



imagine refreshing comforts

2008 Samsung DVM System Air Conditioner will provide you refreshing coolness. Feel the comfort you have never experienced with the cool, refreshing air that Samsung's new DVM PLUS III Air Conditioners provides. Experience the maximum comfort in real life. With Samsung, imagination comes to life.

Samsung Electronics Co., LTD.

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Big Confidence Global Leading Company >> SAMSUNG

SAMSUNG brand equity has reached 16.85 billion USD in 2007

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 16.85 billion USD (2007) 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.

Rank	Brand	Country of origin	Sector	2007 Brand Value	Change in Brand Value
1	Coca-Cola	US	Beverages	65,324 \$m	-3%
2	Microsoft	US	Computer Software	58,709 \$m	3%
3	IBM	US	Computer Services	57,091 \$m	2%
11	Citi	US	Financial Services	23,443 \$m	9%
21	Samsung	Republic of Korea	Consumer Electronics	16,853 \$m	4%
22	Merrill Lynch	US	Financial Services	14,343 \$m	10%
25	Sony	Japan	Consumer Electronics	12,907 \$m	10 %
29	Nike	US	Sporting Goods	12,004 \$m	10 %
31	Dell	US	Computer Hardware	11,554 \$m	-6 %

21 Samsung Republic of Korea Consumer Electronics 16,853\$m 4%

The Best Global Brands 2007 Report Ranking by Interbrand



Tremendous Investment in R & D

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.

What is “Green Management?”



SAMSUNG Electronics' corporate policy of making "Green Management, the top priority of all corporate activities" has led to bold and continuous measures. Such measures include developing green technologies and green products, reducing waste and maintaining accident-free workplaces based on the five pillars of Green Management: Management, Products, Processes, Workplaces and Communities. SAMSUNG is not only making its products more environmentally friendly, but is also building pollution-free workplaces by minimizing the use of harmful substances in processes and developing greener substitutes. With the pursuit of green management, Samsung will continue to create new values as a digital leader in the 21st century.

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Control Systems

108_ Integrated Management System
116_ Centralized Control System
118_ Individual Control System
120_ Building Management System
123_ Accessories

imagine beyond your limit

2008 Samsung DVM System Air Conditioners have all the desirable features you can possibly get. This year's outdoor units with new advanced technologies are more powerful and efficient. Stylish indoor units have also become more compact for easier installation. Complete control system helps easier control and adds convenience. Everything is just ahead of your expectation for absolute satisfaction.










Line-up - Outdoor Units



Samsung DVM Air Conditioners runs with new refrigerant R410A, which will not pollute our global environment.

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



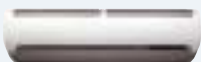
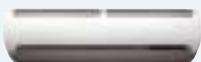
































4HP	5HP	6HP
		

Free Joint Multi

4.0kW 2 Units	5.0kW 2 Units	6.0kW 3 Units	7.0kW 4 Units	8.0kW 4 Units
				



Line-up - Indoor Units

<div> <div>KBtu/h</div> <div>kW</div> </div> <div>Type</div>	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
MB											
Vivace											
Neo Forte											
Slim 1Way											
2Way cassette											
Mini 4Way cassette											
4Way cassette											
Slim Duct											
M.S.P Duct											
Console											
Ceiling											



Samsung DVM Air Conditioners runs with new refrigerant R410A, which will not pollute our global environment.



imagine
never ending development

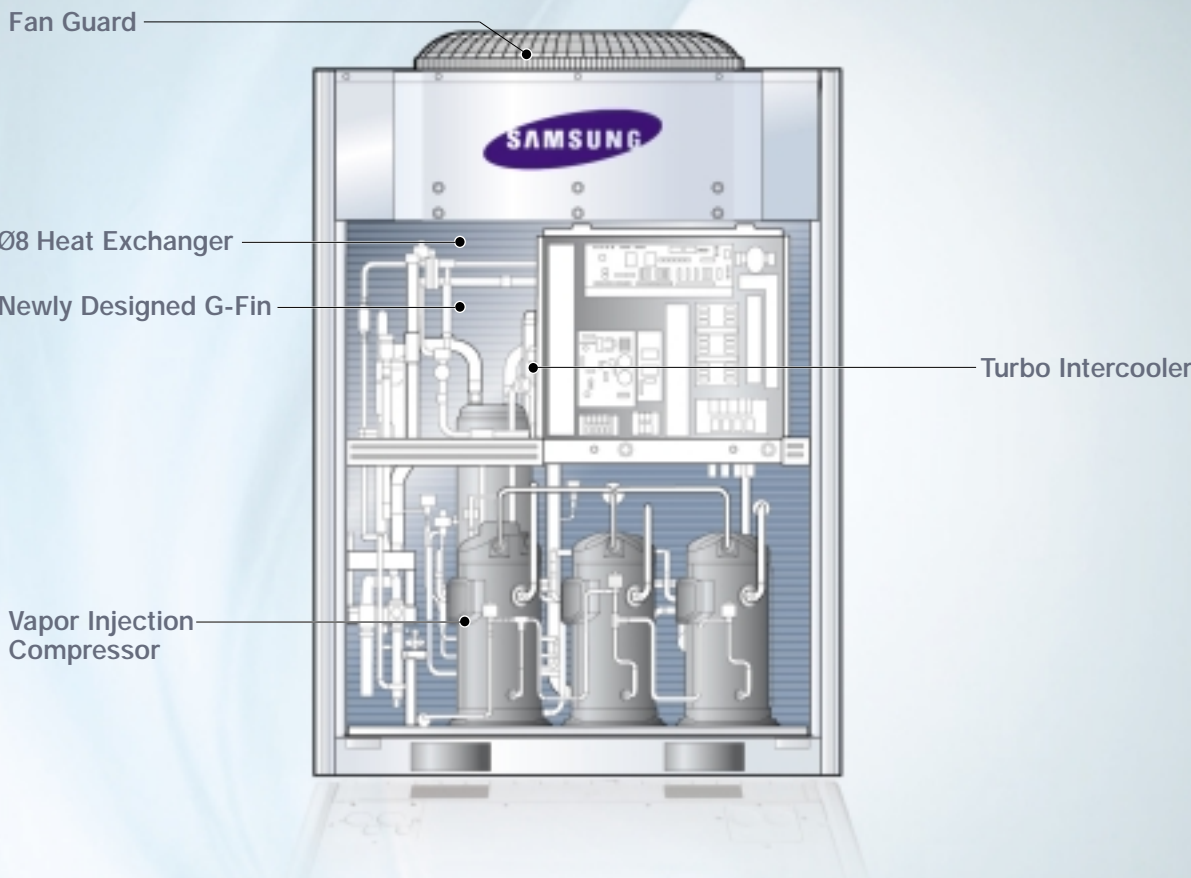


See this year's new technologies with your own eyes. Never ending development of Samsung's technologies will satisfy all your expectations. Each of this year's new technologies were considered to provide you the most efficient and convenient air conditioners. Experience all the newest technologies. Feel the difference.

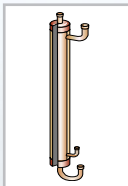


Overview

New DVM Plus III System Air Conditioner has improved its performance with remarkable technologies. We now introduce these notable technologies and how they improved the performance of your air conditioner. Witness the wonderful technologies that makes better world.



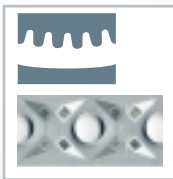
DVI Compressor
DVI (Digital Vapor Injection) compressor injects optimized mid-range pressure refrigerant to improve cooling and heating performance and efficiency.



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



Ø8 Heat Exchanger
Highly efficient Ø8 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.



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

New Technology

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

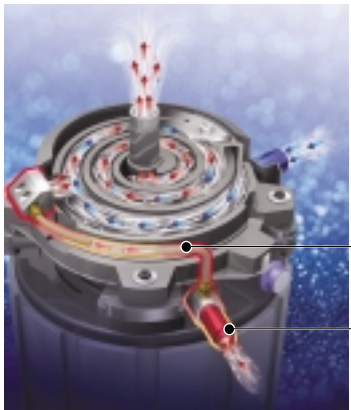
Efficient and reliable DVI Compressor coupled with Vapor Injection technology has been applied to improve cooling and heating performance and energy efficiency.



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.

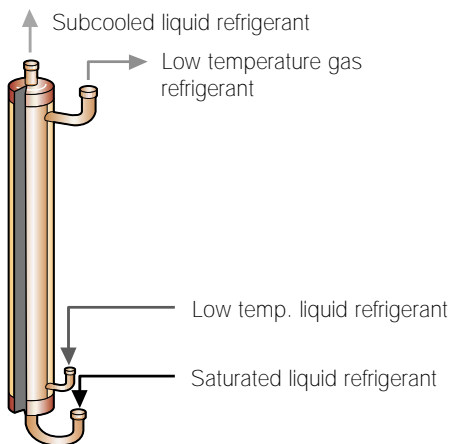
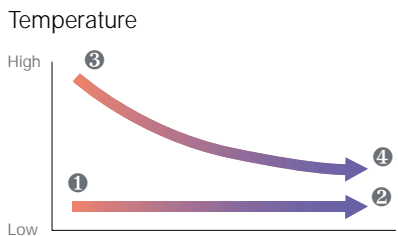
- Increase refrigerant flow rates with a new Vapor Injection technology.
- Improved Sub-cooling necessary for long piping runs while increasing cooling and heating performance and COP.



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 (200 m).



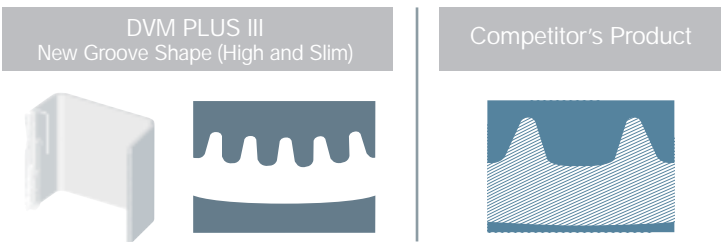
New Technology

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.

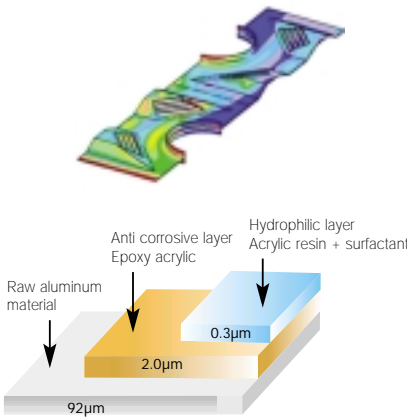
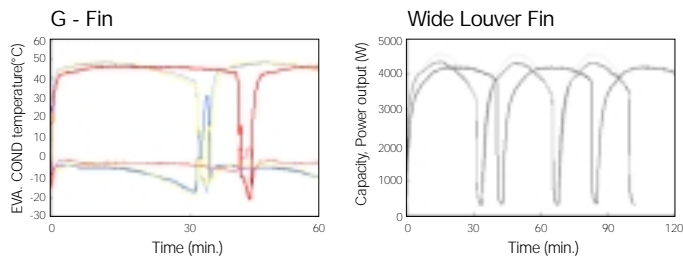


Item		Improved Heat Exchanger
Diameter		Φ7 → Φ8
Heat transfer surface area		19% ↑
Pressure loss in heat exchanger	Evaporation	14.1% ↓
	Condensation	10.3% ↓
Internal heat transfer performance		30.8% ↑
Pressure resistance		same

New G - Fin

Highly efficiency new G-Fin increased 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.

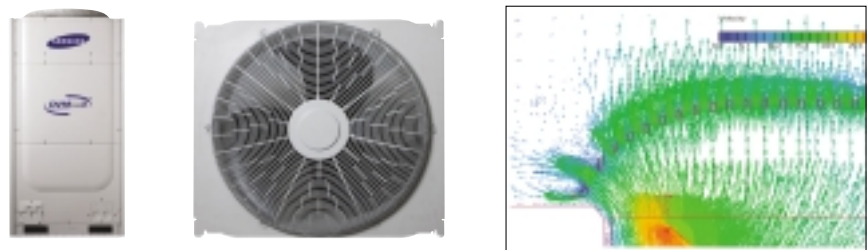


Newly Designed Fan Guard

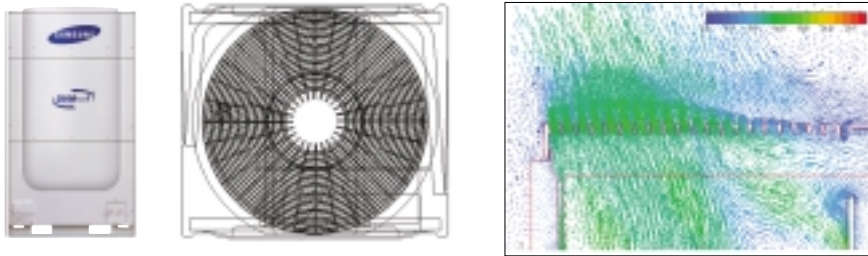
Fan Guard has been optimized to improve air volume and reduce noise and vibration.

- 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

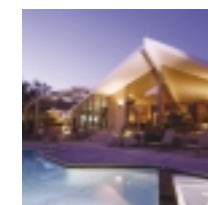
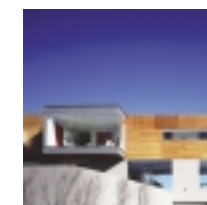
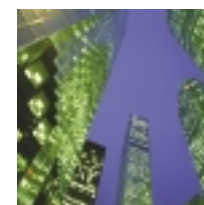


Outdoor Units

imagine the absolute power

New DVM Plus III system air conditioners have become more powerful, efficient and compact. DVM Plus III is equipped with more advanced technologies to provide effective cooling and heating, save energy, and help easier installation. DVM Plus III has capacity up to 64HP with more compact size. Be ready for the new generation of the outdoor unit.

>> 18_ DVM PLUS III / HR >> 42_ Mini DVM >> 46_ Free Joint Multi



DVM PLUS III / HR

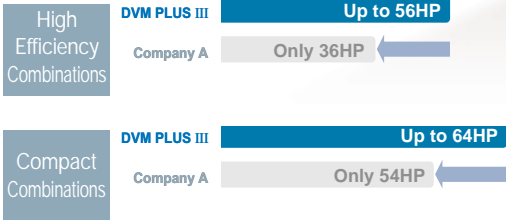
Multi Modular Technology

DVM Plus III/HR offers the largest capacity in the industry with 64HP and boasts the highest COP levels. More compact size, with larger capacity, shows the efficiency of the product. DVM Plus III HR has all the features which DVM Plus III has and offers even more features. DVM Plus III HR will give you simultaneous cooling and heating where different air conditioning is needed under same outdoor unit.






NEW
PRODUCT

Comparison to Inverter III



Line up

Basic Model

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

Combination Table

High Efficiency Combinations

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

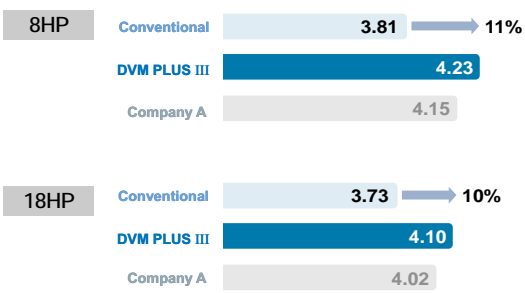
Compact Combinations

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

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

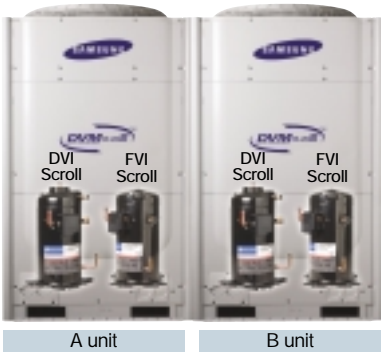
- DHS(Digital Hybrid System) technology increased refrigerant flow rate and evaporation enthalpy difference.
- Wide Ø8 Grooved pipe and G-Fin increased heat exchange efficiency.
- The best BLDC Motor in the industry and Optimum Fan Guard design increased efficiency.



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

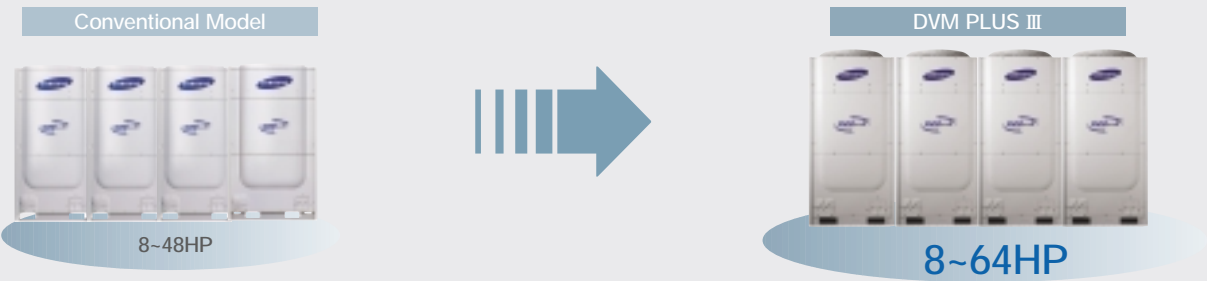
- Control the compressor capacity precisely.
- Ensure long life cycle by alternating operation of the DVI compressors.
- Improve COP using multiple heat exchangers of outdoor units at part loads.



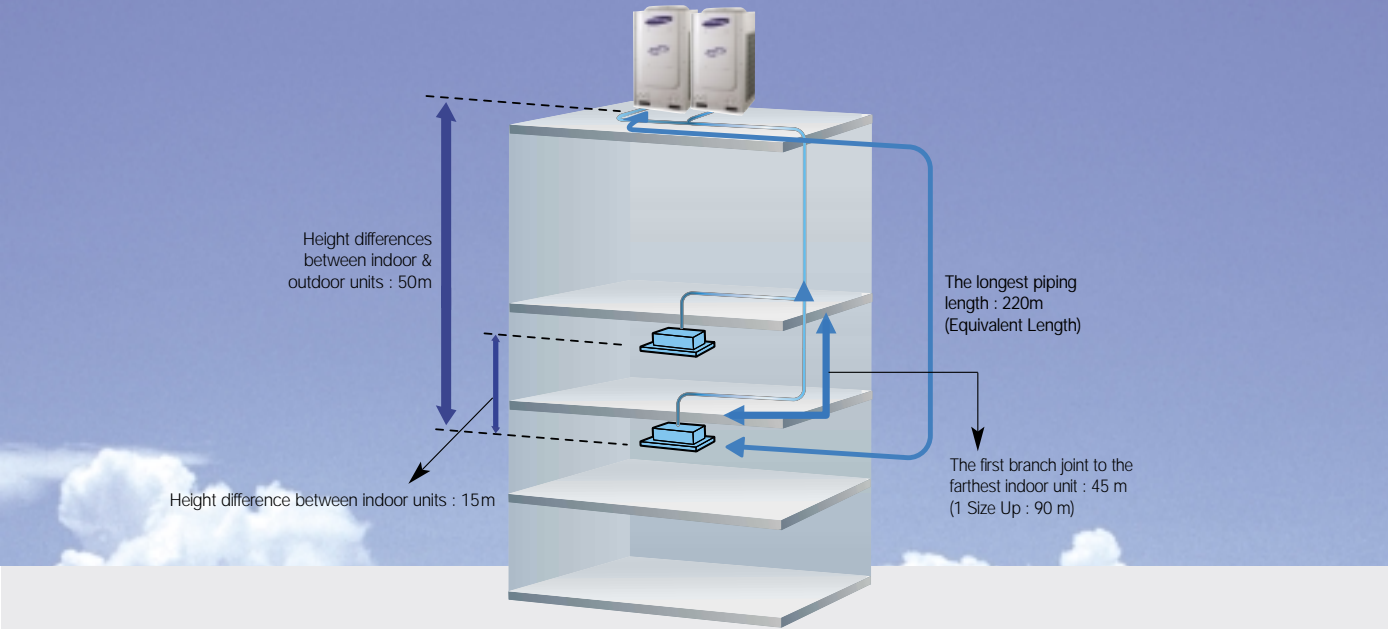
The World's Largest Capacity

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 types supporting up to 64 indoor units provide consumers 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 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

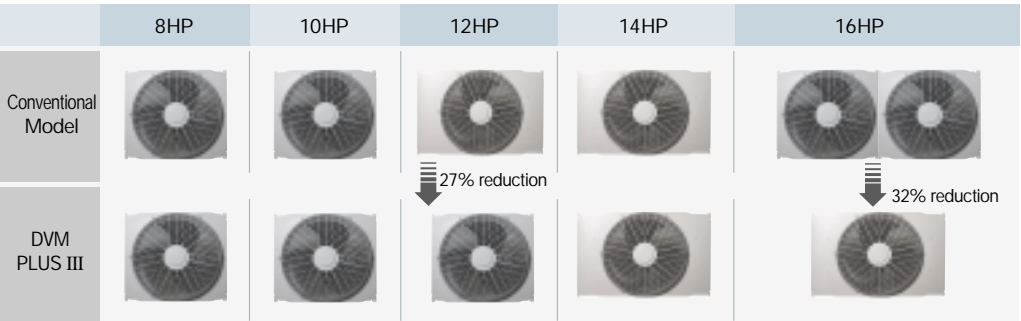
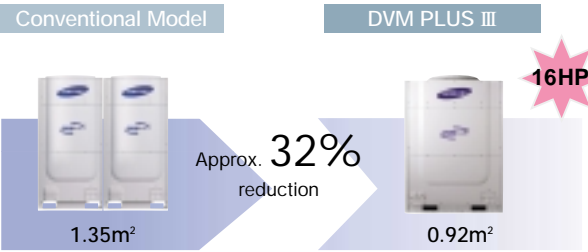
- The longest piping length : 220m (Equivalent Length)
- Total piping length: 1000 m
- From the first branch joint to the farthest indoor unit : 90m (with one piping Size Up)

The Smallest Foot Print Area

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

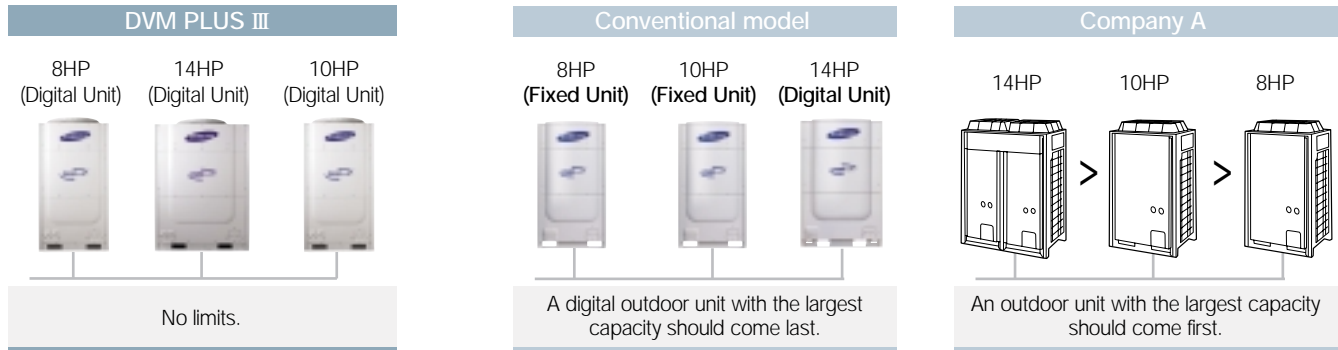
Space Saving

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



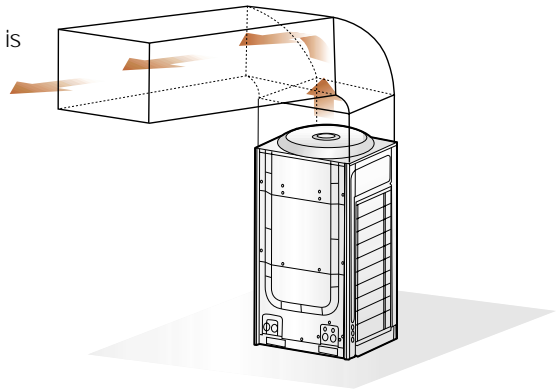
Free Installation

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



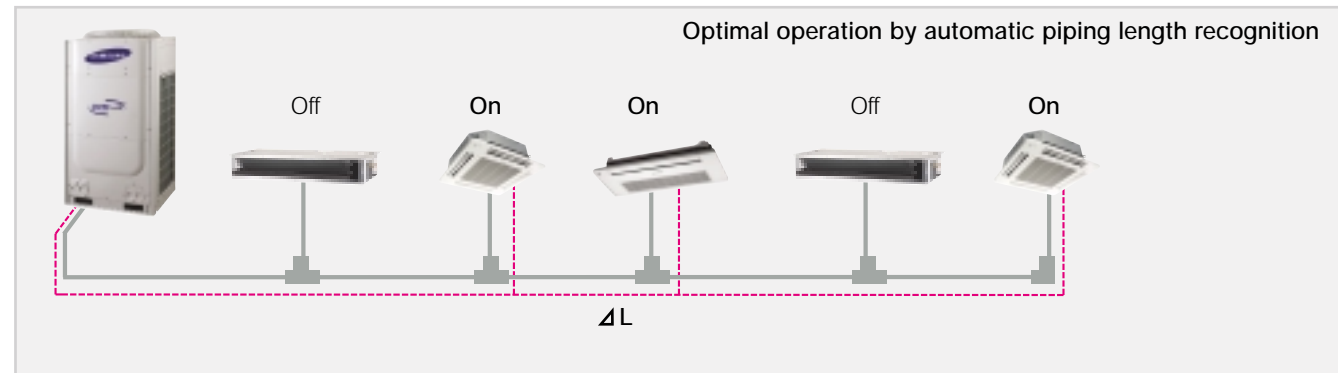
External Static Pressure

To respond to a range of various installation environments, DVM PLUS III is designed to be used even in external static pressure of 8 mm Aq.



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 how to diagnose any refrigerant leakage in 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

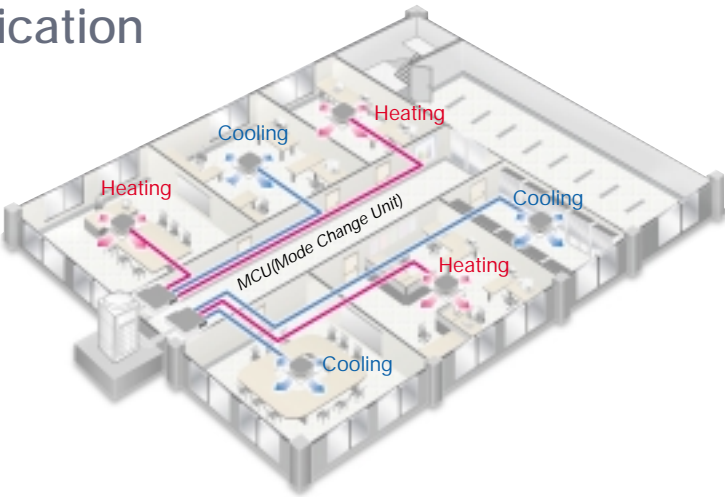
DVM Plus III is an eco-friendly product that prevents pollution problems caused by the use of lead, by applying lead-free indoor and outdoor PCBs.



DVM PLUS III HR Versatile Application

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

- 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 / HR

Basic Model

Model			DVM PLUS III	RVXVHT080GE	RVXVHT100GE	RVXVHT120GE
			DVM PLUS III HR	RVXVRT080GE	RVXVRT100GE	RVXVRT120GE
Power supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	8	10	12
	Capacity	Cooling ^{*2)}	kW	22.4	28.0	33.6
			Btu/h	76,400	95,500	114,600
		Heating ^{*3)}	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
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	Max.Length	m	200	200	200
	Limitation	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		°C	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24

Notes

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

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

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

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

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

Model			DVM PLUS III	RVXVHT140GE	RVXVHT160GE
			DVM PLUS III HR	RVXVRT140GE	RVXVRT160GE
Power supply			Ø/V/Hz	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP/HR	HP/HR
Performance	Horse Power		HP	14	16
	Capacity	Cooling ^{*2)}	kW	39.2	44.8
			Btu/h	133,800	152,900
		Heating ^{*3)}	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
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	Max.Length	m	200	200
	Limitation	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		°C	-5~43	-5~43
	Heating		°C	-20~24	-20~24

Notes

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

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

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

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

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

Specification | 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				
Power supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	16	18	20
	Capacity	Cooling ^{*2)}	kW	44.8	50.4	56.0
			Btu/h	152,800	171,900	191,000
		Heating ^{*3)}	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
	COP	Cooling		-	3.89	3.72
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	Max.Length	m	200	200	200
	Limitation	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		°C	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24

Notes

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

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

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

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

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

Module Type - High Efficiency

Model				22 HP	24 HP	26 HP
	Basic	RVXVHT080GE / RVXVRT080GE			3	2
		RVXVHT100GE / RVXVRT100GE		1		1
		RVXVHT120GE / RVXVRT120GE		1		
		RVXVHT140GE / RVXVRT140GE				
Power supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	22	24	26
	Capacity	Cooling ^{*2)}	kW	61.6	67.2	72.8
			Btu/h	210,100	229,200	248,300
		Heating ^{*3)}	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
	COP	Cooling		-	3.39	3.89
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	Max.Length	m	200	200	200
	Limitation	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		°C	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24

Notes

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

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

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

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

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

Specification | DVM PLUS III / HR

Module Type - High Efficiency

Model				28 HP	30 HP	32 HP
	Basic	RVXVHT080GE / RVXVRT080GE		1		
		RVXVHT100GE / RVXVRT100GE		2	3	2
		RVXVHT120GE / RVXVRT120GE				1
		RVXVHT140GE / RVXVRT140GE				
Power supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	28	30	32
	Capacity	Cooling ^{*2)}	kW	78.4	84.0	89.6
			Btu/h	267,400	286,500	305,600
		Heating ^{*3)}	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
	COP	Cooling		-	3.68	3.60
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	Max.Length	m	200	200	200
	Limitation	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		°C	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24

Notes

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

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

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

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

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

Module Type - High Efficiency

Model				34 HP	36 HP	38 HP
	Basic	RVXVHT080GE / RVXVRT080GE				
		RVXVHT100GE / RVXVRT100GE		2	1	1
		RVXVHT120GE / RVXVRT120GE			1	
		RVXVHT140GE / RVXVRT140GE		1	1	2
Power supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	34	36	38
	Capacity	Cooling ^{*2)}	kW	95.2	100.8	106.4
			Btu/h	324,800	343,900	363,100
		Heating ^{*3)}	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
	COP	Cooling		-	3.58	3.45
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	Max.Length	m	200	200	200
	Limitation	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		°C	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24

Notes

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

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

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

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

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

Specification | DVM PLUS III / HR

Module Type - High Efficiency

Model				40 HP	42 HP	44 HP
	Basic	RVXVHT080GE / RVXVRT080GE				
		RVXVHT100GE / RVXVRT100GE				3
		RVXVHT120GE / RVXVRT120GE		1		
		RVXVHT140GE / RVXVRT140GE		2	3	1
Power supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	40	42	44
	Capacity	Cooling ^{*2)}	kW	112.0	117.6	123.2
			Btu/h	382,200	401,400	420,300
		Heating ^{*3)}	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
	COP	Cooling		-	3.46	3.56
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	Max.Length	m	200	200	200
	Limitation	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		°C	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24

Notes

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

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

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

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

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

Module Type - High Efficiency

Model				46 HP	48 HP	50 HP
	Basic	RVXVHT080GE / RVXVRT080GE				
		RVXVHT100GE / RVXVRT100GE		2	2	1
		RVXVHT120GE / RVXVRT120GE		1		1
		RVXVHT140GE / RVXVRT140GE		1	2	2
Power supply			Ø/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	46	48	50
	Capacity	Cooling ^{*2)}	kW	128.8	134.4	140.0
			Btu/h	439,400	458,600	477,700
		Heating ^{*3)}	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
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	Max.Length	m	200	200	200
	Limitation	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		°C	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24

Notes

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

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

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

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

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

Specification | DVM PLUS III / HR

Module Type - High Efficiency

Model			52 HP	54 HP	56 HP
	Basic	RVXVHT080GE / RVXVRT080GE			
		RVXVHT100GE / RVXVRT100GE			
		RVXVHT120GE / RVXVRT120GE	2	1	
		RVXVHT140GE / RVXVRT140GE	2	3	4
Power supply	Ø/V/Hz		3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}	-		HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	54	56
	Capacity	Cooling ^{*2)}	kW	145.6	156.8
			Btu/h	496,800	535,200
		Heating ^{*3)}	kW	163.8	176.4
			Btu/h	559,000	602,000
Power	Nominal Input	Cooling	kW	42.80	44.00
		Heating	kW	39.60	41.60
	Circuit Breaker (MCCB/ELB)		A	150	150
COP	Cooling		-	3.40	3.56
	Heating		-	4.14	4.24
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	22.23	22.23
	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	11x4
Sound	Sound Pressure ^{*4)}		dB(A)	66	66
Set Size	Net Weight	DVM PLUS III	kg	240x2+320x2	320x4
		DVM PLUS III HR	kg	242x2+323x2	323x4
	Shipping Weight	DVM PLUS III	kg	253x2+337x2	337x4
		DVM PLUS III HR	kg	255x2+340x2	340x4
	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		°C	-5~43	-5~43
	Heating		°C	-20~24	-20~24

Notes

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

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

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

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

- 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			
Power supply	Ø/V/Hz		3/380~415/50	3/380~415/50	3/380~415/50
Mode ^{*1)}	-		HP/HR	HP/HR	HP/HR
Performance	Horse Power		HP	18	22
	Capacity	Cooling ^{*2)}	kW	50.4	61.6
			Btu/h	171,900	210,100
		Heating ^{*3)}	kW	56.7	69.3
			Btu/h	193,500	236,500
Power	Nominal Input	Cooling	kW	13.54	18.18
		Heating	kW	12.67	16.56
	Circuit Breaker (MCCB/ELB)		A	50	60
COP	Cooling		-	3.72	3.39
	Heating		-	4.48	4.18
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	15.88	15.88
	Gas		Ø,mm	28.58	28.58
	Discharge Gas (DVM PLUS III HR)		Ø,mm	25.40	25.40
	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	7.5x2
Sound	Sound Pressure ^{*4)}		dB(A)	60	62
Set Size	Net Weight	DVM PLUS III	kg	240x2	240x2
		DVM PLUS III HR	kg	242x2	242x2
	Shipping Weight	DVM PLUS III	kg	253x2	253x2
		DVM PLUS III HR	kg	255x2	255x2
	Net Dimensions (WxHxD)		mm	(880x1,703x765)x2	(880x1,703x765)x2
	Shipping Dimensions (WxHxD)		mm	(948x1,868x832)x2	(948x1,868x832)x2
Operating Temp. Range	Cooling		°C	-5~43	-5~43
	Heating		°C	-20~24	-20~24

Notes

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

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

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

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

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

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

Notes

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

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

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

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

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

Module Type - Compact

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

Notes

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

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

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

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

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

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

Notes

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

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

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

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

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

Module Type - Compact

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

Notes

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

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

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

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

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

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

Notes

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

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

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

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

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

Module Type - Compact

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

Notes

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

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

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

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

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

Specification | 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	
Power supply	Ø/V/Hz			3/380~415/50	3/380~415/50
Mode ^{*1)}				-	-
Performance	Horse Power		HP	58	60
	Capacity	Cooling ^{*2)}	kW	162.4	168.0
			Btu/h	554,200	573,300
		Heating ^{*3)}	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
COP	Cooling		-	3.11	3.07
	Heating		-	3.50	3.47
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	22.23	22.23
	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	Max.Length	m	200	200
	Limitation	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		°C	-5~43	-5~43
	Heating		°C	-20~24	-20~24

Notes

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

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

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

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

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

Module Type - Compact

Model				62 HP	64 HP
	Basic	RVXVHT080GE / RVXVRT080GE			
		RVXVHT100GE / RVXVRT100GE			
		RVXVHT120GE / RVXVRT120GE			
		RVXVHT140GE / RVXVRT140GE		1	
	RVXVHT160GE / RVXVRT160GE		3	4	
Power supply	Ø/V/Hz			3/380~415/50	3/380~415/50
Mode ^{*1)}				-	-
Performance	Horse Power		HP	62	64
	Capacity	Cooling ^{*2)}	kW	173.6	179.2
			Btu/h	592,500	611,600
		Heating ^{*3)}	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
COP	Cooling		-	3.13	3.03
	Heating		-	3.53	3.36
Fan	Type/Control		-	Propeller/BLDC	Propeller/BLDC
Piping Connections	Liquid		Ø,mm	22.23	22.23
	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	Max.Length	m	200	200
	Limitation	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		°C	-5~43	-5~43
	Heating		°C	-20~24	-20~24

Notes

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

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

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

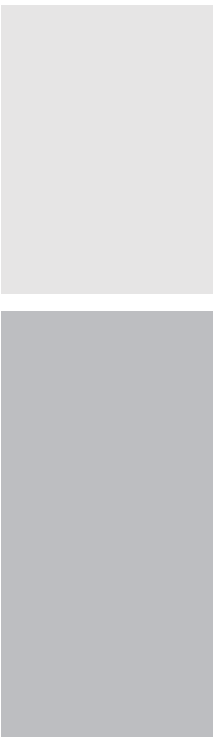
*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

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

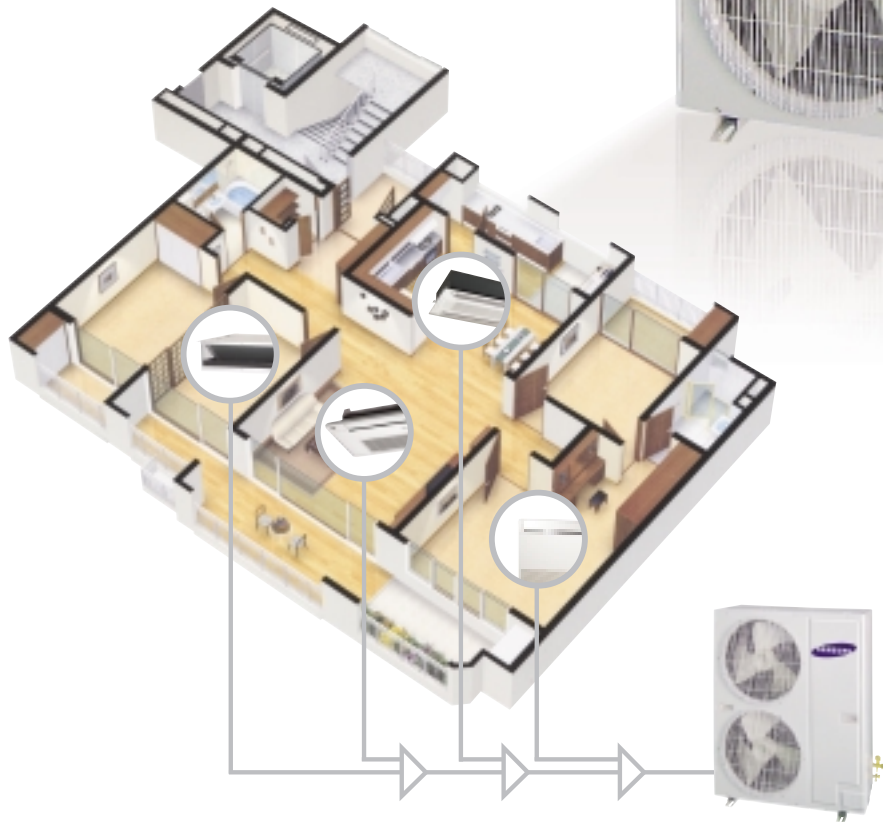
Mini DVM

Slim and Flexible

Mini DVM is a highly compact and reliable unit for luxurious residential buildings or light commercial applications with a Digital Scroll Compressor which ensures high energy efficiency.



Outdoor Units

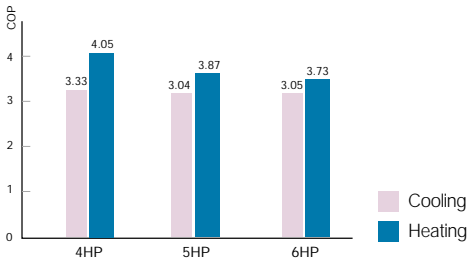


- High energy-efficient system
- Compact outdoor unit
- Wide Compatibility

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

High Energy Efficiency

Digital Scroll compressor offers very high cooling and heating COP.



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.

Various Indoor Units

Mini DVM can be combined up to 9 stylish indoor units blending with any interior design.

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

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.

Wide Compatibility

Mini DVM can be controlled by a control solution which is the same with that of DVM PLUS III and FJM

Specification | Mini DVM

Model				RVXMHF040EA	RVXMHF050EA	RVXMHF050GA	RVXMHF060GA
Power Supply			Ø/V/Hz	1/220~240/50	1/220~240/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP	HP	HP	HP
Performance	Horse Power		HP	4	5	5	6
	Capacity	Cooling ^{*2)}	kW	12.5	14.0	14.0	16.0
			Btu/h	42,600	47,700	47,700	54,500
		Heating ^{*3)}	kW	14.5	16.0	16.0	18.0
Btu/h	49,400		54,500	45,500	61,400		
Power	Nominal Running Current	Cooling	A	19.0	22.4	8.5	11.0
		Heating	A	18.0	20.1	7.8	9.9
	Nominal Input	Cooling	kW	3.75	4.60	4.61	5.24
		Heating	kW	3.58	4.13	4.13	4.82
	Circuit Breaker (MCCB/ELB)		A	30	30	20	20
COP	Cooling		-	3.33	3.04	3.04	3.05
	Heating		-	4.05	3.87	3.87	3.73
Compressor	Type		-	Digital Scroll	Digital Scroll	Digital Scroll	Digital Scroll
	Piston Displacement		cc/Rev	58.10	62.98	67.13	77.20
	Output		kW	-	-	-	-
	Lubricant	Type	-	3MAF POE	3MAF POE	3MAF POE	3MAF POE
		Charging	cc	1,893	1,893	1,893	1,774
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output		W	200x2	200x2	200x2	220x2
	Airflow Rate		m³/min	105	105	105	105
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
	Installation Limitation	Max. Length	m	100	100	100	100
		Max. Height	m	30	30	30	30
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	5.5	5.5	5.5	5.5
Sound	Sound Pressure(Cooling/Heating) ^{*4)}		dB(A)	55/56	55/57	55/57	57/60
Set Size	Net Weight		kg	124	125	125	125
	Shipping Weight		kg	132	133	133	133
	Net Dimensions (WxHxD)		mm	932x1,128x375	932x1,128x375	932x1,128x375	932x1,128x375
	Shipping Dimensions (WxHxD)		mm	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472
Operating Temp. Range	Cooling		°C	-5~43	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24	-15~24

Notes

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

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

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

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

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

Model				RVMMH120EZ	RVMMH120GZ	RVMMH140EZ	RVMMH140GZ	RVMMH160GZ
Power Supply			Ø/V/Hz	1/220~240/50	3/380~415/50	1/220~240/50	3/380~415/50	3/380~415/50
Mode ^{*1)}			-	HP	HP	HP	HP	HP
Performance	Horse Power		HP	4	4	5	5	6
	Capacity	Cooling ^{*2)}	kW	12.0	12.0	14.0	14.0	16.0
			Btu/h	40,900	40,900	47,700	47,700	54,500
		Heating ^{*3)}	kW	14.0	14.0	16.0	16.0	18.0
Btu/h			47,700	47,700	54,500	54,550	61,400	
Power	Nominal Running Current	Cooling	A	18.0	6.5	22.5	8.5	10.2
		Heating	A	18.0	6.4	21.5	8.0	9.9
	Nominal Input	Cooling	kW	3.56	3.80	4.65	4.90	5.55
		Heating	kW	3.58	3.58	4.50	4.30	5.20
	Circuit Breaker (MCCB/ELB)			A	-	-	-	-
COP	Cooling		-	3.37	3.16	3.01	2.86	2.89
	Heating		-	3.91	3.91	3.56	3.72	3.46
Compressor	Type		-	Digital Scroll	Digital Scroll	Digital Scroll	Digital Scroll	Digital Scroll
	Piston Displacement		cc/Rev	-	82.59	93.03	98.06	107.80
	Output		kW	-	-	-	4.2	-
	Lubricant	Type	-	SONTEX 200LT	SONTEX 200LT	SONTEX 200LT	SONTEX 200LT	SONTEX 200LT
Charging		cc	-	1,890	1,890	1,890	1,890	
Fan	Type		-	Propeller	Propeller	Propeller	Propeller	Propeller
	Output		W	-	-	-	-	-
	Airflow Rate		m³/min	95	95	95	95	95
Piping Connections	Liquid (Flare)		Ø,mm	9.52	9.52	9.52	9.52	9.52
	Gas (Flare)		Ø,mm	19.05	19.05	19.05	19.05	19.05
	Installation Limitation	Max. Length	m	70	70	70	70	70
		Max. Height	m	30	30	30	30	30
Refrigerant	Type		-	R22	R22	R22	R22	R22
	Factory Charging		kg	6.5	6.5	6.5	6.5	6.5
Sound	Sound Pressure(Cooling/Heating) ^{*4)}		dB(A)	55/56	55/59	55/57	55/57	57/60
Set Size	Net Weight		kg	124	124	125	125	125
	Shipping Weight		kg	132	132	133	133	133
	Net Dimensions (WxHxD)		mm	932x1,128x375	932x1,128x375	932x1,128x375	932x1,128x375	932x1,128x375
	Shipping Dimensions (WxHxD)		mm	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472
Operating Temp. Range	Cooling		°C	-5~43	-5~43	-5~43	-5~43	-5~43
	Heating		°C	-15~24	-15~24	-15~24	-15~24	-15~24

Notes

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

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

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

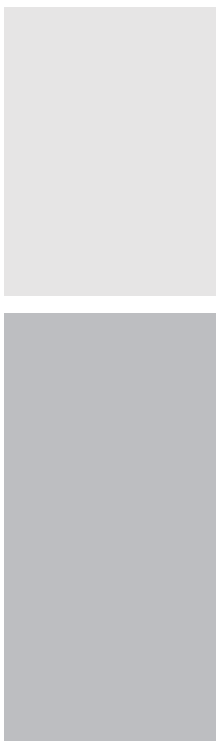
*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

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

Free Joint Multi

High Energy Efficiency

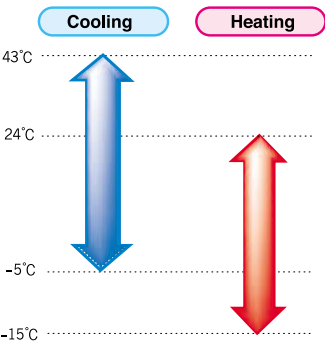
Free Joint Multi supports various combinations of indoor and outdoor units, providing variety of choices and flexible installation. Therefore, Free Joint Multi is the best solution for residential buildings seeking flexible, efficient and reliable air conditioning system.



Outdoor Units

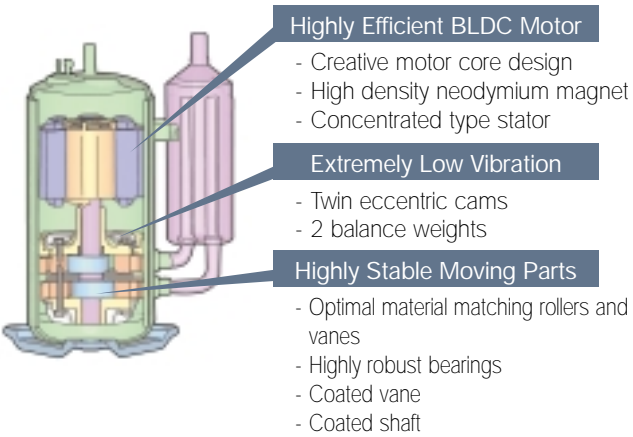
High Performance

Wide Operation Range of Outdoor Temperature



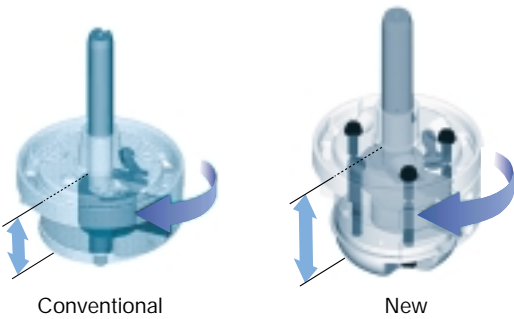
BLDC(Twin Rotary) Compressor

BLDC Compressor is applied on all FJM outdoor models.



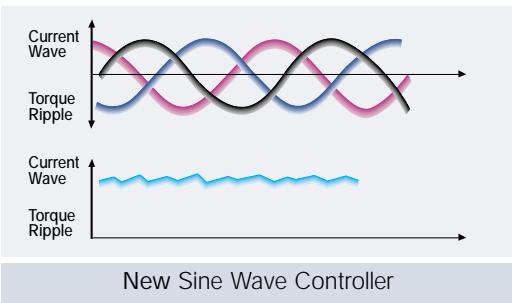
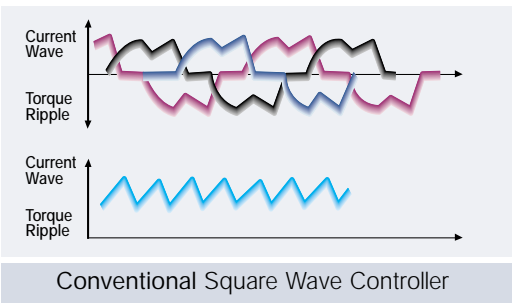
TBR Sine-Wave Compressor

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



Sine Wave Controller

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







Felt Structure

New felt has been selected to reduce the noise coming out of the compressor. Double layered felt structure absorbs noise by two times and felt is also covering top of the compressor to reduce the noise even more.











Line up

Available Outdoor Units

MH040FXEA2B	MH050FXEA2B	MH060FXEA3B	MH070FXEA4B	MH080FXE4B
4.0kW	5.0kW	6.0kW	7.0kW	8.0kW
2 Unit	2 Unit	3 Unit	4 Unit	4 Unit
				

Combination Table

Indoor Unit		Outdoor Unit				
	Model	MH040FXEA2B	MH050FXEA2B	MH060FXEA3B	MH070FXEA4B	MH080FXEA4B
	MH026FBEA	●	●	●	●	●
	MH035FBEA	●	●	●	●	●
	MH052FBEA			●		●
	MH020FVEA	●	●	●	●	●
	MH026FVEA	●	●	●	●	●
	MH035FVEA	●	●	●	●	●
	MH052FVEA		●	●	●	●
	MH020FNEA	●	●	●	●	●
	MH026FNEA	●	●	●	●	●
	MH035FNEA	●	●	●	●	●
	MH052FNEA		●	●	●	●
	MH026FJEA	●	●	●	●	●
	MH035FJEA	●	●	●	●	●
	MH026FKEA	●	●	●	●	●
	MH035FKEA	●	●	●	●	●
	MH030FMEA		●	●	●	●
	MH035FMEA		●	●	●	●
	MH052FMEA			●	●	●
	MH026FEEA		●	●	●	●
	MH035FEEA		●	●	●	●
	MH052FUEA			●	●	●

Specification | Outdoor Units

Model				MH040FXEA2B	MH050FXEA2B	MH060FXEA3B	MH070FXEA4B ^{*3)}	MH080FXEA4B ^{*3)}
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 ^{*1)}			-	HP	HP	HP	HP	HP
Max number of connectable indoor units			-	2	2	3	4	4
Performance	Horse Power		HP	1.5	1.8	2.0	2.5	3.0
	Capacity	Cooling ^{*2)}	kW	3.9	5.0	5.9	7.0	8.0
			Btu/h	13,307	17,060	20,131	23,884	27,296
		Heating ^{*3)}	kW	4.4	5.7	6.3	8.6	9.3
			Btu/h	15,013	19,448	21,496	29,343	31,732
Sound	Sound Pressure (Cooling/Heating) ^{*4)}		dB(A)	47/48	48/50	49/50	50/51	51/51
Power	Running	Cooling	A	5.2	6.1	7.3	8.7	10.5
	Current	Heating	A	5.1	6.4	6.4	9.2	10.1
	Nominal Input	Cooling	W	1,140	1,330	1,600	1,900	2,300
		Heating	W	1,120	1,400	1,400	2,000	2,200
	Circuit Breaker(MCCB/ELB)		A	9	13.5	14.5	16.6	16.6
Compressor	Type		-	TWIN BLDC INV.	TWIN BLDC INV.	TWIN BLDC INV.	TWIN BLDC INV.	TWIN BLDC INV.
	Piston Displacement		cc/Rev	19.52	19.52	19.52	25.18	25.18
	Output		kW	5.86	5.86	5.86	7.77	7.77
	Lubricant	Type	-	POE	POE	POE	POE	POE
		Charging	cc	700	700	700	700	700
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Factory Charging		kg	1.3	2	2.2	2.8	2.8
Fan	Type		-	Propeller	Propeller	Propeller	Propeller	Propeller
	Output		W	25	40	130	130	130
	Airflow Rate		m³/min	25.4	32.9	41	44.8	45.4
Set Size	Net Weight		kg	41	53	59	65	65
	Shipping Weight		kg	44	57	63	70	70
	Net Dimensions(WxHxD)		mm	790X548X285	880X638X310	880X798X310	880X798X310	880X798X310
	Shipping Dimensions(WxDxH)		mm	926X630X382	1,023X695X413	1,023X889X413	1,023X889X413	1,023X889X413
Piping Connections	Liquid(Flare)		Ø,mm	6.35X2	6.35X2	6.35X3	6.35X4	6.35X4
	Gas(Flare)		Ø,mm	9.52X2	9.52X1+12.70X1	9.52X2+12.70X1	9.52X2+12.70X2	9.52X2+12.70X2
	Installation Limitation	Max. Length	m	30	30	45	70	70
		Max. Height	m	15	15	15	15	15
Operating Temp. Range	Cooling		°C	-5-43	-5-43	-5-43	-5-43	-5-43
	Heating		°C	-15-24	-15-24	-15-24	-15-24	-15-24

Notes

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

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

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

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

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

Specification | Indoor Units

MB



Model				MH026FBEA	MH035FBEA	MH052FBEA
Power Supply		Ø/V/Hz		1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}		-		HP	HP	HP
Performance	Cooling ^{*2)}	kW		2.6	3.5	5.2
		Btu/h		8,871	11,942	17,742
	Heating ^{*3)}	kW		2.9	3.8	5.6
		Btu/h		9,895	12,966	19,107
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	31/20 ^{*5)}	35/21 ^{*5)}	40/30 ^{*5)}
Power	Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Airflow Rate(Cool/Heat)	m³/min	8.14/8.23	9.16/9.46	14.98/14.49
		External Static Pressure(Standard/High)	mmAq	-	-	-
	Running Current	Cooling/Heating	A	0.18/0.18	0.19/0.19	0.3/0.3
	Power Input	Cooling/Heating	W	30/30	35/35	50/50
Piping	Connecting Pipe	Liquid(Flare)	Ø,mm	6.35	6.35	6.35
		Gas(Flare)	Ø,mm	9.52	9.52	12.70
		Drain	Ø,mm	ID 18	ID 18	ID 18
Set Size	Net Weight		kg	10.2	10.2	13.0
	Shipping Weight		kg	11.5	11.5	16.0
	Net Dimensions (WxHxD)		mm	900X304X185	900X304X185	1,100X307X225
	Shipping Dimensions (WxHxD)		mm	963X349X247	963X349X247	1,157X381X292
Accessories	Panel		-	-	-	-
	Filter		-	-	-	-
	Drain Pump		-	-	-	-

Vivace



Model				MH020FVEA	MH026FVEA	MH035FVEA	MH052FVEA
Power Supply		Ø/V/Hz		1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}		-		HP	HP	HP	HP
Performance	Cooling ^{*2)}	kW		2	2.6	3.5	5.2
		Btu/h		6,824	8,871	11,942	17,742
	Heating ^{*3)}	kW		2.2	2.9	3.8	5.6
		Btu/h		7,506	9,895	12,966	19,107
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	31/21 ^{*5)}	31/21 ^{*5)}	35/21 ^{*5)}	40/30 ^{*5)}
Power	Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Airflow Rate(Cool/Heat)	m³/min	7.5/8.1	8.5/8.3	10/10.4	14.8/14.8
		External Static Pressure(Standard/High)	mmAq	-	-	-	-
	Running Current	Cooling/Heating	A	0.18/0.18	0.18/0.18	0.19/0.19	0.3/0.3
	Power Input	Cooling/Heating	W	30/30	30/30	35/35	50/50
Piping	Connecting Pipe	Liquid(Flare)	Ø,mm	6.35	6.35	6.35	6.35
		Gas(Flare)	Ø,mm	9.52	9.52	9.52	12.70
		Drain	Ø,mm	ID 18	ID 18	ID 18	ID 18
Set Size	Net Weight		kg	8.5	8.5	8.5	12.0
	Shipping Weight		kg	11.5	11.5	11.5	15.0
	Net Dimensions (WxHxD)		mm	825X285X189	825X285X189	825X285X189	1,065X298X214
	Shipping Dimensions (WxHxD)		mm	900X349X252	900X349X252	900X349X252	1,137X377X299
Accessories	Panel		-	-	-	-	-
	Filter		-	-	-	-	-
	Drain Pump		-	-	-	-	-

Notes
*1) Mode - HP: Heat Pump, HR: Heat Recovery
*2) Nominal cooling capacities are based on - Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
*3) Nominal heating capacities are based on - Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
*5) Specifications are subject to change without prior notice for product improvement.

Neo Forte



Model				MH020FNEA	MH026FNEA	MH035FNEA	MH052FNEA
Power Supply		Ø/V/Hz		1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP	HP	HP	HP
Performance	Cooling ^{*2)}	kW		2	2.6	3.5	5.2
		Btu/h		6,824	8,871	11,942	17,742
	Heating ^{*3)}	kW		2.2	2.9	3.8	5.6
		Btu/h		7,506	9,895	12,966	19,107
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	32/23 ^{*5)}	32/23 ^{*5)}	36/23 ^{*5)}	40/30 ^{*5)}
Power	Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Airflow Rate(Cool/Heat)	m³/min	7.73/8	8.31/8.56	9.54/9.93	13.21/14.22
		External Static Pressure(Standard/High)	mmAq	-	-	-	-
	Running Current	Cooling/Heating	A	0.18/0.18	0.18/0.18	0.19/0.19	0.3/0.3
	Power Input	Cooling/Heating	W	30/30	30/30	35/35	50/50
Piping	Connecting Pipe	Liquid(Flare)	Ø,mm	6.35	6.35	6.35	6.35
		Gas(Flare)	Ø,mm	9.52	9.52	9.52	12.70
		Drain	Ø,mm	ID 18	ID 18	ID 18	ID 18
Set Size	Net Weight		kg	7.8	7.8	7.8	13.0
	Shipping Weight		kg	9.4	9.4	9.4	16.0
	Net Dimensions (WxHxD)		mm	825X285X189	825X285X189	825X285X189	1,099X315X217
	Shipping Dimensions (WxHxD)		mm	900X349X252	900X349X252	900X349X252	1,137X377X299
Accessories	Panel		-	-	-	-	-
	Filter		-	-	-	-	-
	Drain Pump		-	-	-	-	-

Console



1Way Cassette



Model				MH026FJEA	MH035FJEA	MH026FKEA	MH035FKEA
Power Supply		Ø/V/Hz		1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP	HP	HP	HP
Performance	Cooling ^{*2)}	kW		2.6	3.5	2.6	3.5
		Btu/h		8,871	11,942	8,800	11,900
	Heating ^{*3)}	kW		2.9	3.8	2.9	3.8
		Btu/h		9,895	12,966	9,800	12,900
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	-	-	36/33	38/35
Power	Fan	Type	-	Turbo Fan	Turbo Fan	Cross Flow Fan	Cross Flow Fan
		Airflow Rate(Cool/Heat)	m³/min	-	-	7.0/7.5	7.5/8.0
		External Static Pressure(Standard/High)	mmAq	-	-	-	-
	Running Current	Cooling/Heating	A	-	-	0.20/0.20	0.23/0.23
	Power Input	Cooling/Heating	W	-	-	40/40	45/45
Piping	Connecting Pipe	Liquid(Flare)	Ø,mm	6.35	6.35	6.35	6.35
		Gas(Flare)	Ø,mm	9.52	9.52	9.52	9.52
		Drain	Ø,mm	-	-	VP:20 (OD:26, ID:20)	VP:20 (OD:26, ID:20)
Set Size	Net Weight		kg	14.5	14.5	15.0	15.0
	Shipping Weight		kg	18.5	18.5	18.0	18.0
	Net Dimensions (WxHxD)		mm	720x620x199	720x620x199	970x180x390	970x180x390
	Shipping Dimensions (WxHxD)		mm	810x710x295	810x710x295	1,168x302x467	1,168x302x467
Accessories	Panel		-	-	-	Option (P1SMA)	Option (P1SMA)
	Filter		-	-	-	Built-in	Built-in
	Drain Pump		-	-	-	Built-in	Built-in

Notes
*1) Mode - HP: Heat Pump, HR: Heat Recovery
*2) Nominal cooling capacities are based on - Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
*3) Nominal heating capacities are based on - Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
*5) Specifications are subject to change without prior notice for product improvement.

Specification | Indoor Units

Mini 4Way Cassette



Model				MH030FMEA	MH035FMEA	MH052FMEA
Power Supply		Ø/V/Hz		1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP	HP	HP
Performance	Cooling ^{*2)}		kW	3.0	3.5	5.2
			Btu/h	10,200	11,900	17,700
	Heating ^{*3)}		kW	3.4	3.8	5.6
			Btu/h	11,600	12,900	19,100
Sound power	Sound Pressure (High/Low) ^{*4)}		dB(A)	40/37	40/37	44/40
	Fan	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Airflow Rate(Cool/Heat)	m³/min	10.8/11.7	10.8/11.7	12.1/13.6
		External Static Pressure(Standard/High)	mmAq	-	-	-
	Running Current	Cooling/Heating	A	0.37/0.37	0.37/0.37	0.52/0.52
Piping	Connecting Pipe	Cooling/Heating	W	85/85	85/85	120/120
		Liquid(Flare)	Ø,mm	6.35	6.35	6.35
		Gas(Flare)	Ø,mm	9.52	9.52	12.70
	Drain	Ø,mm		VP:25 (OD:32, ID:25)	VP:25 (OD:32, ID:25)	VP:25 (OD:32, ID:25)
Set Size	Net Weight		kg	17.0	17.0	17.0
	Shipping Weight		kg	20.0	20.0	20.0
	Net Dimensions (WxHxD)		mm	575x242x575	575x242x575	575x242x575
	Shipping Dimensions (WxHxD)		mm	660x310x635	660x310x635	660x310x635
Accessories	Panel		-	PMSMA	PMSMA	PMSMA
	Filter		-	Built-in	Built-in	Built-in
	Drain Pump		-	Built-in	Built-in	Built-in

Slim Duct



MSP Duct



Model				MH026FEEA	MH035FEEA	MH052FUEA
Power Supply		Ø/V/Hz		1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP	HP	HP
Performance	Cooling ^{*2)}		kW	2.6	3.5	5.2
			Btu/h	8,800	11,900	17,742
	Heating ^{*3)}		kW	2.9	3.8	5.6
			Btu/h	9,800	12,900	19,107
Sound power	Sound Pressure (High/Low) ^{*4)}		dB(A)	31/26	32/27	-
	Fan	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Airflow Rate(Cool/Heat)	m³/min	8.6/9.0	9.8/10.3	-
		External Static Pressure(Standard/High)	mmAq	2/4	2/4	6/10
	Running Current	Cooling/Heating	A	0.4/0.4	0.4/0.4	-
Piping	Connecting Pipe	Cooling/Heating	W	80/80	80/80	-
		Liquid(Flare)	Ø,mm	6.35	6.35	6.35
		Gas(Flare)	Ø,mm	9.52	0.92	12.70
	Drain	Ø,mm		VP:25 (OD:32, ID:25)	VP:25 (OD:32, ID:25)	-
Set Size	Net Weight		kg	26.0	26.0	29.5
	Shipping Weight		kg	31.0	31.0	34.5
	Net Dimensions (WxHxD)		mm	900x199x600	900x199x600	900x242x480
	Shipping Dimensions (WxHxD)		mm	1,133x333x722	1,133x333x722	1,146x363x584
Accessories	Panel		-	-	-	-
	Filter		-	Built-in	Built-in	-
	Drain Pump		-	MDP-E075SEE	MDP-E075SEE	MSP-M075SGU3

Notes

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

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

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

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

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

Specification | Pack Multi Split (Forte Type)

Model			Outdoor unit	MH18VF1X	MH19VF1X
			Indoor unit	MH18VF1-09	MH19VF1-07
				MH18VF1-09	MH19VF1-12
Capacity(Cooling/Heating)	1Unit(A)	kW		2.6/2.9	2.1/2.4
	1Unit(B or C)	kW		2.6/2.9	3.5/3.8
	2Unit[A+(B or C)]	kW		3.9/4.4	3.9/4.4
Energy Efficiency	1Unit(A)	EER		3.47	3.89
		COP		3.44	3.00
	1Unit(B or C)	EER		3.47	3.02
		COP		3.44	3.28
	2Unit[A+(B or C)]	EER		3.36	3.36
		COP		3.79	3.79
Moisture removal		l/h		1.6	1.6
Airflow Rate(Max.)	1Unit(A)	m³/min		8.3	7.73
	1Unit(B or C)	m³/min		8.3	9.5
Sound Pressure(Max.)	Indoor (A-Unit)	dB(A)		43	43
	Indoor (B-Unit or C-Unit)	dB(A)		43	43
	Outdoor Unit	dB(A)		51/52	51/52
Electrical Data					
Power Supply		Ø/V/Hz		1/220-240/50	1/220-240/50
Power Input (Cooling/Heating)	1Unit(A)	W		750/900	540/800
	1Unit(B or C)	W		750/900	1,160/1,160
	2Unit[A+(B or C)]	W		1,160/1,160	1,160/1,160
Running Current (Cooling/Heating)	1Unit(A)	A		3.4/4.1	2.5/3.7
	1Unit(B or C)	A		3.4/4.1	5.3/5.3
	2Unit[A+(B or C)]	A		5.3/5.3	5.3/5.3
Dimensions and Loading Q'ty					
Net Dimensions (WxHxD)	Indoor (A-Unit)	mm		825x285x189	825x285x189
	Indoor (B-Unit or C-Unit)	mm		825x285x189	825x285x189
	Outdoor Unit	mm		548x790x285	548x790x285
Net Weight	Indoor (A-Unit)	kg		8.4	8.4
	Indoor (B-Unit or C-Unit)	kg		8.4	8.4
	Outdoor Unit	kg		41	41
Shipping Weight	Indoor (A-Unit)	kg		10.6	10.6
	Indoor (B-Unit or C-Unit)	kg		10.6	10.6
	Outdoor Unit	kg		44	44
Loading Q'ty(40ft)		W/O Pipe		153	153
		W/Pipe		-	-
Technical Information					
SVC Valve	Liquid(A)	Ø,mm		6.35	6.35
	Gas(A)	Ø,mm		9.52	9.52
	Liquid(B or C)	Ø,mm		6.35	6.35
	Gas(B or C)	Ø,mm		9.52	9.52
Piping Length	Standard	m		7.5	7.5
	Max	m		30	30
Piping Height	Max	m		7.5	7.5
Quantity of Refrigerant		kg		1.3	1.3
Additional Refrigerant		g/m		10	10
Features					
Good Sleep II				●	●
Silver Coated Health System	Silver Coated Filter			●	●
	Silver Coated Evaporator			●	●
Pure and Clean Air	DNA Filter				
	Pure Filter(HAF Filter)				
	Catechin Filter			●	●
	Deodorizing Filter			●	●
Operating Mode	Digital i Plus				
	Dehumidification			●	●
	Turbo Mode			●	●
	Timer			●	●
	Energy Saving Mode				
	Auto Restart			●	●
	Auto Changeover				
Convenience	Auto Wind			●	●
	Airflow Control Steps(Cool/Fan)			4/3	4/3
	Air Direction Control(Up/Down)			AUTO	AUTO
	Air Direction Control(Left/Right)			MANUAL	MANUAL
	Auto Grille				
	Remote Controller			●	●
	Auto Clean(Self cleaning)				
Etc.	Compressor Type			Rotary(BLDC)	Rotary(BLDC)
Operating Temp. Range	Cooling	°C		-5~43	-5~43
	Heating	°C		-15~24	-15~24

Capacity Combination

MH040FXEA2B Cooling

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2000	-	-	-	51%	2000	2100	-	-	-	2100	1280	2100	2520	400	540	630	2.2	2.5	2.9	3.89	A
	2600	-	-	-	67%	2600	2600	-	-	-	2600	1280	2600	3120	400	750	880	2.2	3.4	4	3.47	A
	3500	-	-	-	90%	3500	3500	-	-	-	3500	1300	3500	4200	400	1160	1240	2.2	5.3	5.7	3.02	B
2 Unit	2000	2000	-	-	103%	4000	1950	1950	-	-	3900	1350	3900	4200	420	1160	1250	2.3	5.3	5.7	3.36	A
	2000	2600	-	-	118%	4600	1696	2204	-	-	3900	1500	3900	4200	420	1140	1250	2.3	5.2	5.7	3.42	A
	2000	3500	-	-	141%	5500	1418	2482	-	-	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	A
	2600	2600	-	-	133%	5200	1950	1950	-	-	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	A
	2600	3500	-	-	156%	6100	1662	2238	-	-	3900	1500	3900	4200	440	1140	1250	2.4	5.2	5.7	3.42	A

Multi Split (Wall Mounted Type)																						
2 Unit	2000	3500	-	-	141%	5500	1418	2482	-	-	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	A
	2600	2600	-	-	133%	5200	1950	1950	-	-	3900	1500	3900	4200	440	1160	1250	2.4	5.3	5.7	3.36	A

Heating

Number of Unit	Indoor Unit Combination						Heating Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2200	-	-	-	50%	2200	2400	-	-	-	2400	1300	2400	2990	280	800	910	1.5	3.7	4.2	3.00	D
	2900	-	-	-	66%	2900	3100	-	-	-	3100	1300	3100	3450	280	900	1080	1.5	4.1	4.9	3.44	B
	3800	-	-	-	86%	3800	3800	-	-	-	3800	1300	3800	4370	280	1160	1420	1.5	5.3	6.5	3.28	C
2 Unit	2200	2200	-	-	100%	4400	2200	2200	-	-	4400	1500	4400	4700	300	1160	1390	1.6	5.3	6.4	3.79	A
	2200	2900	-	-	116%	5100	1898	2502	-	-	4400	1500	4400	4700	300	1160	1420	1.6	5.3	6.5	3.79	A
	2200	3800	-	-	136%	6000	1613	2787	-	-	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	A
	2900	2900	-	-	132%	5800	2200	2200	-	-	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	A
	2900	3800	-	-	152%	6700	1904	2496	-	-	4400	1500	4400	4700	300	1120	1490	1.6	5.1	6.8	3.93	A

Multi Split (Wall Mounted Type)																						
2 Unit	2200	3800	-	-	136%	6000	1613	2787	-	-	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	A
	2900	2900	-	-	132%	5800	2200	2200	-	-	4400	1500	4400	4700	300	1160	1490	1.6	5.3	6.8	3.79	A

MH050FXEA2B Cooling

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2000	-	-	-	40%	2000	2400	-	-	-	2400	1280	2400	2880	400	730	880	1.9	3.3	4	3.29	A
	2600	-	-	-	52%	2600	2600	-	-	-	2600	1280	2600	3120	400	800	960	1.9	3.7	4.4	3.25	A
	3500	-	-	-	70%	3500	3500	-	-	-	3500	1280	3500	4200	400	1090	1310	1.9	5	6	3.21	A
	5200	-	-	-	104%	5200	5000	-	-	-	5000	1300	5000	5200	400	1660	1740	1.9	7.6	8	3.01	B
2 Unit	2000	2000	-	-	80%	4000	2000	2000	-	-	4000	1350	4000	4800	420	1245	1490	2	5.7	6.8	3.21	A
	2000	2600	-	-	92%	4600	2000	2600	-	-	4600	1350	4600	5200	420	1430	1720	2	6.5	7.9	3.22	A
	2000	3500	-	-	110%	5500	1818	3182	-	-	5000	1350	5000	5400	420	1490	1780	2	6.8	8.1	3.36	A
	2000	5200	-	-	144%	7200	1389	3611	-	-	5000	1500	5000	5400	440	1380	1800	2.1	6.3	8.2	3.62	A
	2600	2600	-	-	104%	5200	2500	2500	-	-	5000	1500	5000	5400	440	1500	1780	2.1	6.9	8.1	3.33	A
	2600	3500	-	-	122%	6100	2131	2869	-	-	5000	1500	5000	5400	440	1500	1780	2.1	6.9	8.1	3.33	A
	2600	5200	-	-	156%	7800	1667	3333	-	-	5000	1500	5000	5400	440	1330	1800	2.1	6.1	8.2	3.76	A
	3500	3500	-	-	140%	7000	2500	2500	-	-	5000	1500	5000	5400	440	1500	1780	2.1	6.9	8.1	3.33	A

Heating

Number of Unit	Indoor Unit Combination						Heating Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2200	-	-	-	39%	2200	2500	-	-	-	2500	1300	2500	2990	320	880	1010	1.7	4	4.6	2.84	D
	2900	-	-	-	51%	2900	2900	-	-	-	2900	1300	2900	3340	320	1030	1290	1.7	4.7	5.9	2.82	D
	3800	-	-	-	67%	3800	3800	-	-	-	3800	1300	3800	4370	320	1300	1620	1.7	5.9	7.4	2.92	D
	5600	-	-	-	98%	5600	5400	-	-	-	5400	1450	5400	5600	340	1810	2060	1.8	8.3	9.4	2.98	D
2 Unit	2200	2200	-	-	77%	4400	2200	2200	-	-	4400	1450	4400	4750	350	1220	1390	1.9	5.6	6.4	3.61	A
	2200	2900	-	-	89%	5100	2200	2900	-	-	5100	1450	5100	5460	350	1410	1610	1.9	6.5	7.4	3.62	A
	2200	3800	-	-	105%	6000	2090	3610	-	-	5700	1500	5700	6300	350	1520	1950	1.9	7	8.9	3.75	A
	2200	5600	-	-	137%	7800	1608	4092	-	-	5700	1500	5700	6400	350	1440	1830	1.9	6.6	8.4	3.96	A
	2900	2900	-	-	102%	5800	2850	2850	-	-	5700	1500	5700	6300	350	1550	2060	1.9	7.1	9.4	3.68	A
	2900	3800	-	-	118%	6700	2467	3233	-	-	5700	1500	5700	6300	350	1480	1940	1.9	6.8	8.9	3.85	A
	2900	5600	-	-	149%	8500	1945	3755	-	-	5700	1500	5700	6400	350	1400	1830	1.9	6.4	8.4	4.07	A
	3800	3800	-	-	133%	7600	2850	2850	-	-	5700	1500	5700	6300	350	1470	1890	1.9	6.7	8.6	3.88	A

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

MH060FXEA3B Cooling

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2000	-	-	-	34%	2000	2400	-	-	-	2400	1280	2400	2880	400	730	930	2.2	3.3	4.3	3.29	A
	2600	-	-	-	44%	2600	2600	-	-	-	2600	1280	2600	3120	400	790	1010	2.2	3.6	4.6	3.29	A
	3500	-	-	-	59%	3500	3500	-	-	-	3500	1280	3500	4200	400	1070	1370	2.2	4.9	6.3	3.27	A
	5200	-	-	-	88%	5200	5200	-	-	-	5200	1300	5200	5800	400	1620	1900	2.2	7.4	8.7	3.21	A
2 Unit	2000	2000	-	-	68%	4000	2000	2000	-	-	4000	1300	4000	4800	420	1240	1480	2.3	5.7	6.8	3.23	A
	2000	2600	-	-	78%	4600	2000	2600	-	-	4600	1300	4600	5520	420	1410	1680	2.3	6.5	7.7	3.26	A
	2000	3500	-	-	93%	5500	1909	3341	-	-	5250	1300	5250	6290	430	1550	1820	2.3	7.1	8.3	3.39	A
	2000	5200	-	-	122%	7200	1528	3972	-	-	5500	1380	5500	6600	430	1580	1850	2.3	7.2	8.5	3.48	A
	2600	2600	-	-	88%	5200	2600	2600	-	-	5200	1300	5200	5800	420	1620	1800	2.3	7.4	8.2	3.21	A
	2600	3500	-	-	103%	6100	2259	3041	-	-	5300	1300	5300	6400	430	1550	1840	2.3	7.1	8.4	3.42	A
	2600	5200	-	-	132%	7800	1967	3933	-	-	5900	1380	5900	6800	430	1610	1880	2.3	7.4	8.6	3.66	A
	3500	3500	-	-	119%	7000	2725	2725	-	-	5450	1300	5450	6560	430	1570	1850	2.3	7.2	8.5	3.47	A
	3500	5200	-	-	147%	8700	2374	3526	-	-	5900	1380	5900	6800	440	1620	1880	2.4	7.4	8.6	3.64	A
3 Unit	2000	2000	2000	-	102%	6000	1760	1760	1760	-	5280	1500	5280	6380	430	1550	1840	2.3	7.1	8.4	3.41	A
	2000	2000	2600	-	112%	6600	1636	1636	2127	-	5400	1500	5400	6490	430	1560	1850	2.3	7.1	8.5	3.46	A
	2000	2000	3500	-	127%	7500	1573	1573	2753	-	5900	1500	5900	6800	440	1610	1880	2.4	7.4	8.6	3.66	A
	2000	2600	2600	-	122%	7200	1528	1986	1986	-	5500	1500	5500	6600	430	1580	1850	2.3	7.2	8.5	3.48	A
	2000	2600	3500	-	137%	8100	1457	1894	2549	-	5900	1500	5900	6800	440	1610	1880	2.4	7.4	8.6	3.66	A
	2000	3500	3500	-	153%	9000	1311	2294	2294	-	5900	1500	5900	6800	440	1610	1880	2.4	7.4	8.6	3.66	A
	2600	2600	2600	-	132%	7800	1967	1967	1967	-	5900	1500	5900	6800	440	1600	1880	2.4	7.3	8.6	3.69	A
	2600	2600	3500	-	147%	8700	1763	1763	2374	-	5900	1500	5900	6800	440	1600	1880	2.4	7.3	8.6	3.69	A

Capacity Combination

MH070FXEA4B ■ Cooling

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2000	-	-	-	29%	2000	2400	-	-	-	2400	1350	2400	3000	380	780	950	1.7	3.6	4.3	3.08	B
	2600	-	-	-	37%	2600	2600	-	-	-	2600	1350	2600	3480	390	840	1100	1.8	3.8	5	3.10	B
	3500	-	-	-	50%	3500	3500	-	-	-	3500	1350	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10	B
	5200	-	-	-	74%	5200	5200	-	-	-	5200	1400	5200	6240	420	1520	2160	1.9	7	9.9	3.42	A
2 Unit	2000	2000	-	-	57%	4000	2000	2000	-	-	4000	1500	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23	A
	2000	2600	-	-	66%	4600	2000	2600	-	-	4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22	A
	2000	3500	-	-	79%	5500	2000	3500	-	-	5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22	A
	2000	5200	-	-	103%	7200	1944	5056	-	-	7000	1900	7000	8400	580	2180	2520	2.7	10	11.5	3.21	A
	2600	2600	-	-	74%	5200	2600	2600	-	-	5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13	B
	2600	3500	-	-	87%	6100	2600	3500	-	-	6100	1820	6100	7320	440	1880	2260	2	8.6	10.3	3.24	A
	2600	5200	-	-	111%	7800	2333	4667	-	-	7000	1900	7000	8400	580	2130	2540	2.7	9.7	11.6	3.29	A
	3500	3500	-	-	100%	7000	3500	3500	-	-	7000	1900	7000	8400	580	2120	2530	2.7	9.7	11.6	3.30	A
	3500	5200	-	-	124%	8700	2816	4184	-	-	7000	1900	7000	8900	580	2110	2540	2.7	9.7	11.6	3.32	A
	5200	5200	-	-	149%	10400	3500	3500	-	-	7000	1900	7000	8900	580	2000	2540	2.7	9.2	11.6	3.50	A
3 Unit	2000	2000	2000	-	86%	6000	2000	2000	2000	-	6000	1810	6000	7200	440	1800	2280	2	8.2	10.4	3.33	A
	2000	2000	2600	-	94%	6600	2000	2000	2600	-	6600	1870	6600	7920	440	1830	2460	2	8.4	11.3	3.61	A
	2000	2000	3500	-	107%	7500	1781	1781	3118	-	6680	1900	6680	8020	580	1835	2410	2.7	8.4	11	3.64	A
	2000	2000	5200	-	131%	9200	1522	1522	3957	-	7000	1900	7000	8900	580	1850	2460	2.7	8.5	11.3	3.78	A
	2000	2600	2600	-	103%	7200	1847	2401	2401	-	6650	1900	6650	7980	580	1830	2410	2.7	8.4	11	3.63	A
	2000	2600	3500	-	116%	8100	1664	2163	3119	-	6740	1900	6740	8080	580	1840	2460	2.7	8.4	11.3	3.66	A
	2000	2600	5200	-	140%	9800	1429	1857	3714	-	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A
	2000	3500	3500	-	129%	9000	1516	2652	2652	-	6820	1900	6820	8180	580	1850	2510	2.7	8.5	11.5	3.69	A
	2000	3500	5200	-	153%	10700	1308	2290	3120	-	7000	1900	7000	8900	580	1930	2510	2.7	8.8	11.5	3.63	A
	2600	2600	2600	-	111%	7800	2240	2240	2240	-	6720	1900	6720	8050	580	1840	2420	2.7	8.4	11.1	3.65	A
	2600	2600	3500	-	124%	8700	2029	2029	2732	-	6790	1900	6790	8150	580	1850	2460	2.7	8.5	11.3	3.67	A
	2600	2600	5200	-	149%	10400	1750	1750	3121	-	7000	1900	7000	8900	580	1880	2510	2.7	8.6	11.5	3.72	A
	2600	3500	3500	-	137%	9600	1896	2552	2552	-	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A
	3500	3500	3500	-	150%	10500	2330	2330	2330	-	6990	1900	6990	8900	580	1900	2510	2.7	8.7	11.5	3.68	A
4 Unit	2000	2000	2000	2000	114%	8000	1680	1680	1680	1680	6720	1900	6720	8070	580	1850	2460	2.7	8.5	11.3	3.63	A
	2000	2000	2000	2600	123%	8600	1577	1577	1577	2050	6780	1900	6780	8140	580	1880	2460	2.7	8.6	11.3	3.61	A
	2000	2000	2000	3500	136%	9500	1474	1474	1474	2579	7000	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68	A
	2000	2000	2600	2600	131%	9200	1522	1522	1978	1978	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A
	2000	2000	2600	3500	144%	10100	1386	1386	1802	2426	7000	1900	7000	8900	580	1900	2510	2.7	8.7	11.5	3.68	A
	2000	2600	2600	2600	140%	9800	1429	1857	1857	1857	7000	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68	A
	2000	2600	2600	3500	153%	10700	1308	1701	1701	2290	7000	1900	7000	8900	580	1930	2550	2.7	8.8	11.7	3.63	A
	2600	2600	2600	2600	149%	10400	1750	1750	1750	1750	7000	1900	7000	8900	580	1900	2550	2.7	8.7	11.7	3.68	A

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

MH070FXEA4B ■ Heating

Number of Unit	Indoor Unit Combination						Heating Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2200	-	-	-	26%	2200	2500	-	-	-	2500	1790	2500	3220	580	950	1330	2.7	4.3	6.1	2.63	E
	2600	-	-	-	30%	2600	2900	-	-	-	2900	1820	2900	3680	590	1100	1500	2.7	5	6.9	2.64	E
	3800	-	-	-	44%	3800	3800	-	-	-	3800	1930	3800	4600	600	1250	1810	2.7	5.7	8.3	3.04	D
	5600	-	-	-	65%	5600	5600	-	-	-	5600	2080	5600	6440	610	1670	2370	2.8	7.6	10.8	3.35	C
2 Unit	2200	2200	-	-	51%	4400	2200	2200	-	-	4400	1980	4400	5060	600	1220	1530	2.7	5.6	7	3.61	A
	2200	2900	-	-	59%	5100	2200	2900	-	-	5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62	A
	2200	3800	-	-	70%	6000	2200	3800	-	-	6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41	B
	2200	5600	-	-	91%	7800	2200	5600	-	-	7800	2200	7800	9130	620	2150	2700	2.8	9.8	12.4	3.63	A
	2900	2900	-	-	67%	5800	2900	2900	-	-	5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63	A
	2900	3800	-	-	78%	6700	2900	3800	-	-	6700	2170	6700	8040	610	1940	2330	2.8	8.9	10.7	3.45	B
	2900	5600	-	-	99%	8500	2729	5271	-	-	8000	2200	8000	9600	620	2210	2650	2.8	10.1	12.1	3.62	A
	3800	3800	-	-	88%	7600	3800	3800	-	-	7600	2200	7600	9120	620	2100	2510	2.8	9.6	11.5	3.62	A
	3800	5600	-	-	109%	9400	3283	4837	-	-	8120	2200	8120	9740	620	2250	2700	2.8	10.3	12.4	3.61	A
	5600	5600	-	-	130%	11200	4250	4250	-	-	8500	2200	8500	10200	620	2250	2740	2.8	10.3	12.5	3.78	A
3 Unit	2200	2200	2200	-	77%	6600	2200	2200	2200	-	6600	2170	6600	7590	610	1830	2530	2.8	8.4	11.6	3.61	A
	2200	2200	2900	-	85%	7300	2200	2200	2900	-	7300	2200	7300	8400	620	1880	2590	2.8	8.6	11.9	3.88	A
	2200	2200	3800	-	95%	8200	2200	2200	3800	-	8200	2200	8200	9590	620	1930	2660	2.8	8.8	12.2	4.25	A
	2200	2200	5600	-	116%	10000	1892	1892	4816	-	8600	2200	8600	10300	620	1960	2700	2.8	9	12.4	4.39	A
	2200	2900	2900	-	93%	8000	2200	2900	2900	-	8000	2200	8000	9360	620	1900	2620	2.8	8.7	12	4.21	A
	2200	2900	3800	-	103%	8900	2042	2691	3119	-	8260	2200	8260	9670	620	1930	2660	2.8	8.8	12.2	4.28	A
	2200	2900	5600	-	124%	10700	1768	2331	4501	-	8600	2200	8600	10300	620	1970	2720	2.8	9	12.4	4.37	A
	2200	3800	3800	-	114%	9800	1872	3234	3234	-	8340	2200	8340	9760	620	1950	2690	2.8	8.9	12.3	4.28	A
	2200	3800	5600	-	135%	11600	1631	2817	3120	-	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	A

Capacity Combination

MH080FXEA4B ■ Cooling

Number of Unit	Indoor Unit Combination						Cooling Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2000	-	-	-	25%	2000	2400	-	-	-	2400	1470	2400	3000	380	780	950	1.7	3.6	4.3	3.08	B
	2600	-	-	-	33%	2600	2600	-	-	-	2600	1520	2600	3480	390	840	1100	1.8	3.8	5	3.10	B
	3500	-	-	-	44%	3500	3500	-	-	-	3500	1600	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10	B
	5200	-	-	-	65%	5200	5200	-	-	-	5200	1750	5200	6240	420	1520	2160	1.9	7	9.9	3.42	A
2 Unit	2000	2000	-	-	50%	4000	2000	2000	-	-	4000	1640	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23	A
	2000	2600	-	-	58%	4600	2000	2600	-	-	4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22	A
	2000	3500	-	-	69%	5500	2000	3500	-	-	5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22	A
	2000	5200	-	-	90%	7200	2000	5200	-	-	7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21	A
	2600	2600	-	-	65%	5200	2600	2600	-	-	5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13	B
	2600	3500	-	-	76%	6100	2600	3500	-	-	6100	1820	6100	7320	440	1900	2260	2	8.7	10.3	3.21	A
	2600	5200	-	-	98%	7800	2400	4800	-	-	7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21	A
	3500	3500	-	-	88%	7000	3500	3500	-	-	7000	1900	7000	8400	580	2180	2620	2.7	10	12	3.21	A
	3500	5200	-	-	109%	8700	2957	4393	-	-	7350	1900	7350	8820	580	2290	2750	2.7	10.5	12.6	3.21	A
	5200	5200	-	-	130%	10400	3825	3825	-	-	7650	1900	7650	9180	580	2380	2860	2.7	10.9	13.1	3.21	A
3 Unit	2000	2000	2000	-	75%	6000	2000	2000	2000	-	6000	1810	6000	7200	440	1850	2310	2	8.5	10.6	3.24	A
	2000	2000	2600	-	83%	6600	2000	2000	2600	-	6600	1870	6600	7920	440	2000	2500	2	9.2	11.4	3.30	A
	2000	2000	3500	-	94%	7500	2000	2000	3500	-	7500	1900	7500	9000	580	2220	2780	2.7	10.2	12.7	3.38	A
	2000	2000	5200	-	115%	9200	1663	1663	4324	-	7650	1900	7650	9180	580	2190	2730	2.7	10	12.5	3.49	A
	2000	2600	2600	-	90%	7200	2000	2600	2600	-	7200	1900	7200	8640	580	2150	2680	2.7	9.8	12.3	3.35	A
	2000	2600	3500	-	101%	8100	1864	2423	3262	-	7550	1900	7550	9060	580	2150	2690	2.7	9.8	12.3	3.51	A
	2000	2600	5200	-	123%	9800	1573	2046	4091	-	7710	1900	7710	9250	580	2190	2730	2.7	10	12.5	3.52	A
	2000	3500	3500	-	113%	9000	1698	2971	2971	-	7640	1900	7640	9160	580	2190	2730	2.7	10	12.5	3.49	A
	2000	3500	5200	-	134%	10700	1495	2617	3888	-	8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54	A
	2600	2600	2600	-	98%	7800	2510	2510	2510	-	7530	1900	7530	9030	580	2110	2640	2.7	9.7	12.1	3.57	A
	2600	2600	3500	-	109%	8700	2274	2274	3061	-	7610	1900	7610	9130	580	2140	2690	2.7	9.8	12.3	3.56	A
	2600	2600	5200	-	130%	10400	1940	1940	3880	-	7760	1900	7760	9300	580	2210	2780	2.7	10.1	12.7	3.51	A
	2600	3500	3500	-	120%	9600	2083	2804	2804	-	7690	1900	7690	9230	580	2180	2730	2.7	10	12.5	3.53	A
	2600	3500	5200	-	141%	11300	1841	2478	3681	-	8000	1900	8000	9300	580	2260	2870	2.7	10.3	13.1	3.54	A
	3500	3500	3500	-	131%	10500	2667	2667	2667	-	8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54	A
	3500	3500	5200	-	153%	12200	2295	2295	3410	-	8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48	A
4 Unit	2000	2000	2000	2000	100%	8000	1888	1888	1888	1888	7550	1900	7550	9050	580	2140	2690	2.7	9.8	12.3	3.53	A
	2000	2000	2000	2600	108%	8600	1767	1767	1767	2298	7600	1900	7600	9120	580	2140	2690	2.7	9.8	12.3	3.55	A
	2000	2000	2000	3500	119%	9500	1617	1617	1617	2829	7680	1900	7680	9220	580	2180	2730	2.7	10	12.5	3.52	A
	2000	2000	2000	5200	140%	11200	1429	1429	1429	3714	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A
	2000	2000	2600	2600	115%	9200	1663	1663	2162	2162	7650	1900	7650	9180	580	2190	2730	2.7	10	12.5	3.49	A
	2000	2000	2600	3500	126%	10100	1531	1531	1990	2679	7730	1900	7730	9280	580	2200	2780	2.7	10.1	12.7	3.51	A
	2000	2000	2600	5200	148%	11800	1356	1356	1763	3525	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A
	2000	2000	3500	3500	138%	11000	1455	1455	2545	2545	8000	1900	8000	9300	580	2280	2870	2.7	10.4	13.1	3.51	A
	2000	2600	2600	2600	123%	9800	1573	2046	2046	2046	7710	1900	7710	9250	580	2190	2730	2.7	10	12.5	3.52	A
	2000	2600	2600	3500	134%	10700	1495	1944	1944	2617	8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54	A
	2000	2600	3500	3500	145%	11600	1379	1793	2414	2414	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A
	2600	2600	2600	2600	130%	10400	1940	1940	1940	1940	7760	1900	7760	9300	580	2220	2780	2.7	10.2	12.7	3.50	A
	2600	2600	2600	3500	141%	11300	1841	1841	1841	2478	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A
	2600	2600	3500	3500	153%	12200	1705	1705	2295	2295	8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48	A

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

MH080FXEA4B ■ Heating

Number of Unit	Indoor Unit Combination						Heating Capacity(W)					Capacity			Power Consumption			Current			COP	EG
	A	B	C	D	%	Total	A	B	C	D	Total	Min. W	Nom. W	Max. MI	Min. W	Nom. W	Max. W	Min. A	Nom. A	Max. A		
1 Unit	2200	-	-	-	24%	2200	2500	-	-	-	2500	1790	2500	3220	580	950	1330	2.7	4.3	6.1	2.63	E
	2900	-	-	-	31%	2900	2900	-	-	-	2900	1820	2900	3680	590	1110	1500	2.7	5.1	6.9	2.61	E
	3800	-	-	-	41%	3800	3800	-	-	-	3800	1930	3800	4600	600	1250	1810	2.7	5.7	8.3	3.04	D
	5600	-	-	-	60%	5600	5600	-	-	-	5600	2080	5600	6440	610	1670	2370	2.8	7.6	10.8	3.35	C
2 Unit	2200	2200	-	-	47%	4400	2200	2200	-	-	4400	1980	4400	5060	600	1220	1530	2.7	5.6	7	3.61	A
	2200	2900	-	-	55%	5100	2200	2900	-	-	5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62	A
	2200	3800	-	-	65%	6000	2200	3800	-	-	6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41	B
	2200	5600	-	-	84%	7800	2200	5600	-	-	7800	2200	7800	9130	620	2150	2580	2.8	9.8	11.8	3.63	A
	2900	2900	-	-	62%	5800	2900	2900	-	-	5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63	A
	2900	3800	-	-	72%	6700	2900	3800	-	-	6700	2170	6700	7710	610	1940	2330	2.8	8.9	10.7	3.45	B
	2900	5600	-	-	91%	8500	2729	5271	-	-	8000	2200	8000	9360	620	2210	2600	2.8	10.1	11.9	3.62	A
	3800	3800	-	-	82%	7600	3800	3800	-	-	7600	2200	7600	8740	620	2090	2510	2.8	9.6	11.5	3.64	A
	3800	5600	-	-	101%	9400	3283	4837	-	-	8120	2200	8120	9500	620	2250	2650	2.8	10.3	12.1	3.61	A
	5600	5600	-	-	120%	11200	4250	4250	-	-	8500	2200	8500	9950	620	2340	2750	2.8	10.7	12.6	3.63	A
3 Unit	2200	2200	2200	-	71%	6600	2200	2200	2200	-	6600	2170	6600	7590	610	1830	2220	2.8	8.4	10.2	3.61	A
	2200	2200	2900	-	78%	7300	2200	2200	2900	-	7300	2200	7300	8400	620	1950	2340	2.8	8.9	10.7	3.74	A
	2200	2200	3800	-	88%	8200	2200	2200	3800	-	8200	2200	8200	9590	620	2150	2570	2.8	9.8	11.8	3.81	A
	2200	2200	5600	-	108%	10000	1896	1896	4827	-	8620	2200	8620	10090	620	2140	2610	2.8	9.8	11.9	4.03	A
	2200	2900	2900	-	86%	8000	2200	2900	2900	-	8000	2200	8000	9360	620	2080	2500	2.8	9.5	11.4	3.85	A
	2200	2900	3800	-	96%	8900	2109	2779	3642	-	8530	2200	8530	9980	620	2100	2690	2.8	9.6	12.3	4.06	A
	2200	2900	5600	-	115%	10700	1785	2353	4543	-	8680	2200	8680	10150	620	2140	2740	2.8	9.8	12.5	4.06	A
	2200	3800	3800	-	105%	9800	1931	3335	3335	-	8600	2200	8600	10070	620	2140	2740	2.8	9.8	12.5	4.02	A
	2200	3800	5600	-	125%	11600	1764	3047	4490	-	9300	2200	9300	10900	620	2150	2750	2.8	9.8	12.6	4.33	A
	2900	2900	2900	-	94%	8700	2840	2840	2840	-	8520	2200	8520	9960	620	2090	2680	2.8	9.6	12.3	4.08	A
	2900	2900	3800	-	103%	9600	2595	2595	3400	-	8590	2200	8590	10050	620	2100	2690	2.8	9.6	12.3	4.09	A
	2900	2900	5600	-	123%	11400	2226	2226	4298	-	8750	2200	8750	10900	620	2140	2740	2.8	9.8	12.5	4.09	A
	2900	3800	3800	-	113%	10500	2392	3134	3134	-	8660	2200	8660	10130	620	2140	2740	2.8	9.8	12.5	4.05	A
	2900	3800	5600	-	132%	12300	2193	2873	4234	-	9300	2200	9300	10900	620	2150	2750	2.8	9.8	12.6	4.33	A
	3800	3800	3800	-	123%	11400	2910	2910	2910	-	8730	2200	8730	10220	620	2150	2750	2.8	9.8	12.6	4.06	A
	3800	3800	5600	-	142%	13200	2677	2677	3945	-	9300	2200	9300	10900	620	2180	2790	2.8	10	12.8	4.27	A
4 Unit	2200	2200	2200	2200	95%	8800	2130	2130	2130	2130	8520	2200	8520	9970	620	2100	2690	2.8	9.6	12.3	4.06	A
	2200	2200	2200	2900	102%	9500	1987	1987	1987	2619	8580	2200	8580	10040	620	2100	2690	2.8	9.6	12.3	4.09	A
	2200	2200	2200	3800	112%	10400	1830	1830	1830	3161	8650	2200	8650	10120	620	2140	2740	2.8	9.8	12.5	4.04	A
	2200	2200	2200	5600	131%	12200	1677	1677	1677	4269	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A
	2200	2200	2900	2900	110%	10200	1864	1864	2456	2456	8640	2200	8640	10100	620	2140	2740	2.8	9.8	12.5	4.04	A
	2200	2200	2900	3800	119%	11100	1726	1726	2276	2982	8710	2200	8710	10190	620	2140	2740	2.8	9.8	12.5	4.07	A
	2200	2200	2900	5600	139%	12900	1586	1586	2091	4037	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A
	2200	2200	3800	3800	129%	12000	1610	1610	2780	2780	8780	2200	8780	10270	620	2180	2790	2.8	10	12.8	4.03	A
	2200	2900	2900	2900	117%	10900	1754	2312	2312	2312	8690	2200	8690	10170	620	2140	2740	2.8	9.8	12.5	4.06	A
	2200	2900	2900	3800	127%	11800	1633	2153	2153	2821	8760	2200	8760	10250	620	2180	2790	2.8	10	12.8	4.02	A
	2200	2900	3800	3800	137%	12700	1611	2124	2783	2783	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A
	2900	2900	2900	2900	125%	11600	2188	2188	2188	2188	8750	2200	8750	10240	620	2140	2740	2.8	9.8	12.5	4.09	A
	2900	2900	2900	3800	134%	12500	2158	2158	2158	2827	9300	2200	9300	10900	620	2180	2790	2.8	10	12.8	4.27	A
	2900	2900	3800	3800	144%	13400	2013	2013	2637	2637	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A



Indoor Units

imagine
the perfect fit

Different types of air conditioners are required depending on different types of buildings and residential space. Searching for the right air conditioner for your commercial and residential space is over. You'll be able to find the one you need from Samsung's variety of indoor units in style. Perfect fit, just the way you need it.

>> **62_ Wall-mounted Type** >64_ MB >66_ Vivace >68_ Neo Forte >> **70_ Cassette Type** >72_ Slim 1Way Cassette
>76_ 2Way Cassette >78_ Mini 4Way Cassette >80_ 4Way Cassette >> **84_ Duct Type** >86_ Slim Duct >90_ MSP Duct
>> **92_ Floor & Convertible** >94_ Console >98_ Ceiling >> **100_ ERV System** >> **104_ Accessories**





Wall-mounted type Air conditioners

Samsung's brand new wall-mounted type air conditioners have more than just a feature of comfortable cooling. New wall-mounted air conditioners will be part of your interior design and protect your health with built-in health care system. Breathe cooler and healthier air every second of your life.

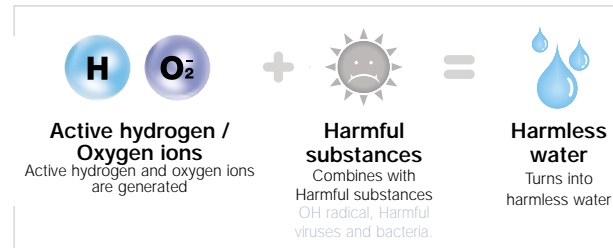


MPI Zone (Optional)

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

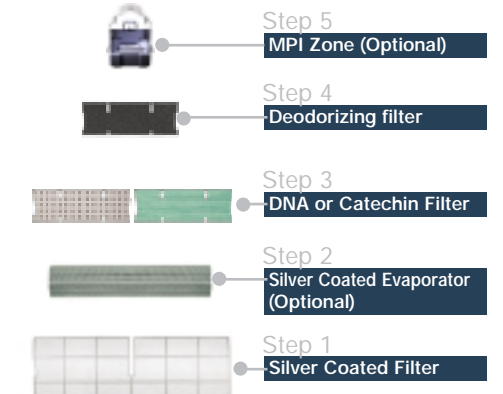


Health Care System (Optional)

Health Care System



5-Step Air Purifying System

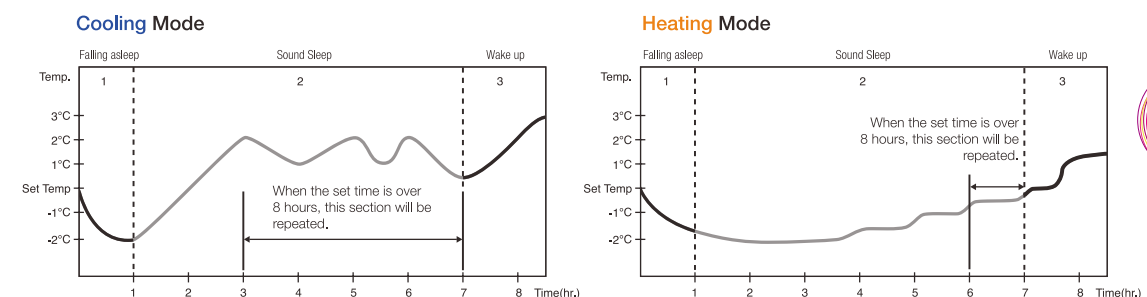


Good'sleep II (MB/Forte)

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 to 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.



... Unique and Innovative...

MB



Auto Roof Shutter (2.8/3.6kW)

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



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.



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.



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 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.

Design

Blue Light



Pearl Color



Auto Roof Shutter



Optional Accessories

Individual Controllers



MWR-TH01



MWR-WS00



MWR-SH00



MR-BH01

Specification | MB

Model				AVXWBH028EE	AVXWBH036EE	AVXWBH056EE	AVXWBH071EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	2.8	3.6	5.6	6.8
			Btu/h	9,500	12,200	19,100	23,200
		Heating ^{*3)}	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
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	31 / 20 ^{*5)}	35 / 21 ^{*5)}	40 / 30 ^{*5)}	41 / 30 ^{*5)}
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling (High)		m³/min	8.14 ^{*5)}	9.16 ^{*5)}	14.98 ^{*5)}	-
	Heating (High)		m³/min	8.23 ^{*5)}	9.46 ^{*5)}	14.49 ^{*5)}	-
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV ^{*6)}	EEV ^{*6)}	EEV ^{*6)}	EEV ^{*6)}
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 ^{*5)}	10.2 ^{*5)}	13.0 ^{*5)}	13.0 ^{*5)}
	Shipping Weight		kg	11.5 ^{*5)}	11.5 ^{*5)}	16.0 ^{*5)}	16.0 ^{*5)}
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) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.
- *6) Optional Accessory

... Chic and Graceful...

Vivace (Shadow Mirror)



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.

Optional Accessories

Individual Controllers



MWR-TH01



MWR-WS00



MWR-SH00



MR-BH01

Specification | vivace

Model				AVXWVH022EE	AVXWVH028EE	AVXWVH036EE	AVXWVH056EE	AVXWVH071EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	2.2	2.8	3.6	5.6	6.8
			Btu/h	7,500	9,500	12,200	19,100	23,200
		Heating ^{*3)}	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
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	31 / 21 ^{*5)}	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)		m³/min	8.82	7.0	8.2	13.3	13.3
	Heating (High)		m³/min	6.11	7.3	8.8	14.0	14.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV ^{*6)}	EEV ^{*6)}	EEV ^{*6)}	EEV ^{*6)}	EEV ^{*6)}
Piping	Liquid (Flare)		Ø,mm	6.35	6.35	6.35	6.35	9.52
Connections	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) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.
- *6) Optional Accessory

Design

Shadow Mirror



Hidden Display



Trim-less Design



... Clean and Fashionable...

Neo Forte



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.

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.

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.

Optional Accessories

Individual Controllers



MWR-TH01



MWR-WS00



MWR-SH00



MR-BH01

Specification | Neo Forte

Model				AVXWNH022EE	AVXWNH028EE	AVXWNH036EE	AVXWNH056EE	AVXWNH071EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	2.2	2.8	3.6	5.6	6.8
			Btu/h	7,500	9,500	12,200	19,100	23,200
		Heating ^{*3)}	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	0.16	0.16	0.18	0.27	0.30
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	32/23 ^{*5)}	32/23	36/23 ^{*5)}	40/30 ^{*5)}	41/30 ^{*5)}
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling (High)		m³/min	7.73 ^{*5)}	8.31 ^{*5)}	9.54 ^{*5)}	13.21 ^{*5)}	14.45 ^{*5)}
	Heating (High)		m³/min	8.00 ^{*5)}	8.56 ^{*5)}	9.93 ^{*5)}	14.22 ^{*5)}	14.94 ^{*5)}
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV ^{*6)}	EEV ^{*6)}	EEV ^{*6)}	EEV ^{*6)}	EEV ^{*6)}
Piping	Liquid (Flare)		Ø/mm	6.35	6.35	6.35	6.35	9.52
Connections	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 ^{*5)}	8.5 ^{*5)}	8.5 ^{*5)}	12.0 ^{*5)}	12.0 ^{*5)}
	Shipping Weight		kg	11.5 ^{*5)}	11.5 ^{*5)}	11.5 ^{*5)}	15.0 ^{*5)}	15.0 ^{*5)}
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) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.
- *6) Optional Accessory

Design^o

Clean-Cut Front Panel



Silver Accent Line









Bottom Opening Front Panel



Cassette type Air conditioners

This year's new cassette type air conditioner still boasts its slim and compact size, but is now equipped with more advanced features. The cassette type air conditioner not only has stronger airflow to cool and heat every inch of space efficiently, but is also designed to be quiet and to purify. Expect more with Samsung.

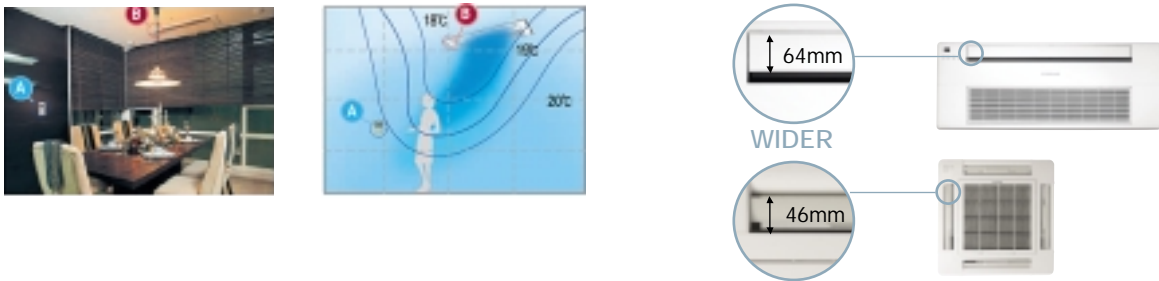
Cassette type Icon

-  WIDE BLADE
-  CEILING SOILING PREVENTION
-  HIGH LIFT-UP DRAIN PUMP
-  FRESH AIR INTAKE
-  SUB DUCT
-  QUICK CONNECTION OF DRAIN PIPE



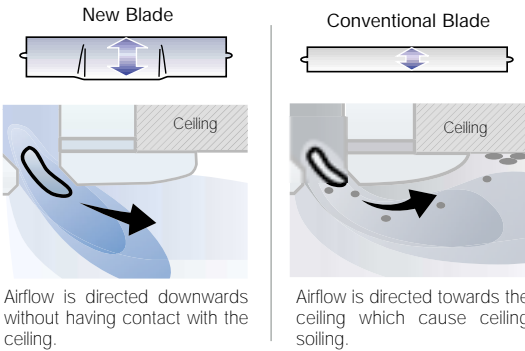
Wide Blade

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.



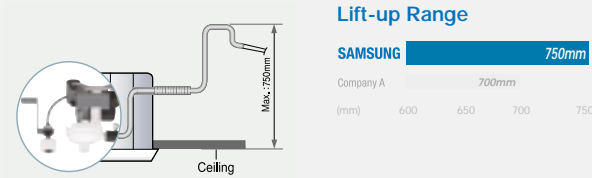
Ceiling Soiling Prevention

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.



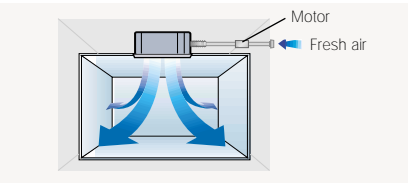
High Lift-up Drain Pump

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



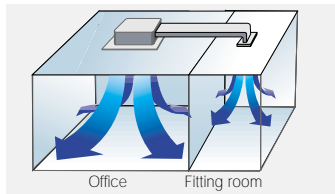
Fresh Air Intake

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



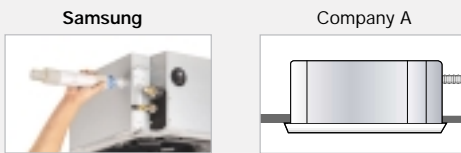
Sub Duct

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.



... Stylish and Slim ...

Slim 1Way Cassette



NEW
PRODUCT



WIDE BLADE



CEILING SOILING
PREVENTION



HIGH LIFT-UP
DRAIN PUMP



QUICK CONNECTION
OF DRAIN PIPE

Optional Accessories

Individual
Controllers



MWR-TH01



MWR-WS00



MWR-SH00



MR-BH01



MR-AH01

Panel



PSSMA

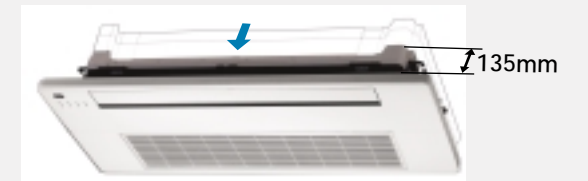
Slim and Compact Design

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.



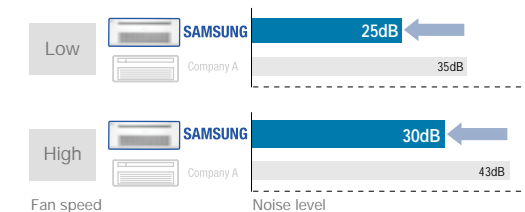
Lighter indoor unit

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	
Power Source			Ø/V/Hz	1/220~240/50	
Mode * ¹⁾				HP/HR	
Performance	Capacity	Cooling * ²⁾	kW	2.2	
			Btu/h	7,500	
		Heating * ³⁾	kW	2.5	
			Btu/h	8,500	
power	Input		W	40	
	Running Current		A	0.20	
Sound	Sound Pressure (High/Low) * ⁴⁾		dB(A)	30/25 * ⁵⁾	
Fan	Type		-	Cross Flow Fan	
Airflow Rate	Cooling (High)		m³/min	5.4 * ⁵⁾	
	Heating (High)		m³/min	7.6 * ⁵⁾	
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) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.

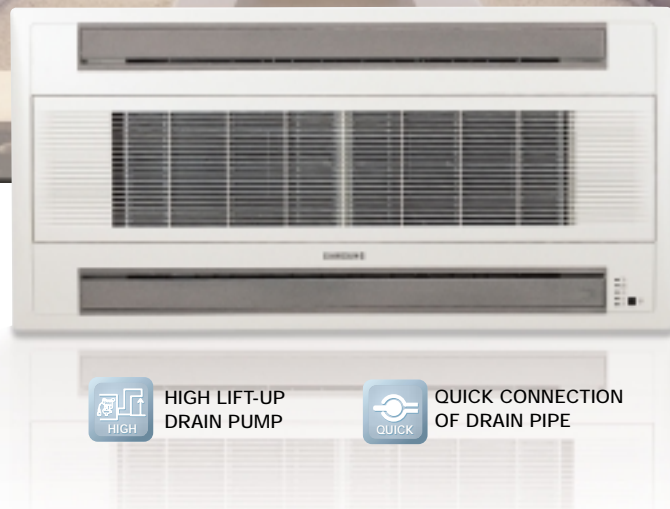
Model				AVXCSH028EE	AVXCSH036EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	2.8	3.6
			Btu/h	9,500	12,200
		Heating ^{*3)}	kW	3.2	4.0
			Btu/h	10,900	13,600
power	Input		W	45	50.5
	Running Current		A	0.23	0.25
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	30 / 25 ^{*5)}	32 / 27 ^{*5)}
Fan	Type		-	Cross Flow fan	Cross Flow fan
Airflow Rate	Cooling (High)		m³/min	6.0 ^{*5)}	7.5 ^{*5)}
	Heating (High)		m³/min	8.6 ^{*5)}	9.7 ^{*5)}
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	1180x25x460
	Shipping Dimensions (WxHxD)		mm	1,259x144x539	1259x144x539
Standard	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
Accessories	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
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... Slim and Compact ...

2Way Cassette



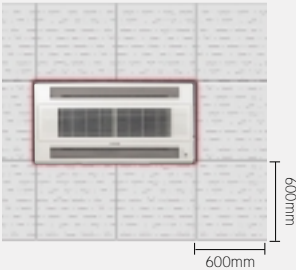
HIGH LIFT-UP
DRAIN PUMP



QUICK CONNECTION
OF DRAIN PIPE

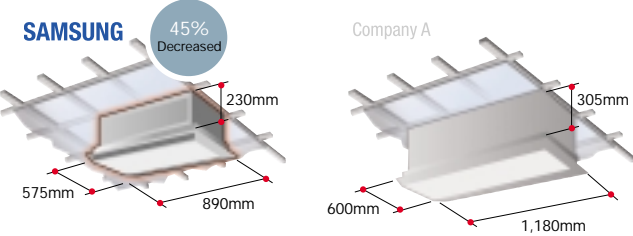
Standard Formula for Easy Installation

The dimensions of the 2Way cassette air conditioner allows for easy installation into standard ceiling grids (600Wx600H), so everything just falls into place.



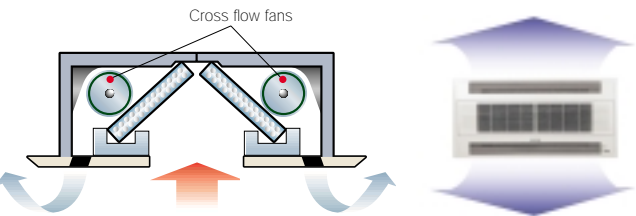
Small Size Big Performance

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-TH01



MWR-WS00



MWR-SH00



MR-BH01



MR-AH01

Panel



P2SMA

Specification | 2Way Cassette

Model				AVXC2H056EE	AVXC2H071EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	5.6	7.1
			Btu/h	19,100	24,200
		Heating ^{*3)}	kW	6.3	8.0
			Btu/h	21,400	27,200
power	Input		W	70	75
	Running Current		A	0.38	0.40
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	36 / 28	38 / 28
Fan	Type		-	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling (High)		m³/min	14.0	14.0
	Heating (High)		m³/min	16.0	16.0
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Piping	Liquid (Flare)		Ø,mm	6.35	9.52
Connections	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	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
Accessories	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.

... Compact and Efficient ...

Mini 4Way Cassette



HIGH LIFT-UP
DRAIN PUMP



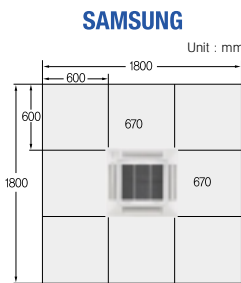
FRESH AIR
INTAKE



QUICK CONNECTION
OF DRAIN PIPE

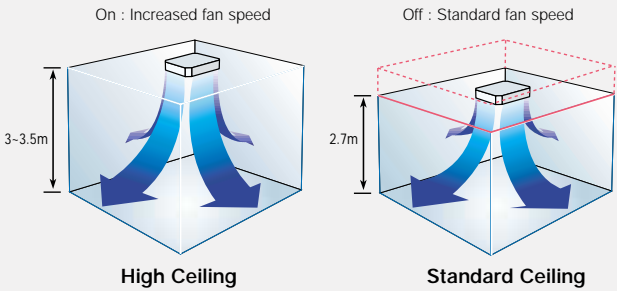
Ideal Compact Size

The Mini 4Way cassette air conditioner can be installed in one standard ceiling tile (600Wx600H), which can save installation time.



Fan Speed Adjustment

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



Optional Accessories

Individual
Controllers



MWR-TH01



MWR-WS00



MWR-SH00



MR-BH01



MR-AH01

Panel



PMSMA

Specification | Mini 4Way Cassette

Model				AVXCMH028EE	AVXCMH036EE	AVXCMH056EE	AVXCMH060EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	2.8	3.6	5.6	6.0
			Btu/h	9,500	12,200	19,100	20,400
		Heating ^{*3)}	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
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)		m³/min	10.1	10.1	10.6	12.2
	Heating (High)		m³/min	11.9	11.9	12.6	14.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Piping	Liquid (Flare)		Ø,mm	6.35	6.35	6.35	6.35
Connections	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	Filter / Safety Grille		-	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille
Accessories	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750	24/750	24/750

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.

... Powerful and Silent ...

4Way Cassette



NEW
PRODUCT



WIDE BLADE



CEILING SOILING
PREVENTION



HIGH LIFT-UP
DRAIN PUMP



FRESH AIR
INTAKE



SUB DUCT



QUICK CONNECTION
OF DRAIN PIPE

Stylish Panel Design

The stylish panel is well harmonized with any interior design.



Optional Accessories

Individual
Controllers



MWR-TH01



MWR-WS00



MWR-SH00



MR-BH01



MR-AH01

Panel

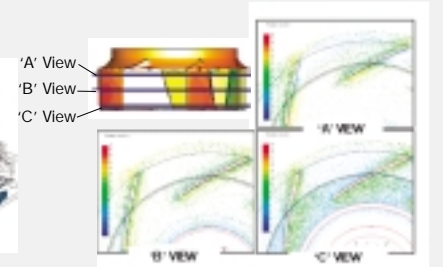
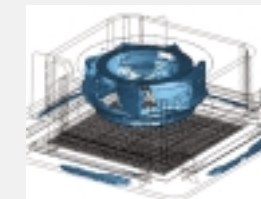


P4SMA

New Turbo Fan

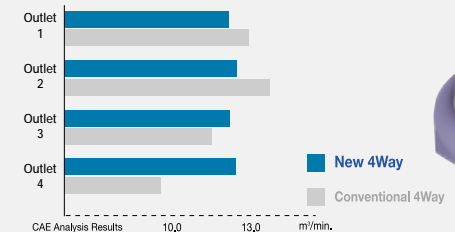
Quiet Operation

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.



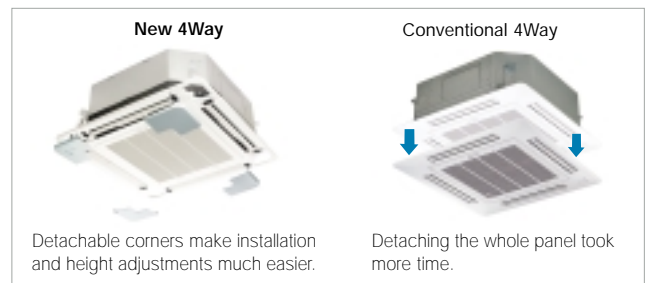
Uniform Distribution

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.



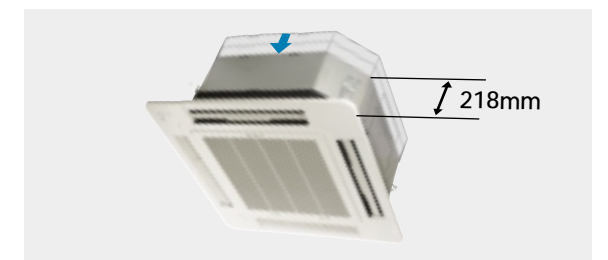
Easy Leveling

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.



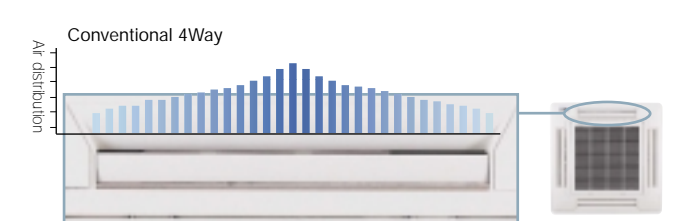
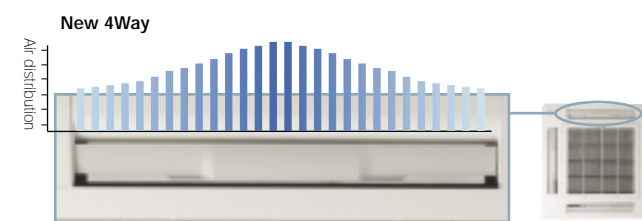
Compact Size

The 4Way cassette type unit has gotten even slimmer. Now only 218mm thick (5.2/7.0/9.0kW), 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 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
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	4.5	5.6	7.1	9.0
			Btu/h	15,300	19,100	24,200	30,700
		Heating ^{*3)}	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
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)		m³/min	14.5	14.5	17.0	19.5
	Heating (High)		m³/min	16.5	16.5	18.5	21.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Piping	Liquid (Flare)		Ø,mm	6.35	6.35	9.52	9.52
Connections	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	Filter / Safety Grille		-	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille
Accessories	Drain Pump (Pumping speed / lift)		l/h / mm	24/750	24/750	24/750	24/750

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.

Model				AVXC4H112EE	AVXC4H128EE	AVXC4H140EE	
Power Source				Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}					HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	11.2	12.8	14.0	
			Btu/h	38,200	43,600	47,700	
		Heating ^{*3)}	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	
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)			m³/min	23.0	25.0	26.5
	Heating (High)			m³/min	26.5	29.5	32.0
Refrigerant	Type			-	R410A	R410A	R410A
	Control Method			-	EEV	EEV	EEV
Piping	Liquid (Flare)			Ø,mm	9.52	9.52	9.52
Connections	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	Filter / Safety Grille			-	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille
Accessories	Drain Pump (Pumping speed / lift)			l/h / mm	24/750	24/750	24/750

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.



Duct type Air conditioners

Samsung's new duct type air conditioners offer flexible installation benefits with its slim, compact size and the option to set up the air inlet either on the bottom or rear of the unit. Its Smart Pressure Control System also provides consistent cool and warm air regardless of the surrounding environment, and the filtering options give you cleaner, healthier air. Enjoy more with Samsung.

Duct type Icon



ANTI-BACTERIA
FILTER



EASY FILTER
CLEANING



HIGH LIFT-UP
DRAIN PUMP



SMART PRESSURE
CONTROL

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.



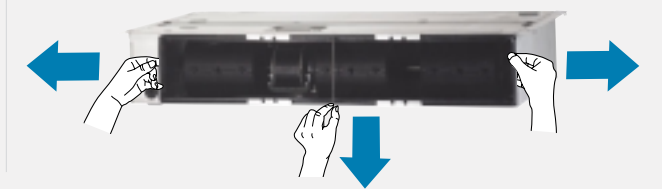
Anti-bacteria Filter

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



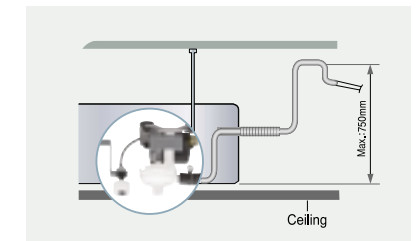
Easy Filter Cleaning

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.)



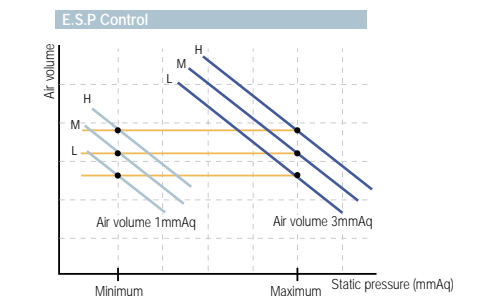
High Lift-up Drain Pump (optional)

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 and Flexible ...

Slim Duct



ANTI-BACTERIA
FILTER



EASY FILTER
CLEANING



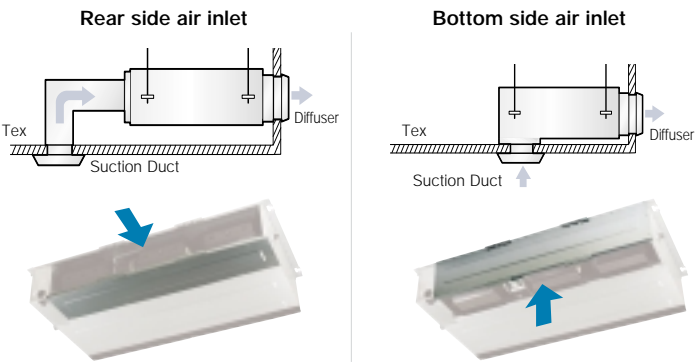
HIGH LIFT-UP
DRAIN PUMP



SMART PRESSURE
CONTROL

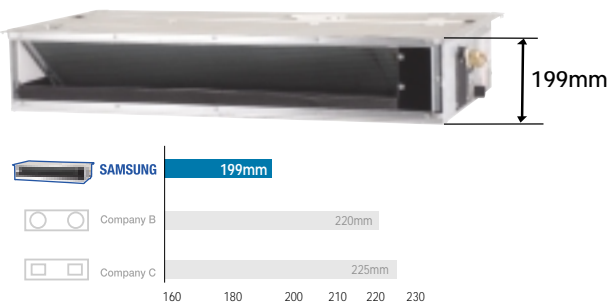
Flexible Installation

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-TH01



MWR-WS00



MWR-SH00



MR-BH01



MR-AH01

Drain Pump



MDP-E075SEE / MDP-E075SEE1

Specification | slim Duct type

Model				AVXDSH022EE	AVXDSH028EE	AVXDSH036EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	2.2	2.8	3.6
			Btu/h	7,500	9,500	12,200
		Heating ^{*3)}	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
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)		m³/min	8.0	9.0	10.0
	Heating (High)		m³/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	Liquid (Flare)		Ø,mm	6.35	6.35	6.35
Connections	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) Mode: HP: Heat Pump, HR: Heat Recovery

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

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

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

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



Specification | Slim Duct type

Model				AVXDSH045EE	AVXDSH056EE	AVXDSH071EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	4.5	5.6	7.1
			Btu/h	15,300	19,100	24,200
		Heating ^{*3)}	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
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)		m³/min	14.5	15.5	16.5
	Heating (High)		m³/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	Liquid (Flare)		Ø,mm	6.35	6.35	9.52
Connections	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) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.

Model				AVXDSH090EE	AVXDSH112EE	AVXDSH128EE	AVXDSH140EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	9.0	11.2	12.8	14.0
			Btu/h	30,700	38,200	43,600	47,700
		Heating ^{*3)}	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
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)		m³/min	29.0	31.2	34.0	36.0
	Heating (High)		m³/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	Liquid (Flare)		Ø,mm	9.52	9.52	9.52	9.52
Connections	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) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.

... Flexible and Silent ...

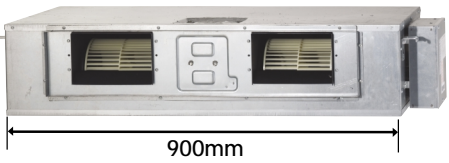
MSP Duct



Silent Operation with the static pressure control

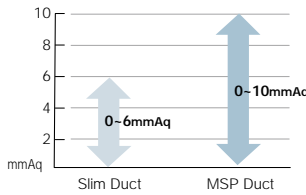
The external static pressure control makes it easy to design duct work to ensure efficiency and silent operation.

Narrow Width (5.6kW)



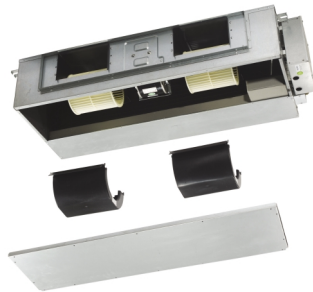
* Width measured without control box.

Middle Static Pressure



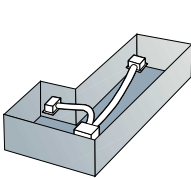
Easy to Maintain

Reduce time and maintenance costs by keeping parts easily accessible.

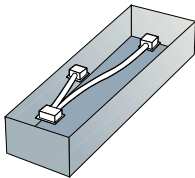


Flexible Installation

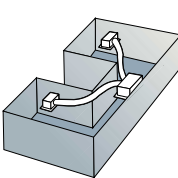
Samsung's MSP Duct air conditioners offer different solutions for any shape room allowing for specific airflow requirements.



L-shaped area



Areas far apart



Y-shaped area

Optional Accessories

Individual Controllers



MWR-TH01



MWR-WS00



MWR-SH00



MR-BH01



MR-AH01

Drain Pump



MDP-M075SGU1 / MDP-M075SGU2 / MDP-M075SGU3

Specification | MSP Duct type

Model				AVXDUH056EE	AVXDUH071EE	AVXDUH090EE	AVXDUH112EE	AVXDUH128EE	AVXDUH140EE	
Power Source				Ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	
Mode ^{*1)}					HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	
Performance	Capacity	Cooling ^{*2)}	kW	5.6	7.1	9.0	11.2	12.8	14.0	
			Btu/h	19,100	24,200	30,700	38,200	43,600	47,700	
		Heating ^{*3)}	kW	6.3	8.0	10.0	12.5	13.8	16.0	
			Btu/h	21,400	27,200	34,100	42,600	47,000	54,500	
power	Input		W	240 ^{*5)}	240 ^{*5)}	240 ^{*5)}	260	370	410	
	Running Current		A	1.2 ^{*5)}	1.2 ^{*5)}	1.2 ^{*5)}	1.17	1.67	1.86	
Sound	Sound Pressure (High/Low) ^{*4)}			dB(A)	39 / 35	39 / 35	39 / 35	39 / 35	43 / 38	
Fan	Type			-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
Airflow Rate	Cooling (High)			m³/min	14.5	18.5	19.5	27.0	32.0	37.0
	Heating (High)			m³/min	15.5	20.0	21.5	27.0	31.0	36.0
	External Static Pressure	Standard(Min.-Max.)		mmAq	4 (0~6)	4 (0~6)	6 (4~8)	8 (6~10)	8 (6~10)	8 (6~10)
Refrigerant	Type			-	R410A	R410A	R410A	R410A	R410A	
	Control Method			-	EEV	EEV	EEV	EEV	EEV	
Piping	Liquid (Flare)			Ø,mm	6.35	9.52	9.52	9.52	9.52	
Connections	Gas (Flare)			Ø,mm	12.70	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)	VP25 (OD 32,ID 25)	
Weight	Net Weight			kg	31.0	31.0	35.0	39.0	52.0	52.0
	Shipping Weight			kg	36.0	36.0	41.0	46.0	60.0	60.0
Set Size	Net Dimensions (WxHxD)			mm	900x260x480	900x260x480	1,150x260x480	1,150x320x480	1,200x360x650	1,200x360x650
	Shipping Dimensions (WxHxD)			mm	1,146x345x584	1,146x345x584	1,390x345x584	1,390x420x584	1,447x425x769	1,447x425x769
Standard	Filter / Safety Grille			-	Filter	Filter	Filter	Filter	Filter	
Accessories					(Washable)	(Washable)	(Washable)	(Washable)	(Washable)	(Washable)
Optional Accessories	Duct Receiver Kits	Receiver	-	MRK-A00	MRK-A00	MRK-A00	MRK-A00	MRK-A00	MRK-A00	
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	
	Drain Pump		-	MDP-M075SGU3	MDP-M075SGU3	MDP-M075SGU1	MDP-M075SGU1	MDP-M075SGU2	MDP-M075SGU2	

Notes

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

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

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

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

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

Floor & Convertible type Air conditioners

Samsung introduces a new elegance in air conditioners. This year's new console and ceiling type air conditioners have the style to complement any decor. The flexibility of drain pipe placement also gives you more options in where you want to place the air conditioner. Staying cool has never been more stylish.

Floor & Convertible type Icon



INTERIOR
DESIGN



ANTI-BACTERIA
FILTER



LIGHT
WEIGHT
UNIT



SILENT
MODE



FLEXIBLE PIPE
INSTALLATION



WIRELESS REMOTE
CONTROL



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.



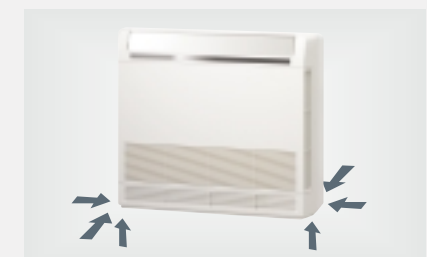
Light Weight Unit

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.



... Slim and Elegant ...

Console



NEW
PRODUCT



INTERIOR
DESIGN



ANTI-BACTERIA
FILTER



LIGHT WEIGHT
UNIT



SILENT MODE



FLEXIBLE PIPE
INSTALLATION



WIRELESS REMOTE
CONTROL

Optional Accessories

Individual
Controllers



MWR-TH01



MWR-WS00



MWR-SH00



ARH-1379

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	
Power Source			Ø/V/Hz	1/220~240/50	
Mode ^{*1)}				HP/HR	
Performance	Capacity	Cooling ^{*2)}	kW	2.8	
			Btu/h	9,500	
		Heating ^{*3)}	kW	3.2	
			Btu/h	10,900	
power	Input		W	30	
	Running Current		A	0.25	
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	38 / 23 ^{*5)}	
Fan	Type		-	Turbo Fan	
Airflow Rate	Cooling (High)		m³/min	7.8 ^{*5)}	
	Heating (High)		m³/min	7.2 ^{*5)}	
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	ID 18 hose	
Weight	Net Weight		kg	15.0	
	Shipping Weight		kg	19.0	
Set Size	Net Dimensions (WxHxD)		mm	720x620x199	
	Shipping Dimensions (WxHxD)		mm	810x710x295	
Standard	Filter / Safety Grille		-	Filter (Washable)	
Accessories	Wireless Remote Controller		-	AHR-1379	

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.

Model				AVXTJH036EE	
Power Source			Ø/V/Hz	1/220~240/50	
Mode ^{*1)}				HP/HR	
Performance	Capacity	Cooling ^{*2)}	kW	3.6	
			Btu/h	12,200	
		Heating ^{*3)}	kW	4.0	
			Btu/h	13,600	
power	Input		W	35	
	Running Current		A	0.29	
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	39 / 24 ^{*5)}	
Fan	Type		-	Turbo Fan	
Airflow Rate	Cooling (High)		m³/min	8.7 ^{*5)}	
	Heating (High)		m³/min	8.9 ^{*5)}	
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	ID 18 hose	
Weight	Net Weight		kg	15.0	
	Shipping Weight		kg	19.0	
Set Size	Net Dimensions (WxHxD)		mm	720x620x199	
	Shipping Dimensions (WxHxD)		mm	810x710x295	
Standard	Filter / Safety Grille		-	Filter (Washable)	
Accessories	Wireless Remote Controller		-	ARH-1379	

Notes

- *1) Mode: HP: Heat Pump, HR: Heat Recovery
- *2) Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB, Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *3) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB, Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications are subject to change without prior notice for product improvement.

... Slim and Compact...

Ceiling



INTERIOR
DESIGN



ANTI-BACTERIA
FILTER



LIGHT
WEIGHT
UNIT



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



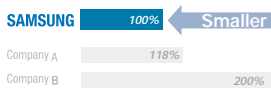
Floor Standing

Compact but Powerful

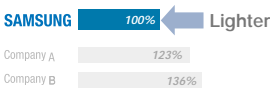
Samsung's ceiling type air conditioner boasts a slim, compact design, half the size of its competitors, with cooling power comparable to competitor's larger products.

7.1kW Model

Size



Weight



Optional Accessories

Individual
Controllers



MWR-TH01



MWR-WS00



MWR-SH00



MR-BH01



MR-AH01

Specification | Ceiling

Model				AVXTFH056EE	AVXTFH071EE
Power Source			Ø/V/Hz	1/220~240/50	1/220~240/50
Mode ^{*1)}				HP/HR	HP/HR
Performance	Capacity	Cooling ^{*2)}	kW	5.6	7.1
			Btu/h	19,100	24,200
		Heating ^{*3)}	kW	6.3	8.0
			Btu/h	21,400	27,200
power	Input		W	72	80
	Running Current		A	0.33	0.35
Sound	Sound Pressure (High/Low) ^{*4)}		dB(A)	38 / 32	41 / 36
Fan	Type		-	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling (High)		m³/min	14.0	18.0
	Heating (High)		m³/min	14.5	18.5
Refrigerant	Type		-	R410a	R410a
	Control Method		-	EEV ^{*6)}	EEV ^{*6)}
Piping	Liquid (Flare)		Ø,mm	6.35	9.52
Connections	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) Mode: HP: Heat Pump, HR: Heat Recovery

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

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

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

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

*6) Optional Accessory.



ERV System

Energy Recovery Ventilator

Samsung's ERV System has applied the cross flow ventilating method which assure you efficient ventilation and energy saving. Furthermore, ERV System has adopted total heat exchange (sensible heat + latent heat) as a heat recovery process that helps maintaining indoor temperature and humidity and minimizing indoor heat loss caused by ventilation

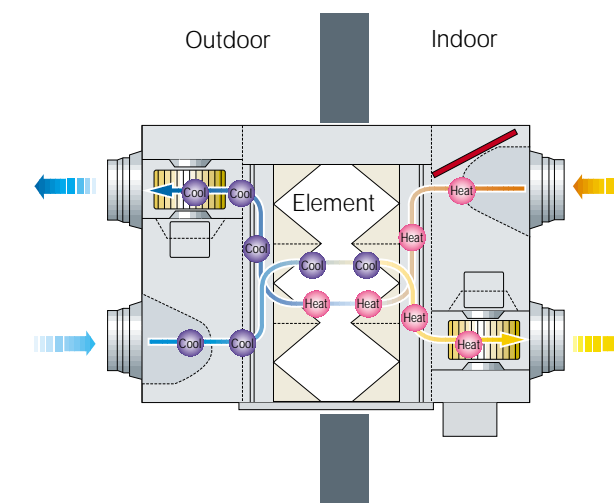
How it Works

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

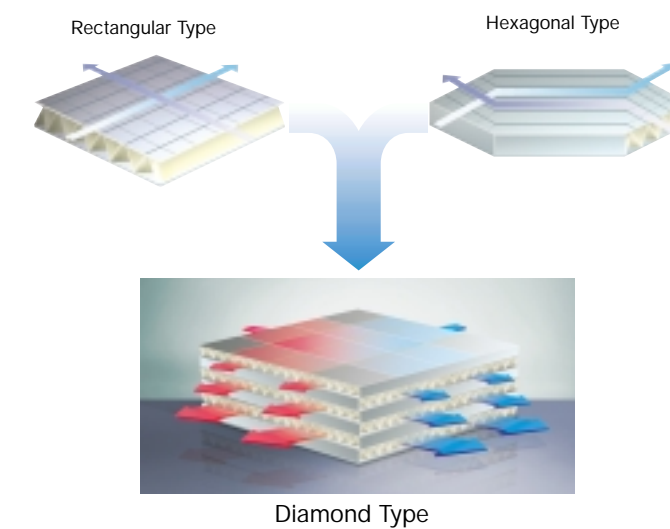
The inside air cools the warmer supply air to reduce ventilation cooling costs.



Key Technology

New Diamond Type

- Optimized Airflow Design
- High Efficiency Element
- Compact size



Automatic Refresh System (CO₂ Sensor) : Optional

- ERV is automatically operated to give fresh air into room by sensing CO₂ Level.

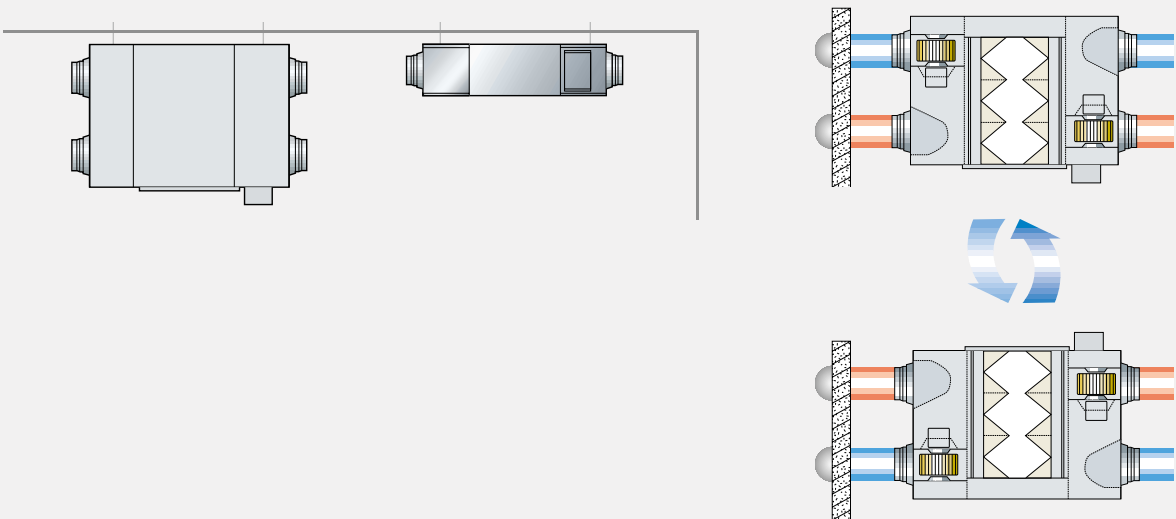
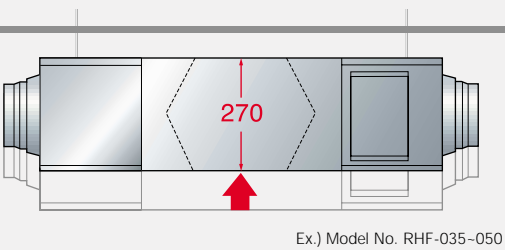
High Efficiency Motor (BLDC)

- 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.

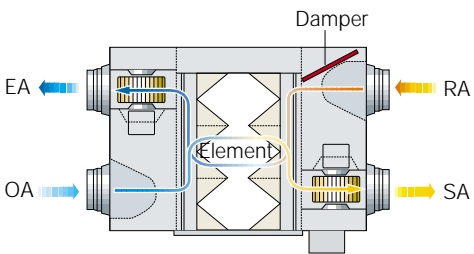


Energy Saving Operation (Auto Mode)

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

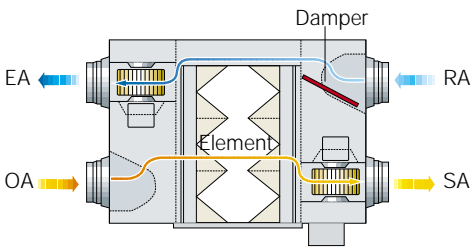
Extreme Climates (Winter & Summer)

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	m³/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	Cooling %	70	70	70	70	70
Efficiency	Heating %	70	70	70	70	70
Effective Enthalpy	Cooling %	50	50	50	50	50
Exchange Efficiency	Heating %	70	70	70	70	70
Sound Level	dB(A)	38	40	42	46	48
Dust Collection Method	-	High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)
Dimensions (Net)	WxHxD mm	600X350X660	1,012X270X1,000	1,012X270X1,000	1,220X340X1,135	1,220X340X1,135
Dimensions (Gross)	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 1 Way Cassette	-	Requisite
		P2SMA	2 Way Cassette		
		P4SMA	4 Way Cassette		
		PMSMA	Mini 4 Way Cassette		



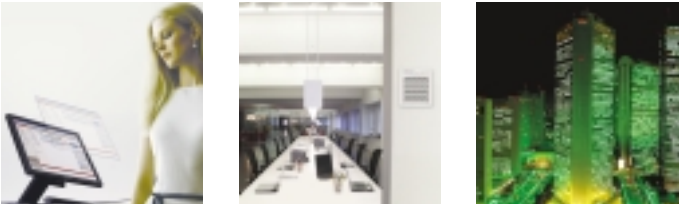
Control Systems

imagine
the complete control



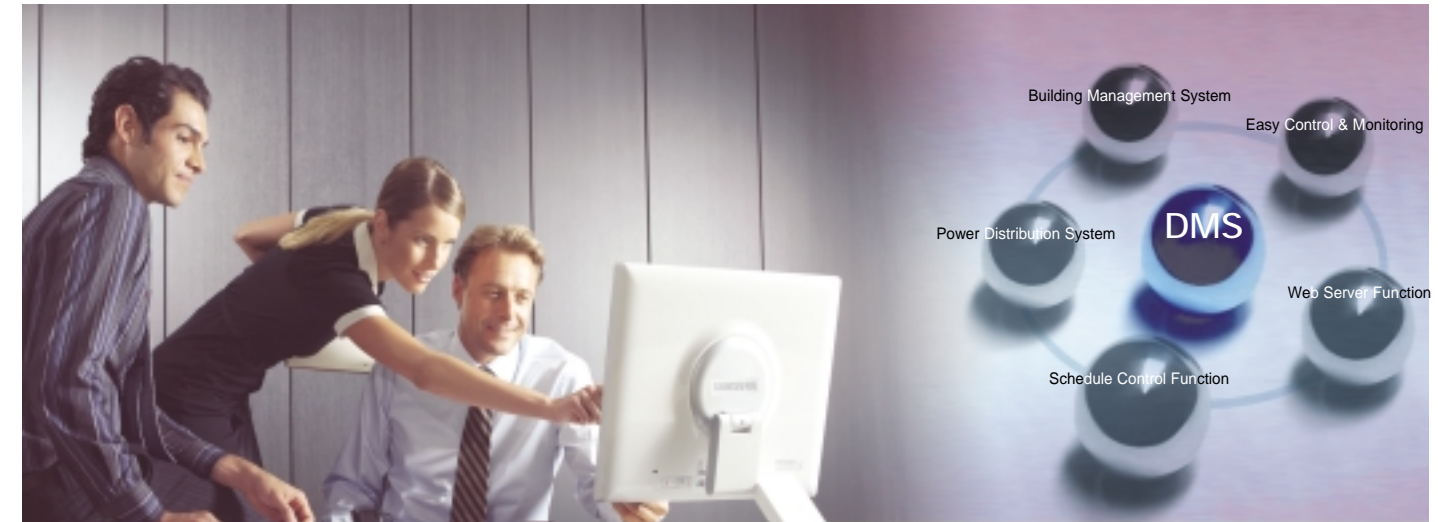
Effective and complete control systems are here. Samsung's control systems are easy to control, simple and user-friendly. These effective and convenient control systems will not only control but also monitors, manages and maintain all the information of your air conditioner. Complete control, in your hands.

>> 108_ Integrated Management System >> 116_ Centralized Control System >> 118_ Individual Control System
>> 120_ Building Management System >> 123_ Accessories



Integrated Management System

Samsung's Integrated Management System provides the easiest and most convenient way to manage a large number of air conditioning units at once. This Integrated Management System will help you control, monitor, manage and maintain every little detail of your air conditioning needs.



DMS Data Management Server

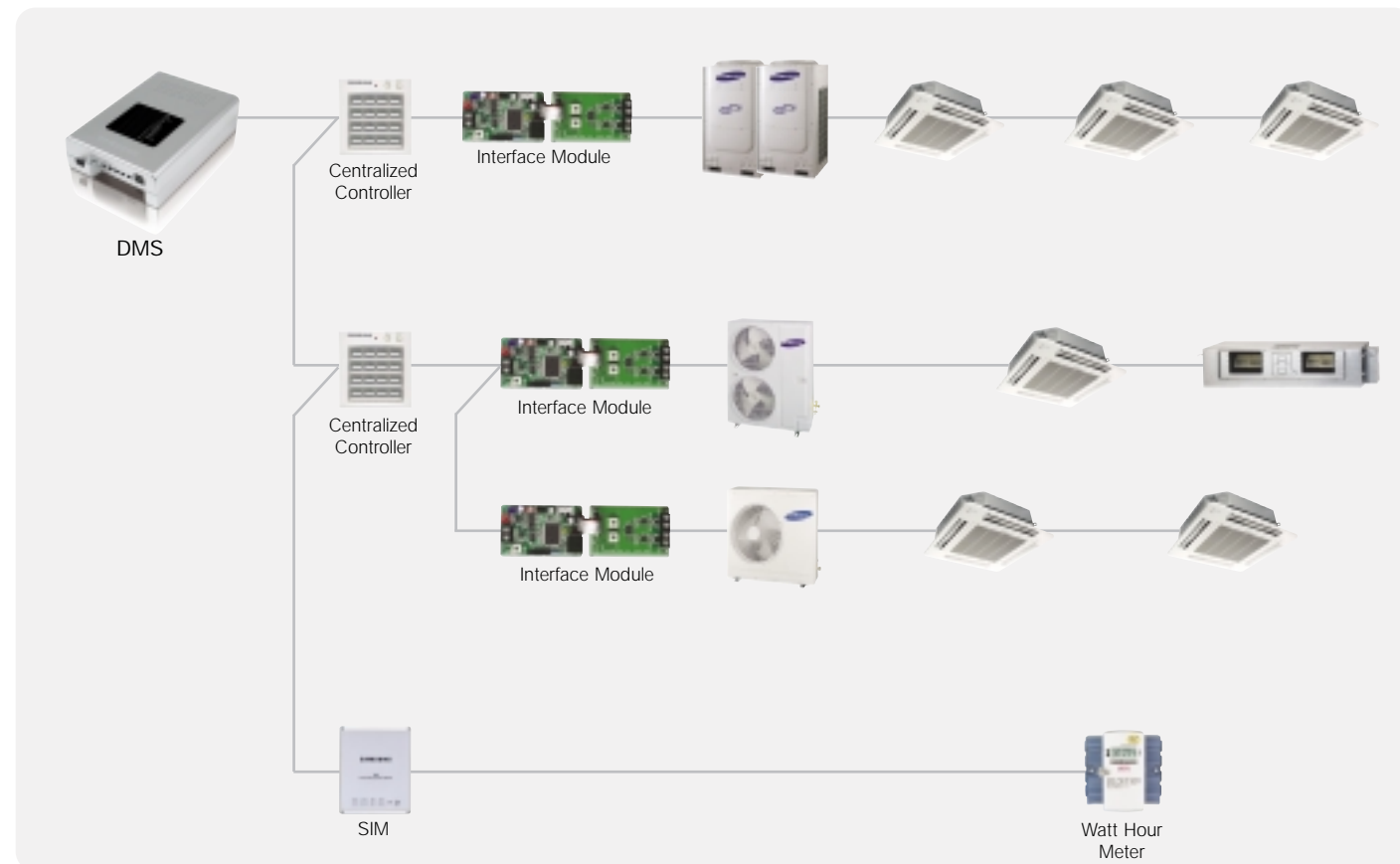
Samsung's Data Management Server (DMS) lets you monitor and control your on-site air conditioning needs remotely. It's the easiest and most convenient way to manage a large number of air conditioning units at once.

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



DMS System



Main Features

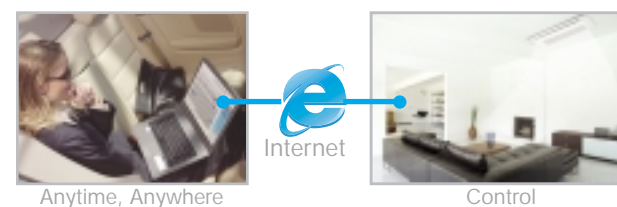
Easy Control & Monitoring

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



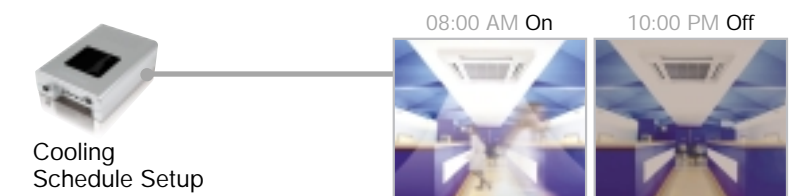
Web Server Function

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



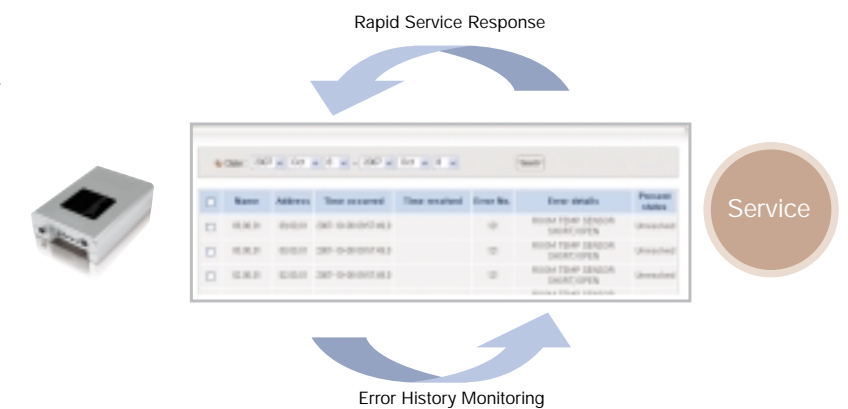
Schedule Control Function

- 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

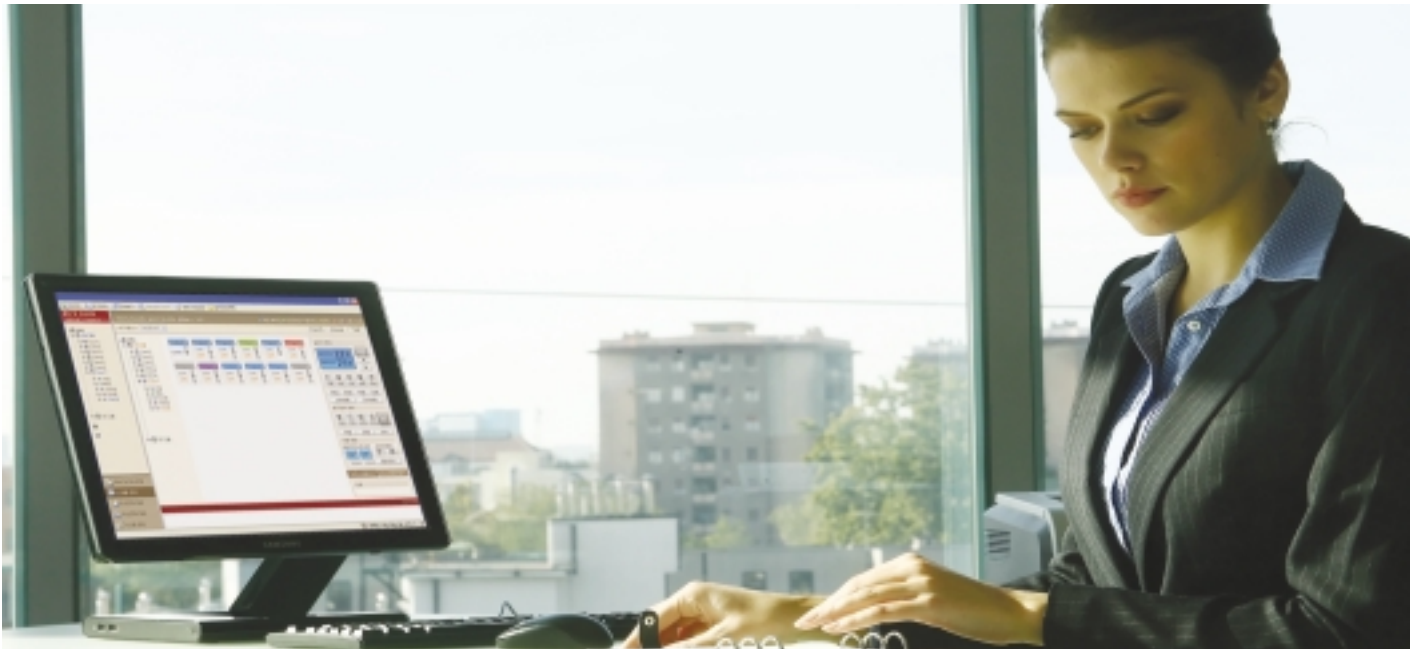
- Power distribution to up to 256 indoor units.
- Data query for watt-hour, use time and use ratio.
- File save in Microsoft Excel format.
- 93 days worth of power distribution data storage.



External Contact Interface

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





Smart Net Control System

S-NET is a complex management program that controls and monitors a complete air conditioner network system. The S-NET series provides flexible and complete control for a variety of applications.

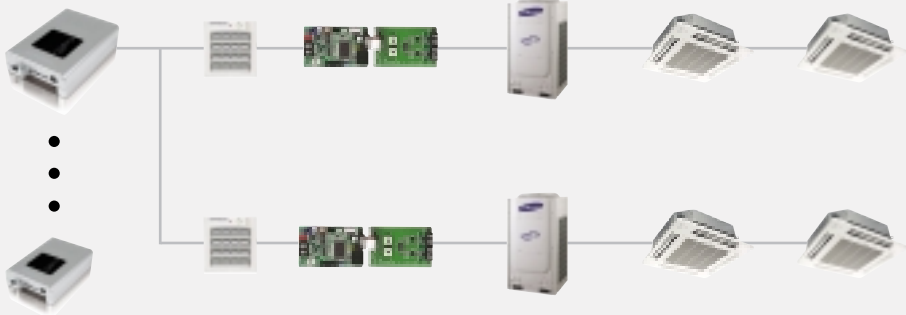
S-NET 3

- Fully integrated PC management software.
- Up to 16 DMSs connection through the Ethernet.
- Centralized management 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

Supports 16 DMSs



Max. 16 units

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



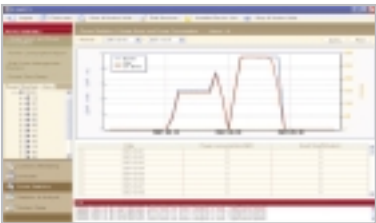
Zone Management

- Management structure customization regardless of installation structure
- Control zone creation/editing/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)

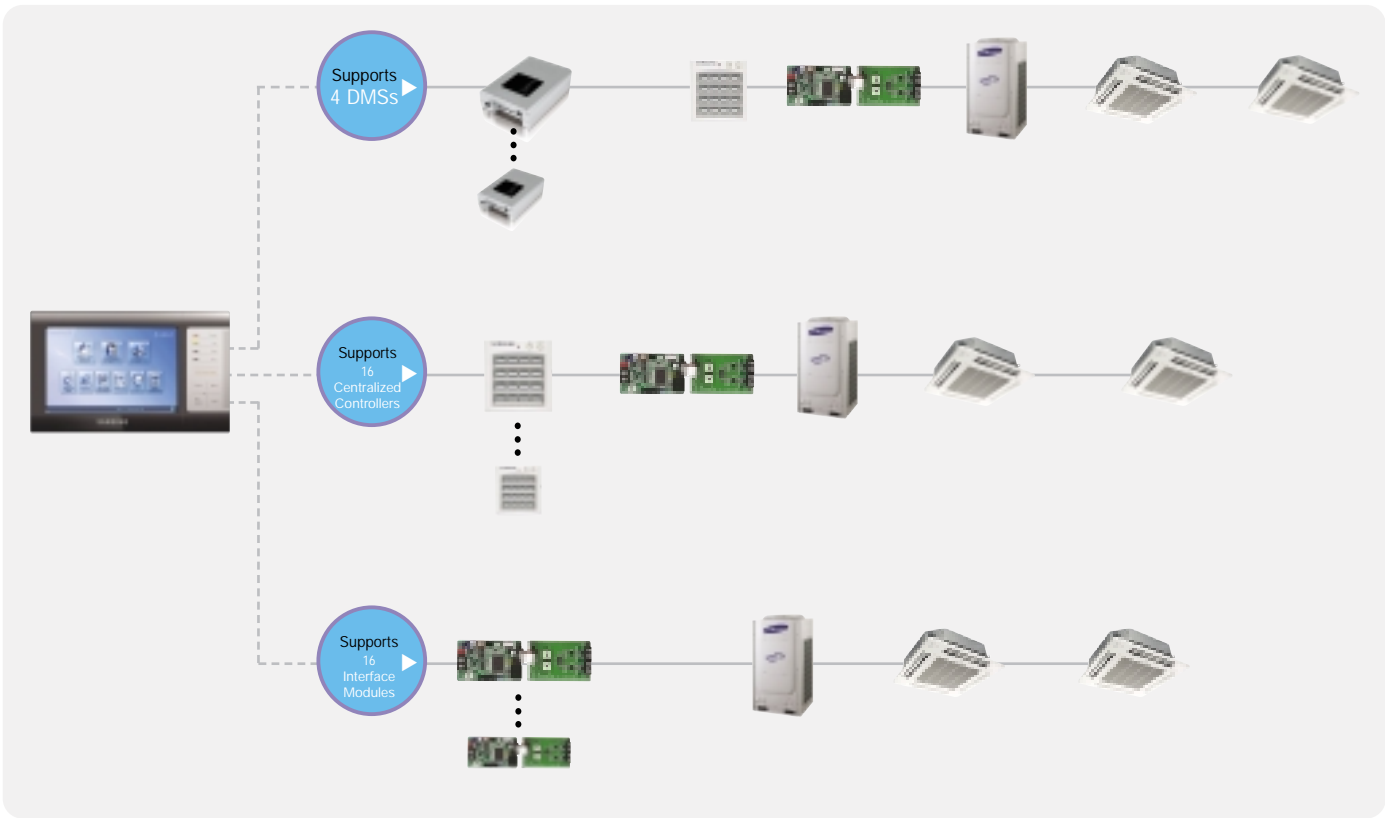


S-NET mini

- 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 supported
- Error display
- 7-inch wide LCD restriction
- Temperature limit setting
- Touch screen
- Zone control
- Child-lock setting



Dynamic Compatibility Option



Main Features

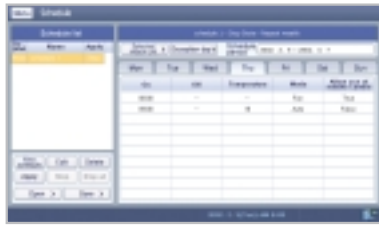
Control and monitoring

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



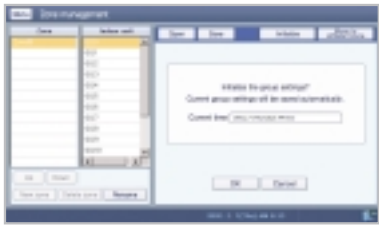
Schedule Control

- 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/edit/delete



Temperature Limit Setting

- Upper/Lower temperature limit setting



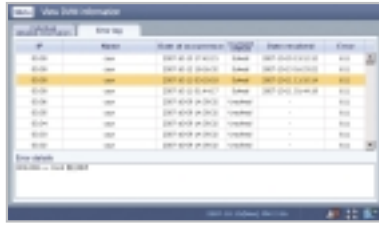
Cycle Monitoring

- 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 advanced technology has come up with the centralized control that is convenient and efficient. Samsung's centralized control system can control and monitor 4,096 individual indoor units and 256 groups of indoor units simultaneously.



Function Icon



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



INDIVIDUAL AND GROUP CONTROL (MAXIMUM 16 INDOOR UNITS)



ERROR DISPLAY



FILTER REPLACEMENT ALARM RESET

Centralized Controller

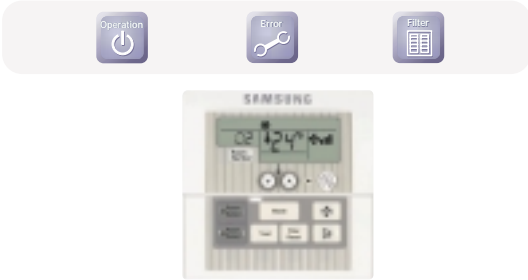
MCM-A202A



- 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

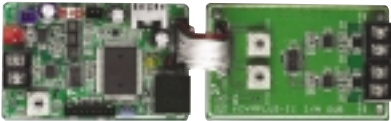
MCM-C200



- 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

S-NET II Plus

- Indoor unit control of up to 256 groups
- Extensive individual control of up to 4096 indoor units
- Weekly and Daily schedule function
- Zone setting and control
- Dynamic exchange to Permitted and Prohibited wireless/wired remote control
- Full/Group/Individual indoor unit display



256 group 4096 indoor units controls



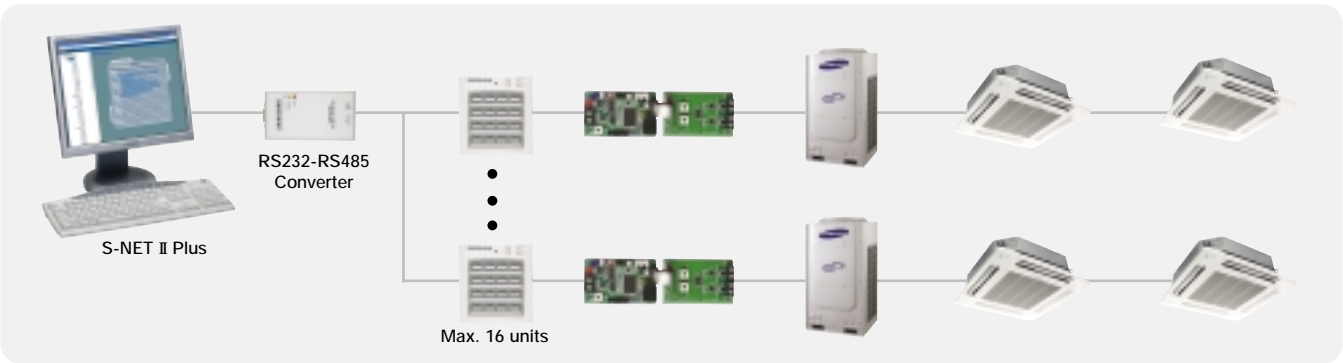
Individual control



Schedule control



Zone control



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 keeps the air conditioning system efficient, saves energy, reduces maintenance costs, and extends the life cycle of the units.



MIM-B07

- Interface for Lon-Connection to Lonworks management system
- Quick and easy installation
- Up to 12 indoor units can be controlled
- Communication : 485 to Lonworks
- Upper physical layer : FTT-10A



BMS Control Function

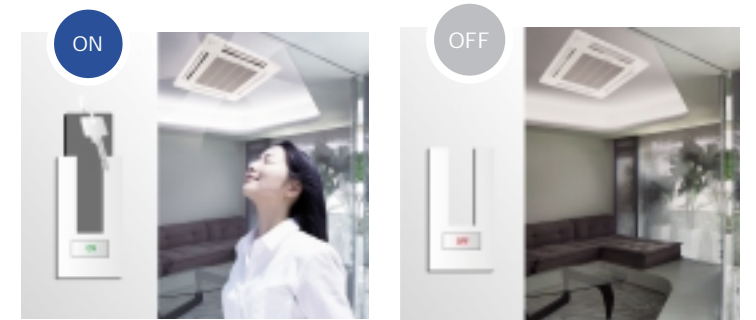
- On/Off control
- Temperature setting
- Operation mode
- Fan speed

Monitoring Function

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

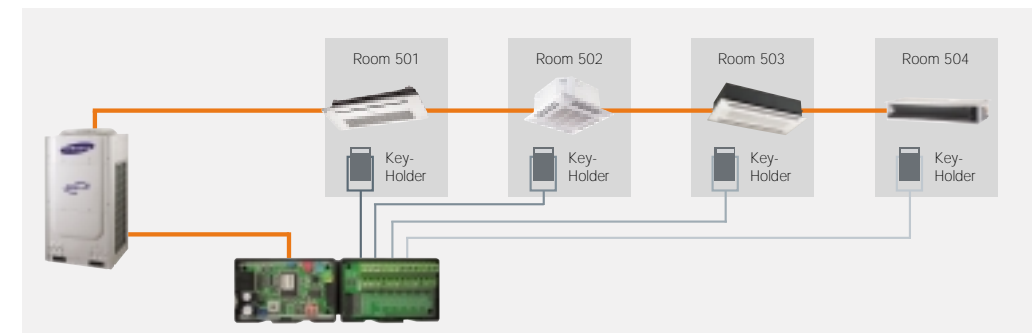
Guest Room Management System

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 turns off. Now you can avoid cooling an unoccupied room and save energy.



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



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



Individual Control System

There are many ways to control your air conditioner, but one smart controller is all you need. Samsung provides several different control options that can control one indoor unit to a group of indoor units with one system.



Function Icon

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

Wireless Remote Controller

MR-BH01

- Simple schedule control
- Wide display
- Soft touch button



MR-AH01

- Compact size
- Simple schedule control
- Soft touch button



Wired Remote Controller

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

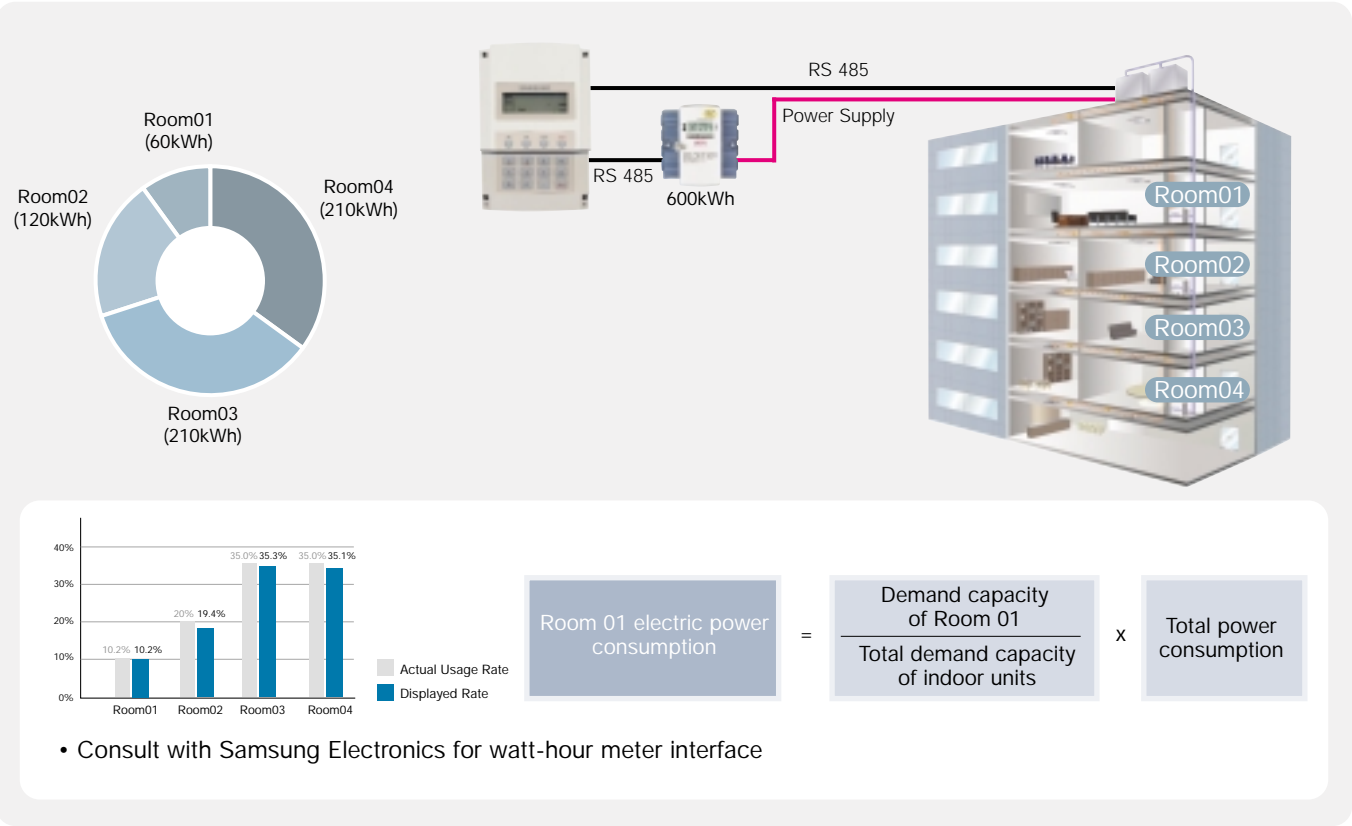
- Up to 100 weekly and daily schedule settings
- Schedule setting based on 1-minute time units
- Digital clock display
- Permanent schedule setting storage
- Current time protection from blackout (maximum 3 days)
- Use with wired remote controller, or centralized controller. (MWR-TH01, MCM-A202A)



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.



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.



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	S-NET II Plus		MSP-S1P		DVM, DVM HR, DVM PLUS II, DVM PLUS II HR, FJM, CAC
		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-AH01 MR-BH01		Cassette, Ceiling, Duct (Receiver needed), Console (Included)
		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		Mini DVM(R410A), DVM PLUS II, DVM PLUS II HR, DVM PLUS III, DVM PLUS III HR (Non RAC/Console)
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