection Switch

MCM-C200

- Operation mode selection (Cooling, Heating or Auto)
- Mixed operation mode protection

Interface Module

MIM-B13A

MIM-B04A

- Communicator between indoor/outdoor units and the centralized controller

Individual Control System

Ergonomic and innovative remote controllers feature better design, easy grip, large and soft buttons with easy-to-view displays.

Function Icon

- Operation — ON/OFF, OPERATION MODE, FAN SPEED, AIRFLOW, TEMPERATURE SETTING
- Group — INDIVIDUAL AND GROUP CONTROL (MAXIMUM 16 INDOOR UNITS)
- Error — ERROR DISPLAY
- Filter — FILTER REPLACEMENT ALARM RESET

Wireless Remote Controller

MR-CH01

- Simple schedule control
- Wide display
- Soft touch button

Wired Remote Controller

MWR-WE00 (Multi function)

- Unified controller (A/C, ERV, A/C+ERV)
- Different button permission levels
- Weekly schedule setting (A/C, ERV, A/C+ERV)
- Exception date setting
- Built-in room temperature sensor
- Clear and bright screen with LCD backlight
- Wireless remote control restriction
- Automatic Stop mode
- Sleep and Silent mode
- Child lock

MWR-WS00 (Premium)

- Weekly schedule setting (Maximum 70 schedules)
- Exception date setting
- Built-in room temperature sensor
- Clear and bright screen with LCD backlight
- Temperature limit setting
- Wireless remote control restriction
- Automatic Stop mode
- Sleep and Silent mode
- Child lock

MWR-TH01

- Simple schedule control
- Wireless remote control restriction

Simplified wired remote controller

MWR-SH00

- Mode selection protection

ERV Wired remote controller

MWR-VH01

- Individual and group control (Maximum 16 ERVs)
- On/Off control
- Operation mode (By-Pass, Heat Exchange), fan speed
- Simple schedule control
- Error display
- Synchronous operation with indoor units

Wireless Signal Receiver
(for Duct-type indoor unit)

MRK-A00

- ON/OFF control
- Operation indication
- Error Indication
- Filter replacement sign
- Use with receiver wire, MRW-10A

7-day Scheduler

MWR-BS00

- Up to 100 weekly and daily schedule settings
- Schedule setting based on 1-minute time units
- Digital clock display
- Permanent schedule setting storage
- Current time protection from blackout (maximum 3 days)
- Use with wired remote controller, or centralized controller. (MWR-TH01, MCM-A202A)

Building Management System

BMS (Building Management System) makes it possible to control and monitor the air conditioning network using the remote control and monitoring function. Optimum control with BMS-related interface modules keeps the air conditioning system efficient, saves energy, reduces maintenance costs and extends the life cycle of the units.

Lonworks Lonworks

MIM-B07

- Interface for Lon-Connection to Lonworks management system
- Quick and easy installation
- Up to 12 indoor units can be controlled
- Communication : RS485 to Lonworks
- Upper physical layer : FTT-10A

BMS Control Function

- On/Off control
- Temperature setting
- Operation mode
- Fan speed

Monitoring Function

- On/Off
- Operation mode
- Room temperature
- Error information

KeyTag Guest Room Management System

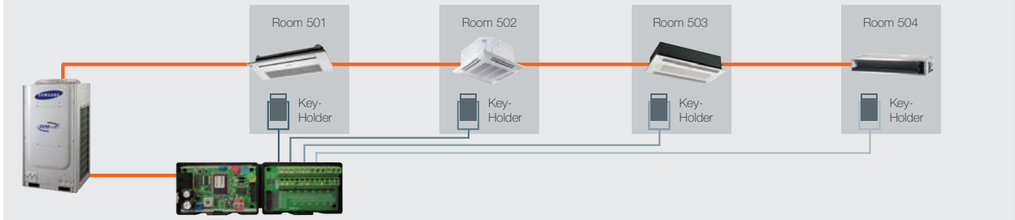
The Guest Room Management System is a smart way to save energy and money.
When the Key Tag is in place, the air conditioner is activated. When the Key Tag is removed, the air conditioner switches off. Now you can avoid cooling an unoccupied room and save energy.

Key Tag Interface Module

MIM-B02

- Indoor unit control by external contact signals
- Individual/Group control of up to 16 indoor units
- Combinational use with sensor/timer/emergency inputs

Example

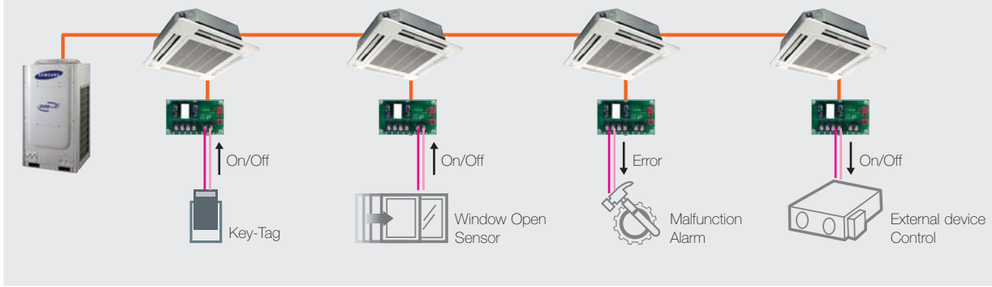


External Contact Interface Module

MIM-B14

- Direct indoor unit control by external contact signal
- Window-synchronized indoor unit control
- Emergency control with simple contact input
- Indoor unit operation/error state output through relay contacts

Example

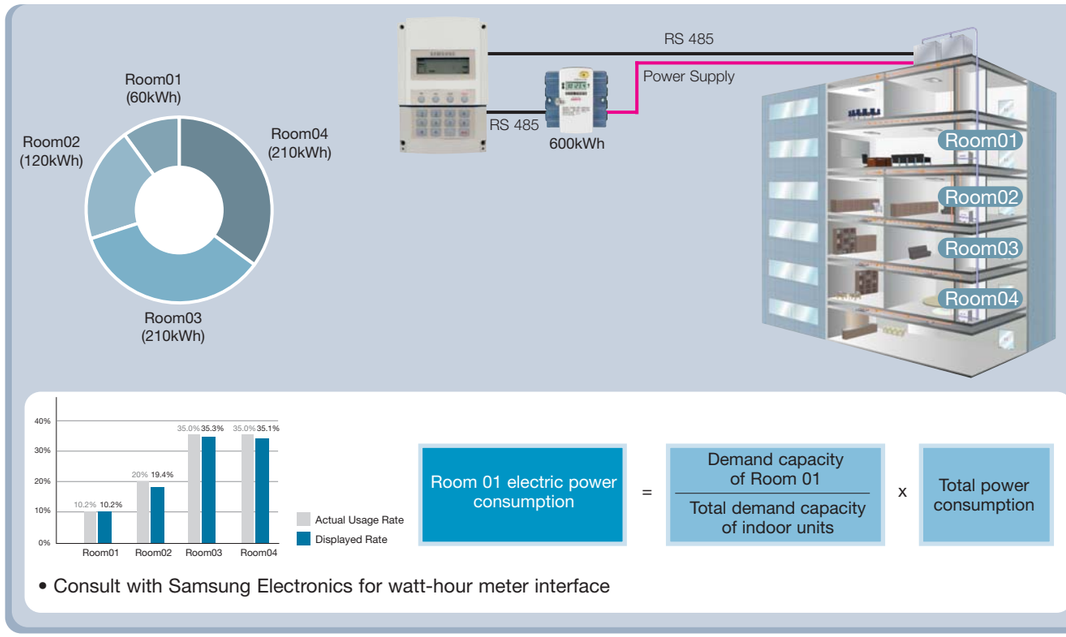


(Wall mounted type indoor unit : Only EEV including model supports state output function)

Power Distribution Unit

MCM-B102

- Real-time power distribution for one indoor/outdoor system.
- Power distribution to maximum 48 indoor units.
- Communication error display.
- Total system power consumption display.
- Power consumption display of individual indoor units.
- Data storage even during a power failure.



- Consult with Samsung Electronics for watt-hour meter interface

Watt-hour meter Interface Module

MIM-B12

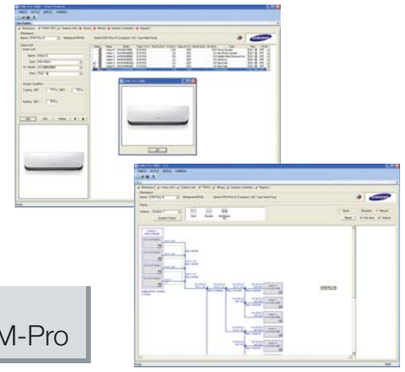
- Exclusive use for DMS power distribution.
- Connection with up to 8 watt-hour meters.
- RS485 interface with watt-hour meters.
- Power consumption display for each watt-hour meter.
- Automatic detection of specified watt-hour meters.

DVM - Pro (DVM, FJM, CAC Equipment Selection Software)

DVM-Pro consists of two kinds of software called DVM-Pro Sales and CAD mode.

DVM-Pro Sales mode

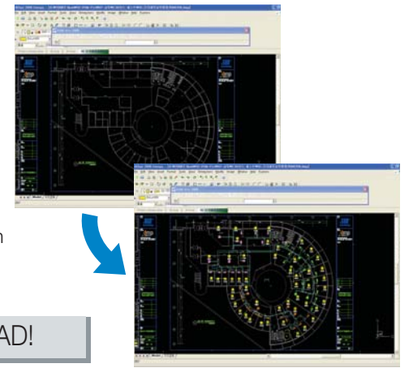
- **Workspace:** Creation 'Project' & ,'Workspace (DVM, FJM, CAC)'
- **Indoor Unit:** Indoor unit and accessory selection
- **Outdoor Unit:** Automatic selection and capacity simulation
- **Piping:** Basic, standard or manual selection with system check
- **Wiring:** Automatic diagram with communication wiring of indoor/ outdoor/control units and electric power meters
- **Control system:** Automatic control unit selection
- **Report:** Specifications, diagrams and quotation



Download!
www.dvmsystem.com ➔ Download Center ➔ DVM-Pro

DVM-Pro CAD mode

- **Quick, easy, precise design**
- **Compatibility with AutoCAD**
- **Automatic calculation:** Refrigerant & drain pipe size
- **Automatic selection:** Refnet joint, header & distributor kit
- **System check:** Installation regulation & refrigerant addition
- **Simulation:** System capacities
- **Easy control system selection**
- **Automatic report:** Piping installation diagram, equipment list & quotation



Contact to Samsung HQ or Distributors for DVM-Pro CAD!

Accessories

Classification		Product		Model	Image	Application Model
Integrated Management System	Controller	DMS		MIM-D00		DVM Series, FJM, CAC, ERV
		S-NET 3		MST-P3P		DVM Series, FJM, CAC, ERV
		S-NET mini		MST-S3W		DVM Series, FJM, CAC
	Interface Module	SIM		MIM-B12		DVM Series, FJM
Centralized Control System	Controller	Centralized Controller		MCM-A202A		DVM Series, FJM, CAC, ERV
		Function Controller		MCM-A100		DVM Series, FJM, CAC
		Operation Mode Selection Switch		MCM-C200		DVM Series
	Interface Module	Centralized Control Interface Module		MIM-B13A		Mini DVM(R410A), DVM PLUS Ⅱ, DVM PLUS Ⅱ HR,DVM PLUS Ⅲ, DVM PLUS Ⅲ HR, FJM, ERV
				MIM-B04A		DVM, DVM PLUS, DVM HR, CAC
Individual Control System	Controller	Wireless Remote Controller		MR-CH01		Cassette, Ceiling, Duct (Receiver needed), Console (Included)
		Wired Remote Controller (Multi Function)		MWR-WE00		Cassette, Wall Mounted, Ceiling, Duct, Console
		Wired Remote Controller (Premium)		MWR-WS00		Cassette, Wall Mounted, Ceiling, Duct, Console
		Wired Remote Controller		MWR-TH01		Cassette, Wall Mounted, Ceiling, Duct, Console
		Simplified Wired Remote Controller		MWR-SH00		Cassette, Wall Mounted, Ceiling, Duct, Console
		ERV Wired Remote Controller		MWR-VH01		ERV
		Wireless Signal Receiver Kit	Wireless Signal Receiver	MRK-A00		Duct (For Wireless Remote Controller)
			Receiver Wire	MRW-10A		Duct (For Wireless Remote Controller)
		7-day Scheduler		MWR-BS00		Cassette, Wall Mounted, Ceiling, Duct
Building Management System		Lonworks Interface Module		MIM-B07		DVM Series, FJM
Guest Room Management System		Key-tag Interface Module		MIM-B02		DVM Series, FJM
		External Contact Interface Module		MIM-B14		CAC, Mini DVM(R410A), DVM PLUS Ⅱ, DVM PLUS Ⅱ HR,DVM PLUS Ⅲ, DVM PLUS Ⅲ HR, FJM(Non MH***FKEA)
Power Distribution		Power Distribution Unit		MCM-B102		DVM Series, FJM

DVM Series : Mini DVM, DVM, DVM PLUS, DVM HR, DVM PLUS Ⅱ, DVM PLUS Ⅱ HR, DVM PLUS Ⅲ, DVM PLUS Ⅲ HR

Icon Index

Wall-mounted Type Icon

Auto Roof Shutter
Air conditioner automatically seals off to prevent dirt infiltration.

MPI (Micro Plasma Ion)
MPI 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 molds 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 molds 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 CONTOLLER
Default wireless remote controller is provided.

Control Systems Icon

ON/OFF, OPERATION MODE, FAN SPEED, AIR FLOW, TEMPERATURE SETTING

INDIVIDUAL AND GROUP CONTROL (MAXIMUM 16 INDOOR UNITS)

ERROR DISPLAY

FILTER REPLACEMENT ALARM RESET