





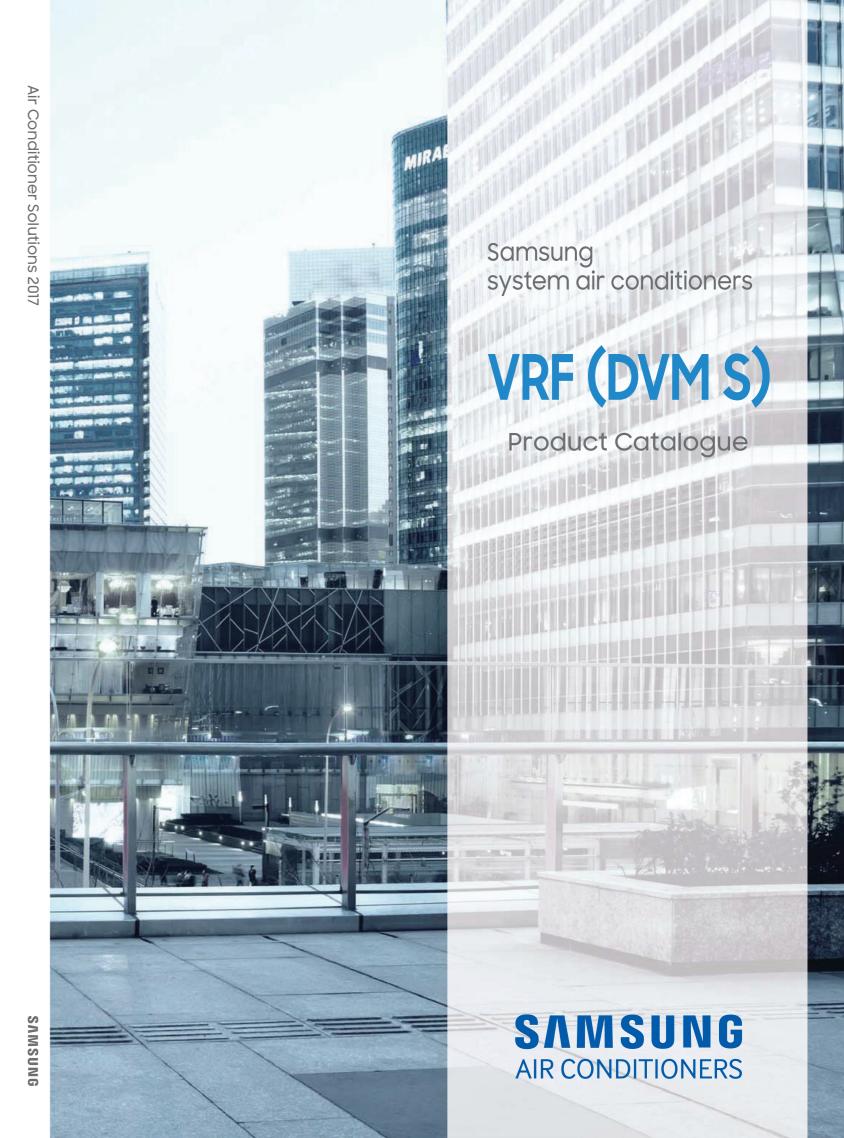
SAMSUNG AIR CONDITIONERS

PT. Samsung Electronics Indonesia

TCC Batavia Tower One 22nd Floor Jl. KH. Mas Mansyur Kav. 126 Jakarta 10220 - Indonesia Telp. (021) 5699-7777 (hunting)

For more information, please visit www.samsung.com/id/business/system-air-conditioner





Product Categories



VRF

DVM S Commercial

With its wide range of capacities and advanced technology, the DVM system is the perfect cooling and heating solution for any type of space from high-rise buildings to small commercial buildings.



Single split

CAC Light Commercial

This one-to-one system that links outdoor and indoor units is the most suitable air solution for individual businesses to manage their own air-conditioning system in small and mediumsized commercial buildings.



Multi split

FJM Residential

A single outdoor unit supporting up to five indoor units, the FJM system is ideal for residential spaces with multiple rooms to increase space efficiency.

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DVMS







HEAT RECOVERY





MODULAR CHILLER









CASSETTE TYPE



1 Way Cassette



2 Way Cassette







HSP Duct



MSP Duct







LSP Duct OAP Duct

HYDRO(HOT WATER)



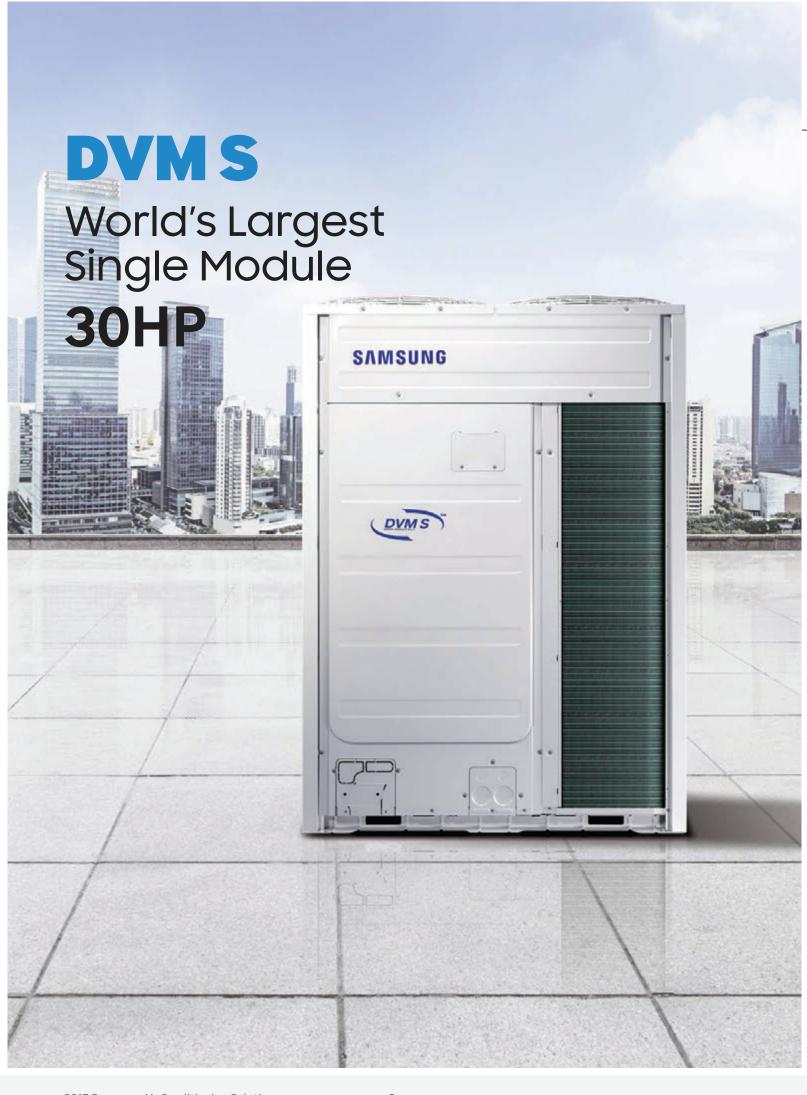


VENTILATION UNIT

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CAC

DVM S INDOOR UNITS



DVM STHE WORLD'S LARGEST CAPACITY



Comfort with solutions designed for superior efficiency and manageability

Variable refrigerant flow (VRF) systems are a smart solution for commercial and large residential buildings that demand higher efficiency, individualized control and installation flexibility. Advanced heat recovery combines heating, cooling and ventilation processes for increased energy efficiency and lower operating costs. In addition, VRF technology supports zone control, enabling users to adjust individual climate settings to suit their personal comfort preferences. And with copper piping that's typically longer than traditional direct expansion (DX) systems, VRF units increase design flexibility for more creative installations.

Samsung's VRF system air conditioners offer instant temperature control, user-friendly installation and advanced functionality, along with smart power usage. Our flagship VRF-based Samsung DVM S is a highly innovative system that adopts the new third-generation Samsung Scroll Compressor (SSC) technology. With its Dual Digital Inverter, DVM S provides world-class energy efficiency and the most powerful cooling and heating performance available on the market. This air conditioning system is ideal for various environments, including large commercial and residential buildings.

The Samsung DVM S system air conditioner delivers optimal comfort, efficiency and performance with features such as:

- **The world's largest capacity.** Experience the ultimate heating and cooling capacity while optimizing space with efficient design.
- Improved heating performance. Enhance airflow with smarter, more efficient heating technology in cold weather environments.
- **High energy efficiency.** Decrease energy consumption and costs with a dual inverter system featuring simultaneous compressor operation for higher performance.
- **Flexible installation.** Ease installation and reduce labor costs with a lightweight design, extended piping length, and elevation support.
- **Year-round climate control.** Enjoy a comfortable environment even in extreme climates with advanced temperature control and rapid cooling and heating.
- **Smart management.** Monitor system performance effectively with convenient web-based data access and management from anywhere
- **Reliable performance and durability.** Ensure dependable cooling and heating for all conditions with weather-proofing and corrosion resistance.

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DVM SSMART EFFICIENCY

World's Largest Single Module - 30HP

Samsung DVM S 30HP is the world's largest and most compact single module VRF system. It is also powerful and highly energy efficient. So you can save costs and space, while providing more reliable coverage across larger areas.

* Based on internal benchmark studies as at September 2015.



More choice of capacity, even less cost

As a single unit, it offers a wide range of capacities from 8HP to 30HP. It's the world's first system to offer a single 30HP unit, so you can reduce the installation and management costs and save valuable space.



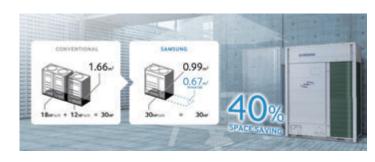
Maximize heating and cooling capacity with a conveniently sized design

To maximize profitability and value, an efficient use of space is critical for any business. Samsung DVM S provides the world's largest heating and cooling capacity without increasing its size enabling businesses to use their space more efficiently.

Space Saving

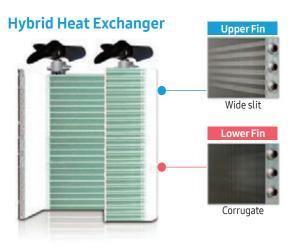
More usable space - no compromise

Its compact size leaves you plenty of extra space that can be used for other purposes without compromising on performance thanks to its highly efficient Inverter Scroll Compressor and Hybrid heat exchanger.



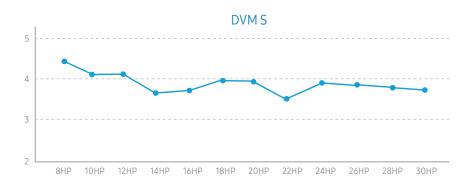
Excellent cooling performance and high energy efficiency

Samsung has included a highly efficient inverter scroll compressor - the world's largest 80 cc / rev compressor in its 30HP system. The addition of an innovative hybrid heat exchanger increases the heat exchange area while an optimised refrigerant control delivers greater efficiency. The new oval-shaped diffuser application increases the airflow path and increases the airflow rate to deliver excellent cooling performance.



Energy efficiency ratio (EER)

DVM S has achieved superior EER which far surpasses Samsung conventional systems EER at all ranges. On average, DVM S boasts 13%* higher EER than Samsung conventional systems.



Class leading energy

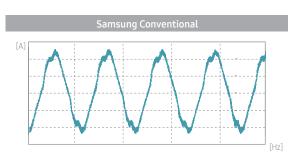
DVM S has achieved a class-leading Coefficient of Performance (COP) of up to 4.49* by adopting an inverter compressor with vapour injection system. It gives you powerful quick cooling with minimum energy consumption.

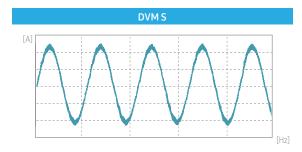


DVM S SMART MANAGEMENT

Adaptive sine wave control

Adaptive sine wave control can reduce Total Harmonic Distortion (THS). Therefore, DVM S does not need to use shield wiring for communication.





^{*}Based on Samsung's internal test results with comparison of selected Samsung's conventional models. Individual test results may vary.

SMART MANAGEMENT

Samsung provides an easy to use, smart management system that makes life simple. With this web-based system, you can immediately access data and easily manage it for unsurpassed convenience, any time, anywhere.

Auto commissioning and Management (ACM) - Optional

DVM S has a smart, web-based management system that facilitates self-diagnosis, auto commissioning, auto management, and mobile data transmission, which users can easily access and monitor via the web-based tool. It provides easy and convenient management as you can control the system with smart phone and/or tablet.



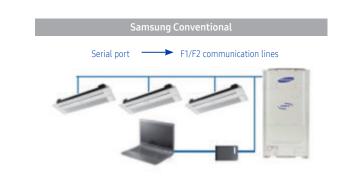
Reduced commissioning time

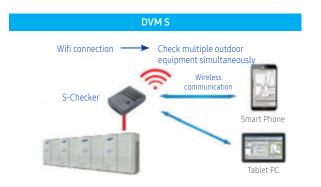
Thanks to the ACM, the commissioning time for DVM S has shortened considerably down to 50 minutes, and testing results are automatically stored and reported.



WiFi Monitoring System - Optional

With Samsung S-checker device, you can easily and conveniently monitor the DVM S through smart device such as smart phone or tablet. With self-diagnosis mode, DVM S automatically monitors its operation status and displays an error code in response to signs of abnormal operation. Users can then identify and address the issue promptly.





DVMS

IMPROVED HEATING PERFORMANCE AND HIGH ENERGY EFFICIENCY



Easy access

Thanks to the small opening on the outdoor unit, checking the outdoor status and setting option is easy, because users don't need to remove the entire front cover.



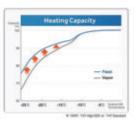
Enhance temperature control with more intelligent and efficient heating operation

With three improved features, DVM S ensures fresh airflow for increased comfort. Enhanced flash injection delivers reliable heating and lower temperatures, while more intelligent defrost and snow detection offer more precise operation, saving valuable energy and expenses.

Improved flash injection

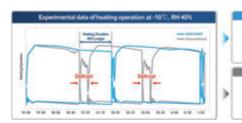
Featuring advanced refrigerant control technology, Samsung's flash injection extends heating operation range at -25oC by increasing ref. flow by 32%. And at even lower temperatures, it continues to perform, delivering reliable comfort in frigid conditions.





Intelligent defrost

DVM S features new frost detection that provides continuous heating time and improved efficiency. The system considers not only conventional factors but also air resistance to intelligently judge the defrost operation. Precise defrost judgment avoids unnecessary defrosting thanks to the partial load and lower ambient temperature operation. Ultimately, users can enjoy less energy waste and more continuous heating time.

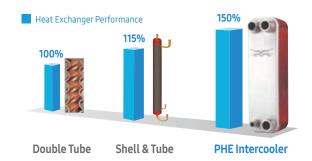


Maintain optimal comfort and control with energy and cost-efficient technologies

Samsung DVM S features several smart technologies that combine to deliver world-class energy efficiency and economy.

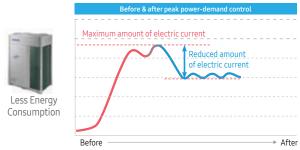
Reduce maintenance and energy costs with intercoolers

DVM S features a PHE type intercooler, which improves cooling and heating efficiency by 30 percent compared to Shell & Tube and Double Tube type intercoolers. The higher heat exchange rate means optimal distribution, lowering maintenance and energy costs.



Limit power consumption with peak-demand control

To help businesses manage better power consumption and related costs better, DVM S offers power-demand control for peak hours and seasons. This is especially useful when the electrical supply is insufficient or when businesses want to block excessive and wasteful energy usage.

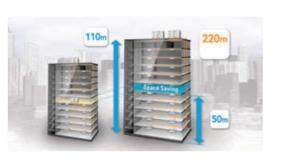


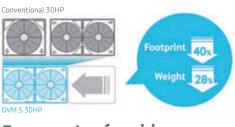
Reduce expenses with installation designed to be easy and flexible

The simplified yet powerful design of the DVM S unit eases the installation process. Non-polar communication between indoor and outdoor units promotes easier and safer wiring work, because the outdoor unit protects itself if the communication cable is mistakenly connected to a power terminal.

Flexible installation with extended pipe length and elevation

DVM S provides extended piping length of up to 220m (721.79 ft.) and installation height of up to 110m (360.89ft.), offering businesses more installation options. The piping distance is far between outdoor and indoor units, so individual indoor units perform capacity connection control and automatic refrigerant equalization for more balanced performance between units.





Smaller footprint and lighter weight

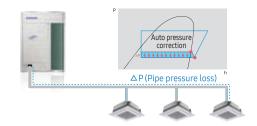
The large unit capacity (30HP) facilitates the economical installation with a smaller footprint and lighter weight, making it the perfect fit for buildings with space constraints.

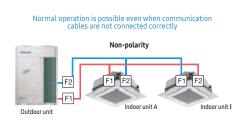
Easy and safe wiring

Non-polar communication between indoor and outdoor units makes wiring work much easier. This is also safer since the outdoor unit will protect itself in case the communication cable is connected to a power terminal by mistake.

Optimized refrigerant distribution control

DVM S compensates for the long piping distance between outdoor units and indoor units by providing balanced refrigerant distribution. The individual indoor units perform capacity connection control and automatic refrigerant balancing to ensure balanced performance between the units.





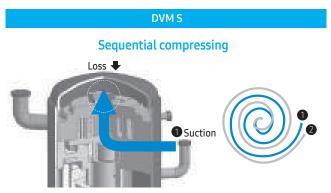
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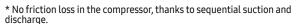
DVM SCORE TECHNOLOGY & SMART OPERATION

Samsung is dedicated to supporting comfortable living and working environments based on the strength of its technologies. With its robust design, DVM S delivers the reliability and durability that users need to ensure consistent performance at all times.

Asymmetric Scroll Design

Applying fluid dynamic design, DVM S minimises compression loss during the compression of refrigerant for maximum performance.



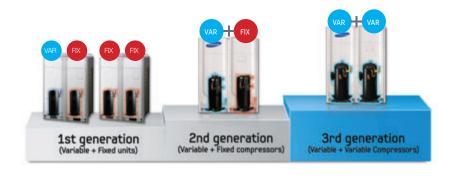


Contradictory compressing Discharge Suction Suction Suction

* Suction from two different sides and discharge through one can cause collision of refrigerant gas which results in friction loss in the compressor.

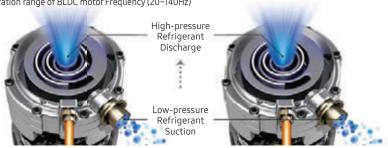
Dual Smart Inverter (DSI) System

The 3rd generation innovative system, Dual Smart System, adopts a dual inverter compressor system that improves refrigerant flow and the motor's operating performance. Both compressors operate simultaneously, provide balanced oil distribution for quick cooling and heating, and improve energy efficiency. The upgraded vapour injection system increases refrigerant flow by 20% compared to Samsung conventional products.



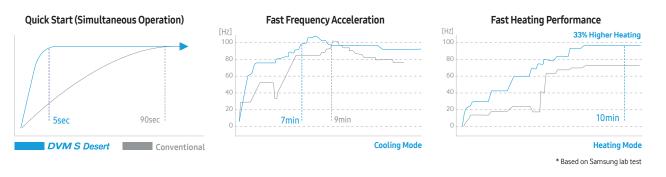
DDI System

- Dual Digital Inverter Compressor 3rd Generation Vapor Injection
- Wider operation range of BLDC motor Frequency (20~140Hz)



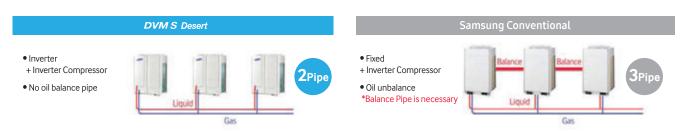
Quick Cooling and Heating

With compressor speed acceleration and simultaneous starting, DVM S provides quick cooling and heating performance.



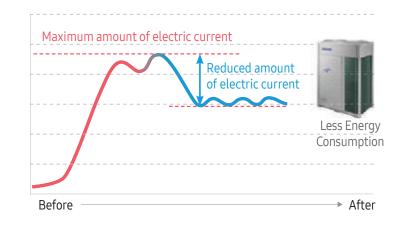
Auto Oil Balancing

Samsung DVM S ensures stable and equal oil balancing without requiring an extra oil balancing pipe.



Peak power-demand control

To help businesses better manage power consumption and related costs, DVM S can control peak current and power consumption. This is especially useful when electric supply is not enough or when you want to block excessive energy usage.

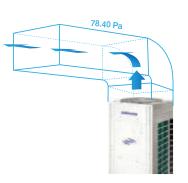


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DVM S ECO

High external static pressure

To properly deal with unexpected and varying installation conditions, DVM S is designed to manage high external static pressures up to 78.40pa.

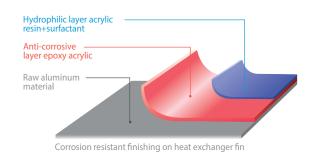


Corrosion and frost resistance

DVM S includes a hydrophilic coating that facilitates efficient heat exchange and delays the onset of frost formation to provide consistent heating performance. An anti-corrosive coating also helps the units to resist corrosion from the elements.

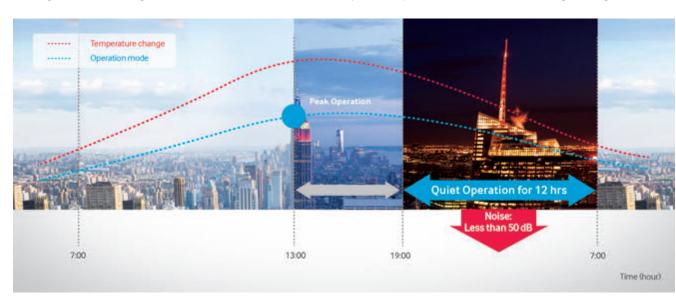
- Corrosion resistant with epoxy acrylic coating
- Implemented corrosion resistant through acrylic+surfactant.





Quiet operation for night time

DVM S has applied an operation control system to the outdoor fans to limit the maximum fan RPM and compressor frequency to reduce noise during the night time. This option operates for 12 hours and reverts back to normal settings in the morning so that residents can relax and rest peacefully with less distraction during the night.



The DVM S Eco air conditioning system is a compact, lightweight and efficient outdoor unit that is suitable for a wide range of homes and small businesses. It is available in capacities of 4HP to 14HP, option of Single Phase for 4HP to 6HP.





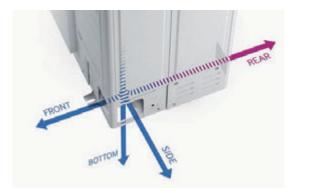
Flexible Piping Design

Thanks to its extended piping length, the DVM S Eco offers maximum flexibility when it comes to deployment. It allows for a level difference of up to 50m between indoor and outdoor units, and a pipe length up to 160m. This generous variation lets businesses customise systems to operate efficiently in a wide range of situations.



Connects more, fits more

The DVM S Eco has a 4 way piping system, with connections at the front, side, bottom, rear, and a 160m piping length, so it fits into many more places, including small and narrow spaces, and is easier to install and maintain.



DVM S ECO

DVM S WATER

Control your cooling anywhere

An optional Wi-Fi Kit lets you remotely control indoor units using a smartphone App*. Anytime and anywhere you can turn them on and off, select the operating mode and temperature and utilize other functions.



High Energy Efficiency Performance

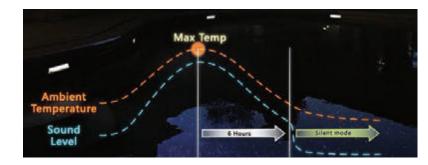
Samsung DVM S Eco includes an innovative Digital Inverter Compressor, an optimised heat exchanger with corrugated fins and highly efficient fans that deliver world-class energy efficiency for today's eco and budget-conscious business.





Ultra-quiet operation

By producing less noise than conventional models, the DVM S Eco imposes fewer distractions on residential and working environments. Its compact, unimposing design and specially shaped fan blades help reduce sound levels up to 5 dB compared with Samsung conventional models, creating a more pleasant environment. Plus, its quiet operation during the night time creates a restful environment with a reduced noise level of 2 - 8 dB.



Control your cooling anywhere - Optional

An optional Wi-Fi Kit lets you remotely control indoor units using a smartphone App*. Anytime and anywhere you can turn them on and off, select the operating mode and temperature and utilize other functions.



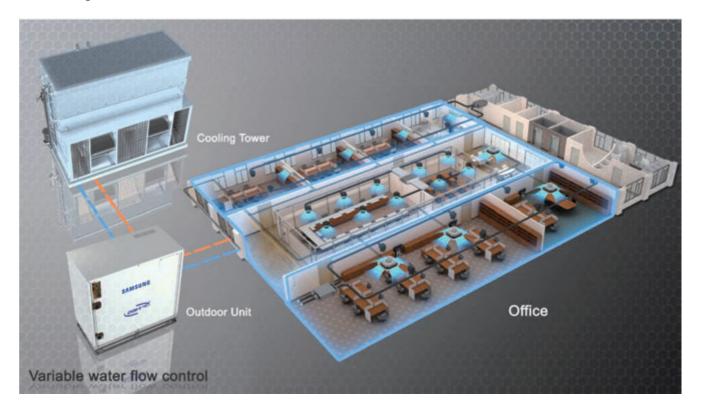
*Available on iPhones and Android devices. A Wi-Fi connection is required.

Temper the indoor environment with innovative water-based heating and cooling technology

DVM S WATER is a high-capacity outdoor cooling and heating system, ideal for large buildings. Unique to other DVM S models, the DVM S WATER air conditioning system uses water as its heat source, which connects to a cooling tower and boiler. Using a highly efficient compressor and heat exchanger, DVMS WATER provides effective and reliable performance despite changes in the surrounding environment. Its long piping and lightweight design also makes it easy and economical to install almost anywhere.

The Samsung DVM S WATER air conditioner system delivers optimal comfort, efficient and performance with features such as:

- **Increased energy savings.** Save on energy consumption and costs with a dual inverter system and high-performance compressors.
- **Easy and flexible Installation.** Ease installation and minimize effort with a lightweight design, extended piping length and elevation support.
- **Convenient management.** Monitor system performance effectively with convenient web-based data access and management from anywhere.
- **Premium comfort.** Support comfortable living and working environments based on the combined strengths of various technologies.



Enhanced the atmosphere and control costs with high energy efficiency

Samsung DVM S WATER features several smart technologies combine to world-class energy efficiency for today's eco-and budget conscious businesses. With these technologies, DVM S WATER boasts 8 percent higher EER than conventional models. Plus, its coefficient of performance (COP) also surpasses the competition with an average 11 percent higher rate.

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DVM S WATER

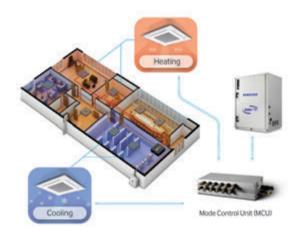
DVM CHILLER

Energy-efficient rapid heating and cooling

The third-generation innovative system, DDI, adopts a dual inverter compressor system. Both inverter compressors operate simultaneously, providing compressor longevity and balanced oil distribution for quick cooling and heating to save energy and the environment. Plus, the upgraded vapor injection system increases refrigerant flow by 20 percent compared to conventional products.

Independent cooling and heating

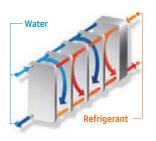
With the DVM S Water air conditioning system's optional Mode Control Unit (MCU), users can independently operate each indoor unit. This means users can set different temperatures for various spaces at the same time, heating some rooms or areas of the building, while cooling others.

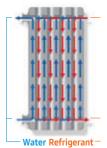




Decreased maintenance and energy costs

DVM S WATER features advanced PHE technology, which improves cooling and heating efficiency, further benefiting the environment while maintenance and energy costs.





Simplify installation with a cost-saving, adaptable design

The simplified yet powerful design of the DVM S WATER unit eases the installation process. Non-polar communication between indoor and outdoor units promotes easier, safer wiring work, because the outdoor unit protects itself if the communication cable is mistakenly connected to a power terminal.

Economical design and setup

At 22HP, the large-unit capacity of DVM S WATER facilitates economical installation with a smaller footprint and lighter weight – an ideal solution for larger buildings.



Easy to move and install modular design

Its modular design and compact size reduce the time, cost and effort to transport, move and install it on site.

With a small footprint it's easy to fit and combine multiple units even when there's limited space.





Easily Increase Performance & Save Space

Its compatibility, large capacity and high space efficiency make it perfect for replacing chillers as it cuts down maintenance costs and frees up valuable space, while expanding overall capacity.

Simply expand capacity on demand

A modular design provides a wide choice of configurations. You can simply and flexibly combine modules and expand capacity from 12 to 320 ton in various ways to optimize energy and space savings or a balance of both.

Work Silently at Night

A Night Silent Mode means it operates at 3 different levels and works silently at night. It adjusts the speed of the compressors and fans, so they supply the required cooling, but provide a better sound performance.



Powerful Heating Performance

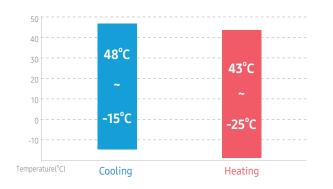
DVM Chiller can operate over 45°C hot water supply heating performance at -20°C with flash injection technology.



Powerful Heating Performance

Wide Temperature Range of Operation

Cooling -15oC ~ 48oC Heating -25oC ~ 43oC



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DVM CHILLER

DVM S HRPREMIUM HEAT RECOVERY

Advanced performance & energy efficiency

The DVM Chiller's advanced technology delivers a consistently higher performance and reduces wasted energy. It has a highly efficient BLDC inverter compressor with flash injection technology and Evaporative Condenser.



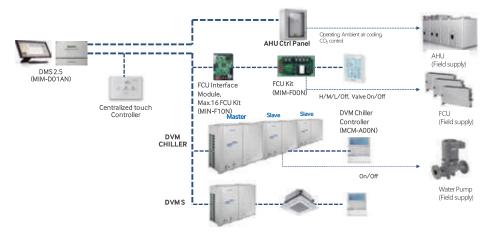
Energy saving operation(ESEER)

Various modes for different types of operational requirements



Centrally control all systems

To maximize operational convenience and the value of your existing units, an integrated control system lets you centrally manage both outdoor and indoor units, such as the DVM chiller, VRF, and Air Side equipment.





Heat environments effortlessly and continuously for ultimate comfort

The DVM S HR (Heat Recovery) model delivers continuous heating performance using innovative rotational defrost for reliable warmth and comfort. In addition, it supports agile operation through simultaneous cooling and heating.

Non-stop heating

DVM S HR can operate continuously in heating mode with rotational defrost operation. Because the heating mode runs for a longer period of time, users can enjoy a warmer and more pleasant environment.



Simultaneous cooling and heating

Single outdoor units can operate all indoor units in both cooling and heating mode. They can also simultaneously operate in cooling and heating mode, when necessary, providing more operational freedom.



Fine-tuned control

DVM S HR uses a Mode Control Unit (MCU) kit that is less than 32 percent the size of competitors' products. The MCU has an internal on/off valve that enables fine-tuned control via an Electronic Expansion Valve (EEV) and sub-cooler. Improved performance and reduced noise create a pleasant temperature controlled environment.

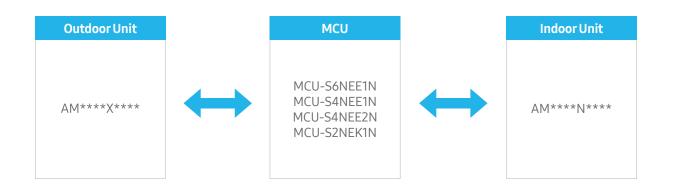




MCU indoor/outdoor unit compatibility table

Before installing MCU, refer to the compatibility table below and find the model before installation.





	Model	Description
	MCU-S6NEE1N	Below 6 indoor units, below 56 kW (192MBH)
MCU Kit	MCU-S4NEE1N	Below 4 indoor units, below 56 kW (192MBH)
	MCU-S4NEE2N	Below 2 large capacity indoor unit, below 56 kW (192MBH)
	MCU-S2NEK1N	Below 2 indoor units, below 28 kW (96MBH)



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DVM SCOMBINATION TABLE

STANDARD COMBINATION (ENERGY SAVING)

Sy	stem Model			1.1					-			
	CiI	No. of			Capactity of Single Unit (HP)							
Module	Single	Modules	8 HP	10 HP	12 HP	14 HP	16 HP	18 HP	20 HP	22 HP	24 HP	26 HF
8	AM080FXVAGH/TK	1	1									
10	AM100FXVAGH/TK	1		1								
12	AM120FXVAGH/TK	1			1							
14	AM140FXVAGH/TK	1				1						
16	AM160FXVAGH/TK	1					1					
18	AM180FXVAGH/TK	1						1				
20	AM200FXVAGH/TK	1							1			
22	AM220FXVAGH/TK	1								1		
24	AM240HXVAGH/TK	1									1	
26	AM260HXVAGH/TK	1										1
28	AM280HXVAGH1TK	1			1		1					
30	AM300HXVAGH1TK	2			1			1				
32	AM320HXVAGH1TK	2			1				1			
34	AM340HXVAGH1TK	2			1					1		
36	AM360HXVAGH1TK	2				1				1		
38	AM380HXVAGH1TK	2					1			1		
40	AM400HXVAGH1TK	2				1						1
42	AM420HXVAGH1TK	2							1	1		
44	AM440HXVAGH1TK	2								2		
46	AM460HXVAGH1TK	3			2					1		
48	AM480HXVAGH1TK	3			1	1				1		
50	AM500HXVAGH1TK	3			1		1			1		
52	AM520HXVAGH1TK	3			1			1		1		
54	AM540HXVAGH1TK	3			1				1	1		
56	AM560HXVAGH1TK	3			1					2		
58	AM580HXVAGH1TK	3				1				2		
60	AM600HXVAGH1TK	3					1			2		
62	AM620HXVAGH1TK	3						1		2		
64	AM640HXVAGH1TK	3							1	2		
66	AM660HXVAGH1TK	3								3		
68	AM680HXVAGH1TK	4			2					2		
70	AM700HXVAGH1TK	4			1	1				2		
72	AM720HXVAGH1TK	4			1		1			2		
74	AM740HXVAGH1TK	4			1			1		2		
76	AM760HXVAGH1TK	4			1				1	2		
78	AM780HXVAGH1TK	4			1					3		
80	AM800HXVAGH1TK	4				1				3		

COMPACT COMBINATION (SPACE SAVING)

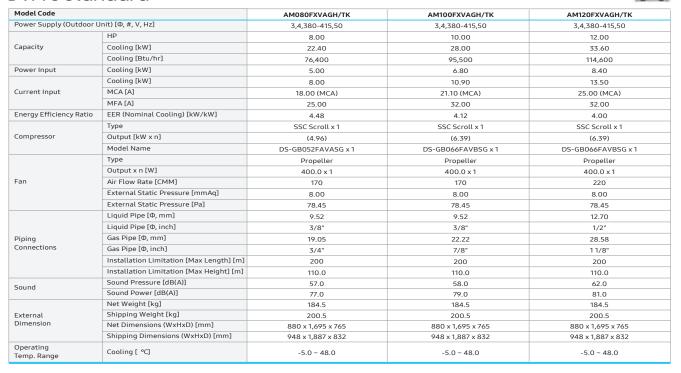
	System Model			-								
Module	Single	No. of				Ca	pactity of S	Single Unit (HP)			
		Modules	8 HP	10 HP	12 HP	14 HP	16 HP	18 HP	20 HP	22 HP	24 HP	26 HP
8	AM080FXVAGH/TK	1	1									
10	AM100FXVAGH/TK	1		1								
12	AM120FXVAGH/TK	1			1							
14	AM140FXVAGH/TK	1				1						
16	AM160FXVAGH/TK	1					1					
18	AM180FXVAGH/TK	1						1				
20	AM200FXVAGH/TK	1							1			
22	AM220FXVAGH/TK	1								1		
24	AM240HXVAGH/TK	1									1	
26	AM260HXVAGH/TK	1										1
28	AM280HXVAGH1TK	1					1					
30	AM300HXVAGH1TK	2			1			1				
32	AM320HXVAGH1TK	2			1				1			
34	AM340HXVAGH1TK	2			1					1		
36	AM360HXVAGH2TK	2			1						1	
38	AM380HXVAGH2TK	2			1							1
40	AM400HXVAGH1TK	2				1						1
42	AM420HXVAGH1TK	2							1	1		
44	AM440HXVAGH1TK	2								2		
46	AM460HXVAGH2TK	2							1			1
48	AM480HXVAGH2TK	2								1		1
50	AM500HXVAGH2TK	2									1	1
52	AM520HXVAGH2TK	2										2
54	AM540HXVAGH1TK	3			1				1	1		
56	AM560HXVAGH1TK	3			1					2		
58	AM580HXVAGH2TK	3			1				1			1
60	AM600HXVAGH2TK	3			1					1		1
62	AM620HXVAGH2TK	3			1						1	1
64	AM640HXVAGH2TK	3			1							2
66	AM660HXVAGH1TK	3								3		
68	AM680HXVAGH2TK	3								2	1	
70	AM700HXVAGH2TK	3								2		1
72	AM720HXVAGH2TK	3								1	1	1
74	AM740HXVAGH2TK	3								1	<u> </u>	2
76	AM760HXVAGH2TK	3								<u> </u>	1	2
78	AM780HXVAGH2TK	3									<u>'</u>	3
80	AM800HXVAGH1TK	4				1				3		<u> </u>

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COOLING ONLY COMPINIATION

	System Model			-										
Madula	Single	No. of					Cap	actity of S	Single Uni	t (HP)				
Module		Modules	8 HP	10 HP	12 HP	14 HP	16 HP	18 HP	20 HP	22 HP	24 HP	26 HP	28 HP	30 HI
8	AM080MXVAGC/TS	1	1											
10	AM100MXVAGC/TS	1		1										
12	AM120MXVAGC/TS	1			1									
14	AM140MXVAGC/TS	1				1								
16	AM160MXVAGC/TS	1					1							
18	AM180MXVAGC/TS	1						1						
20	AM200MXVAGC/TS	1							1					
22	AM220MXVAGC/TS	1								1				
24	AM240MXVAGC/TS	1									1			
26	AM260MXVAGC/TS	1										1		
28	AM280MXVAGC/TS	1											1	
30	AM300MXVAGC/TS	1												1
32	AM320MXVAGC/TS	2		1						1				
34	AM340MXVAGC/TS	2			1					1				
36	AM360MXVAGC/TS	2				1				1				
38	AM380MXVAGC/TS	2					1			1				
40	AM400MXVAGC/TS	2						1		1				
42	AM420MXVAGC/TS	2							1	1				
44	AM440MXVAGC/TS	2								2				
46	AM460MXVAGC/TS	2					1							1
48	AM480MXVAGC/TS	2						1						1
50	AM500MXVAGC/TS	2							1					1
52	AM520MXVAGC/TS	2								1				1
54	AM540MXVAGC/TS	2									1			1
56	AM560MXVAGC/TS	2										1		1
58	AM580MXVAGC/TS	2											1	1
60	AM600MXVAGC/TS	2												2
62	AM620MXVAGC/TS	3		1						1				1
64	AM640MXVAGC/TS	3		1	1					1				1
66	AM660MXVAGC/TS	3				1				1				1
68	AM680MXVAGC/TS	3					1			1				1
70	AM700MXVAGC/TS	3						1		1				1
72	AM720MXVAGC/TS	3		1					1	1				1
74	AM740MXVAGC/TS	3								2				1
76	AM760MXVAGC/TS	3								1	1			1
78	AM780MXVAGC/TS	3								1		1		1
80	AM800MXVAGC/TS	3								1			1	1
82	AM820MXVAGC/TS	3								1			<u> </u>	2
84	AM840MXVAGC/TS	3		+						 	1			2
86	AM860MXVAGC/TS	3									 '	1		2
88	AM880MXVAGC/TS	3		+								<u> </u>	1	2
90	AM900MXVAGC/TS	3		+									- '-	3

DVM S Standard



DVM S Standard

Model Code		AM140FXVAGH/TK	AM160FXVAGH/TK	AM180FXVAGH/TK
Power Supply (Outdoor l	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	14.00	16.00	18.00
Capacity	Cooling [kW]	40.00	45.00	50.40
	Cooling [Btu/hr]	136,500	153,500	172,000
Power Input	Cooling [kW]	8.90	11.00	12.88
	Cooling [kW]	14.30	17.60	20.70
Current Input	MCA [A]	25.00 (MCA)	32.00 (MCA)	39.10 (MCA)
	MFA [A]	32.00	40.00	50.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	4.49	4.09	3.91
Compressor	Туре	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2
	Output [kW x n]	(6.13)	(4.96x2)	(6.39x2)
	Model Name	DS-GB066FAVASG x 1	DS-GB052FAVASG x 2	DS-GB066FAVBSG x 2
Fan	Туре	Propeller	Propeller	Propeller
	Output x n [W]	620.0 x 2	620.0 x 2	620.0 x 2
	Air Flow Rate [CMM]	260	260	290
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	12.70	12.70	15.88
	Liquid Pipe [Φ, inch]	1/2"	1/2"	5/8"
Piping	Gas Pipe [Φ, mm]	28.58	28.58	28.58
Connections	Gas Pipe [Φ, inch]	1 1/8"	1 1/8"	1 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	61.0	63.0	64.0
Souria	Sound Power [dB(A)]	81.0	83.0	86.0
	Net Weight [kg]	233.0	276.0	298.0
External Dimension	Shipping Weight [kg]	252.0	295.0	317.0
	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD) [mm]	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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*If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.

1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit Pressure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.





DVM S Standard

Model Code		AM200FXVAGH/TK	AM220FXVAGH/TK	AM240HXVAGH/TK
Power Supply (Outdoor l	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	20.00	22.00	24.00
Capacity	Cooling [kW]	56.00	61.60	67.20
	Cooling [Btu/hr]	191,100	210,200	229,300
Power Input	Cooling [kW]	15.19	17.35	17.10
	Cooling [kW]	24.40	27.80	26.83
Current Input	MCA [A]	42.50 (MCA)	44.50 (MCA)	60.50 (MCA)
	MFA [A]	63.00	63.00	75.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.69	3.55	3.93
	Туре	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
Compressor	Output [kW x n]	(6.13x2)	(6.39x2)	(6.39x2)
	Model Name	DS-GB066FAVASG x 2	DS-GB066FAVBSG x 2	DS-GB066FAVBSG x 2
	Туре	Propeller	Propeller	Propeller
Fan	Output x n [W]	620.0 x 2	620.0 x 2	620.0 x 2
	Air Flow Rate [CMM]	275	290	310
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	15.88	15.88	15.88
	Liquid Pipe [Φ, inch]	5/8"	5/8"	5/8"
Piping	Gas Pipe [Φ, mm]	28.58	28.58	34.92
Connections	Gas Pipe [Φ, inch]	1 1/8"	1 1/8"	1 3/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	65.0	66.0	67.0
300110	Sound Power [dB(A)]	87.0	89.0	91.0
	Net Weight [kg]	298.0	298.0	356.0
External	Shipping Weight [kg]	317.0	317.0	371.0
Dimension	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD) [mm]	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0





DVM S Standard

Model Code		AM260HXVAGH/TK	AM280HXVAGH1TK	AM300HXVAGH1TK
Power Supply (Outdoor U	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	26.00	28.00	30.00
Capacity	Cooling [kW]	72.80	78.60	84.00
	Cooling [Btu/hr]	248,400	268,200	286,600
Power Input	Cooling [kW]	19.30	19.40	21.28
	Cooling [kW]	30.28	31.10	34.20
Current Input	MCA [A]	63.80 (MCA)	57.00 (MCA)	64.10 (MCA)
	MFA [A]	75.00	75.00	90.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.77	4.05	3.95
	Туре	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3
Compressor	Output [kW x n]	(6.76x2)	(6.39) + (4.96x2)	(6.39) + (6.39x2)
	Model Name	DS-GB070FAVASG x 2	DS-GB066FAVBSG x 1 + DS-GB052FAVASG x 2	DS-GB066FAVBSG x 3
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	620.0 x 2	400.0 x 1 + 620.0 x 2	400.0 x 1 + 620.0 x 2
Fan	Air Flow Rate [CMM]	310	220 + 255	220 + 290
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	34.92	34.92	34.92
Connections	Gas Pipe [Φ, inch]	13/8"	13/8"	1 3/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	67.0	66.0	66.0
Joana	Sound Power [dB(A)]	91.0	85.0	87.0
	Net Weight [kg]	356.0	184.5 + 276.0	184.5 + 298.0
External	Shipping Weight [kg]	371.0	200.5 + 295.0	200.5 + 317.0
Dimension	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 76
	Shipping Dimensions (WxHxD) [mm]	1,363 x 1,887 x 832	948 x 1,887 x 832 + 1,363 x 1,887 x 832	948 x 1,887 x 832 + 1,363 x 1,887 x 83
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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 * If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.

 1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.
 2) Sound level was acquired in an anehonic room. Thus actual noise level amy be different depending on the installation conditions.
 3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)
 *PDM kit: Pressure Drop Modulation kit
 4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

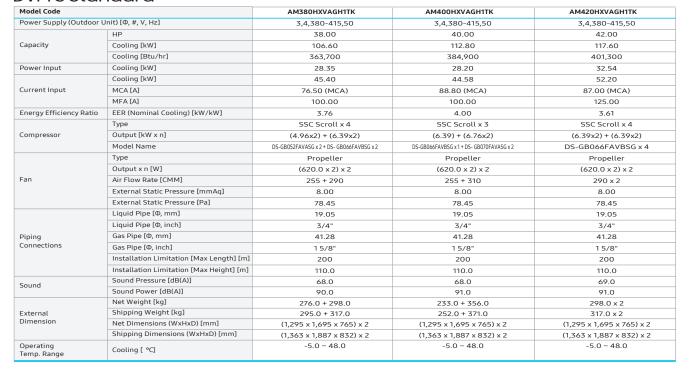






Model Code		AM320HXVAGH1TK	AM340HXVAGH1TK	AM360HXVAGH1TK
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	32.00	34.00	36.00
Capacity	Cooling [kW]	89.60	95.20	101.60
	Cooling [Btu/hr]	305,700	324,800	346,700
Power Input	Cooling [kW]	23.59	25.75	26.25
	Cooling [kW]	37.90	41.30	42.10
Current Input	MCA [A]	67.50 (MCA)	69.50 (MCA)	69.50 (MCA)
	MFA [A]	90.00	90.00	90.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.80	3.70	3.87
Compressor	Туре	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3
	Output [kW x n]	(6.39) + (6.39x2)	(6.39) + (6.39x2)	(6.39) + (6.39x2)
	Model Name	DS-GB066FAVBSG x 3	DS-GB066FAVBSG x 3	DS-GB066FAVBSG x 3
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	400.0 x 1 + 620.0 x 2	400.0 x 1 + 620.0 x 2	(620.0 x 2) x 2
Fan	Air Flow Rate [CMM]	220 + 290	220 + 290	255 + 290
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	34.92	34.92	41.28
Connections	Gas Pipe [Φ, inch]	1 3/8"	1 3/8"	1 5/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	67.0	67.0	67.0
Sound	Sound Power [dB(A)]	88.0	90.0	90.0
	Net Weight [kg]	184.5 + 298.0	184.5 + 298.0	233.0 + 298.0
External	Shipping Weight [kg]	200.5 + 317.0	200.5 + 317.0	252.0 + 317.0
Dimension	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	(1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832 + 1,363 x 1,887 x 832	948 x 1,887 x 832 + 1,363 x 1,887 x 832	(1,363 x 1,887 x 832) x 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Standard



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*If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.

1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit Pressure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.







DVM S Standard

Model Code		AM440HXVAGH1TK	AM460HXVAGH1TK	AM480HXVAGH1TK
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	44.00	46.00	48.00
Capacity	Cooling [kW]	123.20	128.80	135.20
	Cooling [Btu/hr]	420,400	439,500	461,300
Power Input	Cooling [kW]	34.70	34.15	34.65
	Cooling [kW]	55.60	54.80	55.60
Current Input	MCA [A]	89.00 (MCA)	94.50 (MCA)	94.50 (MCA)
	MFA [A]	125.00	125.00	125.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.55	3.77	3.90
Compressor	Туре	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
	Output [kW x n]	(6.39x2)x2	(6.39)x2 + (6.39x2)	(6.39) + (6.39) + (6.39x2)
	Model Name	DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 4
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 2	(400.0 x 1) x 2 + 620.0 x 2	400.0 x 1 + (620.0 x 2) x 2
Fan	Air Flow Rate [CMM]	290 x 2	220 x 2 + 290	220 + 255 + 290
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28	41.28
Connections	Gas Pipe [Φ, inch]	15/8"	15/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	69.0	69.0	68.0
300110	Sound Power [dB(A)]	92.0	90.0	90.0
	Net Weight [kg]	298.0 x 2	184.5 x 2 + 298.0	184.5 + 233.0 + 298.0
External	Shipping Weight [kg]	317.0 x 2	200.5 x 2 + 317.0	200.5 + 252.0 + 317.0
Dimension	Net Dimensions (WxHxD) [mm]	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 2	(948 x 1,887 x 832) x 2 + 1,363 x 1,887 x 832	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0





DVM S Standard

Model Code		AM500HXVAGH1TK	AM520HXVAGH1TK	AM540HXVAGH1TK
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	50.00	52.00	54.00
Capacity	Cooling [kW]	140.20	145.60	151.20
	Cooling [Btu/hr]	478,400	496,800	515,900
Power Input	Cooling [kW]	36.75	38.63	40.94
	Cooling [kW]	58.90	62.00	65.70
Current Input	MCA [A]	101.50 (MCA)	108.60 (MCA)	112.00 (MCA)
	MFA [A]	125.00	125.00	150.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.81	3.77	3.69
Compressor	Туре	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5
	Output [kW x n]	(6.39) + (4.96x2) + (6.39x2)	(6.39) + (6.39x2) + (6.39x2)	(6.39) + (6.39x2) + (6.39x2)
	Model Name	DS-GB066FAVBSG x 3 + DS- GB052FAVASG x 2	DS-GB066FAVBSG x 5	DS-GB066FAVBSG x 5
Fan	Туре	Propeller	Propeller	Propeller
	Output x n [W]	400.0 x 1 + (620.0 x 2) x 2	400.0 x 1 + (620.0 x 2) x 2	400.0 x 1 + (620.0 x 2) x 2
	Air Flow Rate [CMM]	220 + 255 + 290	220 + 290 x 2	220 + 290 x 2
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28	41.28
Connections	Gas Pipe [Φ, inch]	15/8"	1 5/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	69.0	69.0	69.0
Journa	Sound Power [dB(A)]	90.0	91.0	92.0
	Net Weight [kg]	184.5 + 276.0 + 298.0	184.5 + 298.0 x 2	184.5 + 298.0 x 2
External Dimension	Shipping Weight [kg]	200.5 + 295.0 + 317.0	200.5 + 317.0 x 2	200.5 + 317.0 x 2
	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

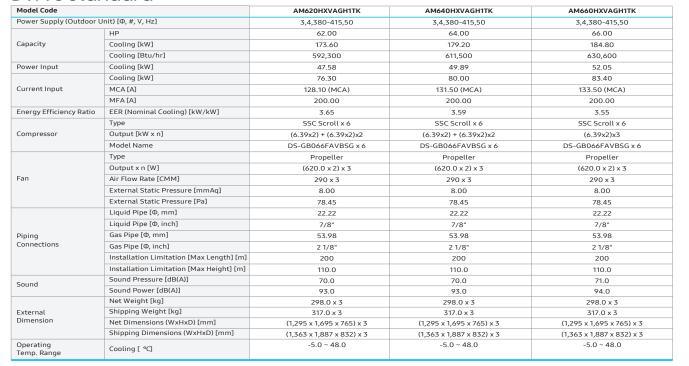






Model Code		AM560HXVAGH1TK	AM580HXVAGH1TK	AM600HXVAGH1TK
Power Supply (Outdoor L	Init) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	56.00	58.00	60.00
Capacity	Cooling [kW]	156.80	163.20	168.20
	Cooling [Btu/hr]	535,000	556,900	573,900
Power Input	Cooling [kW]	43.10	43.60	45.70
	Cooling [kW]	69.10	69.90	73.20
Current Input	MCA [A]	114.00 (MCA)	114.00 (MCA)	121.00 (MCA)
	MFA [A]	150.00	150.00	150.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.64	3.74	3.68
Compressor	Туре	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6
	Output [kW x n]	(6.39) + (6.39x2)x2	(6.39) + (6.39x2)x2	(4.96x2) + (6.39x2)x2
	Model Name	DS-GB066FAVBSG x 5	DS-GB066FAVBSG x 5	DS-GB052FAVASG x 2 + DS-GB066FAVBSG x 4
Fan	Туре	Propeller	Propeller	Propeller
	Output x n [W]	400.0 x 1 + (620.0 x 2) x 2	(620.0 x 2) x 3	(620.0 x 2) x 3
	Air Flow Rate [CMM]	220 + 290 x 2	255 + 290 x 2	255 + 290 x 2
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28	41.28
Connections	Gas Pipe [Φ, inch]	15/8"	15/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	70.0	70.0	70.0
304114	Sound Power [dB(A)]	92.0	92.0	93.0
	Net Weight [kg]	184.5 + 298.0 x 2	233.0 + 298.0 x 2	276.0 + 298.0 x 2
External	Shipping Weight [kg]	200.5 + 317.0 x 2	252.0 + 317.0 x 2	295.0 + 317.0 x 2
Dimension	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Standard



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1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit Pressure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

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DVM S Standard

Model Code		AM680HXVAGH1TK	AM700HXVAGH1TK	AM720HXVAGH1TK		
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50		
	HP	68.00	70.00	72.00		
Capacity	Cooling [kW]	190.40	196.80	201.80		
	Cooling [Btu/hr]	649,700	671,500	688,600		
Power Input	Cooling [kW]	51.50	52.00	54.10		
	Cooling [kW]	82.60	83.40	86.70		
Current Input	MCA [A]	139.00 (MCA)	139.00 (MCA)	146.00 (MCA)		
	MFA [A]	200.00	200.00	200.00		
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.70	3.78	3.73		
Compressor	Туре	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 7		
	Output [kW x n]	(6.39)x2 + (6.39x2)x2	(6.39) + (6.39) + (6.39x2)x2	(6.39) + (4.96x2) + (6.39x2)x2		
	Model Name	DS-GB066FAVBSG x 6	DS-GB066FAVBSG x 6	DS-GB066FAVBSG x 5 + DS- GB052FAVASG x 2		
	Туре	Propeller	Propeller	Propeller		
	Output x n [W]	(400.0 x 1) x 2 + (620.0 x 2) x 2	400.0 x 1 + (620.0 x 2) x 3	400.0 x 1 + (620.0 x 2) x 3		
Fan	Air Flow Rate [CMM]	220 x 2 + 290 x 2	220 + 255 + 290 x 2	220 + 255 + 290 x 2		
	External Static Pressure [mmAq]	8.00	8.00	8.00		
	External Static Pressure [Pa]	78.45	78.45	78.45		
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22		
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"		
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98		
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"		
	Installation Limitation [Max Length] [m]	200	200	200		
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0		
Sound	Sound Pressure [dB(A)]	70.0	70.0	71.0		
300110	Sound Power [dB(A)]	93.0	93.0	93.0		
	Net Weight [kg]	184.5 x 2 + 298.0 x 2	184.5 + 233.0 + 298.0 x 2	184.5 + 276.0 + 298.0 x 2		
External Dimension	Shipping Weight [kg]	200.5 x 2 + 317.0 x 2	200.5 + 252.0 + 317.0 x 2	200.5 + 295.0 + 317.0 x 2		
	Net Dimensions (WxHxD) [mm]	(880 x 1,695 x 765) x 2 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3		
	Shipping Dimensions (WxHxD) [mm]	(948 x 1,887 x 832) x 2 + (1,363 x 1,887 x 832) x 2	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 3	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 3		
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0		



DVM S Standard

Model Code		AM740HXVAGH1TK	AM760HXVAGH1TK	AM780HXVAGH1TK
Power Supply (Outdoor I	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	74.00	76.00	78.00
Capacity	Cooling [kW]	207.20	212.80	218.40
	Cooling [Btu/hr]	707,000	726,100	745,200
Power Input	Cooling [kW]	55.98	58.29	60.45
	Cooling [kW]	89.80	93.50	96.90
Current Input	MCA [A]	153.10 (MCA)	156.50 (MCA)	158.50 (MCA)
	MFA [A]	200.00	200.00	200.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.70	3.65	3.61
	Туре	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7
Compressor	Output [kW x n]	(6.39) + (6.39x2) + (6.39x2)x2	(6.39) + (6.39x2) + (6.39x2)x2	(6.39) + (6.39x2)x3
	Model Name	DS-GB066FAVBSG x 7	DS-GB066FAVBSG x 7	DS-GB066FAVBSG x 7
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	400.0 x 1 + (620.0 x 2) x 3	400.0 x 1 + (620.0 x 2) x 3	400.0 x 1 + (620.0 x 2) x 3
Fan	Air Flow Rate [CMM]	220 + 290 x 3	220 + 290 x 3	220 + 290 x 3
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	71.0	71.0	71.0
Sound	Sound Power [dB(A)]	93.0	93.0	94.0
External Dimension	Net Weight [kg]	184.5 + 298.0 x 3	184.5 + 298.0 x 3	184.5 + 298.0 x 3
	Shipping Weight [kg]	200.5 + 317.0 x 3	200.5 + 317.0 x 3	200.5 + 317.0 x 3
	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 3	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 3	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 3
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Standard

Model Code		AM800HXVAGH1TK
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50
	HP	80.00
Capacity	Cooling [kW]	224.80
	Cooling [Btu/hr]	767,000
Power Input	Cooling [kW]	60.95
	Cooling [kW]	97.70
Current Input	MCA [A]	158.50 (MCA)
	MFA [A]	200.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.69
	Туре	SSC Scroll x 7
Compressor	Output [kW x n]	(6.39) + (6.39x2)x3
	Model Name	DS-GB066FAVBSG x 7
	Туре	Propeller
	Output x n [W]	(620.0 x 2) x 4
Fan	Air Flow Rate [CMM]	255 + 290 × 3
	External Static Pressure [mmAq]	8.00
	External Static Pressure [Pa]	78.45
	Liquid Pipe [Φ, mm]	22.22
	Liquid Pipe [Φ, inch]	7/8"
Piping	Gas Pipe [Φ, mm]	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"
	Installation Limitation [Max Length] [m]	200
	Installation Limitation [Max Height] [m]	110.0
Sound	Sound Pressure [dB(A)]	71.0
Sound	Sound Power [dB(A)]	94.0
	Net Weight [kg]	233.0 + 298.0 x 3
External	Shipping Weight [kg]	252.0 + 317.0 x 3
Dimension	Net Dimensions (WxHxD) [mm]	(1,295 × 1,695 × 765) × 4
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 4
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0

DVM S Compact

Model Code		AM360HXVAGH2TK	AM380HXVAGH2TK
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50
	HP	36.00	38.00
Capacity	Cooling [kW]	100.80	106.40
	Cooling [Btu/hr]	343,900	363,100
Power Input	Cooling [kW]	25.50	27.70
	Cooling [kW]	40.33	43.78
Current Input	MCA [A]	80.00 (MCA)	83.00 (MCA)
	MFA [A]	90.00	100.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.95	3.84
	Туре	SSC Scroll x 3	SSC Scroll x 3
Compressor	Output [kW x n]	(6.39) + (6.39x2)	(6.39) + (6.76x2)
	Model Name	DS-GB066FAVBSG x 3	DS-GB066FAVBSG x 1 + DS-GB070FAVASG x
	Туре	Propeller	2 Propeller
	Output x n [W]	400.0 x 1 + 620.0 x 2	400.0 x 1 + 620.0 x 2
Fan	Air Flow Rate [CMM]	220 + 310	220 + 310
	External Static Pressure [mmAq]	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28
Connections	Gas Pipe [Φ, inch]	15/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0
Sound	Sound Pressure [dB(A)]	68.0	68.0
554.15	Sound Power [dB(A)]	91.0	91.0
	Net Weight [kg]	184.5 + 356.0	184.5 + 356.0
External	Shipping Weight [kg]	200.5 + 371.0	200.5 + 371.0
Dimension	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832 + 1,363 x 1,887 x 832	948 x 1,887 x 832 + 1,363 x 1,887 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0

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1) Nominal cooling capacities are based on: indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

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DVM S Compact

DVM S Compact

Model Code		AM460HXVAGH2TK	AM480HXVAGH2TK	AM500HXVAGH2TK
Power Supply (Outdoor L	Init) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	46.00	48.00	50.00
Capacity	Cooling [kW]	128.80	134.40	140.00
	Cooling [Btu/hr]	439,500	458,600	477,700
Power Input	Cooling [kW]	34.49	36.65	36.40
	Cooling [kW]	54.68	58.08	57.11
Current Input	MCA [A]	100.50 (MCA)	102.50 (MCA)	113.00 (MCA)
	MFA [A]	125.00	125.00	125.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.73	3.67	3.85
	Туре	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
Compressor	Output [kW x n]	(6.39x2) + (6.76x2)	(6.39x2) + (6.76x2)	(6.39x2) + (6.76x2)
	Model Name	DS-GB066FAVBSG x 2 + DS- GB070FAVASG x 2	DS-GB066FAVBSG x 2 + DS- GB070FAVASG x 2	DS-GB066FAVBSG x 2 + DS-GB070FAVASG x 2
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2
Fan	Air Flow Rate [CMM]	290 + 310	290 + 310	310 x 2
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28	41.28
Connections	Gas Pipe [Φ, inch]	15/8"	15/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	69.0	70.0	70.0
Souria	Sound Power [dB(A)]	92.0	93.0	93.0
	Net Weight [kg]	298.0 + 356.0	298.0 + 356.0	356.0 x 2
External	Shipping Weight [kg]	317.0 + 371.0	317.0 + 371.0	371.0 x 2
Dimension	Net Dimensions (WxHxD) [mm]	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 2	(1,363 x 1,887 x 832) x 2	(1,363 x 1,887 x 832) x 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0





	•	pre-linear pre-linear		
Model Code		AM520HXVAGH2TK	AM580HXVAGH2TK	AM600HXVAGH2TK
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	52.00	58.00	60.00
Capacity	Cooling [kW]	145.60	162.40	168.00
	Cooling [Btu/hr]	496,800	554,100	573,200
Power Input	Cooling [kW]	38.60	42.89	45.05
	Cooling [kW]	60.56	68.18	71.58
Current Input	MCA [A]	116.00 (MCA)	125.50 (MCA)	127.50 (MCA)
	MFA [A]	150.00	150.00	150.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.77	3.79	3.73
	Туре	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5
Compressor	Output [kW x n]	(6.76x2)x2	(6.39) + (6.39x2) + (6.76x2)	(6.39) + (6.39x2) + (6.76x2)
	Model Name	DS-GB070FAVASG x 4	DS-GB066FAVBSG x 3 + DS-GB070FAVASG x 2	DS-GB066FAVBSG x 3 + DS-GB070FAVASG x 2
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 2	400.0 x 1 + (620.0 x 2) x 2	400.0 x 1 + (620.0 x 2) x 2
Fan	Air Flow Rate [CMM]	310 x 2	220 + 290 + 310	220 + 290 + 310
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28	41.28
Connections	Gas Pipe [Φ, inch]	15/8"	15/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	70.0	70.0	70.0
Souria	Sound Power [dB(A)]	93.0	93.0	93.0
External Dimension	Net Weight [kg]	356.0 x 2	184.5 + 298.0 + 356.0	184.5 + 298.0 + 356.0
	Shipping Weight [kg]	371.0 x 2	200.5 + 317.0 + 371.0	200.5 + 317.0 + 371.0
	Net Dimensions (WxHxD) [mm]	(1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 2	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.

1) Nominal cooling capacities are based on: indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit Pressure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.







Model Code		AM620HXVAGH2TK	AM640HXVAGH2TK	AM680HXVAGH2TK
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	62.00	64.00	68.00
Capacity	Cooling [kW]	173.60	179.20	190.40
	Cooling [Btu/hr]	592,300	611,500	649,700
Power Input	Cooling [kW]	44.80	47.00	51.80
	Cooling [kW]	70.61	74.06	82.43
Current Input	MCA [A]	138.00 (MCA)	141.00 (MCA)	144.00 (MCA)
	MFA [A]	175.00	175.00	175.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.88	3.81	3.68
	Туре	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6
Compressor	Output [kW x n]	(6.39) + (6.39x2) + (6.76x2)	(6.39) + (6.76x2)x2	(6.39x2)x2 + (6.39x2)
	Model Name	DS-GB066FAVBSG x 3 + DS-GB070FAVASG x 2	DS-GB066FAVBSG x 1 + DS-GB070FAVASG x 4	DS-GB066FAVBSG x 6
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	400.0 x 1 + (620.0 x 2) x 2	400.0 x 1 + (620.0 x 2) x 2	(620.0 x 2) x 3
Fan	Air Flow Rate [CMM]	220 + 310 x 2	220 + 310 x 2	290 x 2 + 310
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	71.0	71.0	71.0
5000	Sound Power [dB(A)]	94.0	94.0	95.0
External	Net Weight [kg]	184.5 + 356.0 x 2	184.5 + 356.0 x 2	298.0 x 2 + 356.0
	Shipping Weight [kg]	200.5 + 371.0 x 2	200.5 + 371.0 x 2	317.0 x 2 + 371.0
Dimension	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2	(1,363 x 1,887 x 832) x 3
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Compact



Model Code		AM700HXVAGH2TK	AM720HXVAGH2TK	AM740HXVAGH2TK
Power Supply (Outdoor U	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	70.00	72.00	74.00
Capacity	Cooling [kW]	196.00	201.60	207.20
	Cooling [Btu/hr]	668,800	687,900	707,000
Power Input	Cooling [kW]	54.00	53.75	55.95
	Cooling [kW]	85.88	84.91	88.36
Current Input	MCA [A]	147.00 (MCA)	157.50 (MCA)	160.50 (MCA)
	MFA [A]	175.00	175.00	200.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.63	3.75	3.70
	Туре	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
Compressor	Output [kW x n]	(6.39x2)x2 + (6.76x2)	(6.39x2) + (6.39x2) + (6.76x2)	(6.39x2) + (6.76x2)x2
	Model Name	DS-GB066FAVBSG x 4 + DS-GB070FAVASG x 2	DS-GB066FAVBSG x 4 + DS- GB070FAVASG x 2	DS-GB066FAVBSG x 2 + DS-GB070FAVASG x 4
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3
Fan	Air Flow Rate [CMM]	290 x 2 + 310	290 + 310 x 2	290 + 310 x 2
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	71.0	71.0	71.0
Journa	Sound Power [dB(A)]	95.0	95.0	95.0
	Net Weight [kg]	298.0 x 2 + 356.0	298.0 + 356.0 x 2	298.0 + 356.0 x 2
External	Shipping Weight [kg]	317.0 x 2 + 371.0	317.0 + 371.0 x 2	317.0 + 371.0 x 2
Dimension	Net Dimensions (WxHxD) [mm]	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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1) Nominal cooling capacities are based on: Indoor temperature: 27° CDB, 19° CWB / Outdoor temperature: 35° CDB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit: Psessure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.





DVM S Compact

Model Code		AM760HXVAGH2TK	AM780HXVAGH2TK
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50
	HP	76.00	78.00
Capacity	Cooling [kW]	212.80	218.40
	Cooling [Btu/hr]	726,100	745,200
Power Input	Cooling [kW]	55.70	57.90
	Cooling [kW]	87.39	90.84
Current Input	MCA [A]	171.00 (MCA)	174.00 (MCA)
	MFA [A]	200.00	200.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.82	3.77
	Туре	SSC Scroll x 6	SSC Scroll x 6
Compressor	Output [kW x n]	(6.39x2) + (6.76x2)x2	(6.76x2)x3
	Model Name	DS-GB066FAVBSG x 2 + DS-GB070FAVASG x 4	DS-GB070FAVASG x 6
	Туре	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 3	(620.0 x 2) x 3
an	Air Flow Rate [CMM]	310 x 3	310 x 3
	External Static Pressure [mmAq]	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0
Sound	Sound Pressure [dB(A)]	72.0	72.0
Souria	Sound Power [dB(A)]	96.0	96.0
	Net Weight [kg]	356.0 x 3	356.0 x 3
External Dimension	Shipping Weight [kg]	371.0 x 3	371.0 x 3
	Net Dimensions (WxHxD) [mm]	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Cooling Only

Model Code		AM080MXVAGC/TS	AM100MXVAGC/TS	AM120MXVAGC/TS
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	8.00	10.00	12.00
Capacity	Cooling [kW]	22.40	28.00	33.60
	Cooling [Btu/hr]	76,400	95,500	114,600
Power Input	Cooling [kW]	4.98	6.36	8.62
	Cooling [kW]	8.00	10.20	13.80
Current Input	MCA [A]	18.00 (MCA)	22.80 (MCA)	25.00 (MCA)
	MFA [A]	25.00	32.00	32.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	4.50	4.40	3.90
	Туре	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1
Compressor	Output [kW x n]	(5.18)	(5.18)	(6.39)
	Model Name	DS-GB052FAVB x 1	DS-GB052FAVB x 1	DS-GB066FAVB x 1
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	830.0 x 1	830.0 x 1	830.0 x 1
Fan	Air Flow Rate [CMM]	170	170	220
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	9.52	9.52	12.70
	Liquid Pipe [Φ, inch]	3/8"	3/8"	1/2"
Piping	Gas Pipe [Φ, mm]	19.05	22.22	28.58
Connections	Gas Pipe [Φ, inch]	3/4"	7/8"	1 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	57.0	61.0	62.0
Sound	Sound Power [dB(A)]	77.0	80.0	81.0
	Net Weight [kg]	185.0	185.0	190.0
External Dimension	Shipping Weight [kg]	197.0	197.0	202.0
	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765	880 x 1,695 x 765	880 x 1,695 x 765
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832	948 x 1,887 x 832	948 x 1,887 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.

1) Nominal cooling capacities are based on: indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit Pressure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

DVM S Cooling Only

Model Code		AM140MXVAGC/TS	AM160MXVAGC/TS	AM180MXVAGC/TS
Power Supply (Outdoor L	Init) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	14.00	16.00	18.00
Capacity	Cooling [kW]	40.00	45.00	50.40
	Cooling [Btu/hr]	136,500	153,500	172,000
Power Input	Cooling [kW]	10.08	12.10	14.20
	Cooling [kW]	16.20	19.40	22.80
Current Input	MCA [A]	25.00 (MCA)	32.00 (MCA)	39.10 (MCA)
	MFA [A]	32.00	40.00	50.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.97	3.72	3.55
	Туре	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1
Compressor	Output [kW x n]	(6.39)	(7.81)	(7.81)
	Model Name	DS-GB066FAVB x 1	DS4GJ5080FVA x 1	DS4GJ5080FVA x 1
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	620.0 x 2	620.0 x 2	620.0 x 2
Fan	Air Flow Rate [CMM]	255	255	290
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	12.70	12.70	15.88
	Liquid Pipe [Φ, inch]	1/2"	1/2"	5/8"
Piping	Gas Pipe [Φ, mm]	28.58	28.58	28.58
Connections	Gas Pipe [Φ, inch]	1 1/8"	1 1/8"	1 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	61.0	63.0	64.0
300110	Sound Power [dB(A)]	81.0	83.0	84.0
	Net Weight [kg]	225.0	252.0	252.0
External	Shipping Weight [kg]	244.0	271.0	271.0
Dimension	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD) [mm]	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Cooling Only

Model Code		AM200MXVAGC/TS	AM220MXVAGC/TS	AM240MXVAGC/TS
Power Supply (Outdoor l	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	20.00	22.00	24.00
Capacity	Cooling [kW]	56.00	61.60	67.20
	Cooling [Btu/hr]	191,100	210,200	229,300
Power Input	Cooling [kW]	16.62	19.68	17.87
	Cooling [kW]	26.60	31.60	28.70
Current Input	MCA [A]	42.00 (MCA)	44.50 (MCA)	44.50 (MCA)
	MFA [A]	63.00	63.00	63.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.37	3.13	3.76
	Туре	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
Compressor	Output [kW x n]	(5.18x2)	(5.18x2)	(6.39x2)
	Model Name	DS-GB052FAVB x 2	DS-GB052FAVB x 2	DS-GB066FAVB x 2
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	620.0 x 2	620.0 x 2	620.0 x 2
Fan	Air Flow Rate [CMM]	290	290	320
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	15.88	15.88	15.88
	Liquid Pipe [Φ, inch]	5/8"	5/8"	5/8"
Piping	Gas Pipe [Φ, mm]	28.58	28.58	34.92
Connections	Gas Pipe [Φ, inch]	1 1/8"	1 1/8"	1 3/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	65.0	65.0	67.0
Sound	Sound Power [dB(A)]	87.0	89.0	89.0
External Dimension	Net Weight [kg]	280.0	280.0	322.0
	Shipping Weight [kg]	299.0	299.0	344.0
	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,795 x 765
	Shipping Dimensions (WxHxD) [mm]	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,987 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0







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1) Nominal cooling capacities are based on: Indoor temperature: 27° CDB, 19° CWB / Outdoor temperature: 35° CDB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit: Psessure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.





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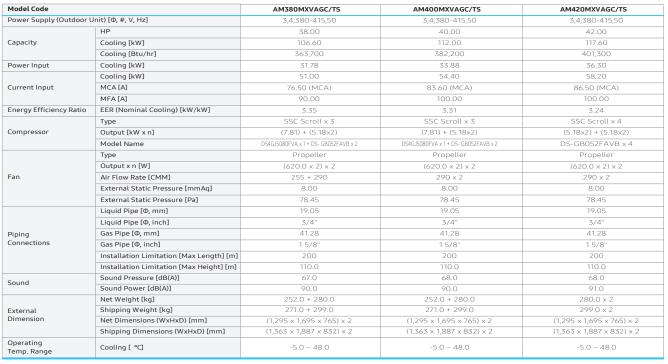
Model Code		AM260MXVAGC/TS	AM280MXVAGC/TS	AM300MXVAGC/TS
Power Supply (Outdoor l	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	26.00	28.00	30.00
Capacity	Cooling [kW]	72.80	78.60	84.00
	Cooling [Btu/hr]	248,400	268,200	286,600
Power Input	Cooling [kW]	21.41	23.39	26.33
	Cooling [kW]	34.30	37.50	42.20
Current Input	MCA [A]	60.00 (MCA)	65.00 (MCA)	65.00 (MCA)
	MFA [A]	75.00	75.00	75.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.40	3.36	3.19
	Туре	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
Compressor	Output [kW x n]	(6.39x2)	(6.76x2)	(7.81x2)
	Model Name	DS-GB066FAVB x 2	DS-GB070FAVA x 2	DS4GJ5080FVA x 2
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	620.0 x 2	620.0 x 2	620.0 x 2
an	Air Flow Rate [CMM]	320	340	340
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	34.92	34.92	34.92
Connections	Gas Pipe [Φ, inch]	1 3/8"	1 3/8"	1 3/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	67.0	69.0	69.0
souna	Sound Power [dB(A)]	89.0	90.0	90.0
	Net Weight [kg]	330.0	335.0	342.0
External	Shipping Weight [kg]	352.0	357.0	364.0
Dimension	Net Dimensions (WxHxD) [mm]	1,295 x 1,795 x 765	1,295 x 1,795 x 765	1,295 x 1,795 x 765
	Shipping Dimensions (WxHxD) [mm]	1,363 x 1,987 x 832	1,363 x 1,987 x 832	1,363 x 1,987 x 832
Operating Femp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0



DVM S Cooling Only

Model Code		AM320MXVAGC/TS	AM340MXVAGC/TS	AM360MXVAGC/TS
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Capacity	HP	32.00	34.00	36.00
	Cooling [kW]	89.60	95.20	101.60
	Cooling [Btu/hr]	305,700	324,800	346,700
Power Input	Cooling [kW]	26.04	28.30	29.76
	Cooling [kW]	41.80	45.40	47.80
Current Input	MCA [A]	67.30 (MCA)	69.50 (MCA)	69.50 (MCA)
	MFA [A]	75.00	80.00	80.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.44	3.36	3.41
	Туре	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll × 3
Compressor	Output [kW x n]	(5.18) + (5.18×2)	(6.39) + (5.18×2)	(6.39) + (5.18×2)
	Model Name	DS-GB052FAVB x 3	DS-GB066FAVB x 1 + DS-GB052FAVB x 2	DS-GB066FAVB x 1 + DS-GB052FAVB x 2
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	(620.0 × 2) × 2
Fan	Air Flow Rate [CMM]	170 + 290	220 + 290	255 + 290
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	34.92	34.92	41.28
Connections	Gas Pipe [Φ, inch]	1 3/8"	1 3/8"	1 5/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	66.0	67.0	66.0
Journa	Sound Power [dB(A)]	89.0	90.0	90.0
	Net Weight [kg]	185.0 + 280.0	190.0 + 280.0	225.0 + 280.0
External	Shipping Weight [kg]	197.0 + 299.0	202.0 + 299.0	244.0 + 299.0
Dimension	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	(1,295 × 1,695 × 765) × 2
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832 + 1,363 x 1,887 x 832	948 x 1,887 x 832 + 1,363 x 1,887 x 832	(1,363 × 1,887 × 832) × 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Cooling Only



DVM S Cooling Only

Model Code		AM440MXVAGC/TS	AM460MXVAGC/TS	AM480MXVAGC/TS
Power Supply (Outdoor L	Init) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	44.00	46.00	48.00
Capacity	Cooling [kW]	123.20	129.00	134.40
	Cooling [Btu/hr]	420,400	440,200	458,600
Power Input	Cooling [kW]	39.36	38.43	40.53
	Cooling [kW]	63.20	61.60	65.00
Current Input	MCA [A]	89.00 (MCA)	97.00 (MCA)	104.10 (MCA)
	MFA [A]	100.00	125.00	125.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.13	3.36	3.32
	Туре	SSC Scroll x 4	SSC Scroll x 3	SSC Scroll x 3
Compressor	Output [kW x n]	(5.18×2)×2	(7.81) + (7.81x2)	(7.81) + (7.81x2)
	Model Name	DS-GB052FAVB x 4	DS4GJ5080FVA x 3	DS4GJ5080FVA x 3
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2
Fan	Air Flow Rate [CMM]	290 x 2	255 + 340	290 + 340
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28	41.28
Connections	Gas Pipe [Φ, inch]	1 5/8"	15/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	68.0	70.0	70.0
Souria	Sound Power [dB(A)]	92.0	91.0	91.0
	Net Weight [kg]	280.0 x 2	252.0 + 342.0	252.0 + 342.0
External Dimension	Shipping Weight [kg]	299.0 x 2	271.0 + 364.0	271.0 + 364.0
	Net Dimensions (WxHxD) [mm]	(1,295 x 1,695 x 765) x 2	1,295 x 1,695 x 765 + 1,295 x 1,795 x 765	1,295 x 1,695 x 765 + 1,295 x 1,795 x 765
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 2	1,363 x 1,887 x 832 + 1,363 x 1,987 x 832	1,363 x 1,887 x 832 + 1,363 x 1,987 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

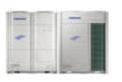


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* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.
2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.
3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)
*PDM kit Pressure Drop Modulation kit
4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

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* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
1) Nominal cooling capacities are based on: Indoor temperature: 27° CDB, 19° CWB / Outdoor temperature: 35° CDB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.
2) Sound level was acquired in an anehonic room. Thus actual noise level amy be different depending on the installation conditions.
3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)
*PDM kit: Psessure Drop Modulation kit
4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.







DVM S Cooling Only

Model Code		AM500MXVAGC/TS	AM520MXVAGC/TS	AM540MXVAGC/TS
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Capacity	HP	50.00	52.00	54.00
	Cooling [kW]	140.00	145.60	151.20
	Cooling [Btu/hr]	477,700	496,800	515,900
Power Input	Cooling [kW]	42.95	46.01	44.20
	Cooling [kW]	68.80	73.80	70.90
Current Input	MCA [A]	107.00 (MCA)	109.50 (MCA)	109.50 (MCA)
	MFA [A]	125.00	125.00	125.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.26	3.16	3.42
	Туре	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
Compressor	Output [kW x n]	(5.18x2) + (7.81x2)	(5.18x2) + (7.81x2)	(6.39x2) + (7.81x2)
	Model Name	DS-GB052FAVB x 2 + DS4GJ5080FVA x 2	DS-GB052FAVB x 2 + DS4GJ5080FVA x 2	DS-GB066FAVB x 2 + DS4GJ5080FVA x 2
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2
Fan	Air Flow Rate [CMM]	290 + 340	290 + 340	320 + 340
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28	41.28
Connections	Gas Pipe [Φ, inch]	15/8"	15/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	70.0	70.0	71.0
Souria	Sound Power [dB(A)]	92.0	93.0	93.0
	Net Weight [kg]	280.0 + 342.0	280.0 + 342.0	322.0 + 342.0
External Dimension	Shipping Weight [kg]	299.0 + 364.0	299.0 + 364.0	344.0 + 364.0
	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765 + 1,295 x 1,795 x 765	1,295 x 1,695 x 765 + 1,295 x 1,795 x 765	(1,295 x 1,795 x 765) x 2
	Shipping Dimensions (WxHxD) [mm]	1,363 x 1,887 x 832 + 1,363 x 1,987 x 832	1,363 x 1,887 x 832 + 1,363 x 1,987 x 832	(1,363 x 1,987 x 832) x 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0



DVM S Cooling Only

Model Code		AM560MXVAGC/TS	AM580MXVAGC/TS	AM600MXVAGC/TS
Power Supply (Outdoor l	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Capacity	HP	56.00	58.00	60.00
	Cooling [kW]	156.80	162.60	168.00
	Cooling [Btu/hr]	535,000	554,800	573,200
Power Input	Cooling [kW]	47.74	49.72	52.66
	Cooling [kW]	76.50	79.70	84.40
Current Input	MCA [A]	125.00 (MCA)	130.00 (MCA)	130.00 (MCA)
	MFA [A]	150.00	150.00	150.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.28	3.27	3.19
	Туре	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
Compressor	Output [kW x n]	(6.39x2) + (7.81x2)	(6.76x2) + (7.81x2)	(7.81x2)x2
	Model Name	DS-GB066FAVB x 2 + DS4GJ5080FVA x 2	DS-GB070FAVA x 2 + DS4GJ5080FVA x 2	DS4GJ5080FVA x 4
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2
Fan	Air Flow Rate [CMM]	320 + 340	340 x 2	340 x 2
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	19.05	19.05	19.05
	Liquid Pipe [Φ, inch]	3/4"	3/4"	3/4"
Piping	Gas Pipe [Φ, mm]	41.28	41.28	41.28
Connections	Gas Pipe [Φ, inch]	1 5/8"	15/8"	15/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	71.0	72.0	72.0
Souria	Sound Power [dB(A)]	93.0	93.0	93.0
External	Net Weight [kg]	330.0 + 342.0	335.0 + 342.0	342.0 x 2
	Shipping Weight [kg]	352.0 + 364.0	357.0 + 364.0	364.0 x 2
Dimension	Net Dimensions (WxHxD) [mm]	(1,295 x 1,795 x 765) x 2	(1,295 x 1,795 x 765) x 2	(1,295 x 1,795 x 765) x 2
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,987 x 832) x 2	(1,363 x 1,987 x 832) x 2	(1,363 x 1,987 x 832) x 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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DVM S Cooling Only

Model Code		AM620MXVAGC/TS	AM640MXVAGC/TS	AM660MXVAGC/TS
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	62.00	64.00	66.00
Capacity	Cooling [kW]	173.60	179.20	185.60
	Cooling [Btu/hr]	592,300	611,500	633,300
Power Input	Cooling [kW]	52.37	54.63	56.09
	Cooling [kW]	84.00	87.60	90.00
Current Input	MCA [A]	132.30 (MCA)	134.50 (MCA)	134.50 (MCA)
	MFA [A]	150.00	150.00	150.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.31	3.28	3.31
	Туре	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5
Compressor	Output [kW x n]	(5.18) + (5.18x2) + (7.81x2)	(6.39) + (5.18x2) + (7.81x2)	(6.39) + (5.18x2) + (7.81x2)
	Model Name	DS-GB052FAVB x 3 +DS4GJ5080FVA x 2	DS-GB066FAVB x 1 + DS- GB052FAVB x 2 +	DS-GB066FAVB x 1 + DS-GB052FAVB x 2 +
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	830.0 x 1 + (620.0 x 2) x 2	830.0 x 1 + (620.0 x 2) x 2	(620.0 x 2) x 3
Fan	Air Flow Rate [CMM]	170 + 290 + 340	220 + 290 + 340	255 + 290 + 340
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	71.0	71.0	71.0
Sound	Sound Power [dB(A)]	93.0	93.0	93.0
	Net Weight [kg]	185.0 + 280.0 + 342.0	190.0 + 280.0 + 342.0	225.0 + 280.0 + 342.0
External	Shipping Weight [kg]	197.0 + 299.0 + 364.0	202.0 + 299.0 + 364.0	244.0 + 299.0 + 364.0
Dimension	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765 + 1,295 x 1,695 x 765 + 1,295 x 1,795 x	880 x 1,695 x 765 + 1,295 x 1,695 x 765 + 1,295 x 1,795 x	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765
	Shipping Dimensions (WxHxD) [mm]	948 x 1,887 x 832 + 1,363 x 1,887 x 832 + 1,363 x 1,987 x	948 x 1,887 x 832 + 1,363 x 1,887 x 832 + 1,363 x 1,987 x	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Cooling Only

Model Code		AM680MXVAGC/TS	AM700MXVAGC/TS	AM720MXVAGC/TS
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	68.00	70.00	72.00
Capacity	Cooling [kW]	190.60	196.00	201.60
	Cooling [Btu/hr]	650,400	668,800	687,900
Power Input	Cooling [kW]	58.11	60.21	62.63
	Cooling [kW]	93.20	96.60	100.40
Current Input	MCA [A]	141.50 (MCA)	148.60 (MCA)	151.50 (MCA)
	MFA [A]	175.00	175.00	175.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.28	3.26	3.22
	Туре	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6
Compressor	Output [kW x n]	(7.81) + (5.18x2) + (7.81x2)	(7.81) + (5.18x2) + (7.81x2)	(5.18x2) + (5.18x2) + (7.81x2)
	Model Name	DS4GJ5080FVA x 3 + DS- GB052FAVB x 2	DS4GJ5080FVA x 3 + DS-GB052FAVB x 2	DS-GB052FAVB x 4 + DS4GJ5080FVA x 2
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3
Fan	Air Flow Rate [CMM]	255 + 290 + 340	290 x 2 + 340	290 x 2 + 340
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	71.0	71.0	72.0
Sound	Sound Power [dB(A)]	93.0	93.0	94.0
	Net Weight [kg]	252.0 + 280.0 + 342.0	252.0 + 280.0 + 342.0	280.0 x 2 + 342.0
External	Shipping Weight [kg]	271.0 + 299.0 + 364.0	271.0 + 299.0 + 364.0	299.0 x 2 + 364.0
Dimension	Net Dimensions (WxHxD) [mm]	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 2 +1,363 x 1,987 x 832	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0



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*If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.

1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit Pressure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

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* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.
2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.
3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)
*PDM kit Pressure Drop Modulation kit
4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.







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Model Code		AM740MXVAGC/TS	AM760MXVAGC/TS	AM780MXVAGC/TS
Power Supply (Outdoor I	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Capacity	HP	74.00	76.00	78.00
	Cooling [kW]	207.20	212.80	218.40
	Cooling [Btu/hr]	707,000	726,100	745,200
Power Input	Cooling [kW]	65.69	63.88	67.42
	Cooling [kW]	105.40	102.50	108.10
Current Input	MCA [A]	154.00 (MCA)	154.00 (MCA)	169.50 (MCA)
	MFA [A]	175.00	175.00	200.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.15	3.33	3.24
	Туре	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
Compressor	Output [kW x n]	(5.18x2)x2 + (7.81x2)	(5.18x2) + (6.39x2) + (7.81x2)	(5.18x2) + (6.39x2) + (7.81x2)
	Model Name	DS-GB052FAVB x 4 + DS4GJ5080FVA x 2	DS-GB052FAVB x 2 + DS-GB066FAVB x 2 + DS4GJ5080FVA x 2	DS-GB052FAVB x 2 + DS-GB066FAVB x 2 + DS4GJ5080FVA x 2
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3
Fan	Air Flow Rate [CMM]	290 x 2 + 340	290 + 320 + 340	290 + 320 + 340
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	72.0	72.0	72.0
Sound	Sound Power [dB(A)]	94.0	94.0	94.0
	Net Weight [kg]	280.0 x 2 + 342.0	280.0 + 322.0 + 342.0	280.0 + 330.0 + 342.0
External Dimension	Shipping Weight [kg]	299.0 x 2 + 364.0	299.0 + 344.0 + 364.0	299.0 + 352.0 + 364.0
	Net Dimensions (WxHxD) [mm]	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	1,295 x 1,695 x 765 + (1,295 x 1,795 x 765) x 2	1,295 x 1,695 x 765 + (1,295 x 1,795 x 765) x 2
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832	1,363 x 1,887 x 832 + (1,363 x 1,987 x 832) x 2	1,363 x 1,887 x 832 + (1,363 x 1,987 x 832) x 2
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0





DVM S Cooling Only

Model Code		AM800MXVAGC/TS	AM820MXVAGC/TS	AM840MXVAGC/TS
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	80.00	82.00	84.00
Capacity	Cooling [kW]	224.20	229.60	235.20
	Cooling [Btu/hr]	765,000	783,400	802,500
Power Input	Cooling [kW]	69.40	72.34	70.53
	Cooling [kW]	111.30	116.00	113.10
Current Input	MCA [A]	174.50 (MCA)	174.50 (MCA)	174.50 (MCA)
	MFA [A]	200.00	200.00	200.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.23	3.17	3.33
	Туре	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
Compressor	Output [kW x n]	(5.18x2) + (6.76x2) + (7.81x2)	(5.18x2) + (7.81x2)x2	(6.39x2) + (7.81x2)x2
	Model Name	DS-GB052FAVB x 2 + DS-GB070FAVA x 2 + DS4GJ5080FVA x 2	DS-GB052FAVB x 2 + DS4GJ5080FVA x 4	DS-GB066FAVB x 2 + DS4GJ5080FVA x 4
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3
Fan	Air Flow Rate [CMM]	290 + 340 x 2	290 + 340 x 2	320 + 340 x 2
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	73.0	73.0	73.0
Souria	Sound Power [dB(A)]	94.0	94.0	94.0
External Dimension	Net Weight [kg]	280.0 + 335.0 + 342.0	280.0 + 342.0 x 2	322.0 + 342.0 x 2
	Shipping Weight [kg]	299.0 + 357.0 + 364.0	299.0 + 364.0 x 2	344.0 + 364.0 x 2
	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765 + (1,295 x 1,795 x 765) x 2	1,295 x 1,695 x 765 + (1,295 x 1,795 x 765) x 2	(1,295 x 1,795 x 765) x 3
	Shipping Dimensions (WxHxD) [mm]	1,363 x 1,887 x 832 + (1,363 x 1,987 x 832) x 2	1,363 x 1,887 x 832 + (1,363 x 1,987 x 832) x 2	(1,363 x 1,987 x 832) x 3
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

DVM S Cooling Only



Model Code		AM860MXVAGC/TS	AM880MXVAGC/TS	AM900MXVAGC/TS
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	86.00	88.00	90.00
Capacity	Cooling [kW]	240.80	246.60	252.00
	Cooling [Btu/hr]	821,600	841,400	859,900
Power Input	Cooling [kW]	74.07	76.05	78.99
	Cooling [kW]	118.70	121.90	126.60
Current Input	MCA [A]	190.00 (MCA)	195.00 (MCA)	195.00 (MCA)
	MFA [A]	225.00	225.00	225.00
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.25	3.24	3.19
	Туре	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
Compressor	Output [kW x n]	(6.39x2) + (7.81x2)x2	(6.76x2) + (7.81x2)x2	(7.81x2)x3
	Model Name	DS-GB066FAVB x 2 + DS4GJ5080FVA x 4	DS-GB070FAVA x 2 + DS4GJ5080FVA x 4	DS4GJ5080FVA x 6
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3
Fan	Air Flow Rate [CMM]	320 + 340 x 2	340 x 3	340 x 3
	External Static Pressure [mmAq]	8.00	8.00	8.00
	External Static Pressure [Pa]	78.45	78.45	78.45
	Liquid Pipe [Φ, mm]	22.22	22.22	22.22
	Liquid Pipe [Φ, inch]	7/8"	7/8"	7/8"
Piping	Gas Pipe [Φ, mm]	53.98	53.98	53.98
Connections	Gas Pipe [Φ, inch]	2 1/8"	2 1/8"	2 1/8"
	Installation Limitation [Max Length] [m]	200	200	200
	Installation Limitation [Max Height] [m]	110.0	110.0	110.0
Sound	Sound Pressure [dB(A)]	73.0	74.0	74.0
300110	Sound Power [dB(A)]	94.0	95.0	95.0
	Net Weight [kg]	330.0 + 342.0 x 2	335.0 + 342.0 x 2	342.0 x 3
External	Shipping Weight [kg]	352.0 + 364.0 x 2	357.0 + 364.0 x 2	364.0 x 3
Dimension	Net Dimensions (WxHxD) [mm]	(1,295 x 1,795 x 765) x 3	(1,295 x 1,795 x 765) x 3	(1,295 x 1,795 x 765) x 3
	Shipping Dimensions (WxHxD) [mm]	(1,363 x 1,987 x 832) x 3	(1,363 x 1,987 x 832) x 3	(1,363 x 1,987 x 832) x 3
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.

1) Nominal cooling capacities are based on: Indoor temperature: 27° CDB, 19° CWB / Outdoor temperature: 35° CDB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.

2) Sound level was acquired in an anehonic room. Thus actual noise level amy be different depending on the installation conditions.

3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)

*PDM kit Pressure Drop Modulation kit

4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

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1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB, Equivalent refrigerant piping: 7,5m, Level differences: 0m.
2) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.
3) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (if level difference is higher than 50m, make a decision simulating by PDM kit installation guide software (whether the PDM kit should be installed or not.)
*PDM kit: Pressure Drop Modulation kit
4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

DVM S (Heat Recovery)



DVM S (Heat Decovery)

Model Code		AM080FXVAGR/EU	AM100FXVAGR/EU	AM120FXVAGR/EU
Power Supply (Out	tdoor Unit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
System	Mode	Heat Recovery	Heat Recovery	Heat Recovery
,	HP	8	10	12
Capacity	Cooling [kW]	22.4	28	33.6
	Heating [kW]	25.2	31.5	37.8
Power Input	Cooling [kW]	5.0	6.8	8.4
(Nominal)	Heating [kW]	5.1	6.7	8.7
	Cooling [A]	8.0	10.9	13.5
	Heating [A]	8.2	10.7	14
Current Input	Minimum Ssc [MVA]	3.3	-	5.3
(Nominal)	MCA [A]	18.0	21.1	25.0
	MFA [A]	25.0	32.0	32.0
	EER (Nominal Cooling) [kW/kW]	4.48	4.12	4.00
Energy Efficiency	COP (Nominal Heating) [kW/kW]	4.94	4.70	4.34
Ratio	ESEER [W/W]	7.85	7.25	7.03
	Type	Fin & Tube	Fin & Tube	Fin & Tube
	Material Fin	Al	Al	Al
Heat Exchanger	Material Tube	Cu	Cu	Cu
	Fin Treatment	Anti-corrosion	Anti-corrosion	Anti-corrosion
	Output [kW x n]	5.18 x 1	6.39 x 1	6.39 x 1
Compressor	Model Name	DS-GB052FAV* x1	DS-GB066FAV* x1	DS-GB066FAV* x1
	Type	Propeller	Propeller	Propeller
	Air Flow Rate [m³/min]	173.00	173.00	210.00
Fan	External Static Pressure (Max) [mmAq]	8.00	8.00	8.00
	External Static Pressure (Max) [IIIIIAq]	78.45	78.45	78.45
	Liquid Pipe [Type]	Braze connection	Braze connection	Braze connection
		9.52 (3/8)	9.52 (3/8)	12.70 (1/2)
	Liquid Pipe [Ø, mm inch]			
Piping Connections	Gas Pipe [Type]	Braze connection	Braze connection	Braze connection
Connections	Gas Pipe [Ø, mm inch]	19.05 (3/4)	22.22 (7/8)	28.58 (1-1/8)
	High pressure Gas Pipe (HR Only) [Type]	Braze connection	Braze connection	Braze connection
	High pressure Gas Pipe (HR Only) [Ø, mm inch]	15.88 (5/8)	19.05 (3/4)	19.05 (3/4)
Sound	Pressure (Cooling) [dB(A)]	57	58	62
	Pressure (Heating) [dB(A)]	59	60	64
	Sound Power [dB(A)]	77	79	81
External Dimension		189.5	189.5	189.5
(Outdoor Unit)	Net Dimensions (WxHxD) [mm]	880 x 1,695 x 765	880 x 1,695 x 765	880 x 1,695 x 765
Operating	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
Temp. Range	Heating [°C]	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

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1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB

2) Nominal heating capacities are based on: Indoor temparature: 20° C DB, 15° C WB / Outdoor temperature: 7° C DB, 6° C WB





Model Code		AM140FXVAGR/EU	AM160FXVAGR/EU	AM180FXVAGR/EU
Power Supply (Out	tdoor Unit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
System	Mode	Heat Recovery	Heat Recovery	Heat Recovery
Capacity	HP	14	16	18
	Cooling [kW]	40	45	50.4
	Heating [kW]	45	50.4	56.7
Power Input	Cooling [kW]	8.9	11.0	12.9
(Nominal)	Heating [kW]	9.5	11.5	11.9
	Cooling [A]	14.3	17.6	20.7
	Heating [A]	15.2	18.4	19.1
Current Input (Nominal)	Minimum Ssc [MVA]	5.3	6.8	7.6
(Nonlinat)	MCA [A]	25.0	32.0	39.1
	MFA [A]	32.0	40.0	50.0
E	EER (Nominal Cooling) [kW/kW]	4.49	4.09	3.91
Energy Efficiency Ratio	COP (Nominal Heating) [kW/kW]	4.74	4.38	4.76
Ratio	ESEER [W/W]	7.02	6.78	6.59
Heat Exchanger	Type	Fin & Tube	Fin & Tube	Fin & Tube
	Material Fin	Al	Al	Al
	Material Tube	Cu	Cu	Cu
	Fin Treatment	Anti-corrosion	Anti-Corrosion	Anti-Corrosion
Compressor	Output [kW x n]	6.39 x 1	5.18 x 2	6.39 x 2
Compressor	Model Name	DS-GB066FAV* x1	DS-GB052FAV* x 2	DS-GB066FAV* x 2
	Туре	Propeller	Propeller	Propeller
Fan	Air Flow Rate [m³/min]	226.00	250.00	270.00
ган	External Static Pressure (Max) [mmAq]	8.00	8.00	8.00
	External Static Pressure (Max) [Pa]	78.45	78.45	78.45
Fan Motor	Туре	BLDC Motor	BLDC Motor	BLDC Motor
ו מוז וייוטנטו	Output [W x n]	620 x 2	620 x 2	620 x 2
	Liquid Pipe [Type]	Braze connection	Braze connection	Braze connection
	Liquid Pipe [Ø, mm inch]	12.70 (1/2)	12.70 (1/2)	15.88 (5/8)
Piping	Gas Pipe [Type]	Braze connection	Braze connection	Braze connection
Connections	Gas Pipe [Ø, mm inch]	28.58 (1-1/8)	28.58 (1-1/8)	28.58 (1-1/8)
	High pressure Gas Pipe (HR Only) [Type]	Braze connection	Braze connection	Braze connection
	High pressure Gas Pipe (HR Only) [Ø, mm inch]	22.22 (7/8)	22.22 (7/8)	22.22 (7/8)
	Pressure (Cooling) [dB(A)]	61	63	64
Sound	Pressure (Heating) [dB(A)]	63	65	66
	Sound Power [dB(A)]	81	83	86
External Dimension		239	282	304
(Outdoor Unit)	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765
Operating	Cooling [°C]	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
Temp. Range	Heating [°C]	- 25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0

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³⁾ Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.

⁴⁾ MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

¹⁾ Nominal cooling capacities are based on: Indoor temperature : 27° C DB, 190 C WB / Outdoor temperature : 35° C DB

²⁾ Nominal heating capacities are based on: Indoor temparature : 20° C DB, 15° C WB / Outdoor temperature : 7° C DB, 6° C WB

³⁾ Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.
4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

DVM S ECO

SPECIFICATION



DVM S (Heat Recovery)

Model Code		AM200FXVAGR/EU	AM220FXVAGR/EU
Power Supply (Ou	tdoor Unit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50
System	Mode	Heat Recovery	Heat Recovery
	HP	20	22
Capacity	Cooling [kW]	56	61.6
	Heating [kW]	63	69.3
Power Input	Cooling [kW]	15.2	17.4
(Nominal)	Heating [kW]	13.9	16.7
	Cooling [A]	24.4	27.8
	Heating [A]	22.3	26.8
Current Input (Nominal)	Minimum Ssc [MVA]	8.1	8.6
(INUITIIIIat)	MCA [A]	42.5	44.5
	MFA [A]	63.0	63.0
	EER (Nominal Cooling) [kW/kW]	3.69	3.55
Energy Efficiency Ratio	COP (Nominal Heating) [kW/kW]	4.53	4.15
Ratio	ESEER [W/W]	6.56	6.25
	Туре	Fin & Tube	Fin & Tube
Haat Errahaman	Material Fin	Al	Al
Heat Exchanger	Material Tube	Cu	Cu
	Fin Treatment	Anti-Corrosion	Anti-corrosion
C	Output [kW x n]	6.39 x 2	6.39 x 2
Compressor	Model Name	DS-GB066FAV* x 2	DS-GB066FAV* x 2
	Type	Propeller	Propeller
Гот	Air Flow Rate [m³/min]	2,75.0.0	280.00
Fan	External Static Pressure (Max) [mmAq]	8.00	8.00
	External Static Pressure (Max) [Pa]	78.45	78.45
Fam Matau	Type	BLDC Motor	BLDC Motor
Fan Motor	Output [W x n]	620 x 2	620 x 2
	Liquid Pipe [Type]	Braze connection	Braze connection
	Liquid Pipe [Ø, mm inch]	15.88 (5/8)	15.88 (5/8)
Piping	Gas Pipe [Type]	Braze connection	Braze connection
Connections	Gas Pipe [Ø, mm inch]	28.58 (1-1/8)	28.58 (1-1/8)
	High pressure Gas Pipe (HR Only) [Type]	Braze connection	Braze connection
	High pressure Gas Pipe (HR Only) [Ø, mm inch]	28.58 (1-1/8)	28.58 (1-1/8)
	Pressure (Cooling) [dB(A)]	65	66
	Pressure (Heating) [dB(A)]	67	68
	Sound Power [dB(A)]	87	89
External Dimension	Net Weight [kg]	304	304
(Outdoor Unit)	Net Dimensions (WxHxD) [mm]	1,295 x 1,695 x 765	1,295 x 1,695 x 765
Operating	Cooling [°C]	-15.0 ~ 48.0	-15 ~ 48
Temp. Range	Heating [°C]	-25.0 ~ 24.0	-25 ~ 24

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DVM S ECO

Model Code		AM040KXMDEH/EU	AM050KXMDEH/EU	AM040FXMDEH/EU
Power Supply (Out	tdoor Unit) [Φ, #, V, Hz]	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50
	HP	4	5	4
Capacity	Cooling [kW]	12.1	14.0	12.1
	Cooling [Btu/hr]	41,200	48,000	41,200
Maximum numbe	r of connectible indoor units [ea]	6	8	6
Power Input (Nominal)	Cooling [kW]	3.60	4.00	2.89
	Cooling [A]	17.5	19.5	14.0
Current Input	MCA [A]	24.0	27.0	22.0
(Nominal)	MFA [A]	32.0	40.0	32.0
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.36	3.50	4.19
	Туре	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Compressor	Output [kW x n]	4.12	4.12	4.12
	Model Name	UG5T450FUEJX	UG5T450FUEJX	UG5T450FUEJXSG
	Туре	Propeller	Propeller	Propeller
Fan	Output x n [W]	125 x 1	139 x 1	125 x 2
rall	Air Flow Rate [CMM]	64.00	70.00	100.00
	External Static Pressure (Max) [mmAq]	3.00	3.00	3.00
	External Static Pressure (Max) [Pa]	29.40	29.40	29.40
	Liquid Pipe [Ø, mm]	9.52	9.52	9.52
	Gas Pipe [Ø, mm]	15.88	15.88	15.88
Piping	Gas Pipe [Ø, inch]	5/8	5/8	5/8
Connections	Installation Limitation [Max Length]	50	50	150
	Installation Limitation [Max Height]	30	30	50
Sound	Sound Pressure [dB(A)]	52	55	50
External Dimen-	Net Weight [kg]	79	83.5	100
sion (Outdoor Unit)	Net Dimensions (WxHxD) [mm]	940 x 998 x 330	940 x 998 x 330	940 x 1,210 x 330
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0



DVM S ECO

Model Code		AM040FXMDGH/TK	AM050FXMDEH/TK	AM050FXMDGH/TK
Power Supply (Ou	tdoor Unit) [Φ, #, V, Hz]	3,4,380-415,50	1, 2, 220-240, 50	3,4,380-415,50
	HP	4	5	5
	Cooling [kW]	12.1	14.0	14.0
Capacity	Cooling [Btu/hr]	41,200	47,800	47,800
Maximum numbe	r of connectible indoor units [ea]	6	8	8
Power Input (Nominal)	Cooling [kW]	2.99	3.69	3.69
	Cooling [A]	4.8	17.9	6.2
Current Input	MCA [A]	10.0	24.0	12.0
(Nominal)	MFA [A]	20.0	32.0	20.0
Energy Efficiency	EER (Nominal Cooling) [kW/kW]	4.05	3.79	3.79
Ratio	COP (Nominal Heating) [kW/kW]	4.47	4.43	4.43
	Туре	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Compressor	Output [kW x n]	4.12	4.12	4.12
	Model Name	UG5T450FUFJXSG	UG5T450FUEJXSG	UG5T450FUFJXSG
	Туре	Propeller	Propeller	Propeller
E	Output x n [W]	125 x 2	125 x 2	125 x 2
Fan	Air Flow Rate [CMM]	100.00	100.00	100.00
	External Static Pressure (Max) [mmAq]	3.00	3.00	3.00
	External Static Pressure (Max) [Pa]	29.40	29.40	29.40
	Liquid Pipe [Ø, mm]	9.52	9.52	9.52
Piping	Gas Pipe [Ø, mm]	15.88	15.88	15.88
Connections	Installation Limitation [Max Length]	150	150	150
	Installation Limitation [Max Height]	50	50	50
Sound	Sound Pressure [dB(A)]	50	51	51
External Dimen-	Net Weight [kg]	100	100	100
sion (Outdoor Unit)	Net Dimensions (WxHxD) [mm]	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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¹⁾ Nominal cooling capacities are based on: Indoor temperature : 27° C DB, 190 C WB / Outdoor temperature : 35° C DB

²⁾ Nominal heating capacities are based on: Indoor temparature : 20° C DB, 15° C WB / Outdoor temperature : 7° C DB, 6° C WB

³⁾ Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.
4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

^{*} Nominal cooling capacities are based on: Indoor temperature : 27° C DB, 19° C WB / Outdoor temperature : 35° C DB

* The maximum height of installation limitation for piping connections is only allowable when using PDM kits. PDM kit: Pressure Drop Modulation kit

* MCA : Minimum Circuit Amps, MFA: Maximum Fuse Amps.

DVM S ECO SPECIFICATION

DVM S ECO SPECIFICATION



DVM S ECO

Model Code		AM060FXMDEH/EU	AM060FXMDGH/EU	AM080FXMDGC/EA
Power Supply (Ou [.]	tdoor Unit) [Φ, #, V, Hz]	1, 2, 220-240, 50	3,4,380-415,50	3,4,380-415,50
	HP	6	6	8
Capacity	Cooling [kW]	15.5	15.5	22.4
	Cooling [Btu/hr]	52,900	52,900	76,400
Maximum numbe	r of connectible indoor units [ea]	9	9	13
Power Input (Nominal)	Cooling [kW]	4.31	4.31	5.72
	Cooling [A]	21.0	7.3	9.7
Current Input	MCA [A]	32.0	12.0	18.0
(Nominal)	MFA [A]	40.0	20.0	25.0
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.60	3.60	3.92
	Туре	Twin BLDC Rotary	Twin BLDC Rotary	Inverter Scroll
Compressor	Output [kW x n]	4.12	4.12	4.96
	Model Name	UG5T450FUEJXSG	UG5T450FUFJXSG	DS-GB052FAVAD
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	125 x 2	125 x 2	180 x 2
Fan	Air Flow Rate [CMM]	100.00	100.00	135.00
ran	External Static Pressure (Max) [mmAq]	3.00	3.00	3.00
	External Static Pressure (Max) [Pa]	29.40	29.40	29.40
	Liquid Pipe [Ø, mm]	9.52	9.52	9.52
Pipina	Gas Pipe [Ø, mm]	19.05	19.05	19.05
Connections	Installation Limitation [Max Length]	150	150	100
	Installation Limitation [Max Height]	50	50	30
Sound	Sound Pressure [dB(A)]	53	53	56
External Dimen-	Net Weight [kg]	103	103	135
sion (Outdoor Unit)	Net Dimensions (WxHxD) [mm]	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,420 x 330
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0



DVM S ECO

Model Code		AM100KXMDGH/TK	AM120KXMDGH/TK	AM140KXMDGH/TK
Power Supply (Ou	tdoor Unit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	HP	10	12	14
Capacity	Cooling [kW]	28.0	33.5	40.0
	Cooling [Btu/hr]	95,500	114,300	136,500
Maximum numbe	r of connectible indoor units [ea]	18	21	26
Power Input (Nominal)	Cooling [kW]	7.29	8.77	10.59
	Cooling [A]	11.5	13.7	16.5
Current Input	MCA [A]	21.5	23.5	32.0
(Nominal)	MFA [A]	30.0	30.0	40.0
Energy Efficiency Ratio	EER (Nominal Cooling) [kW/kW]	3.84	3.82	3.78
	Туре	Inverter Scroll	Inverter Scroll	Inverter Scroll
	Output [kW x n]	5.18	6.39	6.76
Compressor	Model Name	DS-GB052FAVB	DS-GB066FAVB	DS-GB070FAVA
	Туре	Propeller	Propeller	Propeller
	Output x n [W]	244 x 2	244 x 2	244 x 2
Fan	Air Flow Rate [CMM]	165.00	166.00	180.00
rall	External Static Pressure (Max) [mmAq]	3.00	3.00	3.00
	External Static Pressure (Max) [Pa]	29.40	29.40	29.40
	Liquid Pipe [Ø, mm]	9.52	12.7	12.7
Piping	Gas Pipe [Ø, mm]	22.22	28.58	28.58
Connections	Installation Limitation [Max Length]	160	160	160
	Installation Limitation [Max Height]	40	40	40
Sound	Sound Pressure [dB(A)]	58	59	62
External Dimen- sion (Outdoor	Net Weight [kg]	145	155	162
Unit)	Net Dimensions (WxHxD) [mm]	940 x 1,630 x 460	940 x 1,630 x 460	940 x 1,630 x 460
Operating Temp. Range	Cooling [°C]	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0

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- * Nominal cooling capacities are based on: Indoor temperature : 27° C DB, 19° C WB / Outdoor temperature : 35° C DB

 * The maximum height of installation limitation for piping connections is only allowable when using PDM kits. PDM kit: Pressure Drop Modulation kit

 * MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.

DVM S ECO Anti Corrosion

Model Code		AM040MXMKKC/EA	AM050MXMKKC/EA
Power Supply (Ou	tdoor Unit) [Φ, #, V, Hz]	1,2,220-240,50/60	1,2,220-240,50/60
	HP	4.00	5.00
Capacity	Cooling [kW]	10.99	14.51
	Cooling [Btu/hr]	37,500	49,500
Power Input	Cooling [kW]	2.80	3.90
	Cooling [A]	13.50	19.00
Current Input	Heating [A]	-	-
(Nominal)	MCA [A]	22.00 (MCA)	24.00 (MCA)
	MFA [A]	32.00	32.00
COP	Nominal Cooling 1)	3.93	3.72
COP	Nominal Heating 2)	-	-
	Туре	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Output [kW x n]	(4.12)	(4.12)
Compressor	Model Name	UG5T450FUEJXSG x 1	UG5T450FUEJXSG x1
	Туре	Propeller / BLDC	Propeller / BLDC
Fan	Air Flow Rate [CMM]	60	60
rall	Air Flow Rate [l/s]	1,000.00	1,000.00
	External Static Pressure (Max) [mmAq]	-	-
	External Static Pressure (Max) [Pa]	-	-
	Liquid Pipe [Ø, mm]	9.52	9.52
Piping	Gas Pipe [Ø, mm] ,	15.88	15.88
Connections	Installation Limitation [Max Length]	70	70
	Installation Limitation [Max Height]	30.0	30.0
Sound	Sound Pressure [dB(A)]	50.0	51.0
	Net Weight [kg]	76.0	76.0
External Dimen- sion (Outdoor Unit)	Shipping Weight [kg]	79.0	79.0
	Net Dimensions (WxHxD) [mm]	940 x 998 x 330	940 x 998 x 330
-	Shipping Dimensions (WxHxD) [mm]	995 x 1,136 x 426	995 x 1,136 x 426
Operating	Cooling [°C]	- 5.0 ~ 48.0	- 5.0 ~ 48.0
Temp. Range	Heating [°C]	-	_



Model Code		AM060MXMKKC/EA	
Power Supply (O	utdoor Unit) [Φ, #, V, Hz]	1,2,220-240,50/60	
	HP	6.00	
Capacity	Cooling [kW]	16.00	
	Cooling [Btu/hr]	54,600	
Power Input	Cooling [kW]	4.20	
	Cooling [A]	20.20	
Current Input	Heating [A]	-	
(Nominal)	MCA [A]	32.00 (MCA)	
	MFA [A]	40.00	
COD	Nominal Cooling 1)	3.81	
COP	Nominal Heating 2)	-	
	Type	Twin BLDC Rotary x1	
	Output [kW x n]	(4.12)	
Compressor	Model Name	UG5T450FUEJXSG x1	
	Type	Propeller / BLDC	
E	Air Flow Rate [CMM]	100	
Fan	Air Flow Rate [l/s]	1,666.67	
	External Static Pressure (Max) [mmAq]	-	
	External Static Pressure (Max) [Pa]	-	
	Liquid Pipe [Ø, mm]	9.52	
Piping	Gas Pipe [Ø, mm]	19.05	
Connections	Installation Limitation [Max Length]	150	
	Installation Limitation [Max Height]	50.0	
Sound	Sound Pressure [dB(A)]	53.0	
	Net Weight [kg]	95.0	
External Dimen-	Shipping Weight [kg]	105.0	
sion (Outdoor Unit)	Net Dimensions (WxHxD) [mm]	940 x 1,210 x 330	
/	Shipping Dimensions (WxHxD) [mm]	995 x 1,388 x 426	
Operating	Cooling [°C]	-5.0 ~ 48.0	
Temp. Range	Heating [°C]	-	

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 * Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 19° C WB / Outdoor temperature: 35° C DB

 * The maximum height of installation limitation for piping connections is only allowable when using PDM kits. PDM kit: Pressure Drop Modulation kit

 * MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.



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DVM CHILLER

SPECIFICATION



DVM CHILLER (Without Pump)

Model Code		AG042KSVANH	AG056KSVANH	AG070KSVANH
Power Supply (Ou	tdoor Unit) [Φ, #, V, Hz]	3,4,380-415,50 / 60	3,4,380-415,50 / 60	3,4,380-415,50 / 60
112.	HP [kW]	15	20	25
Canacitu	Ton [usRT]	12	16	18.5
Capacity	Cooling (Min/Std/Max) [kW]	42	56	65
	Heating (Min/Std/Max) [kW]	42	56	69.5
Power Input	Cooling [kW]	12.35	18.67	26.00
(Nominal)	Heating [kW]	11.83	17.5	24.39
Current Input	Cooling [A]	19.6	29.6	41.2
(Nominal)	Heating [A]	18.8	27.8	38.7
	MCA [MVA]	7.094	7.094	13.983
Power	MCA [A]	32.0	46.0	58.0
	MFA [A]	40.0	60.0	75.0
	EER (Nominal Cooling)	3.40	3.00	2.50
Heat Exchanger	COP (Nominal Heating)	3.55	3.20	2.85
•	ikW/RT [kW/RT]	1.03	1.17	1.41
	Type	Inverter Scroll	Inverter Scroll	Inverter Scroll
Compressor	Output [kW x n]	6.76 x 2	6.76 x 2	6.76 x 2
	Model Name	DS-GB070FAVA	DS-GB070FAVA	DS-GB070FAVA
	Type	Propeller	Propeller	Propeller
	Quantity [ea]	2	2	2
Fan	Air Flow Rate [CMM]	364 (182 x 2)	364 (182 x 2)	392 (196 x 2)
ган	External Static Pressure Max [mmAq]	8.00	8.00	8.00
	External Static Pressure Max [Pa]	78.50	78.50	78.50
	Fan Motor Type	BLDC Motor	BLDC Motor	BLDC Motor
	Fan Motor Output x n [w]	630 x 2	630 x 2	630 x 2
	Type	Brazing Plate	Brazing Plate	Brazing Plate
	Water Flow Rate (Cooling / Heating) [LPM]	120 / 120	160 / 160	186 / 200
	Water Pressure Drop (Set. Nominal) [kPa]	60	100	120
Waterside Heat	Max. Operating Pressure [MPA]	1.0	1.0	1.0
Exchanger	Connection Type	Flange	Flange	Flange
	Pipe Connections Inlet / Outlet [Ø, mm]	40	40	50
	Pipe Connections Inlet / Outlet [Ø, inch]	11/2	11/2	2
	Quantity [ea]	2	2	2
	Туре	-	-	-
	Input x n [kW]	-	-	-
	Output x n [W]	-	-	-
Pump	Nominal Water Flow Rate [LPM]	-	-	_
	Nominal Water Flow Rate [l/s]	-	-	-
	External Static Pressure Max [mAq]	-	-	-
	External Static Pressure Max [kPa]		-	-
	Pressure Cooling [dB(A)]	60	62	63
Sound	Pressure Heating [dB(A)]	57	59	64
	Power [dB(A)]	80	83	85
External	Net Weight [kg]	446	446	465
Dimension	Net Dimension (WxHxD) [mm]	1,795 x 1,695 x 765	1,795 x 1,695 x 765	1,795 x 1,695 x 765
Operating	Cooling [°C]	5.0 ~ 25.0	5.0 ~ 25.0	5.0 ~ 25.0
Water Tempera-	Cooling (if using brine) [°C]	-10.0 ~ 25.0	-10.0 ~ 25.0	-10.0 ~ 25.0
ture Range	Heating [°C]	25.0 ~ 55.0	25.0 ~ 55.0	25.0 ~ 55.0
Operating Water	Water Flow Rate [LPM]	60 ~ 240	80 ~ 320	93 ~ 400
Flow Range	Minimum Water Storage in the System [L]	294	392	490
Operating Tem-	Cooling [°C]	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
perature Range	Heating [°C]	- 25.0 ~ 43.0	-25.0 ~ 43.0	-25.0 ~ 43.0

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- 1) Nominal cooling capacities are based on: Indoor temperature : 27° C DB, 190 C WB / Outdoor temperature : 35° C DB
- 2) Nominal heating capacities are based on: Indoor temparature : 20° C DB, 15° C WB / Outdoor temperature : 7° C DB, 6° C WB
- 3) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.
- 4) MCA: Minimum Circuit Amps, MFA: Maximum Fuse Amps.























DVM CHILLER

SPECIFICATION

DVM CHILLER (With Pump)

Model Code	•	AG042KSVGNH	AG056KSVGNH	AG070KSVGNH
Power Supply (Ou	tdoor Unit) [Φ, #, V, Hz]	3,4,380-415,50 / 60	3,4,380-415,50 / 60	3,4,380-415,50 / 60
Tower supply (ou	HP [kW]	15	20	25
Capacity	Ton [usRT]	12	16	18.5
	Cooling (Min/Std/Max) [kW]	42	56	65
	Heating (Min/Std/Max) [kW]	42	56	69.5
Power Input	Cooling [kW]	13.59	20.14	28.26
(Nominal)	Heating [kW]	12.77	18.48	25.84
Current Input	Cooling [A]	24.2	34.2	45.8
(Nominal)	Heating [A]	23.4	32.4	43.3
(Norminat)	MCA [MVA]	8.078	11,172	15.081
Power	MCA [A]	39.0	53.0	65.0
Power	MFA [A]	50.0	60.0	75.0
		3.09		2.30
Hank Eurlanden	EER (Nominal Cooling)		2.78	
Heat Exchanger	COP (Nominal Heating)	3.29	3.03	2.69
	ikW/RT [kW/RT]	1.13	1.26	1.53
	Type	Inverter Scroll	Inverter Scroll	Inverter Scroll
6	Output [kW x n]	6.76 x 2	6.76 x 2	6.76 x 2
Compressor	Model Name	DS-GB070FAVA	DS-GB070FAVA	DS-GB070FAVA
	Туре	Propeller	Propeller	Propeller
	Quantity [ea]	2	2	2
Fan	Air Flow Rate [CMM]	364 (182 x 2)	364 (182 x 2)	392 (196 x 2)
Tan	External Static Pressure Max [mmAq]	8.00	8.00	8.00
	External Static Pressure Max [Pa]	78.50	78.50	78.50
	Fan Motor Type	BLDC Motor	BLDC Motor	BLDC Motor
	Fan Motor Output x n [w]	630 x 2	630 x 2	630 x 2
	Type	Brazing Plate	Brazing Plate	Brazing Plate
	Water Flow Rate (Cooling / Heating) [LPM]	120 / 120	160 / 160	186 / 200
	Water Pressure Drop (Set. Nominal) [kPa]	60	100	120
Waterside Heat	Max. Operating Pressure [MPA]	1.0	1.0	1.0
Exchanger	Connection Type	Flange	Flange	Flange
	Pipe Connections Inlet / Outlet [Ø, mm]	40	40	50
	Pipe Connections Inlet / Outlet [Ø, inch]	11/2	11/2	2
	Quantity [ea]	2	2	2
	Type	End Suction	End Suction	End Suction
	Input x n [kW]	1.68	1.68	1.68
	Output x n [W]	1.45	1.45	1.45
Pump	Nominal Water Flow Rate [LPM]	120 / 120	120 / 120	186 / 200
rullip	Nominal Water Flow Rate [LPM]	2.0 / 2.0	2.7 / 2.7	3.1 / 3.3
	External Static Pressure Max [mAq]	2.0 / 2.0		10.2 / 10.2
		22.4 / 22.4	15.3 / 15.3 150 / 150	131 / 100
	External Static Pressure Max [kPa]			
Cound	Pressure Cooling [dB(A)]	60	62	63
Sound	Pressure Heating [dB(A)]	57	59	64
F	Power [dB(A)]	80	84	88
External	Net Weight [kg]	472	472	493
Dimension	Net Dimension (WxHxD) [mm]	1,795 x 1,695 x 765	1,795 x 1,695 x 765	1,795 x 1,695 x 765
Operating	Cooling [°C]	5.0 ~ 25.0	5.0 ~ 25.0	5.0 ~ 25.0
Water Tempera-	Cooling (if using brine) [°C]	-10.0 ~ 25.0	-10.0 ~ 25.0	-10.0 ~ 25.0
	Heating [°C]	25.0 ~ 55.0	25.0 ~ 55.0	25.0 ~ 55.0
Operating Water	Water Flow Rate [LPM]	60 ~ 240	80 ~ 320	93 ~ 400
Flow Range	Minimum Water Storage in the System [L]	294	392	490
Operating Tem-	Cooling [°C]	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
perature Range	Heating [°C]	-25.0 ~ 43.0	-25.0 ~ 43.0	-25.0 ~ 43.0

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- 1) Nominal cooling capacities are based on: Indoor temperature: 27° C DB, 190 C WB / Outdoor temperature: 35° C DB
- 2) Nominal heating capacities are based on: Indoor temparature: 20° C DB, 15° C WB / Outdoor temperature: 7° C DB, 6° C WB
- 3) Sound level was acquired in an anehonic room. Thus actual noise level may be different depending on the installation conditions.
- 4) MCA : Minimum Circuit Amps, MFA: Maximum Fuse Amps.

























