



DVM System

CAC System

ERV System

FJM System

AHU System

Control System

DVM System

SINGLE System

ERV System

FJM System

AHU System

Control System

DVMS LINE UP _Outdoor Unit



DVM S HP (208~230V)				SINGLE											MODULE										
IMAGE	MODEL	CAPACITY	HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
		HP	Ton	6.5	8	10	11.5	13	15	16.5	18	20	21.5	23	25	26.5	28	30	31.5	33	35	36.5	38	40	41.5
	AM080JVAFH/AZ	8	6.5	1																					
	AM100JVAFH/AZ	10	8		1							1										1			
	AM120JVAFH/AZ	12	10			1						1	2	1	1	1	1				1	2	1	1	1
	AM140JVAFH/AZ	14	11.5				1						1				1						1		
	AM160JVAFH/AZ	16	13					1						1			1							1	
	AM180JVAFH/AZ	18	15						1						1				1						1
	AM200JVAFH/AZ	20	16.5							1						1	1	1	1	2	1	1	1	1	1

DVM S HP (208~230V)				MODULE										MODULE							
IMAGE	MODEL	CAPACITY	HP	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80			
		HP	Ton	43	44.5	46.5	48	49.5	51.5	53	54.5	56	58	59.5	61	63	64.5	66			
	AM080JVAFH/AZ	8	6.5																		
	AM100JVAFH/AZ	10	8						1												
	AM120JVAFH/AZ	12	10	1					1	2	1		1	1	1						
	AM140JVAFH/AZ	14	11.5		1						1				1						
	AM160JVAFH/AZ	16	13			1						1			1						
	AM180JVAFH/AZ	18	15				1						1			1					
	AM200JVAFH/AZ	20	16.5	2	2	2	2	3	2	2	2		2	2	3	3	3	3	4		

* If you wish to install outdoor unit module with capacity over 62 HP please contact local Samsung Dealer.

DVM S HP (208~230V) AHRI CERTIFIED				SINGLE																		MODULE									
IMAGE	MODEL	CAPACITY	HP	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	42.5	45	47.5	50	52.5	55								
		HP	Ton	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44								
	AM072FXVAFH/AA	7.5	6	1						1	1	1								1											
	AM096FXVAFH/AA	10	8		1																										
	AM120FXVAFH/AA	12.5	10			1															1										
	AM144FXVAFH/AA	15	12				1			1			2	1				1	3		1										
	AM168HXVAFH/AA	17.5	14					1			1			1	2	1				2	2	3	2								
	AM192HXVAFH/AA	20	16						1				1				1	2	1					1							

DVM S HR (208~230V) AHRI CERTIFIED				SINGLE																		MODULE									
IMAGE	MODEL	CAPACITY	HP	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	42.5	45	47.5	50	52.5	55								
		HP	Ton	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44								
	AM072FXVAFR/AA	7.5	6	1						1	1	1								1											
	AM096FXVAFR/AA	10	8		1																										
	AM120FXVAFR/AA	12.5	10			1															1										
	AM144FXVAFR/AA	15	12				1			1			2	1				1	3		1										
	AM168HXVAFR/AA	17.5	14					1			1			1	2	1				2	2	3	2								
	AM192HXVAFR/AA	20	16						1				1				1	2	1					1							

* If you wish to install outdoor unit module with capacity over 62 HP please contact local Samsung Dealer.

DVMS LINE UP _Outdoor Unit



DVM S HP (460V)				SINGLE											MODULE											
IMAGE	MODEL	CAPACITY	HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	
		HP	Ton	6.5	8	10	11.5	13	15	16.5	18	20	21.5	23	25	26.5	28	30	31.5	33	35	36.5	38	40	41.5	
	AM080XVAJH/AZ	8	6.5	1																						
	AM100XVAJH/AZ	10	8		1																					
	AM120XVAJH/AZ	12	10			1							2	1	1	1	1	1					2	1	1	
	AM140XVAJH/AZ	14	11.5				1							1				1						1		
	AM160XVAJH/AZ	16	13					1						1					1						1	
	AM180XVAJH/AZ	18	15						1						1											
	AM200XVAJH/AZ	20	16.5								1					1					2	1				
	AM220XVAJH/AZ	22	18										1					1	1	1			1	2	1	1

DVM S HP (460V)				MODULE											MODULE					
IMAGE	MODEL	CAPACITY	HP	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80		
		HP	Ton	43	44.5	46.5	48	49.5	51.5	53	54.5	56	58	59.5	61	63	64.5	66		
	AM080XVAJH/AZ	8	6.5																	
	AM100XVAJH/AZ	10	8																	
	AM120XVAJH/AZ	12	10	1	1	1							2	1	1	1	1	1		
	AM140XVAJH/AZ	14	11.5					1						1				1		
	AM160XVAJH/AZ	16	13						1					1						
	AM180XVAJH/AZ	18	15							1					1					
	AM200XVAJH/AZ	20	16.5			1				2	1				1					
	AM220XVAJH/AZ	22	18	1	1	2	2	2	1	2	3			2	2	2	2	2	3	3

* If you wish to install outdoor unit module with capacity over 68 HP please contact local Samsung Dealer.

DVMS LINE UP _Outdoor Unit



DVM S HP (380V)				SINGLE												MODULE										
IMAGE	MODEL	CAPACITY	HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	
		HP	Ton	6.5	8	10	11.5	13	15	16.5	18	20	21.5	23	25	26.5	28	30	31.5	33	35	36.5	38	40	41.5	
	AM080FXVAHH/TC	8	6.5	1																						
	AM100FXVAHH/TC	10	8		1																					
	AM120FXVAHH/TC	12	10			1								1	1	1	1						2	1	1	
	AM140FXVAHH/TC	14	11.5				1											1					1			
	AM160FXVAHH/TC	16	13					1						1									1			
	AM180FXVAHH/TC	18	15						1							1								1		
	AM200FXVAHH/TC	20	16.5							1							1						1			
	AM220FXVAHH/TC	22	18								1							1	1	1		1	2	1	1	1
	AM240HXVAHH/TC	24	20										1													
	AM260HXVAHH/TC	26	21.5											1									1			

DVM S HP (380V)				MODULE										MODULE						
IMAGE	MODEL	CAPACITY	HP	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80		
		HP	Ton	43	44.5	46.5	48	49.5	51.5	53	54.5	56	58	59.5	61	63	64.5	66		
	AM080FXVAHH/TC	8	6.5																	
	AM100FXVAHH/TC	10	8																	
	AM120FXVAHH/TC	12	10	1	1	1							2	1	1	1	1	1		
	AM140FXVAHH/TC	14	11.5				1						1					1		
	AM160FXVAHH/TC	16	13					1						1						
	AM180FXVAHH/TC	18	15	1					1						1					
	AM200FXVAHH/TC	20	16.5		1					1						1				
	AM220FXVAHH/TC	22	18	1	1	2	2	2	2	2	3			2	2	2	2	2	3	3
	AM240HXVAHH/TC	24	20																	
	AM260HXVAHH/TC	26	21.5																	

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

DVMS LINE UP _Outdoor Unit



DVM S WATER (208~230V) AHRI CERTIFIED																							
IMAGE	MODEL	CAPACITY		7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	42.5	45	47.5	50	52.5	60
		HP	Ton	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48
	AM072HXWAFR/AA	7.5	6	1			2	1				1			2	1				1			
	AM096HXWAFR/AA	10	8		1			1		1		1			1		1				1		
	AM120HXWAFR/AA	12.5	10			1				1	2		1			1	2					1	
	AM192HXWAFR/AA	20	16						1			1	1	1	1	1	2	1	1	2	2	2	3

DVM S WATER (460V) AHRI CERTIFIED																							
IMAGE	MODEL	CAPACITY		7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	42.5	45	47.5	50	52.5	60
		HP	Ton	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48
	AM072HXWJR/AA	7.5	6	1			2	1				1			2	1				1			
	AM096HXWJR/AA	10	8		1			1		1		1			1		1				1		
	AM120HXWJR/AA	12.5	10			1				1	2		1			1	2					1	
	AM192HXWJR/AA	20	16						1			1	1	1	1	1	2	1	1	2	2	2	3

DVM S WATER (380~415V)																									
IMAGE	MODEL	CAPACITY		8	10	12	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	48	50	52	60
		HP	Ton	6.5	8	10	13	15	16.5	18	20	21.5	23	25	26.5	28	30	31.5	33	35	36.5	40	41.5	43	49.5
	AM080FXWANR/EU	8	6.5	1			2	1				2	1			2	1					1			
	AM100FXWANR/EU	10	8		1			1		1		1		1		1		1		1			1		
	AM120FXWANR/EU	12	10			1				1	2			1	2				1	2			1		
	AM200FXWANR/EU	20	16.5						1			1	1	1		1	1	2	1	1	2	2	2	2	3

DVM S ECO					
IMAGE	MODE	VOLTAGE	MODEL	CAPACITY	
				HP	Ton
	C/O	220	AM040HXMDBC/TC	4	3
			AM050HXMDBC/TC	5	4
			AM060HXMDBC/TC	6	5
	H/P	208 - 230	AM080FXMDGC/EA	8	6.5
			AM036FXMDCH/AA	4	3
			AM048FXMDCH/AA	5	4
			AM053FXMDCH/AA	6	5

DVM S ECO					
IMAGE	MODE	VOLTAGE	MODEL	CAPACITY	
				HP	Ton
	H/P	208 - 230	AM080KXMDFH/TC	8	6.5
			AM100KXMDFH/TC	10	8
			AM120KXMDFH/TC	12	10
	H/P	380	AM100KXMDHH/TC	10	8
			AM120KXMDHH/TC	12	10
			AM140KXMDHH/TC	14	11.5

DVMS LINE UP & FEATURE _Indoor Unit



CASSETTE							
MODEL							
CAPACITY (kW)	kW	KBtu/h	1Way	2Way	4Way CST (600x600)	4Way CST	360Cassette
	2.2	7.5	●				●
	2.6	9					
	2.8	9.5	●		●		
	3.5	12	●		●		●
	5.3	18	●	●	●	●	●
	5.6	19.1	●				
	5.9	20			●		
	7	24	●	●		●	●
	8.8	30				●	●
10.6	36				●	●	
14.1	48				●	●	
FEATURES	Powerful Airflow		●		●	●	●
	Ceiling Dust Prevention		●		●	●	●
	Fresh Air Intake				●	●	●
	High Lift-up Drain Pump		●	●	●	●	●
	Sub Duct				●	●	●

DUCT						
MODEL						
CAPACITY	kW	KBtu/h	LSP	MSP	HSP	HSP (Big Duct)
	2.2	7.5	●			
	2.8	9.5	●			
	3.5	12	●			
	5.3	18	●	●		
	7	24	●	●		
	8.8	30	●	●		
	10.6	36	●	●	●	
	14.1	48	●	●	●	
	18	61.4				●
22.5	76.8			●	●	
28.1	95.5			●	●	
FEATURES	Pre Filter		●	●		●
	Easy Filter Cleaning		●	●		●
	High Lift-up Drain Pump (Optional)		●	●	●	●
	Smart Pressure Control		●	●	●	●

WALL-MOUNTED						
MODEL						
CAPACITY	kW	KBtu/h	Neo Forte	Neo Forte-E	A3050	A3050-E
	1.5	5.1	●	●	●	●
	2.2	7.5	●	●	●	●
	2.8	9.6	●	●	●	●
	3.5 / 3.6	12.0 / 12.3			●	●
	4.5	15.4			●	●
	5.3	18	●	●		●
	5.6	19.1			●	●
	5.9	20	●	●		
	6.8	23.2	●	●		
7.1	24.2			●	●	
8.2	28			●	●	
FEATURES	Deodorizing Filter		●	●	●	●
	Good Sleep		●	●	●	●

CONSOLE & CEILING				
MODEL				
CAPACITY	kW	KBtu/h	Ceiling	Big Ceiling
	5.2	18	●	
	7.2	24	●	
	11.2	38.2		●
14	47.8		●	
FEATURES	Virus Doctor		●	●
	Interior Design		●	●
	Anti-virus Filter		●	●
	Lightweight Unit		●	●
	Flexible Pipe Installation		●	●

OAP DUCT			
MODEL			
CAPACITY	kW	KBtu/h	OAP DUCT
	14	47.8	●
	22.4	76.4	●
	28	95.5	●

HYDRO UNIT			
MODEL			
CAPACITY (Heating)	kW	KBtu/h	HE
	16	54.6	●
	31	105.8	●
	50.4	172	●

PAC			
MODEL			
CAPACITY	kW	KBtu/h	PAC
	14.1	47.8	●
	28.1	95.6	●

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (208~230V)				AM080JXVAFH/AZ	AM100JXVAFH/AZ	AM120JXVAFH/AZ	AM140JXVAFH/AZ	AM160JXVAFH/AZ	AM180JXVAFH/AZ	AM200JXVAFH/AZ	
Model Code											
Power Supply	Φ, #, V, Hz		3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	8	10	12	14	16	18	20.00	20.00	
	Ton	Ton	6.5	8	10	11.5	13	15	16.5	16.5	
	Capacity (Nominal)	Cooling	kW	22.4	28	33.6	40	45	50.4	56.00	56.00
		Heating	kW	25.2	31.5	37.8	45	50.4	56.7	63.00	63.00
			Btu/h	86,000	107,500	129,000	153,500	172,000	193,500	215,000	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	4.35	5.5	7.22	8.47	10.64	11.45	11.45	
		Heating ²⁾	kW	4.44	5.33	7.4	9.18	10.3	10.4	12.70	
	Current Input (Nominal)	Cooling ¹⁾	A	12.7	16	21.1	24.7	31	31.1	33.40	
		Heating ²⁾	A	12.9	15.5	21.6	26.8	30.3	30.3	37.00	
			MCA	35.00 (MCA)	43.00 (MCA)	44.00 (MCA)	55.00 (MCA)	62.00 (MCA)	73.00 (MCA)	80.00 (MCA)	
			MFA	40	50	50	75	75	75	90.00	
COP	Nominal Cooling ¹⁾		-	5.15	5.09	4.65	4.72	4.23	4.73	4.89	
	Nominal Heating ²⁾		-	5.68	5.91	5.11	4.9	4.89	5.45	4.96	
Compressor	Type		-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	
	Output	kW x n	-	-4.96	-	-	(4.96x2)	(4.96x2)	-	-	
	Model Name		-	DS-GB052FBVAVSG x 1	DS4GJ5066EVAVSG x 1	DS4GJ5066EVAVSG x 1	DS-GB052FBVAVSG x 2	DS-GB052FBVAVSG x 2	DS4GJ5066EVAVSG x 2	DS4GJ5066EVAVSG x 2	
Oil	Type		-	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	-	1100	2800	2800	2200	2200	5600	5600	
Fan	Type		-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	-	830.0 x 1	830.0 x 1	830.0 x 1	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	
	Air Flow Rate	CMM	-	170	170	220	255	255	260	265	
	External Static Pressure		Max.		2,833.33	2,833.33	3,666.67	4,250.00	4,250.00	4,333.33	4,416.67
				8	8	8	8	8	8	8.00	
Piping Connections	Liquid Pipe	Φ, mm		9.52	9.52	12.7	12.7	12.7	15.88	15.88	
		Φ, inch		3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	5/8"	
	Gas Pipe	Φ, mm		19.05	22.22	28.58	28.58	28.58	28.58	28.58	
		Φ, inch		3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
	Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm		-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
	Installation Limitation	Max. Length	m		200	200	200	200	200	200	200
		Max. Height	m		110	110	110	110	110	110	110.0
Field Wiring	Power Source Wire	mm ²		-	-	-	-	-	-	-	
	Transmission Cable	mm ²		-	-	-	-	-	-	-	
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg		5.5	5.5	6.5	7.7	7.7	8.4	8.40	
Sound ³⁾	Sound Pressure	dB(A)		57	58	62	61	63	64	65.0	
	Sound Power	dB(A)		77	79	81	81	83	86	87.0	
External Dimension	Net Weight	kg		190	193	204	292	292	300	300.0	
	Shipping Weight	kg		206	209	220	311	311	319	319.0	
	Net Dimensions (WxHxD)	mm		880 x 1,695 x 765	880 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	1,295 x 1,695 x 765	1,295 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	1,363 x 1,887 x 832	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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C		-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 6.2 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (208~230V)				AM220JXVAFH/AZ	AM240JXVAFH/AZ	AM260JXVAFH/AZ	AM280JXVAFH/AZ	AM300JXVAFH/AZ	AM320JXVAFH/AZ	
Model Code										
Power Supply	Φ, #, V, Hz		3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	22.00	24.00	26.00	28.00	30.00	32.00	34.00	
	Ton	Ton	18	20	21.5	23	25	26.5	28	
	Capacity (Nominal)	Cooling	kW	61.60	67.20	73.60	78.60	84.00	89.60	95.20
		Heating	kW	69.30	75.60	82.80	88.20	94.50	100.80	107.10
			Btu/h	210,200	229,300	251,100	268,200	286,600	305,700	
			Btu/h	236,500	258,000	282,500	301,000	322,400	343,900	
Power	Power Input (Nominal)	Cooling ¹⁾	12.72	14.44	15.69	17.86	18.67	20.10	21.60	
		Heating ²⁾	12.73	14.80	16.58	17.70	17.80	20.10	21.60	
	Current Input (Nominal)	Cooling ¹⁾	37.10	42.20	45.80	52.10	52.20	54.50	58.60	
		Heating ²⁾	37.10	43.20	48.40	51.60	51.90	58.60	62.70	
			A							
	MCA		87.00 (MCA)	88.00 (MCA)	99.00 (MCA)	106.00 (MCA)	117.00 (MCA)	124.00 (MCA)	131.00 (MCA)	
	MFA		-	-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾		4.84	4.65	4.69	4.40	4.70	4.80	4.80	
	Nominal Heating ²⁾		5.44	5.11	4.99	4.98	5.31	5.01	5.01	
Compressor	Type		SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	
	Output	kW x n	-	-	(4.96x2)	(4.96x2)	(4.96x2)	(4.96x2)	(4.96x2)	
	Model Name		DS4GJ5066EVASG x 2	DS4GJ5066EVASG x 2	DS4GJ5066EVASG x 1 + DS-GB052FBVASG x 2	DS4GJ5066EVASG x 1 + DS-GB052FBVASG x 2	DS4GJ5066EVASG x 3	DS4GJ5066EVASG x 3	DS4GJ5066EVASG x 3	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	5600	5600	5000	5000	8400	8400	8400	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	(830.0 x 1) x 2	(830.0 x 1) x 2	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	
	Air Flow Rate	CMM	170 + 220	220 x 2	220 + 255	220 + 255	220 + 260	220 + 265	220 + 265	
		l/s	2,833.33 + 3,666.67	3,666.67 x 2	3,666.67 + 4,250.00	3,666.67 + 4,250.00	3,666.67 + 4,333.33	3,666.67 + 4,416.67	3,666.67 + 4,416.67	
External Static Pressure		Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00	
			Pa	78.45	78.45	78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe		Φ, mm	15.88	15.88	19.05	19.05	19.05	19.05	
			Φ, inch	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	
	Gas Pipe		Φ, mm	28.58	34.92	34.92	34.92	34.92	34.92	
			Φ, inch	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
			Φ, mm	-	-	-	-	-	-	
			Φ, inch	-	-	-	-	-	-	
			Φ, mm	-	-	-	-	-	-	
			Φ, inch	-	-	-	-	-	-	
	Max. Length	m	200	200	200	200	200	200	200	
	Max. Height	m	110.0	110.0	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-	
	Transmission Cable	mm ²	-	-	-	-	-	-	-	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	12.00	13.00	14.20	14.20	14.90	14.90	14.90	
Sound ³⁾	Sound Pressure	dB(A)	63.0	65.0	65.0	66.0	66.0	67.0	67.0	
	Sound Power	dB(A)	83.0	84.0	84.0	85.0	87.0	88.0	88.0	
External Dimension	Net Weight	kg	193.0 + 204.0	204.0 x 2	204.0 + 292.0	204.0 + 292.0	204.0 + 300.0	204.0 + 300.0	204.0 + 300.0	
	Shipping Weight	kg	209.0 + 220.0	220.0 x 2	220.0 + 311.0	220.0 + 311.0	220.0 + 319.0	220.0 + 319.0	220.0 + 319.0	
	Net Dimensions (WxHxD)	mm	(880 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2	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	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	880 x 1,695 x 765 + 1,295 x 1,695 x 765	
	Shipping Dimensions (WxHxD)	mm	(948 x 1,887 x 832) x 2	(948 x 1,887 x 832) x 2	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	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	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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 62 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (208~230V)				AM340JXVAFH/AZ	AM360JXVAFH/AZ	AM380JXVAFH/AZ	AM400JXVAFH/AZ	AM420JXVAFH/AZ	AM440JXVAFH/AZ	
Model Code										
Power Supply	Φ, #, V, Hz		3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	
Mode	-		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	34.00	36.00	38.00	40.00	42.00	44.00	46.00	
	Ton	Ton	28	30	31.5	33	35	36.5	38	
	Capacity (Nominal)	Cooling	kW	96.00	101.00	106.40	112.00	117.60	123.20	128.80
		Heating	kW	108.00	113.40	119.70	126.00	132.30	138.60	144.90
Power	Power Input (Nominal)	Cooling ¹⁾	Btu/h	327,600	344,600	363,100	382,200	401,300	420,400	
		Heating ²⁾	Btu/h	368,500	386,900	408,400	429,900	451,400	472,900	
	Current Input (Nominal)	Cooling ¹⁾	A	19.92	22.09	22.11	22.90	24.17	25.89	
		Heating ²⁾	A	21.88	23.00	23.10	25.40	25.43	27.50	
MCA			135.00 (MCA)	142.00 (MCA)	153.00 (MCA)	160.00 (MCA)	167.00 (MCA)	168.00 (MCA)		
	MFA	A	-	-	-	-	-	-		
COP	Nominal Cooling ¹⁾	-	4.82	4.57	4.81	4.89	4.87	4.76		
	Nominal Heating ²⁾	-	4.94	4.93	5.18	4.96	5.20	5.04		
Compressor	Type	-	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4		
	Output	kW x n	(4.96x2)+	(4.96x2)+	-	-	-	-		
	Model Name	-	DS-GB052FBVAG x 2 + DS4GJ5066EVASG x 2	DS-GB052FBVAG x 2 + DS4GJ5066EVASG x 2	DS4GJ5066EVASG x 4	DS4GJ5066EVASG x 4	DS4GJ5066EVASG x 4	DS4GJ5066EVASG x 4		
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	7800	7800	11200	11200	11200	11200		
Fan	Type	-	Propeller	Propeller	Propeller	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	(620.0 x 2) x 2	(830.0 x 1) x 2 + 620.0 x 2	(830.0 x 1) x 2 + 620.0 x 2		
	Air Flow Rate	CMM	255 + 265	255 + 265	260 + 265	265 x 2	170 + 220 + 265	220 x 2 + 265		
	External Static Pressure	Max.	mmAq	4,250.00 + 4,416.67	4,250.00 + 4,416.67	4,333.33 + 4,416.67	4,416.67 x 2	2,833.33 + 3,666.67 + 4,416.67	3,666.67 x 2 + 4,416.67	
		Pa	8.00	8.00	8.00	8.00	8.00	8.00		
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	19.05	19.05		
		Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"		
	Gas Pipe	Φ, mm	34.92	41.28	41.28	41.28	41.28	41.28		
		Φ, inch	1 3/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"		
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
Installation Limitation	Max. Length	m	200	200	200	200	200	200		
	Max. Height	m	110.0	110.0	110.0	110.0	110.0	110.0		
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-		
	Transmission Cable	mm ²	-	-	-	-	-	-		
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	16.10	16.10	16.80	16.80	20.40	21.40		
Sound ³⁾	Sound Pressure	dB(A)	66.0	67.0	68.0	68.0	67.0	68.0		
	Sound Power	dB(A)	88.0	88.0	90.0	90.0	88.0	89.0		
External Dimension	Net Weight	kg	292.0 + 300.0	292.0 + 300.0	300.0 x 2	300.0 x 2	193.0 + 204.0 + 300.0	204.0 x 2 + 300.0		
	Shipping Weight	kg	311.0 + 319.0	311.0 + 319.0	319.0 x 2	319.0 x 2	209.0 + 220.0 + 319.0	220.0 x 2 + 319.0		
	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	(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) x 2 + 1,295 x 1,695 x 765		
	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	(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) x 2 + 1,363 x 1,887 x 832		
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0		
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 6.2 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (208~230V)				AM460JXVAFH/AZ	AM480JXVAFH/AZ	AM500JXVAFH/AZ	AM520JXVAFH/AZ	AM540JXVAFH/AZ	AM560JXVAFH/AZ
Power Supply	Φ, #, V, Hz			3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP		46.00	48.00	50.00	52.00	54.00	56.00
	Ton	Ton		38	40	41.5	43	44.5	46.5
	Capacity (Nominal)	Cooling	kW	129.60	134.60	140.00	145.60	152.00	157.00
		Heating	kW	145.80	151.20	157.50	163.80	171.00	176.40
Power	Power Input (Nominal)	Cooling ¹⁾	kW	27.14	29.31	29.33	30.12	31.37	33.54
		Heating ²⁾	kW	29.28	30.40	30.50	32.80	34.58	35.70
	Current Input (Nominal)	Cooling ¹⁾	A	79.20	85.50	85.60	87.90	91.50	97.80
		Heating ²⁾	A	85.40	88.60	88.90	95.60	100.80	104.00
	MCA			179.00 (MCA)	186.00 (MCA)	197.00 (MCA)	204.00 (MCA)	215.00 (MCA)	222.00 (MCA)
	MFA			-	-	-	-	-	-
COP	Nominal Cooling ¹⁾			4.78	4.59	4.77	4.83	4.85	4.68
	Nominal Heating ²⁾			4.98	4.97	5.16	4.99	4.95	4.94
Compressor	Type			SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6
	Output	kW x n		(4.96x2)+	(4.96x2)+	-	-	(4.96x2)+	(4.96x2)+
	Model Name			DS4GJ5066EVASG x 3 + DS-GB052FBVASG x 2	DS4GJ5066EVASG x 3 + DS-GB052FBVASG x 2	DS4GJ5066EVASG x 5	DS4GJ5066EVASG x 5	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 4	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 4
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE
	Initial Charge	cc		10600	10600	14000	14000	13400	13400
Fan	Type			Propeller	Propeller	Propeller	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	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	(620.0 x 2) x 3
	Air Flow Rate	CMM		220 + 255 + 265	220 + 255 + 265	220 + 260 + 265	220 + 265 x 2	255 + 265 x 2	255 + 265 x 2
	External Static Pressure	Max.	mmAq		3,666.67 + 4,250.00 + 4,416.67	3,666.67 + 4,250.00 + 4,416.67	3,666.67 + 4,333.33 + 4,416.67	3,666.67 + 4,416.67 x 2	4,250.00 + 4,416.67 x 2
Pa				8.00	8.00	8.00	8.00	8.00	8.00
Piping Connections	Liquid Pipe	Φ, mm		19.05	19.05	19.05	19.05	19.05	19.05
		Φ, inch		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Gas Pipe	Φ, mm		41.28	41.28	41.28	41.28	41.28	41.28
		Φ, inch		1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-
		Φ, inch		-	-	-	-	-	-
	Oil Equalizing Pipe	Φ, mm		-	-	-	-	-	-
		Φ, inch		-	-	-	-	-	-
Installation Limitation	Max. Length	m		200	200	200	200	200	200
	Max. Height	m		110.0	110.0	110.0	110.0	110.0	110.0
Field Wiring	Power Source Wire	mm ²		-	-	-	-	-	-
	Transmission Cable	mm ²		-	-	-	-	-	-
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg		22.60	22.60	23.30	23.30	24.50	24.50
Sound ³⁾	Sound Pressure	dB(A)		68.0	68.0	69.0	69.0	69.0	69.0
	Sound Power	dB(A)		89.0	89.0	90.0	91.0	91.0	91.0
External Dimension	Net Weight	kg		204.0 + 292.0 + 300.0	204.0 + 292.0 + 300.0	204.0 + 300.0 x 2	204.0 + 300.0 x 2	292.0 + 300.0 x 2	292.0 + 300.0 x 2
	Shipping Weight	kg		220.0 + 311.0 + 319.0	220.0 + 311.0 + 319.0	220.0 + 319.0 x 2	220.0 + 319.0 x 2	311.0 + 319.0 x 2	311.0 + 319.0 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	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	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	(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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating	°C		-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 62 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (208~230V)				AM580JXVAFH/AZ	AM600JXVAFH/AZ	AM620JXVAFH/AZ	AM640JXVAFH/AZ	AM660JXVAFH/AZ	AM680JXVAFH/AZ	
Power Supply	Φ, #, V, Hz		3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	
Mode	-		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	58.00	60.00	62.00	64.00	66.00	68.00	68.00	
	Ton	Ton	48	49.5	51.5	53	54.5	56	56	
	Capacity (Nominal)	Cooling	kW	162.40	168.00	173.60	179.20	185.60	190.60	190.60
		Heating	kW	182.70	189.00	195.30	201.60	208.80	214.20	214.20
Power	Power Input (Nominal)	Cooling ¹⁾	Btu/h	554,100	573,200	592,300	611,500	633,300	650,400	
		Heating ²⁾	Btu/h	623,400	644,900	666,400	687,900	712,500	730,900	
	Current Input (Nominal)	Cooling ¹⁾	kW	33.56	34.35	35.62	37.34	38.59	40.76	
		Heating ²⁾	kW	35.80	38.10	38.13	40.20	41.98	43.10	
	MCA	Cooling ¹⁾	A	97.90	100.20	103.90	109.00	112.60	118.90	
		Heating ²⁾	A	104.30	111.00	111.10	117.20	122.40	125.60	
MFA	A		233.00 (MCA)	240.00 (MCA)	247.00 (MCA)	248.00 (MCA)	259.00 (MCA)	266.00 (MCA)		
COP	Nominal Cooling ¹⁾	-	4.84	4.89	4.87	4.80	4.81	4.68		
	Nominal Heating ²⁾	-	5.10	4.96	5.12	5.01	4.97	4.97		
Compressor	Type	-	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 7	SSC Scroll x 7		
	Output	kW x n	-	-	-	-	(4.96x2)+	(4.96x2)+		
	Model Name	-	DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 5 + DS-GB052FBVASG x 2	DS4GJ5066EVASG x 5 + DS-GB052FBVASG x 2		
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	16800	16800	16800	16800	16200	16200		
Fan	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n	W	(620.0 x 2) x 3	(620.0 x 2) x 3	(830.0 x 1) x 2 + (620.0 x 2) x 2	(830.0 x 1) x 2 + (620.0 x 2) x 2	830.0 x 1 + (620.0 x 2) x 3	830.0 x 1 + (620.0 x 2) x 3		
	Air Flow Rate	CMH	260 + 265 x 2	265 x 3	170 + 220 + 265 x 2	220 x 2 + 265 x 2	220 + 255 + 265 x 2	220 + 255 + 265 x 2		
	External Static Pressure	Max. m/Aq	4,333.33 + 4,416.67 x 2	4,416.67 x 3	2,833.33 + 3,666.67 + 4,416.67 x 2	3,666.67 x 2 + 4,416.67 x 2	3,666.67 + 4,250.00 + 4,416.67 x 2	3,666.67 + 4,250.00 + 4,416.67 x 2		
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	22.22	22.22	22.22	22.22		
		Φ, inch	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"		
	Gas Pipe	Φ, mm	41.28	41.28	53.98	53.98	53.98	53.98		
		Φ, inch	1 5/8"	1 5/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"		
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Installation Limitation	Max. Length	m	200	200	200	200	200		
		Max. Height	m	110.0	110.0	110.0	110.0	110.0		
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-			
	Transmission Cable	mm ²	-	-	-	-	-			
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A			
	Factory Charging	kg	25.20	25.20	28.80	29.80	31.00			
Sound ³⁾	Sound Pressure	dB(A)	69.0	70.0	69.0	70.0	70.0			
	Sound Power	dB(A)	91.0	92.0	91.0	91.0	91.0			
	Net Weight	kg	300.0 x 3	300.0 x 3	193.0 + 204.0 + 300.0 x 2	204.0 x 2 + 300.0 x 2	204.0 + 292.0 + 300.0 x 2	204.0 + 292.0 + 300.0 x 2		
External Dimension	Shipping Weight	kg	319.0 x 3	319.0 x 3	209.0 + 220.0 + 319.0 x 2	220.0 x 2 + 319.0 x 2	220.0 + 311.0 + 319.0 x 2	220.0 + 311.0 + 319.0 x 2		
	Net Dimensions (WxHxD)	mm	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(880 x 1,695 x 765) x 2 + (1,295 x 1,695 x 765) x 2	(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	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3	(948 x 1,887 x 832) x 2 + (1,363 x 1,887 x 832) x 2	(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	-5.0 ~ 48.0	-5.0 ~ 48.0			
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0			

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 62 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (208~230V)				AM700JXVAFH/AZ	AM720JXVAFH/AZ	AM740JXVAFH/AZ	AM760JXVAFH/AZ	AM780JXVAFH/AZ	AM800JXVAFH/AZ	
Power Supply	Φ, #, V, Hz		3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	70.00	72.00	74.00	76.00	78.00	80.00	80.00	
	Ton	Ton	58	59.5	61	63	64.5	66	66	
	Capacity (Nominal)	Cooling	kW	196.00	201.60	208.00	213.00	218.40	224.00	224.00
		Heating	kW	220.50	226.80	234.00	239.40	245.70	252.00	252.00
Power	Power Input (Nominal)	Cooling ¹⁾	Btu/h	668,800	687,900	709,700	726,800	745,200	764,300	
		Heating ²⁾	Btu/h	752,400	773,900	798,400	816,900	838,400	859,900	
	Current Input (Nominal)	Cooling ¹⁾	kW	40.78	41.57	42.82	44.99	45.01	45.80	
		Heating ²⁾	kW	43.20	45.50	47.28	48.40	48.50	50.80	
MCA		A	119.00	121.30	124.90	131.20	131.30	133.60		
		A	125.90	132.60	137.80	141.00	141.30	148.00		
COP	Nominal Cooling ¹⁾		277.00 (MCA)	284.00 (MCA)	295.00 (MCA)	302.00 (MCA)	313.00 (MCA)	320.00 (MCA)	320.00 (MCA)	
	Nominal Heating ²⁾		-	-	-	-	-	-	-	
Compressor	Type		SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 8	SSC Scroll x 8	SSC Scroll x 8	SSC Scroll x 8	SSC Scroll x 8	
	Output	kW x n	-	-	(4.96x2) +	(4.96x2) +	-	-	-	
Fan	Model Name		DS4GJ5066EVASG x 7	DS4GJ5066EVASG x 7	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 6	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 8	DS4GJ5066EVASG x 8	DS4GJ5066EVASG x 8	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
Piping Connections	Initial Charge	cc	19600	19600	19000	19000	22400	22400	22400	
	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	830.0 x 1 + (620.0 x 2) x 3	830.0 x 1 + (620.0 x 2) x 3	(620.0 x 2) x 4	(620.0 x 2) x 4	(620.0 x 2) x 4	(620.0 x 2) x 4	(620.0 x 2) x 4	
	Air Flow Rate	CMM	220 + 260 + 265 x 2	220 + 265 x 3	255 + 265 x 3	255 + 265 x 3	260 + 265 x 3	265 x 4	265 x 4	
External Static Pressure		mmAq	3,666.67 + 4,333.33 + 4,416.67 x 2	3,666.67 + 4,416.67 x 3	4,250.00 + 4,416.67 x 3	4,250.00 + 4,416.67 x 3	4,333.33 + 4,416.67 x 3	4,416.67 x 4	4,416.67 x 4	
	Max.	Pa	8.00	8.00	8.00	8.00	8.00	8.00	8.00	
Refrigerant	Liquid Pipe	Φ, mm	22.22	22.22	22.22	22.22	22.22	22.22	22.22	
	Gas Pipe	Φ, inch	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	
	Discharge Gas Pipe	Φ, mm	53.98	53.98	53.98	53.98	53.98	53.98	53.98	
	Oil Equalizing Pipe	Φ, inch	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-	
	Transmission Cable	mm ²	-	-	-	-	-	-	-	
Sound ³⁾	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	31.70	31.70	32.90	32.90	33.60	33.60	33.60	
External Dimension	Sound Pressure	dB(A)	70.0	70.0	70.0	71.0	71.0	71.0	71.0	
	Sound Power	dB(A)	92.0	92.0	92.0	92.0	93.0	93.0	93.0	
Operating Temp. Range	Net Weight	kg	204.0 + 300.0 x 3	204.0 + 300.0 x 3	292.0 + 300.0 x 3	292.0 + 300.0 x 3	300.0 x 4	300.0 x 4	300.0 x 4	
	Shipping Weight	kg	220.0 + 319.0 x 3	220.0 + 319.0 x 3	311.0 + 319.0 x 3	311.0 + 319.0 x 3	319.0 x 4	319.0 x 4	319.0 x 4	
Operating Temp. Range	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	(1,295 x 1,695 x 765) x 4	(1,295 x 1,695 x 765) x 4	(1,295 x 1,695 x 765) x 4	(1,295 x 1,695 x 765) x 4	(1,295 x 1,695 x 765) x 4	
	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	(1,363 x 1,887 x 832) x 4	(1,363 x 1,887 x 832) x 4	(1,363 x 1,887 x 832) x 4	(1,363 x 1,887 x 832) x 4	(1,363 x 1,887 x 832) x 4	
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 62 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVM S HP (208~230V)				AM072FXVAFH/AA	AM096FXVAFH/AA	AM120FXVAFH/AA	AM144FXVAFH/AA	AM168HXVAFH/AA	AM192HXVAFH/AA
Power Supply	Φ, #, V, Hz			3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP		7.5	10	12.5	15	17.5	20
	Ton	Ton		6	8	10	12	14	16
	Capacity (Nominal)	Cooling	Btu/h	72,000	96,000	120,000	144,000	168,000	192,000
		Heating	Btu/h	81,000	108,000	135,000	162,000	189,000	216,000
Capacity (Rated)	Cooling	Btu/h	69,000	92,000	114,000	138,000	160,000	184,000	
	Heating	Btu/h	77,000	103,000	129,000	154,000	180,000	206,000	
Power	MCA	A		28	37.8	43	52.6	66	73
	MOP	A		-	-	-	-	-	-
Compressor	Type			SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
	Model Name			DS-GB052FBVASG x 1	DS-GB052FBVASG x 2	DS-GB052FBVASG x 2	DS-GB052FBVASG x 2	DS-GB052FBVASG x 2	DS4GJ5066EVASG x 2
	Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n	W		630.0 x 1	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2
	Air Flow Rate	CFM		7,239.78	9,182.16	9,182.16	9,535.32	10,947.96	10,947.96
	External Static Pressure	Max	mmAq		8	8	8	8	8
		In Wg		0.31	0.31	0.31	0.31	0.31	0.31
Piping Connections	Liquid Pipe	Φ, mm		9.52	9.52	12.7	12.7	15.88	15.88
		Φ, inch		3/8"	3/8"	1/2"	1/2"	5/8"	5/8"
	Gas Pipe	Φ, mm		19.05	22.22	28.58	28.58	28.58	28.58
		Φ, inch		3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
	Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-
		Φ, inch		-	-	-	-	-	-
Installation Limitation	Max. Length	m		200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
		ft		656(722)	656(722)	656(722)	656(722)	656(722)	656(722)
	Max. Height	m		110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
	ft		361(131)	361(131)	361(131)	361(131)	361(131)	361(131)	
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg		5.5	7.4	7.4	8.7	11	11
Sound	Sound Pressure	dB(A)		60	61	61	62	63	64
	Sound Power	dB(A)		77	81	81	83	85	86
External Dimension	Net Weight	kg		193	283	283	298	325	333
		lbs		425.49	623.91	623.91	656.98	716.5	734.14
	Shipping Weight	kg		209	302	302	317	342	350
		lbs		460.77	665.8	665.8	698.87	753.98	771.62
Net Dimensions (WxHxD)	mm		880 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	
	inch		34.65 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	
	mm		948 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	
Shipping Dimensions (WxHxD)	mm		948 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	
	inch		37.32 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	
Operating Temp. Range	Cooling	°F		23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0
		°C		-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9
	Heating	°F		-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0
		°C		-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Nominal capacities are based on:

* Refrigerant piping: 25 feet, vertical separation: 0 feet

* Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB

* Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB

Visit www.AHRIdirectory.org for current AHRI efficiency rating data.

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

Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVMS HP (208~230V)				AM216JXVAFH/AA	AM240JXVAFH/AA	AM264JXVAFH/AA	AM288JXVAFH/AA	AM312JXVAFH/AA	AM336JXVAFH/AA	AM360JXVAFH/AA	
Power Supply	Φ, #, V, Hz			3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP		22.5	25	27.5	30	32.5	35	37.5	
	Ton	Ton		18	20	22	24	26	28	30	
	Capacity (Nominal)	Cooling	Btu/h	216,000	240,000	264,000	288,000	312,000	336,000	360,000	360,000
		Heating	Btu/h	243,000	270,000	297,000	324,000	351,000	378,000	405,000	405,000
Capacity (Rated)	Cooling	Btu/h	206,000	228,000	252,000	276,000	298,000	320,000	340,000	344,000	
	Heating	Btu/h	230,000	258,000	282,000	308,000	334,000	360,000	386,000	386,000	
Power	MCA	A		80.6	94	101	105.2	118.6	132	139	
	MOP	A		-	-	-	-	-	-	-	
Compressor	Type			SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	
	Model Name			DS-GB052FBVASG x 3	DS-GB052FBVASG x 3	DS-GB052FBVASG x 1 + DS4GJ5066EVASG x 2	DS-GB052FBVASG x 4	DS-GB052FBVASG x 4	DS-GB052FBVASG x 4	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 2	
Fan	Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Fan	Output x n	W		620.0 x 2 + 630.0 x 1	630.0 x 1 + 620.0 x 2	630.0 x 1 + 620.0 x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	
	Air Flow Rate	CFM		9,535.32 + 7,239.78	7,239.78 + 10,947.96	7,239.78 + 10,947.96	9,535.32 x 2	9,535.32 + 10,947.96	10,947.96 x 2	10,947.96 x 2	
Piping Connections	External Static Pressure	Max.	mmAq	8	8	8	8	8	8	8	
			In Wg	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
Liquid Pipe	Φ, mm			15.88	15.88	19.05	19.05	19.05	19.05	19.05	
	Φ, inch			5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"	
Gas Pipe	Φ, mm			28.58	28.58	34.92	34.92	34.92	34.92	41.28	
	Φ, inch			1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 5/8"	
Discharge Gas Pipe	Φ, mm			-	-	-	-	-	-	-	
	Φ, inch			-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m		200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
	Max. Height	ft		656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg		14.2	16.5	16.5	17.4	19.7	22	22	
Sound	Sound Pressure	dB(A)		64	65	65	65	66	66	66	
	Sound Power	dB(A)		84	86	87	86	87	88	87	
External Dimension	Net Weight	kg		298.0 + 193.0	193.0 + 325.0	193.0 + 333.0	298.0 x 2	298.0 + 325.0	325.0 x 2	325.0 + 333.0	
	Shipping Weight	lbs		656.98 + 425.49	425.49 + 716.50	425.49 + 734.14	656.98 x 2	656.98 + 716.50	716.50 x 2	716.50 + 734.14	
Shipping Dimensions (WxHxD)	mm			1,295 x 1,695 x 765 + 880 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 765	(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	(1,295 x 1,695 x 765) x 2	
	inch			50.98 x 66.73 x 30.12 + 34.65 x 66.73 x 30.12	34.65 x 66.73 x 30.12 + 50.98 x 66.73 x 30.12	34.65 x 66.73 x 30.12 + 50.98 x 66.73 x 30.12	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	
Operating Temp. Range	Cooling	°F		23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	
	Heating	°C		-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	
Operating Temp. Range	Cooling	°C		-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	
	Heating	°C		-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 Nominal capacities are based on:
 * Refrigerant piping: 25 feet, vertical separation: 0 feet
 * Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB
 * Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB
 Visit www.AHRI.org for current AHRI efficiency rating data.
 Sound pressure was acquired in a dead room. Thus, actual noise level may be different depending on the installation conditions.
 Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVM S HP (208~230V)				AM384JXVAFH/AA	AM408JXVAFH/AA	AM432JXVAFH/AA	AM456JXVAFH/AA	AM480JXVAFH/AA	AM504JXVAFH/AA	AM528JXVAFH/AA	
Power Supply	Φ, #, V, Hz		3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	40	42.5	45	47.5	50	52.5	55	58	
	Ton	Ton	32	34	36	38	40	42	44	46	
	Capacity (Nominal)	Cooling	Btu/h	384,000	408,000	432,000	456,000	480,000	504,000	528,000	552,000
		Heating	Btu/h	432,000	459,000	486,000	513,000	540,000	567,000	594,000	621,000
Capacity (Rated)	Cooling	Btu/h	366,000	390,000	415,000	435,000	455,000	480,000	500,000	520,000	
	Heating	Btu/h	410,000	435,000	460,000	490,000	510,000	535,000	560,000	585,000	
Power	MCA	A	146	153.6	157.8	175	184.6	198	205	218	
	MOP	A	-	-	-	-	-	-	-	-	
Compressor	Type		SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	
	Model Name		DS4GJ5066EVASG x 4	DS-GB052FBVASG x 3 + DS4GJ5066EVASG x 2	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6 + DS4GJ5066EVASG x 2	
Fan	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Fan	Output x n	W	(620.0 x 2) x 2	(620.0 x 2) x 2 + 630.0 x 1	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	
	Air Flow Rate	CFM	10,947.96 x 2	9,535.32 + 7,239.78 + 10,947.96	9,535.32 x 3	9,182.16 + 10,947.96 x 2	9,535.32 + 10,947.96 x 2	10,947.96 x 3	10,947.96 x 3	10,947.96 x 3	
Piping Connections	External Static Pressure	Max.	mmAq	8	8	8	8	8	8	8	
			In Wg	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
Liquid Pipe	Φ, mm		19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05	
	Φ, inch		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
Gas Pipe	Φ, mm		41.28	41.28	41.28	41.28	41.28	41.28	41.28	41.28	
	Φ, inch		1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-	-	-	
	Φ, inch		-	-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
	Max. Height	ft	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	22	25.2	26.1	29.4	30.7	33	33	33	
Sound	Sound Pressure	dB(A)	48.5	55.56	57.54	64.82	67.68	72.75	72.75	72.75	
	Sound Power	dB(A)	67	67	67	67	67	68	68	68	
External Dimension	Net Weight	kg	333.0 x 2	298.0 + 193.0 + 333.0	298.0 x 3	283.0 + 325.0 x 2	298.0 + 325.0 x 2	325.0 x 3	325.0 x 2 + 333.0	325.0 x 2 + 333.0	
	Shipping Weight	lbs	734.14 x 2	656.98 + 425.49 + 734.14	656.98 x 3	623.91 + 716.50 x 2	656.98 + 716.50 x 2	716.50 x 3	716.50 x 2 + 734.14	716.50 x 2 + 734.14	
Shipping Dimensions (WxHxD)	mm		350.0 x 2	317.0 + 209.0 + 350.0	317.0 x 3	302.0 + 342.0 x 2	317.0 + 342.0 x 2	342.0 x 3	342.0 x 2 + 350.0	342.0 x 2 + 350.0	
	inch		771.62 x 2	698.87 + 460.77 + 771.62	698.87 x 3	665.80 + 753.98 x 2	698.87 + 753.98 x 2	753.98 x 3	753.98 x 2 + 771.62	753.98 x 2 + 771.62	
Net Dimensions (WxHxD)	mm		(1,295 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	(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	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	
	inch		(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2 + 34.65 x 66.73 x 30.12	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	
Shipping Dimensions (WxHxD)	mm		(1,363 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	(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	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3	
	inch		(53.66 x 74.29 x 32.76) x 2	(53.66 x 74.29 x 32.76) x 2 + 37.32 x 74.29 x 32.76	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	
Operating Temp. Range	Cooling	°F	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	
	°C		-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	
Heating	°F		-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	
	°C		-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 Nominal capacities are based on:
 * Refrigerant piping: 25 feet, vertical separation: 0 feet
 * Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB
 * Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB
 Visit www.AHRI.org for current AHRI efficiency rating data.
 Sound pressure was acquired in a dead room. Thus, actual noise level may be different depending on the installation conditions.
 Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVM S HR (208~230V)				AM072FXVAFR/AA	AM096FXVAFR/AA	AM120FXVAFR/AA	AM144FXVAFR/AA	AM168HXVAFR/AA	AM192HXVAFR/AA
Model Code				AM072FXVAFR/AA	AM096FXVAFR/AA	AM120FXVAFR/AA	AM144FXVAFR/AA	AM168HXVAFR/AA	AM192HXVAFR/AA
Power Supply	Φ, #, V, Hz		3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	3.3.208-230.60	3.3.208-230.60
Mode			HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP	HP	7.5	10	12.5	15	17.5	20	
	Ton	Ton	6	8	10	12	14	16	
	Capacity (Nominal)	Cooling	Btu/h	72,000	96,000	120,000	144,000	168,000	192,000
		Heating	Btu/h	81,000	108,000	135,000	162,000	189,000	216,000
Capacity (Rated)	Cooling	Btu/h	69,000	92,000	114,000	138,000	160,000	184,000	
	Heating	Btu/h	77,000	103,000	129,000	154,000	180,000	206,000	
Power	MCA	A	28	37.8	43	52.6	66	73	
	MOP	A	-	-	-	-	-	-	
Compressor	Type		SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	
	Model Name		DS-GB052FBVASG x 1	DS-GB052FBVASG x 2	DS-GB052FBVASG x 2	DS-GB052FBVASG x 2	DS-GB052FBVASG x 2	DS4GJ5066EVASG x 2	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	630.0 x 1	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	
	Air Flow Rate	CFM	7,239.78	9,182.16	9,182.16	9,535.32	10,947.96	10,947.96	
	External Static Pressure	Max	mmAq	8	8	8	8	8	
Piping Connections			In Wg	0.31	0.31	0.31	0.31	0.31	
	Liquid Pipe		Φ, mm	9.52	9.52	12.7	12.7	15.88	
			Φ, inch	3/8"	3/8"	1/2"	1/2"	5/8"	
	Gas Pipe		Φ, mm	19.05	22.22	28.58	28.58	28.58	
			Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	
	Discharge Gas Pipe		Φ, mm	15.88	19.05	22.22	22.22	22.22	
			Φ, inch	5/8"	3/4"	7/8"	7/8"	1 1/8"	
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	
Max. Height		ft	656(722)	656(722)	656(722)	656(722)	656(722)		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.5	7.4	7.4	8.7	11		
Sound	Sound Pressure	dB(A)	60	61	61	62	64		
	Sound Power	dB(A)	77	81	81	83	85		
External Dimension	Net Weight	kg	193	283	283	298	325		
	Shipping Weight	lbs	425.49	623.91	623.91	656.98	716.5		
		kg	209	302	302	317	342		
		lbs	460.77	665.8	665.8	698.87	753.98		
Net Dimensions (WxHxD)		mm	880 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765		
		inch	34.65 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12		
		mm	948 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832		
Shipping Dimensions (WxHxD)		inch	37.32 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76		
		°F	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0		
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9		
		°F	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0		
	Heating	°C	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9		
		°F	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Nominal capacities are based on:

* Refrigerant piping: 25 feet, vertical separation: 0 feet

* Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB

* Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB

Visit www.AHRI.org for current AHRI efficiency rating data.

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

Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVMS HR (208~230V)				AM216JXVAFR/AA	AM240JXVAFR/AA	AM264JXVAFR/AA	AM288JXVAFR/AA	AM312JXVAFR/AA	AM336JXVAFR/AA	AM360JXVAFR/AA
Power Supply	Φ, #, V, Hz			3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60
Mode				HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP	HP		22.5	25	27.5	30	32.5	35	37.5
	Ton	Ton		18	20	22	24	26	28	30
	Capacity (Nominal)	Cooling	Btu/h	216,000	240,000	264,000	288,000	312,000	336,000	360,000
		Heating	Btu/h	243,000	270,000	297,000	324,000	351,000	378,000	405,000
Capacity (Rated)	Cooling	Btu/h	206,000	228,000	252,000	276,000	298,000	320,000	344,000	
	Heating	Btu/h	230,000	258,000	282,000	308,000	334,000	360,000	386,000	
Power	MCA	A		80.6	94	101	105.2	118.6	132	139
	MOP	A		-	-	-	-	-	-	-
Compressor	Type			SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
	Model Name			DS-GB052FBVASG x 3	DS-GB052FBVASG x 3	DS-GB052FBVASG x 1 + DS4GJ5066EVASG x 2	DS-GB052FBVASG x 4	DS-GB052FBVASG x 4	DS-GB052FBVASG x 4	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 2
Fan	Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE
	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
Fan	Output x n	W		620.0 x 2 + 630.0 x 1	630.0 x 1 + 620.0 x 2	630.0 x 1 + 620.0 x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2
	Air Flow Rate	CFM		9,535.32 + 7,239.78	7,239.78 + 10,947.96	7,239.78 + 10,947.96	9,535.32 x 2	9,535.32 + 10,947.96	10,947.96 x 2	10,947.96 x 2
Piping Connections	External Static Pressure	Max.	mmAq	8	8	8	8	8	8	8
			In Wg	0.31	0.31	0.31	0.31	0.31	0.31	0.31
Piping Connections	Liquid Pipe	Φ, mm		15.88	15.88	19.05	19.05	19.05	19.05	19.05
		Φ, inch		5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"
	Gas Pipe	Φ, mm		28.58	28.58	34.92	34.92	34.92	34.92	41.28
		Φ, inch		1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 5/8"
	Discharge Gas Pipe	Φ, mm		28.58	28.58	28.58	28.58	28.58	28.58	34.92
		Φ, inch		1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 3/8"
Installation Limitation	Max. Length	m		200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
	Max. Height	ft		656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg		14.2	16.5	16.5	17.4	19.7	22	22
Sound	Sound Pressure	dB(A)		64	65	65	65	66	66	66
	Sound Power	dB(A)		84	86	87	86	87	88	87
External Dimension	Net Weight	kg		298.0 + 193.0	193.0 + 325.0	193.0 + 333.0	298.0 x 2	298.0 + 325.0	325.0 x 2	325.0 + 333.0
		lbs		656.98 + 425.49	425.49 + 716.50	425.49 + 734.14	656.98 x 2	656.98 + 716.50	716.50 x 2	716.50 + 734.14
	Shipping Weight	kg		317.0 + 209.0	209.0 + 342.0	209.0 + 350.0	317.0 x 2	317.0 + 342.0	342.0 x 2	342.0 + 350.0
		lbs		698.87 + 460.77	460.77 + 753.98	460.77 + 771.62	698.87 x 2	698.87 + 753.98	753.98 x 2	753.98 + 771.62
Net Dimensions (WxHxD)	mm			1,295 x 1,695 x 765 + 880 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 765	(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	(1,295 x 1,695 x 765) x 2
	inch			50.98 x 66.73 x 30.12 + 34.65 x 66.73 x 30.12	34.65 x 66.73 x 30.12 + 50.98 x 66.73 x 30.12	34.65 x 66.73 x 30.12 + 50.98 x 66.73 x 30.12	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2
Shipping Dimensions (WxHxD)	mm			1,363 x 1,887 x 832 + 948 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 832	(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	(1,363 x 1,887 x 832) x 2
	inch			53.66 x 74.29 x 32.76 + 37.32 x 74.29 x 32.76	37.32 x 74.29 x 32.76 + 53.66 x 74.29 x 32.76	37.32 x 74.29 x 32.76 + 53.66 x 74.29 x 32.76	(53.66 x 74.29 x 32.76) x 2	(53.66 x 74.29 x 32.76) x 2	(53.66 x 74.29 x 32.76) x 2	(53.66 x 74.29 x 32.76) x 2
Operating Temp. Range	Cooling	°F		23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0
		°C		-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9
	Heating	°F		-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0
		°C		-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 Nominal capacities are based on:
 * Refrigerant piping: 25 feet, vertical separation: 0 feet
 * Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB
 * Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB
 Visit www.AHRI.org for current AHRI efficiency rating data.
 Sound pressure was acquired in a dead room. Thus, actual noise level may be different depending on the installation conditions.
 Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVM S HR (208~230V)				AM384JXVAFR/AA	AM408JXVAFR/AA	AM432JXVAFR/AA	AM456JXVAFR/AA	AM480JXVAFR/AA	AM504JXVAFR/AA	AM528JXVAFR/AA	
Power Supply	Φ, #, V, Hz			3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	
Mode				HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	
Performance	HP	HP		40	42.5	45	47.5	50	52.5	55	
	Ton	Ton		32	34	36	38	40	42	44	
	Capacity (Nominal)	Cooling	Btu/h	384,000	408,000	432,000	456,000	480,000	504,000	528,000	
		Heating	Btu/h	432,000	459,000	486,000	513,000	540,000	567,000	594,000	
Capacity (Rated)	Cooling	Btu/h	366,000	390,000	415,000	435,000	455,000	480,000	500,000		
	Heating	Btu/h	410,000	435,000	460,000	490,000	510,000	535,000	560,000		
Power	MCA	A		146	153.6	157.8	175	184.6	198	205	
	MOP	A		-	-	-	-	-	-	-	
Compressor	Type			SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	
	Model Name			DS4GJ5066EVASG x 4	DS-GB052FBVASG x 3 + DS4GJ5066EVASG x 2	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6	DS-GB052FBVASG x 6 + DS4GJ5066EVASG x 2	
Fan	Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Fan	Output x n	W		(620.0 x 2) x 2	(620.0 x 2) x 2 + 630.0 x 1	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	
	Air Flow Rate	CFM		10,947.96 x 2	9,535.32 + 7,239.78 + 10,947.96	9,535.32 x 3	9,182.16 + 10,947.96 x 2	9,535.32 + 10,947.96 x 2	10,947.96 x 3	10,947.96 x 3	
Piping Connections	External Static Pressure	Max.	mmAq	8	8	8	8	8	8	8	
			In Wg	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
Piping Connections	Liquid Pipe	Φ, mm		19.05	19.05	19.05	19.05	19.05	19.05	19.05	
		Φ, inch		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
	Gas Pipe	Φ, mm		41.28	41.28	41.28	41.28	41.28	41.28	41.28	
		Φ, inch		1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
	Discharge Gas Pipe	Φ, mm		34.92	34.92	34.92	34.92	34.92	34.92	34.92	
		Φ, inch		1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
	Installation Limitation	Max. Length	m		200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
		Max. Height	ft		656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg		22	25.2	26.1	29.4	30.7	33	33	
Sound	Sound Pressure	dB(A)		48.5	55.56	57.54	64.82	67.68	72.75	72.75	
	Sound Power	dB(A)		67	67	67	67	67	68	68	
External Dimension	Net Weight	kg		333.0 x 2	298.0 + 193.0 + 333.0	298.0 x 3	283.0 + 325.0 x 2	298.0 + 325.0 x 2	325.0 x 3	325.0 x 2 + 333.0	
		lbs		734.14 x 2	656.98 + 425.49 + 734.14	656.98 x 3	623.91 + 716.50 x 2	656.98 + 716.50 x 2	716.50 x 3	716.50 x 2 + 734.14	
	Shipping Weight	kg		350.0 x 2	317.0 + 209.0 + 350.0	317.0 x 3	302.0 + 342.0 x 2	317.0 + 342.0 x 2	342.0 x 3	342.0 x 2 + 350.0	
		lbs		771.62 x 2	698.87 + 460.77 + 771.62	698.87 x 3	665.80 + 753.98 x 2	698.87 + 753.98 x 2	753.98 x 3	753.98 x 2 + 771.62	
	Net Dimensions (WxHxD)	mm		(1,295 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	(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	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3
		inch		(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2 + 34.65 x 66.73 x 30.12	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3
Shipping Dimensions (WxHxD)	mm		(1,363 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	(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	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3	
	inch		(53.66 x 74.29 x 32.76) x 2	(53.66 x 74.29 x 32.76) x 2 + 37.32 x 74.29 x 32.76	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	
Operating Temp. Range	Cooling	°F		23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	
		°C		-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	
Operating Temp. Range	Heating	°F		-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	
		°C		-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 Nominal capacities are based on:
 * Refrigerant piping: 25 feet, vertical separation: 0 feet
 * Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB
 * Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB
 Visit www.AHRI.org for current AHRI efficiency rating data.
 Sound pressure was acquired in a dead room. Thus, actual noise level may be different depending on the installation conditions.
 Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (380V)				AM080FXVAHH/TC	AM100FXVAHH/TC	AM120FXVAHH/TC	AM140FXVAHH/TC	AM160FXVAHH/TC	AM180FXVAHH/TC	
Model Code										
Power Supply	Φ, #, V, Hz		3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	8	10	12	14	16	18		
	Ton	Ton	6.5	8	10	11.5	13	15		
	Capacity (Nominal)	Cooling	kW	22.4	28	33.6	40	45	50.4	
		Heating	Btu/h	76,400	95,500	114,600	136,500	153,500	172,000	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	4.8	6.7	8.1	8.6	10.7	12.73	
		Heating ²⁾	kW	5.1	6.61	8.6	9.4	11.3	11.65	
	Current Input (Nominal)	Cooling ¹⁾	A	8.1	11.3	13.6	14.5	18	21.4	
		Heating ²⁾	A	8.6	11.1	14.5	15.8	19	19.6	
	MCA		22.50 (MCA)	29.90 (MCA)	31.30 (MCA)	31.30 (MCA)	40.00 (MCA)	48.90 (MCA)		
	MFA	A	30	40	40	40	40	50		
COP	Nominal Cooling ¹⁾		4.67	4.18	4.15	4.65	4.21	3.96		
	Nominal Heating ²⁾		4.94	4.77	4.4	4.79	4.42	4.87		
Compressor	Type		SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2		
	Output	kW x n	-4.96	-6.13	-6.13	-6.13	(4.96x2)	(6.13x2)		
	Model Name		DS-GB052FAVB x 1	DS-GB066FAVB x 1	DS-GB066FAVB x 1	DS-GB066FAVB x 1	DS-GB052FAVB x 2	DS-GB066FAVB x 2		
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	2300	2300	2300	2300	4600	4600		
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n	W	630.0 x 1	630.0 x 1	630.0 x 1	500.0 x 2	500.0 x 2	500.0 x 2		
	Air Flow Rate	CMM	0	173	173	226	250	270		
	External Static Pressure		l/s	0	2,883.33	2,883.33	3,766.67	4,166.67	4,500.00	
Max.		mmAq	8	8	8	8	8	8		
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.7	12.7	12.7	15.88		
		Φ, inch	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"		
	Gas Pipe	Φ, mm	19.05	22.22	28.58	28.58	28.58	28.58		
		Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"		
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Installation Limitation	Max. Length	m	200	200	200	200	200	200	
		Max. Height	m	110	110	110	110	110	110	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-		
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.5	5.2	5.5	7.7	7.4	8.7		
Sound ³⁾	Sound Pressure	dB(A)	57	58	62	61	63	64		
	Sound Power	dB(A)	77	79	81	81	83	86		
External Dimension	Net Weight	kg	190	190	190	235	278	300		
	Shipping Weight	kg	206	206	206	254	297	319		
	Net Dimensions (WxHxD)	mm	880 x 1,695 x 765	880 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	1,295 x 1,695 x 765		
Operating Temp. Range	Cooling	°C	-5.0 ~ 54.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0		
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 6.6 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (380V)				AM200FXVAHH/TC	AM220FXVAHH/TC	AM240HXVAHH/TC	AM260HXVAHH/TC	AM280FXVAHH1TC	AM300FXVAHH1TC
Power Supply	Φ, #, V, Hz		3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP	20	22	24	26	28	30	
	Ton	Ton	16.5	18	20	21.5	23	25	
	Capacity (Nominal)	Cooling	kW	56	61.6	67.2	72.8	78.6	84
		Heating	kW	63	69.3	75.6	81.9	87.8	94.5
		Btu/h	191,100	210,200	229,300	248,400	268,200	286,600	
		Btu/h	215,000	236,500	258,000	279,500	299,600	322,400	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	15.19	17.35	17.1	19.3	18.8	20.83
		Heating ²⁾	kW	13.45	16.7	19.8	21.8	19.9	20.25
	Current Input (Nominal)	Cooling ¹⁾	A	25.6	29.2	26.83	30.28	31.6	35
		Heating ²⁾	A	22.7	28.1	31.06	34.2	33.5	34.1
MCA			52.50 (MCA)	55.60 (MCA)	60.50 (MCA)	63.80 (MCA)	62.70 (MCA)	70.50 (MCA)	
MFA	A		75	75	75	75	75	90	
COP	Nominal Cooling ¹⁾		3.69	3.55	3.93	3.77	4.18	4.03	
	Nominal Heating ²⁾		4.68	4.15	3.82	3.76	4.41	4.67	
Compressor	Type		SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3	
	Output	kW x n	(6.13x2)	(6.13x2)	(6.39x2)	(6.76x2)	(6.13) + (4.96x2)	(6.13) + (6.13x2)	
	Model Name		DS-GB066FAVB x 2	DS-GB066FAVB x 2	DS-GB070FAVBSG x 2	DS-GB070FAVBSG x 2	DS-GB066FAVB x 1 + DS-GB052FAVB x 2	DS-GB066FAVB x 3	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	4600	4600	2200	2200	6900	6900	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	500.0 x 2	500.0 x 2	620.0 x 2	620.0 x 2	630.0 x 1 + 500.0 x 2	630.0 x 1 + 500.0 x 2	
	Air Flow Rate	CMM	275	275	310	310	173 + 250	173 + 270	
	External Static Pressure	Max.	mmAq	8	8	8	8	8	
		Pa	78.45	78.45	78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm	15.88	15.88	15.88	19.05	19.05	19.05	
		Φ, inch	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"	
	Gas Pipe	Φ, mm	28.58	28.58	34.92	34.92	34.92	34.92	
		Φ, inch	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	200	200	200	200	200	200	
	Max. Height	m	110	110	110	110	110	110	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	8.4	8.4	14.3	14.3	12.9	14.2	
Sound ³⁾	Sound Pressure	dB(A)	65	67	67	67	-	-	
	Sound Power	dB(A)	87	89	91	91	-	-	
External Dimension	Net Weight	kg	300	300	360	360	190.0 + 278.0	190.0 + 300.0	
	Shipping Weight	kg	319	319	375	375	206.0 + 297.0	206.0 + 319.0	
	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	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 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	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 832	
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 6.6 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (380V)				AM320FXVAHH1TC	AM340FXVAHH1TC	AM360FXVAHH1TC	AM380FXVAHH1TC	AM400FXVAHH1TC	AM420FXVAHH1TC	
Power Supply	Φ, #, V, Hz		3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	32	34	36	38	40	42	45	
	Ton	Ton	26.5	28	30	31.5	33	35	37	
	Capacity (Nominal)	Cooling	kW	89.6	95.2	101.6	106.6	112	117.6	123
		Heating	kW	100.8	107.1	114.3	119.3	126	132.3	139
Power	Power Input (Nominal)	Cooling ¹⁾	Btu/h	305,700	324,800	346,700	363,700	382,200	401,300	
		Heating ²⁾	Btu/h	343,900	365,400	390,000	407,100	429,900	451,400	
	Current Input (Nominal)	Cooling ¹⁾	kW	23.29	25.45	26.1	28.05	30.38	32.54	
		Heating ²⁾	kW	22.05	25.3	26.1	28	26.9	30.15	
	MCA		A	39.2	42.8	43.7	47.2	51.2	54.8	
			A	37.2	42.6	43.9	47.1	45.4	50.8	
COP	Nominal Cooling ¹⁾		73.70 (MCA)	76.50 (MCA)	76.50 (MCA)	84.20 (MCA)	92.40 (MCA)	95.20 (MCA)		
	Nominal Heating ²⁾		90	90	90	100	100	125		
Compressor	Type		SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4		
	Output	kW x n	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(4.96x2) + (6.13x2)	(6.13x2)x2	(6.13x2)x2		
	Model Name		DS-GB066FAVB x 3	DS-GB066FAVB x 3	DS-GB066FAVB x 3	DS-GB052FAVB x 2 + DS-GB066FAVB x 2	DS-GB066FAVB x 4	DS-GB066FAVB x 4		
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	6900	6900	6900	9200	9200	9200		
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n	W	630.0 x 1 + 500.0 x 2	630.0 x 1 + 500.0 x 2	(500.0 x 2) x 2	(500.0 x 2) x 2	(500.0 x 2) x 2	(500.0 x 2) x 2		
	Air Flow Rate	CMM	173 + 275	173 + 275	226 + 275	250 + 275	275 x 2	275 x 2		
	External Static Pressure	Max. mmAq	2,883.33 + 4,583.33	2,883.33 + 4,583.33	3,766.67 + 4,583.33	4,166.67 + 4,583.33	4,583.33 x 2	4,583.33 x 2		
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	19.05	19.05		
		Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"		
	Gas Pipe	Φ, mm	34.92	34.92	41.28	41.28	41.28	41.28		
		Φ, inch	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"		
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Installation Limitation	Max. Length	m	200	200	200	200	200		
		Max. Height	m	110	110	110	110	110		
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-			
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5			
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A			
	Factory Charging	kg	13.9	13.9	16.1	15.8	16.8			
Sound ³⁾	Sound Pressure	dB(A)	-	-	-	-	-			
	Sound Power	dB(A)	-	-	-	-	-			
External Dimension	Net Weight	kg	190.0 + 300.0	190.0 + 300.0	235.0 + 300.0	278.0 + 300.0	300.0 x 2	300.0 x 2		
	Shipping Weight	kg	206.0 + 319.0	206.0 + 319.0	254.0 + 319.0	297.0 + 319.0	319.0 x 2	319.0 x 2		
	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	(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	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	(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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0		
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 6.6 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (380V)				AM440FXVAHH1TC	AM460FXVAHH1TC	AM480FXVAHH1TC	AM500FXVAHH1TC	AM520FXVAHH1TC	AM540FXVAHH1TC	
Power Supply	Φ, #, V, Hz		3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	44	46	48	50	52	54	54	
	Ton	Ton	36.5	38	40	41.5	43	44.5	44.5	
	Capacity (Nominal)	Cooling	kW	123.2	128.8	135.2	140.2	145.6	151.2	151.2
		Heating	kW	138.6	144.9	152.1	157.1	163.8	170.1	170.1
			Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	
Power	Power Input (Nominal)	Cooling ¹⁾	34.7	33.55	34.05	36.15	38.18	40.64	40.64	
		Heating ²⁾	33.4	33.9	34.7	36.6	36.95	38.75	38.75	
	Current Input (Nominal)	Cooling ¹⁾	58.4	56.4	57.3	60.8	64.2	68.4	68.4	
		Heating ²⁾	56.2	57.1	58.4	61.6	62.2	65.3	65.3	
	MCA		97.90 (MCA)	104.00 (MCA)	104.00 (MCA)	111.70 (MCA)	119.50 (MCA)	122.70 (MCA)	122.70 (MCA)	
	MFA		125	125	125	125	125	150	150	
COP	Nominal Cooling ¹⁾		3.55	3.84	3.97	3.88	3.81	3.72	3.72	
	Nominal Heating ²⁾		4.15	4.27	4.38	4.29	4.43	4.39	4.39	
Compressor	Type		SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5	
	Output	kW x n	(6.13x2)x2	(6.13x2) + (6.13x2)	(6.13) + (6.13) + (6.13x2)	(6.13) + (4.96x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	
	Model Name		DS-GB066FAVB x 4	DS-GB066FAVB x 4	DS-GB066FAVB x 4	DS-GB066FAVB x 3 + DS-GB052FAVB x 2	DS-GB066FAVB x 5	DS-GB066FAVB x 5	DS-GB066FAVB x 5	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	9200	9200	9200	11500	11500	11500		
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	(500.0 x 2) x 2	(630.0 x 1) x 2 + 500.0 x 2	630.0 x 1 + (500.0 x 2) x 2	630.0 x 1 + (500.0 x 2) x 2	630.0 x 1 + (500.0 x 2) x 2	630.0 x 1 + (500.0 x 2) x 2	630.0 x 1 + (500.0 x 2) x 2	
	Air Flow Rate	CMM	275 x 2	173 x 2 + 275	173 + 226 + 275	173 + 250 + 275	173 + 270 + 275	173 + 275 x 2	173 + 275 x 2	
	External Static Pressure	Max.	mmAq	8	8	8	8	8	8	
		Pa	78.45	78.45	78.45	78.45	78.45	78.45		
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	19.05	19.05	19.05	
		Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
	Gas Pipe	Φ, mm	41.28	41.28	41.28	41.28	41.28	41.28	41.28	
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	200	200	200	200	200	200		
	Max. Height	m	110	110	110	110	110	110		
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-	
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	16.8	19.4	21.6	21.3	22.6	22.3		
Sound ³⁾	Sound Pressure	dB(A)	-	-	-	-	-	-		
	Sound Power	dB(A)	-	-	-	-	-	-		
External Dimension	Net Weight	kg	300.0 x 2	190.0 x 2 + 300.0	190.0 + 235.0 + 300.0	190.0 + 278.0 + 300.0	190.0 + 300.0 x 2	190.0 + 300.0 x 2		
	Shipping Weight	kg	319.0 x 2	206.0 x 2 + 319.0	206.0 + 254.0 + 319.0	206.0 + 297.0 + 319.0	206.0 + 319.0 x 2	206.0 + 319.0 x 2		
	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	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	(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	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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0		
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 6.6 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (380V)				AM560FXVAHH1TC	AM580FXVAHH1TC	AM600FXVAHH1TC	AM620FXVAHH1TC	AM640FXVAHH1TC	AM660FXVAHH1TC	
Power Supply	Φ, #, V, Hz		3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	56	58	60	62	64	66	68	
	Ton	Ton	46.5	48	49.5	51.5	53	54.5	56	
	Capacity (Nominal)	Cooling	kW	156.8	163.2	168.2	173.6	179.2	184.8	190.4
		Heating	kW	176.4	183.6	188.6	195.3	201.6	207.9	214.2
			Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	
			535,000	556,900	573,900	592,300	611,500	630,600	650,000	
			601,900	626,500	643,500	666,400	687,900	709,400	731,000	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	42.8	43.3	45.4	47.73	49.89	52.05	
		Heating ²⁾	kW	42	42.8	44.7	43.6	46.85	50.1	
	Current Input (Nominal)	Cooling ¹⁾	A	72	72.9	76.4	80.4	84	87.6	
		Heating ²⁾	A	70.7	72	75.2	73.5	78.9	84.3	
MCA			125.40 (MCA)	125.40 (MCA)	133.10 (MCA)	141.40 (MCA)	144.10 (MCA)	146.90 (MCA)		
MFA			150	150	150	200	200	200		
COP	Nominal Cooling ¹⁾		3.66	3.77	3.7	3.64	3.59	3.55	3.5	
	Nominal Heating ²⁾		4.2	4.29	4.22	4.48	4.3	4.15		
Compressor	Type		SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6		
	Output	kW x n	(6.13) + (6.13x2)x2	(6.13) + (6.13x2)x2	(4.96x2) + (6.13x2)x2	(6.13x2)x2 + (6.13x2)	(6.13x2)x2 + (6.13x2)	(6.13x2)x2 + (6.13x2)	(6.13x2)x2 + (6.13x2)	
	Model Name		DS-GB066FAVB x 5	DS-GB066FAVB x 5	DS-GB052FAVB x 2 + DS-GB066FAVB x 4	DS-GB066FAVB x 6	DS-GB066FAVB x 6	DS-GB066FAVB x 6		
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	11500	11500	13800	13800	13800	13800		
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n	W	630.0 x 1 + (500.0 x 2) x 2	(500.0 x 2) x 3	(500.0 x 2) x 3	(500.0 x 2) x 3	(500.0 x 2) x 3	(500.0 x 2) x 3		
	Air Flow Rate	CMM	173 + 275 x 2	226 + 275 x 2	250 + 275 x 2	275 x 3	275 x 3	275 x 3		
	External Static Pressure	Max.	mmAq	8	8	8	8	8		
		Pa	78.45	78.45	78.45	78.45	78.45			
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	22.22	22.22	22.22		
		Φ, inch	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"		
	Gas Pipe	Φ, mm	41.28	41.28	41.28	53.98	53.98	53.98		
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	2 1/8"	2 1/8"	2 1/8"		
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
Installation Limitation	Max. Length	m	200	200	200	200	200	200		
	Max. Height	m	110	110	110	110	110	110		
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-		
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	22.3	24.5	24.2	25.2	25.2	25.2		
Sound ³⁾	Sound Pressure	dB(A)	-	-	-	-	-	-		
	Sound Power	dB(A)	-	-	-	-	-	-		
External Dimension	Net Weight	kg	190.0 + 300.0 x 2	235.0 + 300.0 x 2	278.0 + 300.0 x 2	300.0 x 3	300.0 x 3	300.0 x 3		
	Shipping Weight	kg	206.0 + 319.0 x 2	254.0 + 319.0 x 2	297.0 + 319.0 x 2	319.0 x 3	319.0 x 3	319.0 x 3		
	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	(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	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	(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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0		
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 6.6 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DD(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (380V)				AM680FXVAHH1TC	AM700FXVAHH1TC	AM720FXVAHH1TC	AM740FXVAHH1TC	AM760FXVAHH1TC	AM780FXVAHH1TC	AM800FXVAHH1TC	
Power Supply	Φ, #, V, Hz			3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	3,4,380,60	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP		68	70	72	74	76	78	80	
	Ton	Ton		56	58	59.5	61	63	64.5	66	
	Capacity (Nominal)	Cooling	kW		190.4	196.8	201.8	207.2	212.8	218.4	224.8
			Btu/h		649,700	671,500	688,600	707,000	726,100	745,200	767,000
			kW		214.2	221.4	226.4	233.1	239.4	245.7	252.9
	Heating	Btu/h		730,900	755,400	772,500	795,400	816,900	838,400	862,900	
Power	Power Input (Nominal)	Cooling ¹⁾	kW		50.9	51.4	53.5	55.53	57.99	60.15	
		Heating ²⁾	kW		50.6	51.4	53.3	55.45	58.7	59.5	
	Current Input (Nominal)	Cooling ¹⁾	A		85.6	86.5	90	93.4	97.6	101.2	
		Heating ²⁾	A		85.2	86.5	89.7	90.3	93.4	98.8	
	MCA			152.90 (MCA)	152.90 (MCA)	160.60 (MCA)	168.40 (MCA)	171.60 (MCA)	174.40 (MCA)	174.40 (MCA)	
MFA	A		200	200	200	200	200	200	200		
COP	Nominal Cooling ¹⁾			3.74	3.83	3.77	3.73	3.67	3.63	3.71	
	Nominal Heating ²⁾			4.23	4.31	4.25	4.34	4.32	4.19	4.25	
Compressor	Type			SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	
	Output	kW x n		(6.13x2 + (6.13x2)x2)	(6.13) + (6.13) + (6.13x2)x2	(6.13) + (4.96x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2)x3	(6.13) + (6.13x2)x3
	Model Name			DS-GB066FAVB x 6	DS-GB066FAVB x 6	DS-GB066FAVB x 5 + DS-GB052FAVB x 2	DS-GB066FAVB x 7	DS-GB066FAVB x 7	DS-GB066FAVB x 7	DS-GB066FAVB x 7	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc		13800	13800	16100	16100	16100	16100	16100	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W		(630.0 x 1) x 2 + (500.0 x 2) x 2	630.0 x 1 + (500.0 x 2) x 3	630.0 x 1 + (500.0 x 2) x 3	630.0 x 1 + (500.0 x 2) x 3	630.0 x 1 + (500.0 x 2) x 3	630.0 x 1 + (500.0 x 2) x 3	(500.0 x 2) x 4	
	Air Flow Rate	CMM		173 x 2 + 275 x 2	173 + 226 + 275 x 2	173 + 250 + 275 x 2	173 + 270 + 275 x 2	173 + 275 x 3	173 + 275 x 3	226 + 275 x 3	
	External Static Pressure	Max. mmAq		2,883.33 x 2 + 4,583.33 x 2	2,883.33 + 3,766.67 + 4,583.33 x 2	2,883.33 + 4,166.67 + 4,583.33 x 2	2,883.33 + 4,500.00 + 4,583.33 x 2	2,883.33 + 4,583.33 x 3	2,883.33 + 4,583.33 x 3	3,766.67 + 4,583.33 x 3	
Piping Connections	Liquid Pipe	Φ, mm		22.22	22.22	22.22	22.22	22.22	22.22	22.22	
		Φ, inch		7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	
		Φ, mm		53.98	53.98	53.98	53.98	53.98	53.98	53.98	
	Gas Pipe	Φ, inch		2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	
		Φ, mm		-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
	Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm		-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m		200	200	200	200	200	200		
	Max. Height	m		110	110	110	110	110	110		
Field Wiring	Power Source Wire	mm ²		-	-	-	-	-	-	-	
	Transmission Cable	mm ²		0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg		27.8	30	29.7	31	30.7	30.7	32.9	
Sound ³⁾	Sound Pressure	dB(A)		-	-	-	-	-	-		
	Sound Power	dB(A)		-	-	-	-	-	-		
External Dimension	Net Weight	kg		190.0 x 2 + 300.0 x 2	190.0 + 235.0 + 300.0 x 2	190.0 + 278.0 + 300.0 x 2	190.0 + 300.0 x 3	190.0 + 300.0 x 3	190.0 + 300.0 x 3	235.0 + 300.0 x 3	
	Shipping Weight	kg		206.0 x 2 + 319.0 x 2	206.0 + 254.0 + 319.0 x 2	206.0 + 297.0 + 319.0 x 2	206.0 + 319.0 x 3	206.0 + 319.0 x 3	206.0 + 319.0 x 3	254.0 + 319.0 x 3	
	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	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	(1,295 x 1,695 x 765) x 4	
	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	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	(1,363 x 1,887 x 832) x 4	
Operating Temp. Range	Cooling	°C		-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C		-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * 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) Nominal heating capacities are based on: Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m , Level differences : 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (460V)			AM080JXVAJH/AZ	AM100JXVAJH/AZ	AM120JXVAJH/AZ	AM140JXVAJH/AZ	AM160JXVAJH/AZ	AM180JXVAJH/AZ	AM200JXVAJH/AZ	
Power Supply	Φ, #, V, Hz		3,3460.60	3,3460.60	3,3460.60	3,3460.60	3,3460.60	3,3460.60	3,3460.60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	8.00	10.00	12.00	14.00	16.00	18.00	20.00	
	Ton	Ton	6.5	8	10	11.5	13	15	16.5	
	Capacity (Nominal)	Cooling	kW	22.39	27.99	33.59	40	44.99	50.41	56.01
			Btu/h	76,400	95,500	114,600	136,500	153,500	172,000	191,100
		Heating	kW	25.2	31.51	37.81	44.99	50.41	56.71	63.01
Btu/h			86,000	107,500	129,000	153,500	172,000	193,500	215,000	
Power	Power Input (Nominal)	Cooling ¹⁾	4.35	5.5	7.22	8.47	10.64	12.7	14.45	
		Heating ²⁾	4.44	5.33	7.4	9.18	10.3	12.7	14.45	
	Current Input (Nominal)	Cooling ¹⁾	6.1	7.7	10.1	11.8	14.8	16	17.7	
		Heating ²⁾	6.2	7.4	10.3	12.8	14.4	17.7	20.0	
	MCA		22.00 (MCA)	24.00 (MCA)	26.00 (MCA)	31.00 (MCA)	35.00 (MCA)	42.00 (MCA)	52.00 (MCA)	
	MFA	A	30	30	30	40	40	50	75	
COP	Nominal Cooling ¹⁾		5.15	5.09	4.65	4.72	4.23	4.73	4.89	
	Nominal Heating ²⁾		5.68	5.91	5.11	4.9	4.89	5.45	4.96	
Compressor	Type		SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	
	Output	kW x n	-4.39	-6.39	-6.39	(4.39x2)	(4.39x2)	-	(6.39x2)	
	Model Name		DS-GA046FAVASG x 1	DS-GB066FAVBSG x 1	DS-GB066FAVBSG x 1	DS-GA046FAVASG x 2	DS-GA046FAVASG x 2	DS4GJ5066EVAASG x 2	DS-GB066FAVBSG x 2	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	900	1100	1100	1800	1800	5600	2200	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	830.0 x 1	830.0 x 1	830.0 x 1	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	
	Air Flow Rate	CMM	170	170	220	255	255	260	265	
	External Static Pressure	Max.	mmAq	2,833.33	2,833.33	3,666.67	4,250.00	4,250.00	4,333.33	4,416.67
Pa			8	8	8	8	8	8	8	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.7	12.7	12.7	15.88	15.88	
		Φ, inch	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	5/8"	
	Gas Pipe	Φ, mm	19.05	22.22	28.58	28.58	28.58	28.58	28.58	
		Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
	Installation Limitation	Max. Length	m	200	200	200	200	200	200	
		Max. Height	m	110	110	110	110	110	110	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-	
	Transmission Cable	mm ²	-	-	-	-	-	-	-	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	5.5	5.5	6.5	7.7	7.7	8.4	8.4	
Sound ³⁾	Sound Pressure	dB(A)	57	58	62	61	63	64	65	
	Sound Power	dB(A)	77	79	81	81	83	86	87	
	Net Weight	kg	188	195	206	283	283	305	305	
External Dimension	Shipping Weight	kg	204	211	222	302	302	324	324	
	Net Dimensions (WxHxD)	mm	880 x 1,695 x 765	880 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	1,295 x 1,695 x 765	1,295 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	1,363 x 1,887 x 832	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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 68 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (460V)			AM220JXVAJH/AZ	AM240JXVAJH/AZ	AM260JXVAJH/AZ	AM280JXVAJH/AZ	AM300JXVAJH/AZ	AM320JXVAJH/AZ	
Model Code									
Power Supply	Φ, #, V, Hz		3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	22.00	24.00	26.00	28.00	30.00	32.00	
	Ton	Ton	18	20	21.5	23	25	26.5	
	Capacity (Nominal)	Cooling	kW	61.6	67.17	73.59	78.57	83.99	89.59
			Btu/h	210,200	229,200	251,100	268,100	286,600	305,700
		Heating	kW	69.31	75.61	82.79	88.21	94.52	100.82
		Btu/h	236,500	258,000	282,500	301,000	322,500	344,000	
Power	Power Input (Nominal)	Cooling ¹⁾	15.35	14.44	15.69	17.86	17.88	18.67	
		Heating ²⁾	15.8	14.80	16.58	17.70	17.80	20.10	
	Current Input (Nominal)	Cooling ¹⁾	21.4	20.20	21.90	24.90	25.00	26.10	
		Heating ²⁾	22	20.60	23.10	24.70	24.80	28.00	
	MCA		58.00 (MCA)	52.00 (MCA)	57.00 (MCA)	61.00 (MCA)	68.00 (MCA)	78.00 (MCA)	
MFA	A	75	-	-	-	-	-		
COP	Nominal Cooling ¹⁾		4.01	4.65	4.69	4.40	4.70	4.80	
	Nominal Heating ²⁾		4.39	5.11	4.99	4.98	5.31	5.02	
Compressor	Type		SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	
	Output	kW x n	(6.39x2)	(6.39x2)	(6.39) + (4.39x2)	(6.39) + (4.39x2)	(6.39) + (6.39x2)	(6.39) + (6.39x2)	
	Model Name		DS-GB066FAVBSG x 2	DS-GB066FAVBSG x 2	DS-GB066FAVBSG x 1 + DS-GA046FAVASG x 2	DS-GB066FAVBSG x 1 + DS-GA046FAVASG x 2	DS-GB066FAVBSG x 1 + DS4QJ5066EVASG x 2	DS-GB066FAVBSG x 3	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	2200	2200	2900	2900	6700	3300	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	620.0 x 2	(830.0 x 1) x 2	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	
	Air Flow Rate	CMM	290	220 x 2	220 + 255	220 + 255	220 + 260	220 + 265	
	External Static Pressure		mmAq	4,833.33	3,666.67 x 2	3,666.67 + 4,250.00	3,666.67 + 4,250.00	3,666.67 + 4,333.33	3,666.67 + 4,416.67
		Max.	Pa	8	8.00	8.00	8.00	8.00	8.00
Piping Connections	Liquid Pipe	Φ, mm	15.88	15.88	19.05	19.05	19.05	19.05	
		Φ, inch	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	
	Gas Pipe	Φ, mm	28.58	34.92	34.92	34.92	34.92	34.92	
		Φ, inch	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Installation Limitation	Max. Length	m	200	200	200	200	200	
		Max. Height	m	110	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	
	Transmission Cable	mm ²	-	-	-	-	-	-	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	8.4	13.00	14.20	14.20	14.90	14.90	
Sound ³⁾	Sound Pressure	dB(A)	65	65.0	65.0	66.0	66.0	67.0	
	Sound Power	dB(A)	89	84.0	84.0	85.0	87.0	88.0	
	Net Weight	kg	305	206.0 x 2	206.0 + 283.0	206.0 + 283.0	206.0 + 305.0	206.0 + 305.0	
External Dimension	Shipping Weight	kg	324	222.0 x 2	222.0 + 302.0	222.0 + 302.0	222.0 + 324.0	222.0 + 324.0	
	Net Dimensions (WxHxD)	mm	1,295 x 1,695 x 765	(880 x 1,695 x 765) x 2	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	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	1,363 x 1,887 x 832	(948 x 1,887 x 832) x 2	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	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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 68 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (460V)				AM340JXVAJH/AZ	AM360JXVAJH/AZ	AM380JXVAJH/AZ	AM400JXVAJH/AZ	AM420JXVAJH/AZ	AM440JXVAJH/AZ	
Model Code										
Power Supply	Φ, #, V, Hz		3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	34.00	36.00	40.00	42.00	44.00	46.00	48.00	
	Ton	Ton	28	30	31.5	33	35	36.5	38	
	Capacity (Nominal)	Cooling	kW	95.19	101.61	106.59	112.01	117.61	123.21	128.81
		Heating	kW	107.12	114.30	119.72	126.02	132.32	138.62	144.92
Power	Power Input (Nominal)	Cooling ¹⁾	Btu/h	324,800	346,700	363,700	382,200	401,300	420,400	
		Heating ²⁾	Btu/h	365,500	390,000	408,500	430,000	451,500	473,000	
	Current Input (Nominal)	Cooling ¹⁾	kW	22.57	23.82	25.99	27.99	29.80	31.60	
		Heating ²⁾	kW	23.20	24.98	26.10	27.40	28.50	29.70	
	MCA		A	31.50	33.20	36.20	37.40	39.70	42.80	
			A	32.30	34.80	36.40	38.40	40.00	42.00	
COP	Nominal Cooling ¹⁾		84.00 (MCA)	89.00 (MCA)	93.00 (MCA)	104.00 (MCA)	110.00 (MCA)	116.00 (MCA)	122.00 (MCA)	
	Nominal Heating ²⁾		-	-	-	-	-	-	-	
Compressor	Type		SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	
	Output	kW x n	(6.39) + (6.39x2)	(4.39x2) + (6.39x2)	(4.39x2) + (6.39x2)	(6.39x2)x2	(6.39x2) + (6.39x2)	(6.39x2)x2	(6.39x2)x2	
	Model Name		DS-GB066FAVBSG x 3	DS-GA046FAVASG x 2 + DS-GB066FAVBSG x 2	DS-GA046FAVASG x 2 + DS-GB066FAVBSG x 2	DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 4	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	3300	4000	4000	4400	4400	4400	4400	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	830.0 x 1 + 620.0 x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	
	Air Flow Rate	CMM	220 + 290	255 + 290	255 + 290	265 x 2	265 + 290	290 x 2	290 x 2	
	External Static Pressure	Max.	mmAq	3,666.67 + 4,833.33	4,250.00 + 4,833.33	4,250.00 + 4,833.33	4,416.67 x 2	4,416.67 + 4,833.33	4,833.33 x 2	4,833.33 x 2
		Pa	8.00	8.00	8.00	8.00	8.00	8.00	8.00	
Piping Connections	Liquid Pipe	Φ, mm	78.45	78.45	78.45	78.45	78.45	78.45	78.45	
		Φ, inch	19.05	19.05	19.05	19.05	19.05	19.05	19.05	
	Gas Pipe	Φ, mm	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
		Φ, inch	34.92	41.28	41.28	41.28	41.28	41.28	41.28	
	Discharge Gas Pipe	Φ, mm	1 3/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
		Φ, inch	-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	200	200	200	200	200	200	200	
	Max. Height	m	110.0	110.0	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-	
	Transmission Cable	mm ²	-	-	-	-	-	-	-	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	14.90	16.10	16.10	16.80	16.80	16.80	16.80	
Sound ³⁾	Sound Pressure	dB(A)	67.0	67.0	68.0	68.0	69.0	69.0	70.0	
	Sound Power	dB(A)	90.0	90.0	90.0	90.0	91.0	92.0	92.0	
External Dimension	Net Weight	kg	206.0 + 305.0	283.0 + 305.0	283.0 + 305.0	305.0 x 2	305.0 x 2	305.0 x 2	305.0 x 2	
	Shipping Weight	kg	222.0 + 324.0	302.0 + 324.0	302.0 + 324.0	324.0 x 2	324.0 x 2	324.0 x 2	324.0 x 2	
	Net Dimensions (WxHxD)	mm	880 x 1,695 x 765 + 1,295 x 1,695 x 765	(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	(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	948 x 1,887 x 832 + 1,363 x 1,887 x 832	(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	(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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 68 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (460V)				AM460JXVAJH/AZ	AM480JXVAJH/AZ	AM500JXVAJH/AZ	AM520JXVAJH/AZ	AM540JXVAJH/AZ	AM560JXVAJH/AZ
Power Supply	Φ, #, V, Hz			3,3460,60	3,3460,60	3,3460,60	3,3460,60	3,3460,60	3,3460,60
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP		46.00	48.00	50.00	52.00	54.00	56.00
	Ton	Ton		38	40	41.5	43	44.5	46.5
	Capacity (Nominal)	Cooling	kW	128.78	135.19	140.18	145.60	151.20	156.79
		Heating	kW	144.92	152.10	157.53	163.83	170.13	176.43
			Btu/h	439,400	461,300	478,300	496,800	515,900	535,000
			Btu/h	494,500	519,000	537,500	559,000	580,500	602,000
Power	Power Input (Nominal)	Cooling ¹⁾	kW	29.79	31.04	33.21	33.21	34.02	37.92
		Heating ²⁾	kW	30.60	32.38	33.50	33.60	35.90	39.00
	Current Input (Nominal)	Cooling ¹⁾	A	41.60	43.30	46.30	46.40	47.50	52.90
		Heating ²⁾	A	42.60	45.10	46.70	46.80	50.00	54.30
	MCA		110.00 (MCA)	115.00 (MCA)	119.00 (MCA)	126.00 (MCA)	136.00 (MCA)	142.00 (MCA)	
	MFA		-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾		-	4.32	4.36	4.22	4.38	4.44	4.13
	Nominal Heating ²⁾		-	4.74	4.70	4.70	4.88	4.74	4.52
Compressor	Type			SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5
	Output	kW x n		(6.39)x2 + (6.39)x2	(6.39) + (4.39x2) + (6.39x2)	(6.39) + (4.39x2) + (6.39x2)	(6.39) + (4.39x2)	(6.39) + (6.39x2) + (6.39x2)	(6.39) + (6.39x2)x2
	Model Name			DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 3 + DS-GA046FAVASG x 2	DS-GB066FAVBSG x 3 + DS-GA046FAVASG x 2	DS-GB066FAVBSG x 3 + DS4GJ5066EVASG x 2	DS-GB066FAVBSG x 3 + DS4GJ5066EVASG x 2	DS-GB066FAVBSG x 5
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE
	Initial Charge	cc		4400	5100	5100	8900	5500	5500
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n	W		(830.0 x 1) x 2 + 620.0 x 2	830.0 x 1 + (620.0 x 2) x 2	830.0 x 1 + (620.0 x 2) x 2	830.0 x 1 + (620.0 x 2) x 2	830.0 x 1 + (620.0 x 2) x 2	830.0 x 1 + (620.0 x 2) x 2
	Air Flow Rate	CMM		220 x 2 + 290	220 + 255 + 290	220 + 255 + 290	220 + 260 + 290	220 + 265 + 290	220 + 290 x 2
	External Static Pressure	Max.	mMq	3,666.67 x 2 + 4,833.33	3,666.67 + 4,250.00 + 4,833.33	3,666.67 + 4,250.00 + 4,833.33	3,666.67 + 4,333.33 + 4,833.33	3,666.67 + 4,416.67 + 4,833.33	3,666.67 + 4,833.33 x 2
		Pa	8.00	8.00	8.00	8.00	8.00	8.00	
			78.45	78.45	78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm		19.05	19.05	19.05	19.05	19.05	19.05
		Φ, inch		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Gas Pipe	Φ, mm		41.28	41.28	41.28	41.28	41.28	41.28
		Φ, inch		1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-
		Φ, inch		-	-	-	-	-	-
Oil Equalizing Pipe	Φ, mm		-	-	-	-	-	-	
	Φ, inch		-	-	-	-	-	-	
Installation Limitation	Max. Length	m		200	200	200	200	200	200
	Max. Height	m		110.0	110.0	110.0	110.0	110.0	110.0
Field Wiring	Power Source Wire	mm ²		-	-	-	-	-	-
	Transmission Cable	mm ²		-	-	-	-	-	-
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg		21.40	22.60	22.60	23.30	23.30	23.30
Sound ³⁾	Sound Pressure	dB(A)		69.0	68.0	69.0	69.0	69.0	70.0
	Sound Power	dB(A)		90.0	90.0	90.0	91.0	92.0	92.0
External Dimension	Net Weight	kg		206.0 x 2 + 305.0	206.0 + 283.0 + 305.0	206.0 + 283.0 + 305.0	206.0 + 305.0 x 2	206.0 + 305.0 x 2	206.0 + 305.0 x 2
	Shipping Weight	kg		222.0 x 2 + 324.0	222.0 + 302.0 + 324.0	222.0 + 302.0 + 324.0	222.0 + 324.0 x 2	222.0 + 324.0 x 2	222.0 + 324.0 x 2
	Net Dimensions (WxHxD)	mm		(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	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	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) x 2 + 1,363 x 1,887 x 832	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	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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating	°C		-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 68 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (460V)				AM580JXVAJH/AZ	AM600JXVAJH/AZ	AM620JXVAJH/AZ	AM640JXVAJH/AZ	AM660JXVAJH/AZ	AM680JXVAJH/AZ
Power Supply	Φ, #, V, Hz			3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP		58.00	60.00	62.00	64.00	66.00	68.00
	Ton	Ton		48	49.5	51.5	53	54.5	56
	Capacity (Nominal)	Cooling	kW	163.21	168.19	173.62	179.21	184.81	190.38
		Heating	kW	183.61	189.03	195.33	201.63	207.93	214.24
Power	Power Input (Nominal)	Cooling ¹⁾	kW	39.17	41.34	42.15	42.15	46.05	45.14
		Heating ²⁾	kW	40.78	41.90	41.20	44.30	47.40	46.40
	Current Input (Nominal)	Cooling ¹⁾	A	54.60	57.60	53.40	58.80	64.20	63.00
		Heating ²⁾	A	56.80	58.40	57.40	61.70	66.00	64.60
	MCA			147.00 (MCA)	151.00 (MCA)	162.00 (MCA)	168.00 (MCA)	174.00 (MCA)	168.00 (MCA)
	MFA			-	-	-	-	-	-
COP	Nominal Cooling ¹⁾			4.17	4.07	4.54	4.25	4.01	4.22
	Nominal Heating ²⁾			4.50	4.51	4.74	4.55	4.39	4.62
Compressor	Type			SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
	Output	kW x n		(4.39x2) + (6.39x2)x2	(4.39x2) + (6.39x2)x2	(6.39x2)x2 + (6.39x2)	(6.39x2) + (6.39x2)x2	(6.39x2)x3	(6.39x2) + (6.39x2)x2
	Model Name			DS-GA046FAVASG x 2 + DS-GB066FAVBSG x 4	DS-GA046FAVASG x 2 + DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 6	DS-GB066FAVBSG x 6	DS-GB066FAVBSG x 6	DS-GB066FAVBSG x 6
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE
	Initial Charge	cc		6200	6200	6600	6600	6600	6600
Fan	Type			Propeller	Propeller	Propeller	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	(620.0 x 2) x 3	(620.0 x 2) x 3	(830.0 x 1) x 2 + (620.0 x 2) x 2
	Air Flow Rate	CMM		255 + 290 x 2	255 + 290 x 2	265 x 2 + 290	265 + 290 x 2	290 x 3	220 x 2 + 290 x 2
	External Static Pressure		Max.		4,250.00 + 4,833.33 x 2	4,250.00 + 4,833.33 x 2	4,416.67 x 2 + 4,833.33	4,416.67 x 2 + 4,833.33 x 2	4,833.33 x 3
				8.00	8.00	8.00	8.00	8.00	8.00
Piping Connections	Liquid Pipe	Φ, mm		19.05	19.05	22.22	22.22	22.22	22.22
		Φ, inch		3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
	Gas Pipe	Φ, mm		41.28	41.28	53.98	53.98	53.98	53.98
		Φ, inch		1 5/8"	1 5/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"
	Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-
		Φ, inch		-	-	-	-	-	-
	Oil Equalizing Pipe	Φ, mm		-	-	-	-	-	-
		Φ, inch		-	-	-	-	-	-
	Installation Limitation	Max. Length	m		200	200	200	200	200
		Max. Height	m		110.0	110.0	110.0	110.0	110.0
Field Wiring	Power Source Wire	mm ²		-	-	-	-	-	-
	Transmission Cable	mm ²		-	-	-	-	-	-
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg		24.50	24.50	25.20	25.20	25.20	29.80
Sound ³⁾	Sound Pressure	dB(A)		70.0	70.0	70.0	70.0	71.0	70.0
	Sound Power	dB(A)		92.0	93.0	93.0	93.0	94.0	93.0
External Dimension	Net Weight	kg		283.0 + 305.0 x 2	283.0 + 305.0 x 2	305.0 x 3	305.0 x 3	305.0 x 3	206.0 x 2 + 305.0 x 2
	Shipping Weight	kg		302.0 + 324.0 x 2	302.0 + 324.0 x 2	324.0 x 3	324.0 x 3	324.0 x 3	222.0 x 2 + 324.0 x 2
	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	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(880 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 3	(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	(1,363 x 1,887 x 832) x 3	(948 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	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating	°C		-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 68 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVM S HP (460V)			AM700JXVAJH/AZ	AM720JXVAJH/AZ	AM740JXVAJH/AZ	AM760JXVAJH/AZ	AM780JXVAJH/AZ	AM800JXVAJH/AZ	
Power Supply	Φ, #, V, Hz		3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	70.00	72.00	74.00	76.00	78.00	80.00	
	Ton	Ton	58	59.5	61	63	64.5	66	
	Capacity (Nominal)	Cooling	kW	196.80	201.78	207.20	212.80	218.40	224.82
		Heating	kW	221.42	226.84	233.14	239.44	245.74	252.92
Power	Power Input (Nominal)	Cooling ¹⁾	kW	46.39	48.56	49.58	49.37	53.27	54.52
		Heating ²⁾	kW	48.18	49.30	49.40	51.70	54.80	56.58
	Current Input (Nominal)	Cooling ¹⁾	A	64.70	67.70	67.80	68.90	74.30	76.00
		Heating ²⁾	A	67.10	68.70	68.80	72.00	76.30	78.80
	MCA		173.00 (MCA)	177.00 (MCA)	184.00 (MCA)	194.00 (MCA)	200.00 (MCA)	205.00 (MCA)	
	MFA		-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾		4.24	4.16	4.27	4.31	4.10	4.12	
	Nominal Heating ²⁾		4.60	4.60	4.72	4.63	4.48	4.47	
Compressor	Type		SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 8	
	Output	kW x n	(6.39) + (4.39x2) + (6.39x2)x2	(6.39) + (4.39x2) + (6.39x2)x2	(6.39) + (4.39x2) + (6.39x2)x2	(6.39) + (6.39x2) + (6.39x2)x2	(6.39) + (6.39x2)x3	(4.39x2) + (6.39x2)x3	
	Model Name		DS-GB066FAVBSG x 5 + DS-GA046FAVASG x 2	DS-GB066FAVBSG x 5 + DS-GA046FAVASG x 2	DS-GB066FAVBSG x 5 + DS4GJ5066EVASG x 2	DS-GB066FAVBSG x 7	DS-GB066FAVBSG x 7	DS-GA046FAVASG x 2 + DS-GB066FAVBSG x 6	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	7300	7300	11100	7700	7700	8400	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	830.0 x 1 + (620.0 x 2) x 3	830.0 x 1 + (620.0 x 2) x 3	830.0 x 1 + (620.0 x 2) x 3	830.0 x 1 + (620.0 x 2) x 3	830.0 x 1 + (620.0 x 2) x 3	(620.0 x 2) x 4	
	Air Flow Rate	CMM	220 + 255 + 290 x 2	220 + 255 + 290 x 2	220 + 260 + 290 x 2	220 + 265 + 290 x 2	220 + 290 x 3	255 + 290 x 3	
	External Static Pressure	Max. m/mAq	3,666.67 + 4,250.00 + 4,833.33 x 2	3,666.67 + 4,250.00 + 4,833.33 x 2	3,666.67 + 4,333.33 + 4,833.33 x 2	3,666.67 + 4,416.67 + 4,833.33 x 2	3,666.67 + 4,833.33 x 3	4,250.00 + 4,833.33 x 3	
Piping Connections	Liquid Pipe	Φ, mm	22.22	22.22	22.22	22.22	22.22	22.22	
		Φ, inch	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	
	Gas Pipe	Φ, mm	53.98	53.98	53.98	53.98	53.98	53.98	
		Φ, inch	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Installation Limitation	Max. Length	m	200	200	200	200	200	
		Max. Height	m	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-		
	Transmission Cable	mm ²	-	-	-	-	-		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	31.00	31.00	31.70	31.70	31.70		
Sound ³⁾	Sound Pressure	dB(A)	70.0	71.0	71.0	71.0	71.0		
	Sound Power	dB(A)	93.0	93.0	93.0	93.0	94.0		
External Dimension	Net Weight	kg	206.0 + 283.0 + 305.0 x 2	206.0 + 283.0 + 305.0 x 2	206.0 + 305.0 x 3	206.0 + 305.0 x 3	206.0 + 305.0 x 3		
	Shipping Weight	kg	222.0 + 302.0 + 324.0 x 2	222.0 + 302.0 + 324.0 x 2	222.0 + 324.0 x 3	222.0 + 324.0 x 3	302.0 + 324.0 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	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	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	-5.0 ~ 48.0	-5.0 ~ 48.0		
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 68 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
 ※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the 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.)

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVMS HP (460V)				AM072FXVAJH/AA	AM096FXVAJH/AA	AM120FXVAJH/AA	AM144FXVAJH/AA	AM168HXVAJH/AA	AM192HXVAJH/AA
Power Supply	Φ, #, V, Hz		3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP	7.5	10	12.5	15	17.5	20	
	Ton	Ton	6	8	10	12	14	16	
	Capacity (Nominal)	Cooling	Btu/h	72,000	96,000	120,000	144,000	168,000	192,000
		Heating	Btu/h	81,000	108,000	135,000	162,000	189,000	216,000
Capacity (Rated)	Cooling	Btu/h	69,000	92,000	114,000	138,000	160,000	184,000	
	Heating	Btu/h	77,000	103,000	129,000	154,000	180,000	206,000	
Power	MCA	A	16.4	19	21.7	26.4	33	37	
	MOP	A	-	-	-	-	-	-	
Compressor	Type		SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
	Model Name		DS-GB052FAVBSG x 1	DS-GB066FAVBSG x 1	DS-GB066FAVBSG x 1	DS-GB052FAVBSG x 2	DS-GB052FAVBSG x 2	DS-GB066FAVBSG x 2	DS-GB066FAVBSG x 2
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n	W	630.0 x 1	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2
	Air Flow Rate	CFM	7,239.78	9,182.16	9,182.16	9,535.32	10,947.96	10,947.96	
	External Static Pressure	Max	mmAq	8	8	8	8	8	8
Piping Connections			In Wg	0.31	0.31	0.31	0.31	0.31	0.31
	Liquid Pipe	Φ, mm	9.52	9.52	12.7	12.7	15.88	15.88	
		Φ, inch	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	
	Gas Pipe	Φ, mm	19.05	22.22	28.58	28.58	28.58	28.58	
		Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
Max. Height		ft	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	5.5	7.4	7.4	8.7	11	11	
		lbs	12.13	16.31	16.31	19.18	24.25	24.25	
Sound	Sound Pressure	dB(A)	60	61	61	62	63	64	
	Sound Power	dB(A)	77	81	81	83	85	86	
External Dimension	Net Weight	kg	193	283	283	298	325	333	
		lbs	425.49	623.91	623.91	656.98	716.5	734.14	
	Shipping Weight	kg	209	302	302	317	342	350	
		lbs	460.77	665.8	665.8	698.87	753.98	771.62	
Net Dimensions (WxHxD)	mm	880 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	
	inch	34.65 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	
	mm	948 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	
Shipping Dimensions (WxHxD)	mm	37.32 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	
	inch	1.47 x 2.93 x 1.29	2.11 x 2.93 x 1.29	2.11 x 2.93 x 1.29	2.11 x 2.93 x 1.29	2.11 x 2.93 x 1.29	2.11 x 2.93 x 1.29	2.11 x 2.93 x 1.29	
Operating Temp. Range	Cooling	°F	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	
		°C	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	
	Heating	°F	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	
		°C	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Nominal capacities are based on:

* Refrigerant piping: 25 feet, vertical separation: 0 feet

* Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB

* Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB

Visit www.AHRIdirectory.org for current AHRI efficiency rating data.

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

Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVM S HP (460V)				AM216JXVAJH/AA	AM240JXVAJH/AA	AM264JXVAJH/AA	AM288JXVAJH/AA	AM312JXVAJH/AA	AM336JXVAJH/AA	AM360JXVAJH/AA	
Power Supply	Φ, #, V, Hz			3,3460.60	3,3460.60	3,3460.60	3,3460.60	3,3460.60	3,3460.60	3,3460.60	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP		22.5	25	27.5	30	32.5	35	37.5	
	Ton	Ton		18	20	22	24	26	28	30	
	Capacity (Nominal)	Cooling	Btu/h	216,000	240,000	264,000	288,000	312,000	336,000	360,000	360,000
		Heating	Btu/h	243,000	270,000	297,000	324,000	351,000	378,000	405,000	405,000
Capacity (Rated)	Cooling	Btu/h	206,000	228,000	252,000	276,000	298,000	320,000	340,000	344,000	
	Heating	Btu/h	230,000	258,000	282,000	308,000	334,000	360,000	386,000	386,000	
Power	MCA	A		42.8	49.4	53.4	52.8	59.4	66	70	
	MOP	A		-	-	-	-	-	-	-	
Compressor	Type			SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	
	Model Name			DS-GB052FAVBSG x 3	DS-GB052FAVBSG x 3	DS-GB052FAVBSG x 1 + DS-GB066FAVBSG x 2	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 2 + DS-GB066FAVBSG x 2	
Fan	Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Fan	Output x n	W		630.0 x 1 + 620.0 x 2	630.0 x 1 + 620.0 x 2	630.0 x 1 + 620.0 x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	
	Air Flow Rate	CFM		7,239.78 + 9,535.32	7,239.78 + 10,947.96	7,239.78 + 10,947.96	9,535.32 x 2	9,535.32 + 10,947.96	10,947.96 x 2	10,947.96 x 2	
Piping Connections	External Static Pressure	Max.		8	8	8	8	8	8	8	
		mmAq		0.31	0.31	0.31	0.31	0.31	0.31	0.31	
Liquid Pipe	Φ, mm			15.88	15.88	19.05	19.05	19.05	19.05	19.05	
	Φ, inch			5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"	
Gas Pipe	Φ, mm			28.58	28.58	34.92	34.92	34.92	34.92	41.28	
	Φ, inch			1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 5/8"	
Discharge Gas Pipe	Φ, mm			-	-	-	-	-	-	-	
	Φ, inch			-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m		200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
	Max. Height	ft		656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg		14.2	16.5	16.5	17.4	19.7	22	22	
Sound	Sound Pressure	dB(A)		64	65	65	65	66	66	66	
	Sound Power	dB(A)		84	86	87	86	87	88	87	
External Dimension	Net Weight	kg		298.0 + 193.0	193.0 + 325.0	193.0 + 333.0	298.0 x 2	298.0 + 325.0	325.0 x 2	325.0 + 333.0	
	Shipping Weight	lbs		656.98 + 425.49	425.49 + 716.50	425.49 + 734.14	656.98 x 2	656.98 + 716.50	716.50 x 2	716.50 + 734.14	
Shipping Dimensions (WxHxD)	mm			1,295 x 1,695 x 765 + 880 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 765	(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	(1,295 x 1,695 x 765) x 2	
	inch			50.98 x 66.73 x 30.12 + 34.65 x 66.73 x 30.12	34.65 x 66.73 x 30.12 + 50.98 x 66.73 x 30.12	34.65 x 66.73 x 30.12 + 50.98 x 66.73 x 30.12	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	
Operating Temp. Range	Cooling	°F		23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	
	Heating	°C		-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	
Operating Temp. Range	Cooling	°C		-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	
	Heating	°C		-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Nominal capacities are based on:

* Refrigerant piping: 25 feet, vertical separation: 0 feet

* Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB

* Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB

Visit www.AHRI.org for current AHRI efficiency rating data.

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

Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVM S HP (460V)				AM384JXVAJH/AA	AM408JXVAJH/AA	AM432JXVAJH/AA	AM456JXVAJH/AA	AM480JXVAJH/AA	AM504JXVAJH/AA	AM528JXVAJH/AA	
Power Supply	Φ, #, V, Hz		3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	40	42.5	45	47.5	50	52.5	55	58	
	Ton	Ton	32	34	36	38	40	42	44	46	
	Capacity (Nominal)	Cooling	Btu/h	384,000	408,000	432,000	456,000	480,000	504,000	528,000	552,000
		Heating	Btu/h	432,000	459,000	486,000	513,000	540,000	567,000	594,000	621,000
Capacity (Rated)	Cooling	Btu/h	366,000	390,000	415,000	435,000	455,000	480,000	500,000	520,000	
	Heating	Btu/h	410,000	435,000	460,000	490,000	510,000	535,000	560,000	585,000	
Power	MCA	A	74	79.8	79.2	87.7	92.4	99	103	107	
	MOP	A	-	-	-	-	-	-	-	-	
Compressor	Type		SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	
	Model Name		DS-GB066FAVBSG x 4	DS-GB052FAVBSG x 3 + DS-GB066FAVBSG x 2	DS-GB052FAVBSG x 6	DS-GB066FAVBSG x 1 + DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 6	DS-GB052FAVBSG x 4 + DS-GB066FAVBSG x 2	DS-GB052FAVBSG x 6	DS-GB052FAVBSG x 4 + DS-GB066FAVBSG x 2	
Fan	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Fan	Output x n	W	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	
	Air Flow Rate	CFM	10,947.96 x 2	7,239.78 + 9,535.32 + 10,947.96	9,535.32 x 3	9,182.16 + 10,947.96 x 2	9,535.32 + 10,947.96 x 2	10,947.96 x 3	10,947.96 x 3	10,947.96 x 3	
Piping Connections	External Static Pressure	Max.	mmAq	8	8	8	8	8	8	8	
			In Wg	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
Liquid Pipe	Φ, mm		19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05	
	Φ, inch		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
Gas Pipe	Φ, mm		41.28	41.28	41.28	41.28	41.28	41.28	41.28	41.28	
	Φ, inch		1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-	-	-	
	Φ, inch		-	-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
	Max. Height	ft	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	22	25.2	26.1	29.4	30.7	33	33	33	
Sound	Sound Pressure	dB(A)	48.5	55.56	57.54	64.82	67.68	72.75	72.75	72.75	
	Sound Power	dB(A)	67	67	67	67	67	68	68	68	
External Dimension	Net Weight	kg	333.0 x 2	298.0 + 193.0 + 333.0	298.0 x 3	283.0 + 325.0 x 2	298.0 + 325.0 x 2	325.0 x 3	325.0 x 2 + 333.0	325.0 x 2 + 333.0	
	Shipping Weight	lbs	734.14 x 2	656.98 + 425.49 + 734.14	656.98 x 3	623.91 + 716.50 x 2	656.98 + 716.50 x 2	716.50 x 3	716.50 x 2 + 734.14	716.50 x 2 + 734.14	
Shipping Dimensions (WxHxD)	mm		350.0 x 2	317.0 + 209.0 + 350.0	317.0 x 3	302.0 + 342.0 x 2	317.0 + 342.0 x 2	342.0 x 3	342.0 x 2 + 350.0	342.0 x 2 + 350.0	
	inch		771.62 x 2	698.87 + 460.77 + 771.62	698.87 x 3	665.80 + 753.98 x 2	698.87 + 753.98 x 2	753.98 x 3	753.98 x 2 + 771.62	753.98 x 2 + 771.62	
Net Dimensions (WxHxD)	mm		(1,295 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	(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	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	
	inch		(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2 + 34.65 x 66.73 x 30.12	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	
Shipping Dimensions (WxHxD)	mm		(1,363 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	(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	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3	
	inch		(53.66 x 74.29 x 32.76) x 2	(53.66 x 74.29 x 32.76) x 2 + 37.32 x 74.29 x 32.76	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	
Operating Temp. Range	Cooling	°F	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	
	Heating	°C	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	
Operating Temp. Range	Cooling	°C	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	
	Heating	°C	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 Nominal capacities are based on:
 * Refrigerant piping: 25 feet, vertical separation: 0 feet
 * Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB
 * Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB
 Visit www.AHRI.org for current AHRI efficiency rating data.
 Sound pressure was acquired in a dead room. Thus, actual noise level may be different depending on the installation conditions.
 Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVMS HR (460V)				AM072FXVAJR/AA	AM096FXVAJR/AA	AM120FXVAJR/AA	AM144FXVAJR/AA	AM168HXVAJR/AA	AM192HXVAJR/AA
Model Code				AM072FXVAJR/AA	AM096FXVAJR/AA	AM120FXVAJR/AA	AM144FXVAJR/AA	AM168HXVAJR/AA	AM192HXVAJR/AA
Power Supply	Φ, #, V, Hz			3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60
Mode				HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP	HP		7.5	10	12.5	15	17.5	20
	Ton	Ton		6	8	10	12	14	16
	Capacity (Nominal)	Cooling	Btu/h	72,000	96,000	120,000	144,000	168,000	192,000
		Heating	Btu/h	81,000	108,000	135,000	162,000	189,000	216,000
	Capacity (Rated)	Cooling	Btu/h	69,000	92,000	114,000	138,000	160,000	184,000
Heating		Btu/h	77,000	103,000	129,000	154,000	180,000	206,000	
Power	MCA	A		16.4	19	21.7	26.4	33	37
	MOP	A		-	-	-	-	-	-
Compressor	Type			SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
	Model Name			DS-GB052FAVBSG x 1	DS-GB066FAVBSG x 1	DS-GB066FAVBSG x 1	DS-GB052FAVBSG x 2	DS-GB052FAVBSG x 2	DS-GB066FAVBSG x 2
	Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n	W		630.0 x 1	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2
	Air Flow Rate	CFM		7,239.78	9,182.16	9,182.16	9,535.32	10,947.96	10,947.96
	External Static Pressure	Max.	mmAq	8	8	8	8	8	8
Piping Connections				In Wg	0.31	0.31	0.31	0.31	0.31
	Liquid Pipe			Φ, mm	9.52	9.52	12.7	12.7	15.88
				Φ, inch	3/8"	3/8"	1/2"	1/2"	5/8"
	Gas Pipe			Φ, mm	19.05	22.22	28.58	28.58	28.58
				Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
	Discharge Gas Pipe			Φ, mm	15.88	19.05	22.22	22.22	28.58
				Φ, inch	5/8"	3/4"	7/8"	7/8"	1 1/8"
	Installation Limitation	Max. Length	m		200(220)	200(220)	200(220)	200(220)	200(220)
		Max. Height	ft		656(722)	656(722)	656(722)	656(722)	656(722)
	Refrigerant	Type			R410A	R410A	R410A	R410A	R410A
Factory Charging		kg		5.5	7.4	7.4	8.7	11	
Sound		lbs		12.13	16.31	16.31	19.18	24.25	
	Sound Pressure	dB(A)		60	61	61	62	64	
External Dimension	Net Weight	kg		193	283	283	298	325	
	Shipping Weight	lbs		425.49	623.91	623.91	656.98	716.5	
Operating Temp. Range		kg		209	302	302	317	342	
		lbs		460.77	665.8	665.8	698.87	753.98	
		mm		880 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	
		inch		34.65 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	50.98 x 66.73 x 30.12	
Shipping Dimensions (WxHxD)		mm		948 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,887 x 832	
		inch		37.32 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	53.66 x 74.29 x 32.76	
Cooling		°F		23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	
		°C		-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	
Heating		°F		-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	
		°C		-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Nominal capacities are based on:

* Refrigerant piping: 25 feet, vertical separation: 0 feet

* Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB

* Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB

Visit www.AHRIdirectory.org for current AHRI efficiency rating data.

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

Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVM S HR (460V)				AM216JXVAJR/AA	AM240JXVAJR/AA	AM264JXVAJR/AA	AM288JXVAJR/AA	AM312JXVAJR/AA	AM336JXVAJR/AA	AM360JXVAJR/AA	
Model Code											
Power Supply	Φ, #, V, Hz		3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	
Mode			HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	
Performance	HP	HP	22.5	25	27.5	30	32.5	35	37.5	40.5	
	Ton	Ton	18	20	22	24	26	28	30	33	
	Capacity (Nominal)	Cooling	Btu/h	216,000	240,000	264,000	288,000	312,000	336,000	360,000	386,000
		Heating	Btu/h	243,000	270,000	297,000	324,000	351,000	378,000	405,000	432,000
Capacity (Rated)	Cooling	Btu/h	206,000	228,000	252,000	276,000	298,000	320,000	344,000	368,000	
	Heating	Btu/h	230,000	258,000	282,000	308,000	334,000	360,000	386,000	412,000	
Power	MCA	A	42.8	49.4	53.4	52.8	59.4	66	70	75	
	MOP	A	-	-	-	-	-	-	-	-	
Compressor	Type		SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	
	Model Name		DS-GB052FAVBSG x 3	DS-GB052FAVBSG x 3	DS-GB052FAVBSG x 1 + DS-GB066FAVBSG x 2	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 2 + DS-GB066FAVBSG x 2	
Fan	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Fan	Output x n	W	630.0 x 1 + 620.0 x 2	630.0 x 1 + 620.0 x 2	630.0 x 1 + 620.0 x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 2	
	Air Flow Rate	CFM	7,239.78 + 9,535.32	7,239.78 + 10,947.96	7,239.78 + 10,947.96	9,535.32 x 2	9,535.32 + 10,947.96	10,947.96 x 2	10,947.96 x 2	10,947.96 x 2	
Piping Connections	External Static Pressure	Max.	mmAq	8	8	8	8	8	8	8	
			In Wg	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
Liquid Pipe	Φ, mm		15.88	15.88	19.05	19.05	19.05	19.05	19.05	19.05	
	Φ, inch		5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
Gas Pipe	Φ, mm		28.58	28.58	34.92	34.92	34.92	34.92	34.92	41.28	
	Φ, inch		1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 5/8"	
Discharge Gas Pipe	Φ, mm		28.58	28.58	28.58	28.58	28.58	28.58	28.58	34.92	
	Φ, inch		1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 3/8"	
Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
	Max. Height	ft	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	14.2	16.5	16.5	17.4	19.7	22	22	22	
Sound	Sound Pressure	dB(A)	64	65	65	65	66	66	66	66	
	Sound Power	dB(A)	84	86	87	86	87	88	88	87	
External Dimension	Net Weight	kg	298.0 + 193.0	193.0 + 325.0	193.0 + 333.0	298.0 x 2	298.0 + 325.0	325.0 x 2	325.0 + 333.0	325.0 + 333.0	
	Shipping Weight	lbs	656.98 + 425.49	425.49 + 716.50	425.49 + 734.14	656.98 x 2	656.98 + 716.50	716.50 x 2	716.50 + 734.14	716.50 + 734.14	
Shipping Dimensions (WxHxD)	mm		1,295 x 1,695 x 765 + 880 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 765	(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	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	
	inch		50.98 x 66.73 x 30.12 + 34.65 x 66.73 x 30.12	34.65 x 66.73 x 30.12 + 50.98 x 66.73 x 30.12	34.65 x 66.73 x 30.12 + 50.98 x 66.73 x 30.12	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2	
Operating Temp. Range	Cooling	°F	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	
	Heating	°C	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	-5.0 ~ -48.9	
Operating Temp. Range	Cooling	°C	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	
	Heating	°C	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Nominal capacities are based on:

* Refrigerant piping: 25 feet, vertical separation: 0 feet

* Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB

* Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB

Visit www.AHRIdirectory.org for current AHRI efficiency rating data.

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

Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVM S HR (460V)				AM384JXVAJR/AA	AM408JXVAJR/AA	AM432JXVAJR/AA	AM456JXVAJR/AA	AM480JXVAJR/AA	AM504JXVAJR/AA	AM528JXVAJR/AA	
Power Supply	Φ, #, V, Hz		3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	3,3,460,60	
Mode			HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	
Performance	HP	HP	40	42.5	45	47.5	50	52.5	55		
	Ton	Ton	32	34	36	38	40	42	44		
	Capacity (Nominal)	Cooling	Btu/h	384,000	408,000	432,000	456,000	480,000	504,000	528,000	
		Heating	Btu/h	432,000	459,000	486,000	513,000	540,000	567,000	594,000	
Capacity (Rated)	Cooling	Btu/h	366,000	390,000	415,000	435,000	455,000	480,000	500,000		
	Heating	Btu/h	410,000	435,000	460,000	490,000	510,000	535,000	560,000		
Power	MCA	A	74	79.8	79.2	87.7	92.4	99	103		
	MOP	A	-	-	-	-	-	-	-		
Compressor	Type		SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	
	Model Name		DS-GB066FAVBSG x 4	DS-GB052FAVBSG x 3 + DS-GB066FAVBSG x 2	DS-GB052FAVBSG x 6	DS-GB066FAVBSG x 1 + DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 6	DS-GB052FAVBSG x 4 + DS-GB066FAVBSG x 2	DS-GB052FAVBSG x 6	DS-GB052FAVBSG x 4 + DS-GB066FAVBSG x 2	
Fan	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Fan	Output x n	W	(620.0 x 2) x 2	630.0 x 1 + (620.0 x 2) x 2	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	(620.0 x 2) x 3	
	Air Flow Rate	CFM	10,947.96 x 2	7,239.78 + 9,535.32 + 10,947.96	9,535.32 x 3	9,182.16 + 10,947.96 x 2	9,535.32 + 10,947.96 x 2	10,947.96 x 3	10,947.96 x 3	10,947.96 x 3	
Piping Connections	External Static Pressure	Max	mmAq	8	8	8	8	8	8	8	
			In Wg	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05	
		Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
	Gas Pipe	Φ, mm	41.28	41.28	41.28	41.28	41.28	41.28	41.28	41.28	
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
	Discharge Gas Pipe	Φ, mm	34.92	34.92	34.92	34.92	34.92	34.92	34.92	34.92	
		Φ, inch	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
		Max. Height	ft	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	656(722)	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	22	25.2	26.1	29.4	30.7	33	33		
Sound	Sound Pressure	dB(A)	48.5	55.56	57.54	64.82	67.68	72.75	72.75		
	Sound Power	dB(A)	67	67	67	67	67	68	68		
External Dimension	Net Weight	kg	333.0 x 2	298.0 + 193.0 + 333.0	298.0 x 3	283.0 + 325.0 x 2	298.0 + 325.0 x 2	325.0 x 3	325.0 x 2 + 333.0		
		lbs	734.14 x 2	656.98 + 425.49 + 734.14	656.98 x 3	623.91 + 716.50 x 2	656.98 + 716.50 x 2	716.50 x 3	716.50 x 2 + 734.14		
	Shipping Weight	kg	350.0 x 2	317.0 + 209.0 + 350.0	317.0 x 3	302.0 + 342.0 x 2	317.0 + 342.0 x 2	342.0 x 3	342.0 x 2 + 350.0		
		lbs	771.62 x 2	698.87 + 460.77 + 771.62	698.87 x 3	665.80 + 753.98 x 2	698.87 + 753.98 x 2	753.98 x 3	753.98 x 2 + 771.62		
	Net Dimensions (WxHxD)	mm	(1,295 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	(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	(1,295 x 1,695 x 765) x 3		
		inch	(50.98 x 66.73 x 30.12) x 2	(50.98 x 66.73 x 30.12) x 2 + 34.65 x 66.73 x 30.12	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3	(50.98 x 66.73 x 30.12) x 3		
Shipping Dimensions (WxHxD)	mm	(1,363 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	(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	(1,363 x 1,887 x 832) x 3			
	inch	(53.66 x 74.29 x 32.76) x 2	(53.66 x 74.29 x 32.76) x 2 + 37.32 x 74.29 x 32.76	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3	(53.66 x 74.29 x 32.76) x 3			
Operating Temp. Range	Cooling	°F	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0	23.0 ~ 120.0		
		°C	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9		
Heating	°F	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0	-13.0 ~ 75.0		
	°C	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 Nominal capacities are based on:
 * Refrigerant piping: 25 feet, vertical separation: 0 feet
 * Cooling indoor temperature: 27°C(80°F) DB, 19°C(67°F) WB / outdoor temperature: 35°C(95°F) DB, 24°C(75°F) WB
 * Heating indoor temperature: 20°C(70°F) DB, 15°C(60°F) WB / outdoor temperature: 7°C(47°F) DB, 6°C(43°F) WB
 Visit www.AHRI.org for current AHRI efficiency rating data.
 Sound pressure was acquired in a dead room. Thus, actual noise level may be different depending on the installation conditions.
 Samsung maintains a policy of ongoing development, specifications are subject to change without notice.

DVMS SPECIFICATION _Outdoor Unit



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol



DVMS WATER

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter) System
- High-Efficient Plate Heat Exchanger
- Long Pipe Length
- Saving Installation Space
- Auto Commissioning Manager
- Optimal Water Flow Controller
- Simultaneous Cooling and Heating
- Geothermal Application



DVM S HP (460V)				
Model Code	DVM S HP	AM216KXVGJH/AA		
Power Supply	Φ, #, V, Hz	3.3.460.60		
Mode	-	HEAT PUMP		
Performance	HP	HP	22.50	
		kW	63.30	
	Capacity (Nominal)	Cooling	Btu/h	216,000
		Heating	kW	71.22
Power	Power Input (Nominal)	Cooling ¹⁾	kW	
		Heating ²⁾	18.40	
	Current Input (Nominal)	Cooling ¹⁾	A	16.44
		Heating ²⁾	25.10	
	MCA		22.40	
	MFA		42.80 (MCA)	
MFA		60.00		
COP	Nominal Cooling ¹⁾	-	3.44	
	Nominal Heating ²⁾	-	4.33	
Compressor	Type	-	SSC Scroll x 2	
	Output	kW x n	(6.39x2)	
	Model Name	-	DS-GB066FAVB x 2	
	Oil	Type	-	PVE
Fan	Initial Charge	cc	2200	
	Type	-	Propeller	
	Output x n	W	620.0 x 2	
	Air Flow Rate	CMM	340	
Piping Connections	External Static Pressure	Max.	mmAq	
		Pa	5,666.67	
	Liquid Pipe	Φ, mm	15.88	
		Φ, inch	5/8"	
	Gas Pipe	Φ, mm	28.58	
		Φ, inch	1 1/8"	
Discharge Gas Pipe	Φ, mm	-		
	Φ, inch	-		
Oil Equalizing Pipe	Φ, mm	-		
	Φ, inch	-		
Installation Limitation	Max. Length	m	200	
	Max. Height	m	110.0	
Field Wiring	Power Source Wire	mm ²	-	
	Transmission Cable	mm ²	-	
Refrigerant	Type	-	R410A	
	Factory Charging	kg	12.50	
Sound ³⁾	Sound Pressure	dB(A)	66.0	
	Sound Power	dB(A)	89.0	
External Dimension	Net Weight	kg	340.0	
	Shipping Weight	kg	362.0	
	Net Dimensions (WxHxD)	mm	1,295 x 1,795 x 765	
	Shipping Dimensions (WxHxD)	mm	1,363 x 1,987 x 832	
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.9	
	Heating	°C	-25.0 ~ 23.9	

DVM S WATER				
Model Code	AM072HXWAFR/AA			
Power Supply	Φ, #, V, Hz	3.3.208-230.60		
Mode	-	H/P, H/R		
Performance	HP	HP	7.50	
		TON	6.00	
	Capacity (Nominal)	Cooling	kW	21.10
		Heating	Btu/h	72,000
Power	Power Input (Nominal)	Cooling ¹⁾	kW	
		Heating ²⁾	23.74	
	Current Input (Nominal)	Cooling ¹⁾	Btu/h	81,000
		Heating ²⁾	3.15	
	MCA		3.52	
	MFA		-	
MFA		16.00 (MCA)		
COP	Nominal Cooling ¹⁾	-	6.70	
	Nominal Heating ²⁾	-	6.74	
Compressor	Type	-	-	
	Output	kW x n	-	
	Model Name	-	-	
	Oil	Type	-	-
Condenser	Initial Charge	cc	-	
	Type	-	PHE(Stainless Steel Plate)	
	Pipe Size	Φ, inch	32.0	
	Lost Head	kPa	22.0	
	Water Flow Rate	LPM	80.0	
	Max. Pressure	Mpa	1.96	
Piping Connections	Liquid Pipe	Φ, mm	9.52	
		Φ, inch	3/8"	
	Gas Pipe	Φ, mm	19.05	
		Φ, inch	3/4"	
	Discharge Gas Pipe (H/R only)	Φ, mm	15.88	
		Φ, inch	5/8"	
Oil Equalizing Pipe	Φ, mm	-		
Installation Limitation	Max. Length	m	170	
	Max. Height	m	50.0	
Field Wiring	Power Source Wire	mm ²	-	
	Transmission Cable	mm ²	-	
Refrigerant	Type	-	R410A	
	Factory Charging	kg	5.50	
Sound ³⁾	Sound Pressure	dB(A)	48.0 / 48.0	
	Sound Power	dB(A)	70.0	
External Dimension	Net Weight	kg	160.0	
	Shipping Weight	kg	167.0	
	Net Dimensions (WxHxD)	mm	770 x 1,000 x 545	
	Shipping Dimensions (WxHxD)	mm	840 x 1,200 x 620	
Operating Temp. Range	Cooling	°C	10.0 ~ 45.0	
	Heating	°C	10.0 ~ 45.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

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

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

※ If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. If the 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)

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

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

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

DVMS SPECIFICATION _Outdoor Unit

60Hz



DVMS WATER

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter) System
- High-Efficient Plate Heat Exchanger
- Long Pipe Length
- Saving Installation Space
- Auto Commissioning Manager
- Optimal Water Flow Controller
- Simultaneous Cooling and Heating
- Geothermal Application



DVMS WATER			AM096HXWAFR/AA	AM120HXWAFR/AA	AM192HXWAFR/AA	AM072HXWAJR/AA	AM096HXWAJR/AA	
Model Code								
Power Supply	Φ, #, V, Hz		3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.3,460,60	3.3,460,60	
Mode	-		H/P, H/R	H/P, H/R	H/P, H/R	H/P, H/R	H/P, H/R	
Performance	HP	HP	10.00	12.50	20.00	7.50	10.00	
	Ton	TON	8.00	10.00	16.00	6.00	8.00	
	Capacity (Nominal)	Cooling	kW	28.13	35.17	56.27	21.10	28.13
			Btu/h	96,000	120,000	192,000	72,000	96,000
		Heating	kW	31.65	39.56	63.30	23.74	31.65
Btu/h			108,000	135,000	216,000	81,000	108,000	
Power	Power Input (Nominal)	Cooling ¹⁾	4.27	8.50	15.20	4.27	4.27	
		Heating ²⁾	4.79	8.19	13.39	3.52	4.79	
	Current Input (Nominal)	Cooling ¹⁾	-	-	-	-	-	
		Heating ²⁾	-	-	-	-	-	
	MCA		23.00 (MCA)	30.00 (MCA)	39.60 (MCA)	10.00 (MCA)	11.00 (MCA)	
MFA	A	40.00	50.00	50.00	15.00	15.00		
COP	Nominal Cooling ¹⁾	-	6.59	4.14	3.70	6.70	6.59	
	Nominal Heating ²⁾	-	6.61	4.83	4.73	6.74	6.61	
Compressor	Type	-	-	-	-	-	-	
	Output	kW x n	-	-	-	-	-	
	Model Name	-	-	-	-	-	-	
	Oil	Type	-	-	-	-	-	
Condenser	Initial Charge	cc	-	-	-	-	-	
	Type	-	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	
	Pipe Size	Φ, inch	32.0	32.0	32.0	32.0	32.0	
	Lost Head	kPa	30.0	43.0	54.0	22.0	30.0	
	Water Flow Rate	LPM	96.0	114.0	190.0	80.0	96.0	
Piping Connections	Max. Pressure	Mpa	1.96	1.96	1.96	1.96	1.96	
	Liquid Pipe	Φ, mm	9.52	12.70	15.88	9.52	9.52	
		Φ, inch	3/8"	1/2"	5/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	22.22	28.58	28.58	19.05	22.22	
		Φ, inch	7/8"	1 1/8"	1 1/8"	3/4"	7/8"	
	Discharge Gas Pipe (H/R only)	Φ, mm	19.05	22.22	28.58	15.88	19.05	
		Φ, inch	3/4"	7/8"	1 1/8"	5/8"	3/4"	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	
	Installation Limitation	Max. Length	m	170	170	170	170	
Max. Height		m	50.0	50.0	50.0	50.0		
Field Wiring	Power Source Wire	mm ²	-	-	-	-		
	Transmission Cable	mm ²	-	-	-	-		
Refrigerant	Type	-	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.80	6.00	9.80	5.50		
Sound ³⁾	Sound Pressure	dB(A)	48.0 / 48.0	50.0 / 50.0	-	48.0 / 48.0		
	Sound Power	dB(A)	70.0	70.0	-	70.0		
External Dimension	Net Weight	kg	160.0	160.0	240.0	167.0		
	Shipping Weight	kg	167.0	167.0	250.0	174.0		
	Net Dimensions (WxHxD)	mm	770 x 1,000 x 545	770 x 1,000 x 545	1,100 x 1,000 x 545	790 x 1,000 x 545		
Operating Temp. Range	Cooling	°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0		
	Heating	°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0		
Shipping Dimensions (WxHxD)	mm	840 x 1,200 x 620	840 x 1,200 x 620	1,170 x 1,200 x 620	840 x 1,200 x 620	840 x 1,200 x 620		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 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) Nominal heating capacities are based on: Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m , Level differences : 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

DVMS SPECIFICATION _Outdoor Unit



DVMS WATER

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter) System
- High-Efficient Plate Heat Exchanger
- Long Pipe Length
- Saving Installation Space
- Auto Commissioning Manager
- Optimal Water Flow Controller
- Simultaneous Cooling and Heating
- Geothermal Application



DVMS WATER				AM120HXWJR/AA	AM192HXWJR/AA	AM080FXWANR/EU	AM100FXWANR/EU	AM120FXWANR/EU	AM200FXWANR/EU	
Model Code										
Power Supply	Φ, #, V, Hz		3,3,460,60	3,3,460,60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	
Mode			H/P, H/R	H/P, H/R	H/P, H/R	H/P, H/R	H/P, H/R	H/P, H/R	H/P, H/R	
Performance	HP		12.50	20.00	10.00	10.00	12.00	20.00	16.5	
	Ton		10.00	16	6.5	8	10	16.5	16.5	
	Capacity (Nominal)	Cooling	kW	35.17	56.27	22.40	28.00	33.60	56.00	56.00
		Heating	Btu/h	120,000	192,000	76,400	95,500	114,600	191,100	191,100
Power	Power Input (Nominal)	Cooling ¹⁾	kW	6.99	15.20	3.84	5.05	6.46	10.77	
		Heating ²⁾	kW	7.49	13.39	4.12	5.25	6.51	10.86	
	Current Input (Nominal)	Cooling ¹⁾	A	-	-	6.20	8.10	10.30	17.30	
		Heating ²⁾	A	-	-	6.60	8.40	10.40	17.40	
MCA			15.60 (MCA)	26.20 (MCA)	16.30 (MCA)	20.00 (MCA)	25.00 (MCA)	39.80 (MCA)		
MFA			20.00	35.00	20.00	20.00	30.00	40.00		
COP	Nominal Cooling ¹⁾		-	5.03	3.70	5.83	5.54	5.20	5.20	
	Nominal Heating ²⁾		-	5.28	4.73	6.12	6.00	5.81	5.80	
Compressor	Type		-	-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	
	Output	kW x n	-	-	(4.96)	(4.96)	(6.13)	(4.96x2)		
	Model Name		-	-	DS-GB052FAVB x 1	DS-GB052FAVB x 1	DS-GB052FAVB x 1	DS-GB052FAVB x 2		
	Oil	Type	-	-	PVE	PVE	PVE	PVE		
	Initial Charge	cc	-	-	2300	2300	2300	4600		
Condenser	Type		PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)		
	Pipe Size	Φ, inch	32.0	32.0	32.0	32.0	32.0	32.0		
	Lost Head	kPa	43.0	54.0	22.0	30.0	43.0	54.0		
	Water Flow Rate	LPM	114.0	190.0	80.0	96.0	114.0	190.0		
	Max. Pressure	Mpa	1.96	1.96	1.96	1.96	1.96	1.96		
Piping Connections	Liquid Pipe	Φ, mm	12.70	15.88	9.52	9.52	12.70	15.88		
		Φ, inch	1/2"	5/8"	3/8"	3/8"	1/2"	5/8"		
	Gas Pipe	Φ, mm	28.58	28.58	19.05	22.22	28.58	28.58		
		Φ, inch	1 1/8"	1 1/8"	3/4"	7/8"	1 1/8"	1 1/8"		
	Discharge Gas Pipe (H/R only)	Φ, mm	22.22	28.58	15.88	19.05	28.58	28.58		
		Φ, inch	7/8"	1 1/8"	5/8"	3/4"	1 1/8"	1 1/8"		
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
Installation Limitation	Max. Length	m	170	170	170	170	170			
	Max. Height	m	50.0	50.0	50.0	50.0	50.0			
Field Wiring	Power Source Wire	mm ²	-	-	2.5	2.5	4.0			
	Transmission Cable	mm ²	-	-	0.75~1.25	0.75~1.25	0.75~1.25			
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A			
	Factory Charging	kg	6.00	9.80	5.50	5.80	6.00			
Sound ³⁾	Sound Pressure	dB(A)	50.0 / 50.0	51.0 / 51.0	48.0	48.0	50.0			
	Sound Power	dB(A)	70.0	70.0	70.0	70.0	70.0			
External Dimension	Net Weight	kg	167.0	247.0	160.0	160.0	240.0			
	Shipping Weight	kg	174.0	257.0	167.0	167.0	250.0			
	Net Dimensions (WxHxD)	mm	790 x 1,000 x 545	1,120 x 1,000 x 545	770 x 1,000 x 545	770 x 1,000 x 545	1,100 x 1,000 x 545			
	Shipping Dimensions (WxHxD)	mm	840 x 1,200 x 620	1,170 x 1,200 x 620	840 x 1,200 x 620	840 x 1,200 x 620	1,170 x 1,200 x 620			
Operating Temp. Range	Cooling	°C	10.0~45.0	10.0~45.0	10.0~45.0	10.0~45.0	10.0~45.0			
	Heating	°C	10.0~45.0	10.0~45.0	10.0~45.0	10.0~45.0	10.0~45.0			

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 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) Nominal heating capacities are based on: Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m , Level differences : 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

DVMS SPECIFICATION _Outdoor Unit



DVMS Eco

DIGITAL VARIABLE MULTI

- Top-class Energy Efficiency
- Small Footprint and Volume
- Flexible Piping Design
- Low Noise Level
- New Communication Protocol

DVM S ECO (220V)			AM036FXMDCH/AA	AM048FXMDCH/AA	AM053FXMDCH/AA	AM040HXMDBC/TC	AM050HXMDBC/TC	AM060HXMDBC/TC	AM080FXMDGC/EA	
Power Supply	Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,220,60	1,2,220,60	1,2,220,60	3,4,380-415,50/60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	HP	4.00	5.00	6.00	4.00	5.00	6.00	8.00	
	Ton	Ton	3	4	5	3	4	5	6.5	
	Capacity (Nominal)	Cooling	kW	11.14	14.07	15.53	11	14.5	16	22.4
		Btu/h	38,000	48,000	53,000	37,500	49,500	54,600	76,400	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	3.1	4.2	5.3	2.8	3.9	4.2	5.72
		Heating ²⁾	kW	3.4	4.4	5.39	-	-	-	-
	Current Input (Nominal)	Cooling ¹⁾	A	-	-	-	13.5	19	20.2	9.66
		Heating ²⁾	A	-	-	-	-	-	-	-
MCA			23.00 (MCA)	29.00 (MCA)	34.00 (MCA)	22.00 (Max)	24.00 (Max)	32.00 (Max)	18.00 (MCA)	
MFA	A		40	50	55	30	30	40	25	
COP	Nominal Cooling ¹⁾		3.59	3.35	2.93	3.93	3.72	3.81	3.92	
	Nominal Heating ²⁾		3.62	3.6	3.32	-	-	-	-	
Compressor	Type		Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	SSC Scroll x 1	
	Output	kW x n	-4.12	-4.12	-4.12	-4.12	-4.12	-4.12	-4.96	
	Model Name		UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	DS-GB052FAVADO x 1	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	1700	1700	1700	1700	1700	1700	1100	
Fan	Type		Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller	
	Output x n	W	125.0 x 2	125.0 x 2	125.0 x 2	125.0 x 1	125.0 x 1	125.0 x 2	180.0 x 2	
	Air Flow Rate	CMM	110	110	110	60	60	100	135	
	External Static Pressure	Max.	mmAq	1,833.33	1,833.33	1,833.33	1,000.00	1,000.00	1,666.67	2,250.00
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52	
		Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	15.88	19.05	15.88	15.88	19.05	19.05	
		Φ, inch	5/8"	5/8"	3/4"	5/8"	5/8"	3/4"	3/4"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	150	150	150	70	70	150	100	
	Max. Height	m	50	50	50	30	30	50	30	
Field Wiring	Power Source Wire	mm ²	-	-	-	CV 2.5~4.0	CV 2.5~4	CV 4.0~6	-	
	Transmission Cable	mm ²	-	-	-	VCTF 0.75~1.5	VCTF 0.75~1.5	VCTF 0.75~1.5	0.75~1.5	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	3.2	3.2	3.2	2	2	2.8	3.7	
Sound ³⁾	Sound Pressure	dB(A)	50	51	53	-	-	-	56	
	Sound Power	dB(A)	-	-	-	-	-	-	-	
External Dimension	Net Weight	kg	100	100	103	76	76	95	134	
	Shipping Weight	kg	105	105	108	79	79	105	139	
	Net Dimensions (WxHxD)	mm	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 998 x 330	940 x 998 x 330	940 x 1,210 x 330	940 x 1,420 x 330	
Operating Temp. Range	Shipping Dimensions (WxHxD)	mm	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,136 x 426	995 x 1,136 x 426	995 x 1,338 x 426	995 x 1,578 x 426	
	Cooling	°C	-5.0~47.8	-5.0~47.8	-5.0~47.8	-5.0~48.0	-5.0~48.0	-5.0~48.0	-5.0~48.0	
	Heating	°C	-20.0~18.9	-20.0~18.9	-20.0~18.9	-	-	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

DVMS SPECIFICATION _Outdoor Unit



DVMS Eco

DIGITAL VARIABLE MULTI

- Top-class Energy Efficiency
- Small Footprint and Volume
- Flexible Piping Design
- Low Noise Level
- New Communication Protocol

DVM SECO				AM080KXMDFH/TC	AM100KXMDFH/TC	AM120KXMDFH/TC	AM100KXMDHH/TC	AM120KXMDHH/TC	AM140KXMDHH/TC	
Power Supply	Φ, #, V, Hz			3.3,208-230,60	3.3,208-230,60	3.3,208-230,60	3.4,380,60	3.4,380,60	3.4,380,60	
Mode	-			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	Cooling	HP	8.00	10.00	12.00	10.00	12.00	14.00	
			kW	22.40	28.00	33.60	28.00	33.50	40.00	
	Capacity (Nominal)	Heating	Btu/h	76,400	95,500	114,600	95,500	114,300	136,500	
			kW	25.20	31.50	37.80	31.50	37.50	45.00	
Power	Power Input (Nominal)	Cooling ¹⁾	Btu/h	86,000	107,500	129,000	107,500	128,000	153,500	
			kW	5.33	6.83	8.84	7.00	8.38	10.00	
	Current Input (Nominal)	Heating ²⁾	kW	5.59	7.14	9.22	6.17	7.50	9.57	
			A	15.00	19.30	25.00	11.51	13.74	16.48	
	MCA	MFA	A	15.80	20.10	26.00	10.38	12.23	15.55	
			A	25.00 (MCA)	34.00 (MCA)	35.00 (MCA)	21.50 (MCA)	23.50 (MCA)	32.00 (MCA)	
COP	Nominal Cooling ¹⁾	-	A	40.00	50.00	30.00	30.00	40.00		
			-	4.20	4.10	3.80	4.00	4.00		
Compressor	Nominal Heating ²⁾	-	-	4.51	4.41	5.11	5.00	4.70		
			Type	-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	
Fan	Output x n	kW x n	-	(5.18)	(6.45)	(6.45)	(5.18)	(6.39)	(6.76)	
			Model Name	-	DS-GB052FBVA x 1	DS4GJ5066EVA x 1	DS4GJ5066EVA x 1	DS-GB052FAVB x 1	DS-GB066FAVB x 1	DS-GB070FAVA x 1
			Oil	Type	-	PVE	PVE	PVE	PVE	PVE
Piping Connections	Initial Charge	cc	-	1100	2800	2800	1100	1100	1100	
			Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	
			Output x n	-	183.0 x 2	183.0 x 2	183.0 x 2	244.0 x 2	244.0 x 2	
			Air Flow Rate	CMM	190	199	201	165	166	180
External Static Pressure	Max.	mmAq	-	-	-	-	-	-		
			Pa	-	-	-	-	-		
Field Wiring	Liquid Pipe	Φ, mm	9.52	9.52	12.70	9.52	12.70	12.70		
			Φ, inch	3/8"	3/8"	1/2"	3/8"	1/2"		
	Gas Pipe	Φ, mm	19.05	22.22	28.58	22.22	28.58			
			Φ, inch	3/4"	7/8"	1 1/8"	7/8"	1 1/8"		
	Discharge Gas Pipe (HR)	Φ, mm	-	-	-	-	-			
			Φ, inch	-	-	-	-			
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-			
			Φ, inch	-	-	-	-			
Installation Limitation	Max. Length	m	160	160	160	160	160			
			Max. Height	m	50.0	50.0	50.0	50.0		
Refrigerant	Power Source Wire	mm ²	-	-	-	-	-			
			Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
Sound ³⁾	Type	-	R410A	R410A	R410A	R410A	R410A			
			Factory Charging	kg	3.70	3.70	4.80	3.70	4.80	
External Dimension	Net Weight	kg	145.0	152.0	162.0	145.0	155.0			
			Shipping Weight	kg	158.0	165.0	175.0	158.0	168.0	
Operating Temp. Range	Net Dimensions (WxHxD)	mm	940 x 1,630 x 460	940 x 1,630 x 460	940 x 1,630 x 460	940 x 1,630 x 460	940 x 1,630 x 460			
			Shipping Dimensions (WxHxD)	mm	1,020 x 1,820 x 575	1,020 x 1,820 x 575	1,020 x 1,820 x 575	1,020 x 1,820 x 575	1,020 x 1,820 x 575	
Operating Temp. Range	Cooling	°C	-5.0 ~ 50.0	-5.0 ~ 50.0	-5.0 ~ 50.0	-5.0 ~ 52.0	-5.0 ~ 52.0			
			Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 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) Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m, Level differences: 0m.
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.



360 Cassette

- Cold Draft Free
- Perfect even cooling
- Stylish design
- New communication Protocol

360 Cassette				360 CST (Circle)	360 CST (Square)	360 CST (Circle)	360 CST (Square)	360 CST (Circle)	360 CST (Square)
Type				AM009KN4DCH/AA	AM009KN4DCH/AA	AM012KN4DCH/AA	AM012KN4DCH/AA	AM018KN4DCH/AA	AM018KN4DCH/AA
Model Code				AM009KN4DCH/AA	AM009KN4DCH/AA	AM012KN4DCH/AA	AM012KN4DCH/AA	AM018KN4DCH/AA	AM018KN4DCH/AA
Power Supply	Φ, #, V, Hz			1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60
Mode				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.64	2.64	3.52	3.52	5.28	5.28
			Btu/h	9,000	9,000	12,000	12,000	18,000	18,000
	Heating	kW	2.93	2.93	3.96	3.96	5.86	5.86	
			Btu/h	10,000	10,000	13,500	13,500	20,000	20,000
Power	Power Input (Nominal)	Cooling	W	26.00	26.00	26.00	26.00	26.00	26.00
			W	26.00	26.00	26.00	26.00	26.00	26.00
	Current Input (Nominal)	Cooling	A	0.18	0.18	0.18	0.18	0.18	0.18
			A	0.18	0.18	0.18	0.18	0.18	0.18
Fan	Type		mm ²	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor	Output x n	W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	H/M/L (UL)	CMM	16.00/15.00/14.00	16.00/15.00/14.00	16.00/15.00/14.00	16.00/15.00/14.00	16.00/15.00/14.00	16.00/15.00/14.00
			l/s	266.67/250.00/233.33	266.67/250.00/233.33	266.67/250.00/233.33	266.67/250.00/233.33	266.67/250.00/233.33	266.67/250.00/233.33
	External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	-
		Pa	-	-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm		6.35	6.35	6.35	6.35	6.35	
			inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm		12.70	12.70	12.70	12.70	12.70	
			inch	1/2"	1/2"	1/2"	1/2"	1/2"	
Drain Pipe	Φ, mm		VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
Field Wiring	Power Source Wire		mm ²	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	
	Transmission Cable		mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	
	Control Method			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	33.0/31.0/29.0	33.0/31.0/29.0	33.0/31.0/29.0	33.0/31.0/29.0	33.0/31.0/29.0	
		Cooling	dB(A)	-	51.0	-	51.0	-	
Dimensions	Net Weight		kg	21.00	21.00	21.00	21.00	21.00	
	Shipping Weight		kg	25.00	25.00	25.00	25.00	25.00	
	Net Dimensions (W×H×D)		mm	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947	
			mm	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990	
Panel Size	Panel model			PC4NUNMAN	PC4NUDMAN	PC4NBDMAN	PC4NBDMAN	PC4NBDMAN	
			kg	2.70	3.60	3.60	3.60	3.60	
	Shipping Weight		kg	5.10	6.00	6.00	6.00	6.00	
			mm	1050 x 94 x 1050	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000	
Additional Accessories	Drain pump		- / Model name	-	-	-	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	
	Air Filter			-	-	-	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * These products contain R410A which is fluorinated greenhouse gas.

Optional Accessories





360 Cassette

- Cold Draft Free
- Perfect even cooling
- Stylish design
- New communication Protocol

360 Cassette				360 CST (Circle)	360 CST (Square)	360 CST (Circle)	360 CST (Square)	360 CST (Square)	360 CST (Circle)	360 CST (Square)	360 CST (Circle)
Type				AM024KN4DCH/AA	AM024KN4DCH/AA	AM030KN4DCH/AA	AM030KN4DCH/AA	AM036KN4DCH/AA	AM036KN4DCH/AA	AM048KN4DCH/AA	AM048KN4DCH/AA
Power Supply	Φ, #, V, Hz			1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60
Mode				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	7.03	7.03	8.79	8.79	10.55	10.55	14.07	14.07
			Btu/h	24,000	24,000	30,000	30,000	36,000	36,000	48,000	48,000
		Heating	kW	7.91	7.91	9.96	9.96	11.72	11.72	15.83	15.83
			Btu/h	27,000	27,000	34,000	34,000	40,000	40,000	54,000	54,000
Power	Power Input (Nominal)	Cooling	W	38.00	38.00	54.00	54.00	71.00	71.00	91.00	91.00
			Heating	38.00	38.00	54.00	54.00	71.00	71.00	91.00	91.00
	Current Input (Nominal)	Cooling	A	0.28	0.28	0.42	0.42	0.57	0.57	0.75	0.75
			Heating	0.28	0.28	0.42	0.42	0.57	0.57	0.75	0.75
Fan	Type		mm ²	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor	Output x n	W	65 x 1	65 x 1	97 x 1	97 x 1	97 x 1	97 x 1	97 x 1	97 x 1
	Air Flow Rate	H/M/L (UL)	CMM	19.00/16.50/14.50	19.00/16.50/14.50	25.50/22.50/20.00	25.50/22.50/20.00	28.00/25.00/22.00	28.00/25.00/22.00	31.50/27.00/24.00	31.50/27.00/24.00
			l/s	316.67/275.00/241.67	316.67/275.00/241.67	425.00/375.00/333.33	425.00/375.00/333.33	466.67/416.67/366.67	466.67/416.67/366.67	525.00/450.00/400.00	525.00/450.00/400.00
	External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	-	-	-
			Pa	-	-	-	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	
		Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	
		Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	
Drain Pipe		Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Field Wiring	Power Source Wire		mm ²	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	
	Transmission Cable		mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.0/35.0/32.0	38.0/35.0/32.0	40.0/38.0/36.0	40.0/38.0/36.0	43.0/40.0/38.0	43.0/40.0/38.0	44.0/42.0/39.0	44.0/42.0/39.0
			Sound Power	Cooling	dB(A)	-	56.0	-	58.0	60.0	-
Dimensions	Net Weight		kg	21.00	21.00	24.00	24.00	24.00	24.00	24.00	
	Shipping Weight		kg	25.00	25.00	28.50	28.50	28.50	28.50	28.50	
	Net Dimensions (W×H×D)	mm		947 x 281 x 947	947 x 281 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947	
				990 x 330 x 990	990 x 330 x 990	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990	
Panel Size	Panel model	-		PC4NBDMAN	PC4NBDMAN	PC4NBDMAN	PC4NBDMAN	PC4NBDMAN	PC4NBDMAN	PC4NBDMAN	
			Panel Net Weight	kg	3.60	3.60	3.60	3.60	3.60	3.60	
	Shipping Weight	kg		6.00	6.00	6.00	6.00	6.00	6.00		
			Net Dimensions (W×H×D)	mm	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000	
Additional Accessories	Drain pump	- / Model name		-	-	-	-	-	-		
			Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-		
Air Filter			-	-	-	-	-	-			

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * These products contain R410A which is fluorinated greenhouse gas.

Optional Accessories





4Way Cassette

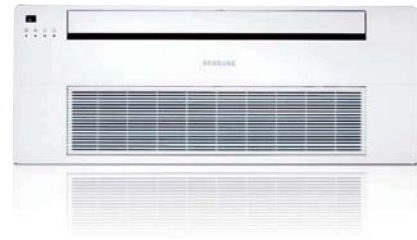
- Compact and Light Unit
- Virus Doctor (Optional)
- No Overflowing Drain Water
- New Communication Protocol

4Way Cassette				AM018FN4DCH/AA	AM024FN4DCH/AA	AM030FN4DCH/AA	AM036FN4DCH/AA	AM048FN4DCH/AA
Power Supply	Φ, #, V, Hz			1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	5.28	7.03	8.79	10.55	14.07
			Btu/h	18,000	24,000	30,000	36,000	48,000
		Heating	kW	5.86	7.91	9.96	11.72	15.83
			Btu/h	20,000	27,000	34,000	40,000	54,000
Power	Power Input (Nominal)	Cooling	W	32.00	40.00	65.00	75.00	95.00
		Heating	W	32.00	40.00	65.00	75.00	95.00
	Current Input (Nominal)	Cooling	A	0.25	0.30	0.50	0.56	0.75
		Heating	A	0.25	0.30	0.50	0.56	0.75
Fan	Motor	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	W	65 x 1	65 x 1	97 x 1	97 x 1	97 x 1
	Air Flow Rate	H/M/L (UL)	CMM	15.50/14.00/12.00	17.50/16.00/13.99	22.00/19.50/17.00	24.00/22.00/20.00	29.00/27.00/24.00
			l/s	258.33/233.33/200.00	291.67/266.67/233.17	366.67/325.00/283.33	400.00/366.67/333.33	483.33/450.00/400.00
External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	
		Pa	-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	9.52	9.52	9.52	
		Φ, inch	1/4"	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	12.70	15.88	15.88	15.88	15.88	
		Φ, inch	1/2"	5/8"	5/8"	5/8"	5/8"	
Drain Pipe	Φ, mm	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)		
Field Wiring	Power Source Wire	mm ²	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	
	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	
	Control Method		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	34.0/33.0/31.0	36.0/35.0/34.0	39.0/34.0/30.0	40.0/37.0/33.0	44.0/42.0/39.0
		Cooling	dB(A)	-	-	-	-	-
Dimensions	Net Weight	kg	15.00	15.00	18.50	18.50	18.50	
	Shipping Weight	kg	18.50	18.50	23.00	23.00	23.00	
	Net Dimensions (W×H×D)	mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	
	Shipping Dimensions (W×H×D)	mm	898 x 275 x 898	898 x 275 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	
Panel Size	Panel model		PC4NUSKFN	PC4NUSKFN	PC4NUSKFN	PC4NUSKFN	PC4NUSKFN	
	Panel Net Weight	kg	5.80	5.80	5.80	5.80	5.80	
	Shipping Weight	kg	8.40	8.40	8.40	8.40	8.40	
	Net Dimensions (W×H×D)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	
Shipping Dimensions (W×H×D)	mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005		
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	-	-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter			-	-	-	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories





1Way Cassette

- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water
- New Communication Protocol

1Way Cassette				AM007FN1DCH/AA	AM009FN1DCH/AA	AM012FN1DCH/AA	AM056FN1DEH/TL	AM071FN1DEH/TL
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,220-240,50/60	1,2,220-240,50/60
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.78	3.52	5.60	7.10
			Btu/h	7,500	9,500	12,000	19,100	24,200
		Heating	kW	2.49	3.08	3.96	6.30	8.00
			Btu/h	8,500	10,500	13,500	21,500	27,300
Power	Power Input (Nominal)	Cooling	W	40.00	45.00	50.00	55.00	80.00
		Heating	W	40.00	45.00	50.00	55.00	80.00
	Current Input (Nominal)	Cooling	A	0.23	0.25	0.28	0.28	0.40
		Heating	A	0.23	0.25	0.28	0.28	0.40
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output x n	W	20 x 1	20 x 1	20 x 1	54 x 1	54 x 1
	Air Flow Rate	H/M/L (UL)	CMM	7.00/6.00/5.00	7.00/6.00/5.00	8.00/7.00/6.00	16.00/14.00/12.50	17.00/15.50/14.00
		l/s		116.67/100.00/83.33	116.67/100.00/83.33	133.33/116.67/100.00	266.67/233.33/208.33	283.33/258.33/233.33
External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	
		Pa	-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	9.52	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	3/8"	
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	15.88	
		Φ, inch	1/2"	1/2"	1/2"	1/2"	5/8"	
Drain Pipe	Φ, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)		
Field Wiring	Power Source Wire	mm ²	AWG 14	AWG 14	AWG 14	1.5 ~ 2.5	1.5 ~ 2.5	
	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	27.0/25.0/23.0	29.0/27.0/24.0	35.0/31.0/27.0	36.0/33.0/31.0	39.0/37.0/34.0
	Sound Power	Cooling	dB(A)	-	-	-	58.0	60.0
Dimensions	Net Weight	kg	10.50	10.50	10.50	14.50	14.50	
	Shipping Weight	kg	13.00	13.00	13.00	18.50	18.50	
	Net Dimensions (W×H×D)	mm	970 x 135 x 410	970 x 135 x 410	970 x 135 x 410	1200 x 138 x 450	1200 x 138 x 450	
	Shipping Dimensions (W×H×D)	mm	1164 x 212 x 478	1164 x 212 x 478	1164 x 212 x 478	1435 x 214 x 525	1435 x 214 x 525	
Panel Size	Panel model	-	PC1NUSMAN	PC1NUSMAN	PC1NUSMAN	PC1BWEAN	PC1BWEAN	
	Panel Net Weight	kg	3.00	3.00	3.00	4.50	4.50	
	Shipping Weight	kg	5.00	5.00	5.00	7.80	7.80	
	Net Dimensions (W×H×D)	mm	1180 x 25 x 460	1180 x 25 x 460	1180 x 25 x 460	1420 x 23 x 500	1420 x 23 x 500	
Shipping Dimensions (W×H×D)	mm	1259 x 144 x 539	1259 x 144 x 539	1259 x 144 x 539	1483 x 144 x 573	1483 x 144 x 573		
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	-	-	
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories





2Way Cassette

- Standard Formula for Easy Installation
- Twin Cross Flow Fan
- Small Size, Big Performance
- New Communication Protocol



4Way Cassette (600x600)

- Compact and Light Unit
- Virus Doctor (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water
- New Communication Protocol

2Way Cassette				AM018FN2DCH/TC	AM024FN2DCH/TC
Model Code					
Power Supply		Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	
Mode		-	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	5.28	7.03
			Btu/h	18,000	24,000
		Heating	kW	5.86	7.91
			Btu/h	20,000	27,000
Power	Power Input (Nominal)	Cooling	W	70.00	75.00
		Heating	W	70.00	75.00
	Current Input (Nominal)	Cooling	A	0.38	0.40
		Heating	A	0.38	0.40
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output x n	W	14 x 2	14 x 2
	Air Flow Rate	H/M/L (UL)	CMM	14.00/13.00/12.00	15.00/14.00/13.00
			l/s	233.33/216.67/200.00	250.00/233.33/216.67
External Pressure	Min / Std / Max	mmAq	-	-	
		Pa	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	
		Φ, inch	1/4"	3/8"	
	Gas Pipe	Φ, mm	12.70	15.88	
		Φ, inch	1/2"	5/8"	
Drain Pipe	Φ, mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)		
	Power Source Wire	mm ²	AWG 16 ~ 14	AWG 16 ~ 14	
Field Wiring	Transmission Cable	mm ²	AWG 18 ~ 16	AWG 18 ~ 16	
	Type	-	R410A	R410A	
Refrigerant	Control Method	-	EEV INCLUDED	EEV INCLUDED	
	Sound	Sound Pressure	High / Mid / Low	dB(A)	38.0/37.0/35.0
Cooling			dB(A)	-	-
Dimensions	Net Weight	kg	21.00	22.00	
		Shipping Weight	kg	25.00	26.00
	Net Dimensions (W×H×D)	mm	890 x 230 x 575	890 x 230 x 575	
		Shipping Dimensions (W×H×D)	mm	1077 x 299 x 642	1077 x 299 x 642
Panel Size	Panel model	-	PC2NUSMEN	PC2NUSMEN	
		Panel Net Weight	kg	4.00	4.00
	Shipping Weight	kg	8.00	8.00	
		Net Dimensions (W×H×D)	mm	1030 x 25 x 650	1030 x 25 x 650
Shipping Dimensions (W×H×D)	mm	1103 x 151 x 727	1103 x 151 x 727		
	Additional Accessories	Drain pump	Drain pump - / Model name	-	-
Air Filter		Max. lifting Height / Displacement	mm / liter/h	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

4Way Cassette (600x600)						AM009FNNDCH/AA	AM012FNNDCH/AA	AM018FNNDCH/AA	AM020FNNDCH/AA
Model Code									
Power Supply		Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60			
Mode		-	HP/HR	HP/HR	HP/HR	HP/HR			
Performance	Capacity (Nominal)	Cooling ²⁾	kW	2.78	3.52	5.28	5.86		
			Btu/h	9,500	12,000	18,000	20,000		
		Heating ²⁾	kW	3.08	3.96	5.86	6.74		
			Btu/h	10,500	13,500	20,000	23,000		
Power	Power Input (Nominal)	Cooling ¹⁾	W	24.00	28.00	36.00	38.00		
		Heating ¹⁾	W	24.00	28.00	36.00	38.00		
	Current Input (Nominal)	Cooling ¹⁾	A	0.17	0.19	0.27	0.30		
		Heating ¹⁾	A	0.17	0.19	0.27	0.30		
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan		
		Output x n	W	65 x 1	65 x 1	65 x 1	65 x 1		
	Air Flow Rate	H/M/L (UL)	CMM	10.00/8.50/7.50	10.50/9.50/8.00	13.00/11.00/9.50	13.50/12.00/10.20		
			l/s	166.67/141.67/125.00	175.00/158.33/133.33	216.67/183.33/158.33	225.00/200.00/170.00		
External Pressure	Min / Std / Max	mmAq	-	-	-	-			
		Pa	-	-	-	-			
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35			
		Φ, inch	1/4"	1/4"	1/4"	1/4"			
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70			
		Φ, inch	1/2"	1/2"	1/2"	1/2"			
Drain Pipe	Φ, mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)				
	Power Source Wire	mm ²	AWG 14	AWG 14	AWG 14	AWG 14			
Field Wiring	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED			
	Type	-	R410A	R410A	R410A	R410A			
Refrigerant	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED			
	Sound	Sound Pressure	High / Mid / Low	dB(A)	34.0/30.0/26.0	36.0/34.0/31.0	40.0/37.0/34.0	41.0/38.0/35.0	
Cooling			dB(A)	-	-	-	-		
Dimensions	Net Weight	kg	12.00	12.00	12.00	12.00			
		Shipping Weight	kg	14.00	14.00	14.00	14.00		
	Net Dimensions (W×H×D)	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575			
		Shipping Dimensions (W×H×D)	mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653		
Panel Size	Panel model	-	PC4SUSMEN	PC4SUSMEN	PC4SUSMEN	PC4SUSMEN			
		Panel Net Weight	kg	2.70	2.70	2.70	2.70		
	Shipping Weight	kg	4.20	4.20	4.20	4.20			
		Net Dimensions (W×H×D)	mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670		
Shipping Dimensions (W×H×D)	mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724				
	Additional Accessories	Drain pump	Drain pump - / Model name	-	-	-	-		
Air Filter		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Optional Accessories



LSP Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain
- New Communication Protocol

LSP Duct				AM007FNLDC/AA	AM009FNLDC/AA	AM012FNLDC/AA	AM018FNLDC/AA
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.78	3.52	5.28
			Btu/h	7,500	9,500	12,000	18,000
		Heating	kW	2.49	3.08	3.96	5.86
			Btu/h	8,500	10,500	13,500	20,000
Power	Power Input (Nominal)	Cooling	W	47.00	60.00	75.00	140.00
		Heating	W	47.00	60.00	75.00	140.00
	Current Input (Nominal)	Cooling	A	0.32	0.40	0.51	0.94
		Heating	A	0.32	0.40	0.51	0.94
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	40 x 1	50 x 1	60 x 1	100 x 1
	Air Flow Rate	H/M/L (UL)	CMM	8.00/7.00/6.00	9.00/8.00/7.00	10.00/8.50/7.00	15.50/14.00/12.50
			l/s	133.33/116.67/100.00	150.00/133.33/116.67	166.67/141.67/116.67	258.33/233.33/208.33
External Pressure	Min / Std / Max	mmAq	0.00/1.00/4.00	0.00/1.00/4.00	0.00/1.00/4.00	0.00/1.00/4.00	
		Pa	0.00/9.81/39.23	0.00/9.81/39.23	0.00/9.81/39.23	0.00/9.81/39.23	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	
		Φ, inch	1/2"	1/2"	1/2"	1/2"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
	Power Source Wire	mm ²	AWG 14	AWG 14	AWG 14	AWG 14	
Field Wiring	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
		Type	-	R410A	R410A	R410A	
Refrigerant	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
		Sound Pressure	High / Mid / Low	dB(A)	26.0/24.0/21.0	27.0/25.0/23.0	29.0/28.0/27.0
Sound	Sound Power	Cooling	dB(A)	-	-	-	-
		Net Weight	kg	24.50	24.50	24.50	30.00
Dimensions	Shipping Weight	kg	28.50	28.50	28.50	34.50	
		Net Dimensions (W×H×D)	mm	900 x 199 x 600	900 x 199 x 600	900 x 199 x 600	1100 x 199 x 600
	Shipping Dimensions (W×H×D)	mm	1150 x 280 x 710	1150 x 280 x 710	1150 x 280 x 710	1350 x 280 x 710	
		Panel model	-	-	-	-	
Panel Size	Panel Net Weight	kg	-	-	-	-	
		Shipping Weight	kg	-	-	-	-
	Net Dimensions (W×H×D)	mm	-	-	-	-	
		Shipping Dimensions (W×H×D)	mm	-	-	-	-
Additional Accessories	Drain pump	- / Model name	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-
Air Filter	-	-	-	-	-		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



LSP Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain
- New Communication Protocol

LSP Duct				AM024FNLDC/AA	AM030FNLDC/AA	AM036FNLDC/AA	AM048FNLDC/AA
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,220-240,50	1,2,208-230,60	1,2,208-230,60
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	7.03	8.79	10.55	14.07
			Btu/h	24,000	30,000	36,000	48,000
		Heating	kW	7.91	9.96	11.72	15.83
			Btu/h	27,000	34,000	40,000	54,000
Power	Power Input (Nominal)	Cooling	W	145.00	95.00	120.00	180.00
			Heating	145.00	95.00	120.00	180.00
	Current Input (Nominal)	Cooling	A	0.98	0.80	1.05	1.40
			Heating	0.98	0.80	1.05	1.40
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	110 x 1	80 x 1	100 x 1	160 x 1
	Air Flow Rate	H/M/L (UL)	CMM	16.50/15.00/13.50	31.00/26.00/23.00	34.00/29.00/24.00	38.00/32.00/27.00
			l/s	275.00/250.00/225.00	516.67/433.33/383.33	566.67/483.33/400.00	633.33/533.33/450.00
External Pressure	Min / Std / Max	mmAq	0.00/1.00/4.00	0.00/1.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00	
		Pa	0.00/9.81/39.23	0.00/9.81/58.84	0.00/29.42/58.84	0.00/29.42/58.84	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	
		Φ, inch	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	15.88	15.88	15.88	
		Φ, inch	5/8"	5/8"	5/8"	5/8"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
Field Wiring	Power Source Wire	mm ²	AWG 14	AWG 14	AWG 14	AWG 14	
	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.0/36.0/33.0	37.0/36.0/34.0	37.0/36.0/34.0	39.0/38.0/36.0
		Cooling	dB(A)	-	-	-	-
Dimensions	Net Weight	kg	30.00	40.00	40.00	41.50	
	Shipping Weight	kg	34.50	47.00	47.00	48.50	
	Net Dimensions (W×H×D)	mm	1100 x 199 x 600	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690	
	Shipping Dimensions (W×H×D)	mm	1350 x 280 x 710	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835	
	Panel model	-	-	-	-	-	
Panel Size	Panel Net Weight	kg	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	-	
	Shipping Dimensions (W×H×D)	mm	-	-	-	-	
	Drain pump	Drain pump	- / Model name	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	
	Air Filter	-	-	-	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



MSP Duct



- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain
- New Communication Protocol

MSP Duct				AM018FNMDCH/AA	AM024FNMDCH/AA	AM030FNMDCH/AA	AM036FNMDCH/AA	AM048FNMDCH/AA
Power Supply	Φ, #, V, Hz			1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	5.28	7.03	8.79	10.55	14.07
			Btu/h	18,000	24,000	30,000	36,000	48,000
		Heating	kW	5.86	7.91	9.96	11.72	15.83
			Btu/h	20,000	27,000	34,000	40,000	54,000
Power	Power Input (Nominal)	Cooling	W	165.00	220.00	260.00	290.00	430.00
			Heating	165.00	220.00	260.00	290.00	430.00
	Current Input (Nominal)	Cooling	A	1.40	1.50	1.50	1.60	2.45
			Heating	1.40	1.50	1.50	1.60	2.45
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	124 x 1	124 x 1	180 x 1	180 x 1	218 x 1
	Air Flow Rate	H/M/L (UL)	CMM	14.50/13.00/11.50	18.50/17.00/15.50	25.00/23.00/20.00	27.00/25.00/23.00	35.00/33.00/30.00
			l/s	241.67/216.67/191.67	308.33/283.33/258.33	416.67/383.33/333.33	450.00/416.67/383.33	583.33/550.00/500.00
External Pressure	Min / Std / Max	mmAq	0.00/4.00/8.00	0.00/4.00/8.00	6.00/8.00/10.00	6.00/8.00/10.00	6.00/8.00/10.00	
		Pa	0.00/39.23/78.45	0.00/39.23/78.45	58.84/78.45/98.07	58.84/78.45/98.07	58.84/78.45/98.07	
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	9.52	9.52	9.52	
		Φ, inch	1/4"	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	12.70	15.88	15.88	15.88	15.88	
		Φ, inch	1/2"	5/8"	5/8"	5/8"	5/8"	
Drain Pipe	Φ, mm	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)		
Field Wiring	Power Source Wire	mm ²	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	
	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	35.0/33.0/31.0	39.0/35.0/31.0	40.0/37.0/34.0	41.0/40.0/38.0	42.0/39.0/36.0
		Cooling	dB(A)	-	-	-	-	-
Dimensions	Net Weight	kg	29.00	29.00	36.50	36.50	48.50	
	Shipping Weight	kg	33.00	33.00	40.50	40.50	55.50	
	Net Dimensions (W×H×D)	mm	900 x 260 x 480	900 x 260 x 480	1150 x 320 x 480	1150 x 320 x 480	1200 x 360 x 650	
	Shipping Dimensions (W×H×D)	mm	1170 x 340 x 595	1170 x 340 x 595	1420 x 400 x 595	1420 x 400 x 595	1456 x 434 x 778	
Panel Size	Panel model	-	-	-	-	-	-	
	Panel Net Weight	kg	-	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	-	-	
Additional Accessories	Drain pump	Drain pump	- / Model name	MDP-M07SSGU3D	MDP-M07SSGU3D	MDP-M07SSGU1D	MDP-M07SSGU1D	MDP-M07SSGU2D
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter	-	-	-	-	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories





HSP Duct

- High External Static Pressure
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain
- New Communication Protocol

HSP Duct				AM036FNHDCH/AA	AM048FNHDCH/AA	AM076FNHDCH/AA	AM096FNHDCH/AA
Power Supply	Φ, #, V, Hz			1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode				HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	10.55	14.07	22.51	28.13
			Btu/h	36,000	48,000	76,800	96,000
		Heating	kW	11.72	15.83	24.97	31.65
			Btu/h	40,000	54,000	85,200	108,000
Power	Power Input (Nominal)	Cooling	W	210.00	330.00	530.00	790.00
			Heating	210.00	330.00	530.00	790.00
	Current Input (Nominal)	Cooling	A	1.47	2.38	3.80	5.90
			Heating	1.47	2.38	3.80	5.90
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	183 x 2	183 x 2	400 x 1	400 x 1
	Air Flow Rate	H/M/L (UL)	CMM	28.00/25.00/22.00	39.00/33.50/28.00	58.00/52.00/47.00	72.00/65.00/58.00
			l/s	466.67/416.67/366.67	650.00/558.33/466.67	966.67/866.67/783.33	1,200.00/1,083.33/966.67
External Pressure	Min / Std / Max	mmAq	5.00/10.00/20.00	5.00/10.00/20.00	5.00/15.00/25.00	5.00/15.00/28.00	
		Pa	49.03/98.07/196.13	49.03/98.07/196.13	49.03/147.10/245.17	49.03/147.10/274.59	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	
		Φ, inch	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	15.88	19.05	22.22	
		Φ, inch	5/8"	5/8"	3/4"	7/8"	
Drain Pipe	Φ, mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)		
Field Wiring	Power Source Wire	mm ²	AWG 14	AWG 14	AWG 14	AWG 14	
	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	40.0/39.0/37.0	44.0/42.0/40.0	45.0/43.0/41.0	48.0/46.0/43.0	
		Cooling	-	-	-	-	
Dimensions	Net Weight	kg	62.00	62.00	89.00	89.00	
	Shipping Weight	kg	70.00	70.00	99.00	99.00	
	Net Dimensions (W×H×D)	mm	1200 x 360 x 650	1200 x 360 x 650	1240 x 470 x 1040	1240 x 470 x 1040	
	Shipping Dimensions (W×H×D)	mm	1480 x 420 x 790	1480 x 420 x 790	1507 x 558 x 1155	1507 x 558 x 1155	
Panel Size	Panel model	-	-	-	-	-	
	Panel Net Weight	kg	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	-	
Additional Accessories	Drain pump	- / Model name	MDP-M075SGU2D	MDP-M075SGU2D	MDP-N047SNC1D	MDP-N047SNC1D	
		Max. lifting Height / Displacement	-	-	-	-	
Air Filter		-	-	-	-		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories





Big Duct

- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Optional)
- Virus Doctor (Optional)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- High Efficient Heat Exchanger
- New Communication Protocol



OAP Duct

- Flexible Installation
- Highly Efficient BLDC Motor
- Quiet Operation
- Flexible Static - Pressure Control

HSP Duct				AM180JNHPKH/MG	AM224JNHPKH/MG
Model Code					
Power Supply		Φ, #, V, Hz		1,2,220-240,60	1,2,220-240,60
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	18.00	22.40
			Btu/h	61,400	76,400
		Heating	kW	20.00	25.00
			Btu/h	68,200	85,300
Power	Power Input (Nominal)	Cooling	W	340.00	530.00
		Heating	W	340.00	530.00
	Current Input (Nominal)	Cooling	A	1.90	2.90
		Heating	A	1.90	2.90
Fan	Motor	Type	-	Sirocco	Sirocco Fan
		Output x n	W	630 x 1	630 x 1
	Air Flow Rate	H/M/L (UL)	CMM	58.00/50.00/43.00	72.00/61.00/50.00
			l/s	966.67/833.33/716.67	1,200.00/1,016.67/833.33
External Pressure	Min / Std / Max	mmAq	5.00/7.34/20.00	5.00/7.34/20.00	
		Pa	49.03/71.98/196.13	49.03/71.98/196.13	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
	Gas Pipe	Φ, mm	19.05	19.05	
		Φ, inch	3/4"	3/4"	
Field Wiring	Power Source Wire	mm ²	-	-	
		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type	-	R410A	R410A	
		-	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	43.0/39.0/35.0	44.0/40.0/36.0
		Cooling	dB(A)	80.0	81.0
		-	dB(A)	-	-
Dimensions	Net Weight	kg	82.50	82.00	
		kg	92.00	91.50	
		mm	1350 x 450 x 910	1350 x 450 x 910	
		mm	1612 x 519 x 984	1612 x 519 x 984	
		mm	-	-	
Panel Size	Panel Net Weight	kg	-	-	
		kg	-	-	
		mm	-	-	
		mm	-	-	
		mm	-	-	
Additional Accessories	Drain pump	- / Model name	MDP-G075SP	MDP-G075SP	
		Max. lifting Height / Displacement	mm / liter/h	-	-
Air Filter		-		-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

OAP Duct				AM140HNEPCH/MG	AM220HNEPCH/MG	AM280HNEPCH/MG
Model Code						
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode		-		HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	14.00	22.40	28.00
			Btu/h	47,800	76,400	95,500
		Heating	kW	8.90	13.90	17.40
			Btu/h	30,400	47,400	59,400
Power	Power Input (Nominal)	Cooling	W	220.00	300.00	370.00
		Heating	W	220.00	300.00	370.00
	Current Input (Nominal)	Cooling	A	1.60	2.20	3.00
		Heating	A	1.60	2.20	3.00
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	183 x 1	400 x 1	400 x 1
	Air Flow Rate	H/M/L (UL)	CMM	18.00/-/-	28.00/-/-	35.00/-/-
			l/s	300.00/-/-	466.67/-/-	583.33/-/-
External Pressure	Min / Std / Max	mmAq	5.00/20.39/25.00	10.00/23.45/25.00	10.00/25.49/27.50	
		Pa	49.03/199.96/245.17	98.07/229.97/245.17	98.07/249.97/269.68	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	
		Φ, inch	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	19.05	22.22	
		Φ, inch	5/8"	3/4"	7/8"	
Field Wiring	Power Source Wire	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	
		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type	-	R410A	R410A	R410A	
		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	42.0/-/-	46.0/-/-	47.0/-/-
		Cooling	dB(A)	-	-	-
		-	dB(A)	-	-	-
Dimensions	Net Weight	kg	51.00	85.00	85.00	
		kg	61.00	95.00	95.00	
		mm	1110 x 390 x 650	1240 x 470 x 1040	1240 x 470 x 1040	
		mm	1335 x 512 x 829	1507 x 558 x 1155	1507 x 558 x 1155	
		mm	-	-	-	
Panel Size	Panel Net Weight	kg	-	-	-	
		kg	-	-	-	
		mm	-	-	-	
		mm	-	-	-	
		mm	-	-	-	
Additional Accessories	Drain pump	- / Model name	MDP-N047SNC0D	MDP-N047SNC1D	MDP-N047SNC1D	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-
Air Filter		-		-		

Optional Accessories



Optional Accessories





Neo Forte / Neo Forte - EEV

- Clean-cut Front Panel
- Silver Accent Line
- Bottom Opening Front Panel
- New Communication Protocol

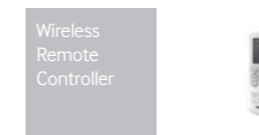
Neo Forte / Neo Forte EEV				Standard	AM007FNTDCH/AA	AM009FNTDCH/AA	AM012FNTDCH/AA	AM018FNTDCH/AA	AM020FNTDCH/AA	AM024FNTDCH/AA
Model Code				EEV	AM007HNQDCH/AA	AM009HNQDCH/AA	AM012HNQDCH/AA	AM018HNQDCH/AA	AM020HNQDCH/AA	AM024HNQDCH/AA
Power Supply				Φ, #, V, Hz	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60	1.2.208-230.60
Mode				-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.78	3.52	5.28	5.86	6.80	
		Btu/h	7,500	9,500	12,000	18,000	20,000	23,200		
	Heating	kW	2.49	3.08	3.96	5.86	6.74	6.98		
		Btu/h	8,500	10,500	13,500	20,000	23,000	23,800		
Power	Power Input (Nominal)	Cooling	W	37.00	37.00	45.00	55.00	57.00	60.00	
		Heating	37.00	37.00	45.00	55.00	57.00	60.00		
	Current Input (Nominal)	Cooling	A	0.25	0.25	0.30	0.36	0.38	0.40	
		Heating	0.25	0.25	0.30	0.36	0.38	0.40		
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	
		Output x n	W	23 x 1	23 x 1	23 x 1	40 x 1	40 x 1	40 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	7.80/6.80/5.80	7.80/6.80/5.80	9.30/8.30/7.30	12.00/10.50/9.00	14.00/12.50/11.00	14.00/12.50/11.00	
		l/s	130.00/113.33/96.67	130.00/113.33/96.67	155.00/138.33/121.67	200.00/175.00/150.00	233.33/208.33/183.33	233.33/208.33/183.33		
External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	-		
	Pa	-	-	-	-	-	-			
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	9.52		
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"		
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	12.70	15.88		
		Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"		
Drain Pipe	Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE			
Field Wiring	Power Source Wire	mm ²	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14		
	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED		
Refrigerant				Type	R410A	R410A	R410A	R410A	R410A	R410A
Sound	Sound Pressure	High / Mid / Low	dB(A)	31.0/29.0/27.0	31.0/29.0/27.0	37.0/33.0/29.0	44.0/41.0/38.0	44.0/41.0/38.0	45.0/41.0/38.0	
		High / Mid / Low	dB(A)	31.0/29.0/26.0	31.0/29.0/26.0	37.0/33.0/29.0	42.0/39.0/35.0	45.0/40.0/35.0	45.0/40.0/35.0	
	Sound Power	Cooling	dB(A)	-	-	-	-	-	-	
Dimensions	Net Weight	kg	8.50	8.50	8.50	12.50	12.50	12.50		
	Shipping Weight	kg	11.00	11.00	11.00	15.50	15.50	15.50		
	Net Dimensions (W×H×D)	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218	1065 x 298 x 218		
	Shipping Dimensions (W×H×D)	mm	904 x 353 x 263	904 x 353 x 263	904 x 353 x 263	1138 x 378 x 301	1138 x 378 x 301	1138 x 378 x 301		
Panel Size	Panel model	-	-	-	-	-	-	-		
	Panel Net Weight	kg	-	-	-	-	-	-		
	Shipping Weight	kg	-	-	-	-	-	-		
	Net Dimensions (W×H×D)	mm	-	-	-	-	-	-		
Additional Accessories	Drain pump	- / Model name	-	-	-	-	-	-		
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-		
	Air Filter	-	-	-	-	-	-	-		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Standard Accessories





AR5000 / AR5000 - EEV

- Entirely New Design for Powerful Performance
- Eliminates the virus twice by Filter and Virus Doctor
- Secure the easy Installation and pipe connection

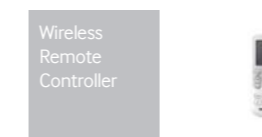
AR5000 / AR5000 - EEV				Standard	AM015JNADKH/EU	AM022JNADKH/EU	AM028JNADKH/EU	AM036JNADKH/EU	AM045JNADKH/EU	AM056JNADKH/EU	AM071JNADKH/EU	AM082JNADKH/EU
Model Code				EEV	AM015JNVDKH/EU	AM022JNVDKH/EU	AM028JNVDKH/EU	AM036JNVDKH/EU	AM045JNVDKH/EU	AM056JNVDKH/EU	AM071JNVDKH/EU	AM082JNVDKH/EU
Power Supply				Φ, #, V, Hz	1,2.220-240,50/60	1,2.220-240,50/60	1,2.220-240,50/60	1,2.220-240,50/60	1,2.220-240,50/60	1,2.220-240,50/60	1,2.220-240,50/60	1,2.220-240,50/60
Mode					HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	1.50	2.20	2.80	3.60	4.50	5.60	7.10	8.20	
			Btu/h	5,100	7,500	9,600	12,300	15,400	19,100	24,200	28,000	
	Heating	kW	1.70	2.50	3.20	4.00	5.00	6.30	8.00	8.50		
		Btu/h	5,800	8,500	10,900	13,600	17,100	21,500	27,300	29,000		
Power	Power Input (Nominal)	Cooling	W	14.00	15.00	16.00	20.00	31.00	27.00	41.00	55.00	
			Heating	16.00	18.00	24.00	28.00	41.00	37.00	53.00	72.00	
	Current Input (Nominal)	Cooling	A	0.12	0.13	0.13	0.15	0.24	0.21	0.31	0.42	
			Heating	0.13	0.15	0.19	0.20	0.31	0.29	0.41	0.55	
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	
			Output x n	W	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
	Air Flow Rate	H/M/L (UL)	CMM	4.40/4.20/3.80	5.40/4.70/4.00	5.70/5.00/4.30	7.10/5.70/4.60	8.90/7.50/6.00	11.80/10.00/8.20	14.80/12.40/10.00	16.70/14.30/12.40	
			l/s	73.33/70.00/63.33	90.00/78.33/66.67	95.00/83.33/71.67	118.33/95.00/76.67	148.33/125.00/100.00	196.67/166.67/136.67	246.67/206.67/166.67	278.33/238.33/206.67	
External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	-	-	-	-	
		Pa	-	-	-	-	-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	9.52	9.52	
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	12.70	12.70	12.70	15.88	15.88	
			Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"
Drain Pipe	Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE		
Field Wiring	Power Source Wire	mm ²	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	
	Transmission Cable	mm ²	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
Sound	Sound Pressure	High / Mid / Low	dB(A)	26.0/24.0/21.0	33.0/28.0/23.0	35.0/30.0/25.0	36.0/32.0/29.0	40.0/37.0/33.0	39.0/35.0/32.0	44.0/40.0/36.0	47.0/42.0/40.0	
	Sound Pressure (EEV)	High / Mid / Low	dB(A)		28.0/25.0/24.0	33.0/29.0/25.0	36.0/31.0/25.0	37.0/34.0/30.0	41.0/38.0/34.0	39.0/36.0/33.0	44.0/41.0/36.0	
	Sound Power	Cooling	dB(A)	44.0	50.0	53.0	54.0	57.0	57.0	61.0	65.0	
Dimensions	Net Weight		kg	7.70	7.70	7.80	9.40	9.40	14.20	14.20	14.20	
	Net Weight (EEV)		kg	7.90	7.90	8.00	9.60	9.60	14.50	14.50	14.50	
	Shipping Weight		kg	9.10	9.10	9.20	11.00	11.00	17.50	17.50	17.50	
	Shipping Weight (EEV)		kg	9.30	9.30	9.40	11.20	11.20	17.70	17.70	17.70	
	Net Dimensions (W×H×D)		mm	750 x 249 x 246	750 x 249 x 246	750 x 249 x 246	826 x 261 x 261	826 x 261 x 261	1065 x 301 x 294	1065 x 301 x 294	1065 x 301 x 294	
	Shipping Dimensions (W×H×D)		mm	800 x 298 x 302	800 x 298 x 302	800 x 298 x 302	886 x 317 x 335	886 x 317 x 335	1123 x 354 x 384	1123 x 354 x 384	1123 x 354 x 384	
Panel Size	Panel model		-	-	-	-	-	-	-	-	-	
	Panel Net Weight		kg	-	-	-	-	-	-	-	-	
	Shipping Weight		kg	-	-	-	-	-	-	-	-	
	Net Dimensions (W×H×D)		mm	-	-	-	-	-	-	-	-	
	Shipping Dimensions (W×H×D)		mm	-	-	-	-	-	-	-	-	
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	-	-	-	-	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	-	
Air Filter			-	-	-	-	-	-	-	-		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Standard Accessories





Ceiling

- 2Way Installation
- Compact but Powerful
- New Communication Protocol



Big Ceiling

- Powerful Cooling
- Long wind distance
- Virus Doctor (Option)
- Easy to maintain
- New Communication Protocol

Ceiling				AM018FNCDC/AA	AM024FNCDC/AA
Model Code					
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60
Mode				HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	5.28	7.03
		Btu/h	18,000	24,000	
	Heating	kW	5.86	7.91	
		Btu/h	20,000	27,000	
Power	Power Input (Nominal)	Cooling	W	72.00	80.00
		Heating	W	72.00	80.00
	Current Input (Nominal)	Cooling	A	0.42	0.48
		Heating	A	0.42	0.48
Fan	Motor	Type		Sirocco Fan	Sirocco Fan
		Output x n	W	25 x 1	35 x 1
	Air Flow Rate	H/M/L (UL)	CMM	14.00/13.00/12.00	18.00/16.50/15.00
		l/s		233.33/216.67/200.00	300.00/275.00/250.00
External Pressure	Min / Std / Max	mmAq	-	-	
	Pa		-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	
		Φ, inch	1/4"	3/8"	
	Gas Pipe	Φ, mm	12.70	15.88	
		Φ, inch	1/2"	5/8"	
Field Wiring	Power Source Wire	mm ²	AWG 14	AWG 14	
	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
Refrigerant	Type		R410A	R410A	
	Control Method		EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	40.0/37.0/34.0	44.0/42.0/40.0
	Sound Power	Cooling	dB(A)	-	-
Dimensions	Net Weight		kg	21.00	21.00
	Shipping Weight		kg	25.50	25.50
	Net Dimensions (W×H×D)		mm	1000 x 650 x 200	1000 x 650 x 200
	Shipping Dimensions (W×H×D)		mm	1080 x 730 x 300	1080 x 730 x 300
Panel Size	Panel model			-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (W×H×D)		mm	-	-
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Big Ceiling				AM112JNC DKH/EU	AM140JNC DKH/EU
Model Code					
Power Supply		Φ, #, V, Hz		1,2,220-240,50/60	1,2,220-240,50/60
Mode				HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	11.20	14.00
		Btu/h	38,200	47,800	
	Heating	kW	12.50	16.00	
		Btu/h	42,700	54,600	
Power	Power Input (Nominal)	Cooling	W	92.00	160.00
		Heating	W	80.00	160.00
	Current Input (Nominal)	Cooling	A	0.94	1.45
		Heating	A	0.83	1.45
Fan	Motor	Type		Sirocco Fan	Sirocco Fan
		Output x n	W	260 x 1	355 x 1
	Air Flow Rate	H/M/L (UL)	CMM	29.30/23.90/18.50	36.40/30.80/26.00
		l/s		488.33/398.33/308.33	606.67/513.33/433.33
External Pressure	Min / Std / Max	mmAq	-	-	
	Pa		-	-	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	15.88	
		Φ, inch	5/8"	5/8"	
Field Wiring	Power Source Wire	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	
	Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type		R410A	R410A	
	Control Method		EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	45.0/41.0/37.0	46.0/43.0/38.0
	Sound Power	Cooling	dB(A)	61.0	63.0
Dimensions	Net Weight		kg	33.50	42.50
	Shipping Weight		kg	39.50	48.50
	Net Dimensions (W×H×D)		mm	1350 x 235 x 675	1650 x 235 x 675
	Shipping Dimensions (W×H×D)		mm	1439 x 758 x 321	1739 x 758 x 321
Panel Size	Panel model			-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (W×H×D)		mm	-	-
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Optional Accessories





PAC

Medium

- Powerful and clean cooling
- 4Way Auto swing
- Full touch panel control
- Auto shutter

Large

- 18m long-range air flow
- Duct installation for a large space



Hydro Unit (HE)

- Integrated Solution
- Water Temperature Choice
- Easy&Simple Connection
- Integrated Control

PAC				AM140JNPKH/TK	AM280JNPKH/TK
Model Code					
Power Supply		Φ, #, V, Hz	1,2,208-230,50/60		1,2,208-230,50/60
Mode			HP/HR		HP/HR
Performance	Capacity (Nominal)	Cooling	T1 (kW)	14	28
			T3 (kW)	12.5	24.5
		Heating	T1 (kW)	16	31.5
			T3 (kW)	-	-
Power	Power Input (Nominal)	Cooling	T1 (W)	190	955
			T3 (W)	190	955
	Heating	T1 (W)	190	955	
		Current Input (Nominal)	Cooling	T1 (A)	0.9
	Heating	T3 (A)	0.9	4.73	
		Heating	T1 (A)	0.9	4.73
Fan	Type		Sirocco Fan		Sirocco Fan
	Motor	Output x n	W	154 x 1	700 x 1
	Air Flow Rate		CMM	35.0/30.5/27.5	70.0/60.0/50.0
			l/s	583.3/508.3/458.3	1,166.7/1,000.0/833.3
	External Pressure		mmAq	-	-
		Pa	-	-	
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52
			Φ, inch	3/8"	3/8"
	Gas Pipe		Φ, mm	15.88	22.22
			Φ, inch	5/8"	7/8"
Field Wiring	Drain Pipe		Φ, mm	ID 18 HOSE	VP25 (OD 32, ID 25)
	Power Source Wire		mm ²	2.5	2.5
Refrigerant	Transmission Cable		mm ²	VCTF 0.75 ~ 1.5	VCTF 0.75 ~ 1.5
	Type			R410A	R410A
Sound	Control Method			EEV INCLUDED	EEV INCLUDED
	Sound Pressure	High	dB(A)	58	61
Dimensions	Net Weight		kg	48	115
	Shipping Weight		kg	55	130
	Net Dimensions (W×H×D)		mm	610 x 1850 x 400	1100 x 1800 x 485
	Shipping Dimensions (W×H×D)		mm	705 x 1963 x 493	1177 x 1950 x 563
Panel Size	Panel model			-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (W×H×D)		mm	-	-
Additional Accessories	Shipping Dimensions (W×H×D)		mm	-	-
	Drain pump		- / Model name	-	-
	Max. lifting Height / Displacement		mm / liter/h	-	-
	Air Filter			-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

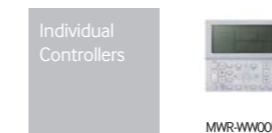
Hydro Unit (HE)				AM160FNBDEH/EU	AM320FNBDEH/EU	AM500FNBDEH/EU
Model Code						
Power Supply		Φ, #, V, Hz	1,2,208-230,60		1,2,208-230,60	1,2,208-230,60
Mode			HP/HR		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	14.00	28.00	44.80
			Btu/h	47,800	95,500	152,900
		Heating	kW	16.00	31.50	50.40
			Btu/h	54,600	107,500	172,000
Power	Power Input (Nominal)	Cooling	W	10.00	10.00	10.00
			Heating	10.00	10.00	10.00
	Current Input (Nominal)	Cooling	A	0.05	0.05	0.05
		Heating	A	0.05	0.05	0.05
Fan	Type			-	-	-
	Motor	Output x n	W	-	-	-
	Air Flow Rate		CMM	-	-	-
			l/s	-	-	-
External Pressure		mmAq	-	-	-	
		Pa	-	-	-	
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52	12.70
			Φ, inch	3/8"	3/8"	1/2"
	Gas Pipe		Φ, mm	15.88	22.22	28.58
			Φ, inch	5/8"	7/8"	1 1/8"
Field Wiring	Drain Pipe		Φ, mm	-	-	-
	Power Source Wire		mm ²	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5
Refrigerant	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Type			R410A	R410A	R410A
Sound	Control Method			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Sound Pressure	High / Mid / Low	dB(A)	27.0/-/-	28.0/-/-	31.0/-/-
Dimensions	Net Weight		kg	29.00	33.00	40.00
	Shipping Weight		kg	31.00	35.00	42.00
	Net Dimensions (W×H×D)		mm	518 x 627 x 330	518 x 627 x 330	518 x 627 x 330
	Shipping Dimensions (W×H×D)		mm	652 x 700 x 426	652 x 700 x 426	652 x 700 x 426
Panel Size	Panel model			-	-	-
	Panel Net Weight		kg	-	-	-
	Shipping Weight		kg	-	-	-
	Net Dimensions (W×H×D)		mm	-	-	-
Additional Accessories	Shipping Dimensions (W×H×D)		mm	-	-	-
	Drain pump		- / Model name	-	-	-
	Max. lifting Height / Displacement		mm / liter/h	-	-	-
	Air Filter			-	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories













Optional Accessories



















CAC LINE UP & FEATURE




CASSETTE				
MODEL				
CAPACITY (kW)	kW	KBtu/h	4Way CST	360Cassette
	5.3	18	●	●
	5.6	19.1		
	5.9	20		
	7	24	●	●
	8.8	30	●	●
	10.6	36	●	●
12.3	42	●	●	
14.1	48	●	●	
FEATURES	 Powerful Airflow		●	●
	 Ceiling Dust Prevention		●	●
	 Fresh Air Intake		●	●
	 High Lift-up Drain Pump		●	●
	 Sub Duct		●	●

ROOFTOP				
MODEL				
CAPACITY	kW	KBtu/h		
	10.3	35	●	
	13.8	47	●	
	17.3	59	●	
FEATURES	 2Way Installation		●	
	 Horizontal Discharge		●	

Big Ceiling				
MODEL				
CAPACITY	kW	KBtu/h	On/Off	Inverter
	10.3	35		●
	11.1	38	●	
	13.5	46		●
	15.8	54		●
17	58	●	●	

DUCT				
MODEL				
CAPACITY (kW)	kW	KBtu/h	DUCT S	Big Duct (HSP)
	5.3	18	●	
	6.9	23.5	●	
	11.1	38	●	
	13.6	46.5	●	
	15.5	53	●	
	17.6	60		●
FEATURES	 The Slimmest Design		●	●
	 High Efficient H.E.X		●	●
	 Auto E.S.P Adjustment		●	
	 3-way Service		●	●
	 Smart Pressure Control		●	●
	 Easier drain pump installation		●	●
	 High Lift-up Drain Pump		●	●
	 Pre Filter		●	●
	 Easy Filter Cleaning		●	●
	 Virus Doctor (Optional)		●	●
	 Smart Wi-Fi (Optional)		●	
 Zone Control (Optional)		●	●	

ERV		
MODEL	CMH	
	250	●
	350	●
	500	●
	800	●
	1000	●



360 Cassette

- Cold Draft Free
- Perfect even cooling
- Stylish design
- New communication Protocol

360 Cassette			360 CST (Square)		360 CST (Circle)		360 CST (Square)		360 CST (Circle)		360 CST (Square)		360 CST (Circle)	
Type	Indoor Unit		AC018KN4DCH/AA		AC018JXADCH/AA		AC024KN4DCH/AA		AC024JXADCH/AA		AC030KN4DCH/AA		AC030JXADCH/AA	
Model Code	Outdoor Unit		AC018KN4DCH/AA		AC018JXADCH/AA		AC024KN4DCH/AA		AC024JXADCH/AA		AC030KN4DCH/AA		AC030JXADCH/AA	
Mode	-		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity	Cooling (Min / Std / Max)	kW	1.47/5.28/6.15		1.47/5.28/6.15		2.05/7.03/7.91		2.05/7.03/7.91		2.73/8.79/10.26		2.73/8.79/10.26	
	Heating (Min / Std / Max)	Btu/h	5,000/18,000/21,000		5,000/18,000/21,000		7,000/24,000/27,000		7,000/24,000/27,000		9,300/30,000/35,000		9,300/30,000/35,000	
Power	Power Input (Nominal)	kW	0.35/1.58/2.30		0.35/1.58/2.30		0.46/2.16/2.50		0.46/2.16/2.50		0.70/2.89/4.00		0.70/2.89/4.00	
	Current Input (Nominal)	A	2.10/7.20/10.00		2.10/7.20/10.00		2.80/9.80/12.00		2.80/9.80/12.00		4.00/13.40/17.00		4.00/13.40/17.00	
System	MCA	A	8.09 (MCA)		8.09 (MCA)		12.06 (MCA)		12.06 (MCA)		19.71 (MCA)		19.71 (MCA)	
	EER (Nominal Cooling)	-	15.00		15.00		20.00		20.00		30.00		30.00	
Energy Efficiency	COP (Nominal Heating)	-	3.34		3.34		3.26		3.26		3.04		3.04	
	Energy Grade	Energy Grade (C)	SEER 20.1		SEER 20.1		SEER 20.5		SEER 20.5		SEER 19.2		SEER 19.2	
Piping Connections	Liquid Pipe	φ, mm	6.35		6.35		6.35		6.35		6.35		6.35	
	Gas Pipe	φ, mm	12.70		12.70		15.88		15.88		15.88		15.88	
Field Wiring	Installation Limitation	Max. Length (Outdoor to indoor)	30		30		50		50		50		50	
	Transmission Cable	Max. Height (Between ID/OD)	20.0		20.0		30.0		30.0		30.0		30.0	
Refrigerant	Type	-	R410A		R410A		R410A		R410A		R410A		R410A	
	Control Method	-	-		-		-		-		-		-	
Power Supply	Factory Charging	kg	1.30		1.30		2.10		2.10		2.60		2.60	
	φ, #, V, Hz	-	1,2,208-230,60		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60	
Fan	Type	-	Turbo		Turbo		Turbo		Turbo		Turbo		Turbo	
	Output	W	65.00		65.00		65.00		65.00		97.00		97.00	
Sound	Number of Unit	EA	1.00		1.00		1.00		1.00		1.00		1.00	
	Air Flow Rate	High / Mid / Low	18.29/15.49/13.59		18.29/15.49/13.59		18.29/15.49/13.59		18.29/15.49/13.59		25.60/20.98/17.90		25.60/20.98/17.90	
External Dimension	External Static Pressure	Min / Std / Max	304.87/258.15/226.53		304.87/258.15/226.53		304.87/258.15/226.53		304.87/258.15/226.53		426.63/349.70/298.26		426.63/349.70/298.26	
	Drain Pipe	φ, mm	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	
Panel Size	Sound Pressure	High / Mid / Low	35.0 / 32.0 / 29.0		35.0 / 32.0 / 29.0		36.0 / 33.0 / 29.0		36.0 / 33.0 / 29.0		38.0 / 35.0 / 31.0		38.0 / 35.0 / 31.0	
	Sound Power	Cooling	-		-		-		-		-		-	
Additional Accessories	Net Weight	kg	21.00		21.00		21.00		21.00		24.00		24.00	
	Shipping Weight	kg	25.00		25.00		25.00		25.00		28.50		28.50	
Operating Temp. Range	Net Dimensions (WxHxD)	mm	947 x 281 x 947		947 x 281 x 947		947 x 281 x 947		947 x 281 x 947		947 x 365 x 947		947 x 365 x 947	
	Shipping Dimensions (WxHxD)	mm	990 x 330 x 990		990 x 330 x 990		990 x 330 x 990		990 x 330 x 990		990 x 414 x 990		990 x 414 x 990	
Operating Temp. Range	Panel model	-	PC4NUNMAN		PC4NUNMAN		PC4NUNMAN		PC4NUNMAN		PC4NUNMAN		PC4NUNMAN	
	Panel Net Weight	kg	3.60		3.60		3.60		3.60		3.60		3.60	
Operating Temp. Range	Shipping Weight	kg	6.00		5.10		6.00		5.10		6.00		5.10	
	Net Dimensions (WxHxD)	mm	1000 x 66 x 1000		1050 x 94 x 1050		1000 x 66 x 1000		1050 x 94 x 1050		1000 x 66 x 1000		1050 x 94 x 1050	
Operating Temp. Range	Shipping Dimensions (WxHxD)	mm	1093 x 85 x 1083		1093 x 85 x 1083		1093 x 85 x 1083		1093 x 85 x 1083		1093 x 85 x 1083		1093 x 85 x 1083	
	Drain pump	-	-		-		-		-		-		-	
Operating Temp. Range	Max. Lifting Height / Displacement	mm/liter/h	-		-		-		-		-		-	
	Air Filter	-	-		-		-		-		-		-	
Compressor	Type	-	Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary	
	Model	-	UG4T150LNBEQ		UG4T150LNBEQ		UG4T200LNFE4		UG4T200LNFE4		UG8T300LNBJU		UG8T300LNBJU	
External Dimension	Output	kW	1.42		1.42		1.85		1.85		2.82		2.82	
	Oil	Type	POE		POE		POE		POE		PVE		PVE	
Sound	Initial Charge	cc	-		-		-		-		-		-	
	Air Flow Rate	Cooling	43.86		43.86		61.98		61.98		62.83		62.83	
External Dimension	Sound Pressure	Cooling / Heating	731.02		731.02		1,033.05		1,033.05		1,047.21		1,047.21	
	Sound Power	Cooling	48.0 / 48.0		48.0 / 48.0		50.0 / 50.0		50.0 / 50.0		50.0 / 52.0		50.0 / 52.0	
Operating Temp. Range	Net Weight	kg	45.00		45.00		64.50		64.50		70.00		70.00	
	Shipping Weight	kg	48.00		48.00		69.50		69.50		74.00		74.00	
Operating Temp. Range	Net Dimensions (WxHxD)	mm	880 x 638 x 310		880 x 638 x 310		940 x 998 x 330		940 x 998 x 330		940 x 998 x 330		940 x 998 x 330	
	Shipping Dimensions (WxHxD)	mm	1023 x 750 x 413		1023 x 750 x 413		995 x 1096 x 426		995 x 1096 x 426		995 x 1096 x 426		995 x 1096 x 426	
Operating Temp. Range	Cooling	°C	-18~46		-18~46		-18~46		-18~46		-18~46		-18~46	
	Heating	°C	-20~24		-20~24		-20~24		-20~24		-20~24		-20~24	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * These products contain R410A which is fluorinated greenhouse gas.

Optional Accessories





360 Cassette

- Cold Draft Free
- Perfect even cooling
- Stylish design
- New communication Protocol

360 Cassette				360 CST (Square)		360 CST (Circle)		360 CST (Square)		360 CST (Circle)		360 CST (Square)		360 CST (Circle)	
Type	Indoor Unit			AC036KN4DCH/AA		AC036JXADCH/AA		AC042KN4DCH/AA		AC042JXADCH/AA		AC048KN4DCH/AA		AC048JXADCH/AA	
Model Code	Outdoor Unit			AC036KN4DCH/AA		AC036JXADCH/AA		AC042KN4DCH/AA		AC042JXADCH/AA		AC048KN4DCH/AA		AC048JXADCH/AA	
Mode	-			HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity	Cooling (Min / Std / Max)			4.10/10.55/12.02		4.10/10.55/12.02		4.78/12.31/13.19		4.78/12.31/13.19		5.45/14.07/14.95		5.45/14.07/14.95	
	Btu/h			14,000/36,000/41,000		14,000/36,000/41,000		16,300/42,000/45,000		16,300/42,000/45,000		18,600/48,000/51,000		18,600/48,000/51,000	
Power	Heating (Min / Std / Max)			3.37/11.72/14.07		3.37/11.72/14.07		3.93/13.77/14.65		3.93/13.77/14.65		4.48/15.53/16.12		4.48/15.53/16.12	
	Btu/h			11,500/40,000/48,000		11,500/40,000/48,000		13,400/47,000/50,000		13,400/47,000/50,000		15,300/53,000/55,000		15,300/53,000/55,000	
System	Power Input (Nominal)			0.93/3.00/3.60		0.93/3.00/3.60		1.08/4.20/4.60		1.08/4.20/4.60		1.24/5.41/5.50		1.24/5.41/5.50	
	Heating (Min / Std / Max)			0.72/3.45/5.00		0.72/3.45/5.00		0.84/4.53/5.40		0.84/4.53/5.40		0.96/5.12/5.70		0.96/5.12/5.70	
	Current Input (Nominal)			4.80/13.60/17.00		4.80/13.60/17.00		5.60/18.80/21.00		5.60/18.80/21.00		6.40/23.80/24.00		6.40/23.80/24.00	
	Heating (Min / Std / Max)			3.70/16.10/23.00		3.70/16.10/23.00		4.30/20.50/25.00		4.30/20.50/25.00		5.00/23.50/28.00		5.00/23.50/28.00	
Energy Efficiency	MCA			22.56 (MCA)		22.56 (MCA)		22.56 (MCA)		22.56 (MCA)		22.56 (MCA)		22.56 (MCA)	
	MFA			A		A		A		A		A		A	
	EER (Nominal Cooling)			3.52		3.52		2.93		2.93		2.60		2.60	
	COP (Nominal Heating)			3.40		3.40		3.04		3.04		3.03		3.03	
	Energy Grade			SEER 20.7		SEER 20.7		SEER 19.7		SEER 19.7		SEER 19		SEER 19	
	Energy Grade (H)			HSPF 9.7		HSPF 9.7		HSPF 9.5		HSPF 9.5		HSPF 9.5		HSPF 9.5	
	Liquid Pipe			φ, mm		9.52		9.52		9.52		9.52		9.52	
	φ, inch			3/8"		3/8"		3/8"		3/8"		3/8"		3/8"	
	Gas Pipe			φ, mm		15.88		15.88		15.88		15.88		15.88	
	φ, inch			5/8"		5/8"		5/8"		5/8"		5/8"		5/8"	
Piping Connections	Installation Limitation			Max. Length (Outdoor to indoor)		75		75		75		75		75	
	Max. Height (Between ID/OD)			30.0		30.0		30.0		30.0		30.0		30.0	
Field Wiring	Power Source Wire			-		-		-		-		-		-	
	Transmission Cable			-		-		-		-		-		-	
Refrigerant	Type			R410A		R410A		R410A		R410A		R410A		R410A	
	Control Method			-		-		-		-		-		-	
Factory Charging			kg		2.80		2.80		2.80		2.80		2.80		
Indoor Unit	Power Supply			φ, #, V, Hz		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60	
	Type			Turbo		Turbo		Turbo		Turbo		Turbo		Turbo	
	Motor Output			W		97.00		97.00		97.00		97.00		97.00	
	Number of Unit			EA		1.00		1.00		1.00		1.00		1.00	
	Air Flow Rate			High / Mid / Low		CMM		33.38/26.70/20.10		33.38/26.70/20.10		34.49/27.78/21.10		34.49/27.78/21.10	
	External Static Pressure			Min / Std / Max		mmAq		-		-		-		-	
	Pa			-		-		-		-		-		-	
	Drain Pipe			φ, mm		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	
	Sound Pressure			High / Mid / Low		dB(A)		43.0 / 38.0 / 32.0		43.0 / 38.0 / 34.0		44.0 / 39.0 / 34.0		45.0 / 40.0 / 35.0	
	Sound Power			Cooling		-		-		-		-		-	
Outdoor Unit	Net Weight			kg		24.00		24.00		24.00		24.00		24.00	
	Shipping Weight			kg		28.50		28.50		28.50		28.50		28.50	
	Net Dimensions (WxHxD)			mm		947 x 365 x 947		947 x 365 x 947		947 x 365 x 947		947 x 365 x 947		947 x 365 x 947	
	Shipping Dimensions (WxHxD)			mm		990 x 414 x 990		990 x 414 x 990		990 x 414 x 990		990 x 414 x 990		990 x 414 x 990	
	Panel model			-		PC4NUNDMAN		PC4NUNDMAN		PC4NUNDMAN		PC4NUNDMAN		PC4NUNDMAN	
	Panel Net Weight			kg		3.60		3.60		3.60		3.60		3.60	
	Shipping Weight			kg		6.00		6.00		6.00		6.00		6.00	
	Net Dimensions (WxHxD)			mm		1000 x 66 x 1000		1050 x 94 x 1050		1050 x 94 x 1050		1050 x 94 x 1050		1050 x 94 x 1050	
	Shipping Dimensions (WxHxD)			mm		1093 x 85 x 1083		1093 x 85 x 1083		1093 x 85 x 1083		1093 x 85 x 1083		1093 x 85 x 1083	
	Additional Accessories			Drain pump		-		-		-		-		-	
Max. Lifting Height / Displacement			mm/liter/h		-		-		-		-		-		
Air Filter			-		-		-		-		-		-		
Outdoor Unit	Power Supply			φ, #, V, Hz		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60		1,2,208-230,60	
	Type			Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary	
	Model			UGST450FUEJX		UGST450FUEJX		UGST450FUEJX		UGST450FUEJX		UGST450FUEJX		UGST450FUEJX	
	Compressor Output			kW		4.12		4.12		4.12		4.12		4.12	
	Oil			Type		PVE		PVE		PVE		PVE		PVE	
	Initial Charge			cc		-		-		-		-		-	
	Fan			Air Flow Rate		Cooling		CMM		86.05		86.05		86.05	
	Sound Pressure			Cooling / Heating		dB(A)		1,434.19		1,434.19		1,434.19		1,434.19	
	Sound Power			Cooling		dB(A)		49.0 / 51.0		49.0 / 51.0		51.0 / 53.0		53.0 / 55.0	
	Net Weight			kg		88.00		88.00		88.00		88.00		88.00	
Shipping Weight			kg		98.00		98.00		98.00		98.00		98.00		
Net Dimensions (WxHxD)			mm		940 x 1210 x 330		940 x 1210 x 330		940 x 1210 x 330		940 x 1210 x 330		940 x 1210 x 330		
Shipping Dimensions (WxHxD)			mm		995 x 1388 x 426		995 x 1388 x 426		995 x 1388 x 426		995 x 1388 x 426		995 x 1388 x 426		
Operating Temp. Range			Cooling		°C		-18~46		-18~46		-18~46		-18~46		
Heating			°C		-20~24		-20~24		-20~24		-20~24		-20~24		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * These products contain R410A which is fluorinated greenhouse gas.

Optional Accessories





360 Cassette

- Cold Draft Free
- Perfect even cooling
- Stylish design
- New communication Protocol

360 Cassette				360 CST (Square)	360 CST (Circle)	360 CST (Square)	360 CST (Circle)	360 CST (Square)	360 CST (Circle)
Type	Indoor Unit			AC024KN4DKH/TC	AC024KN4DKH/TC	AC036KN4DKH/TC	AC036KN4DKH/TC	AC048KN4DKH/TC	AC048KN4DKH/TC
Model Code	Outdoor Unit			AC024KXADKH/TC	AC024KXADKH/TC	AC036KXADKH/TC	AC036KXADKH/TC	AC048KXADKH/TC	AC048KXADKH/TC
Mode	-			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	-			2.20/7.03/8.00	2.20/7.03/8.00	2.99/10.55/11.99	2.99/10.55/11.99	3.49/14.07/15.50	3.49/14.07/15.50
Capacity	Cooling (Min / Std / Max)			7.500/24.000/27.300	7.500/24.000/27.300	10.200/36.000/40.900	10.200/36.000/40.900	11.900/48.000/52.900	11.900/48.000/52.900
	Heating (Min / Std / Max)			1.90/8.00/9.00	1.90/8.00/9.00	2.20/11.20/15.50	2.20/11.20/15.50	3.49/15.50/17.99	3.49/15.50/17.99
Power	Power Input (Nominal)			6.500/27.300/30.700	6.500/27.300/30.700	7.500/38.200/52.900	7.500/38.200/52.900	11.900/52.900/61.400	11.900/52.900/61.400
	Cooling (Min / Std / Max)			0.35/2.52/3.95	0.35/2.52/3.95	0.60/3.67/4.70	0.60/3.67/4.70	0.80/5.00/6.44	0.80/5.00/6.44
	Heating (Min / Std / Max)			0.35/2.55/3.95	0.35/2.55/3.95	0.46/3.15/5.40	0.46/3.15/5.40	0.70/4.50/7.36	0.70/4.50/7.36
	Current Input (Nominal)			2.00/11.20/17.00	2.00/11.20/17.00	3.00/16.20/20.40	3.00/16.20/20.40	3.70/21.70/28.00	3.70/21.70/28.00
System	MCA			21.50 (MCA)	21.50 (MCA)	24.50 (MCA)	24.50 (MCA)	33.50 (MCA)	33.50 (MCA)
	MFA			23.65	23.65	26.95	26.95	36.85	36.85
	EER (Nominal Cooling)			2.79	2.79	2.87	2.87	2.81	2.81
	COP (Nominal Heating)			3.14	3.14	3.56	3.56	3.44	3.44
Energy Efficiency	Energy Grade (C)			-	-	-	-	-	-
	Energy Grade (H)			-	-	-	-	-	-
Piping Connections	Liquid Pipe			6.35	6.35	9.52	9.52	9.52	9.52
	Φ, mm			1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe			15.88	15.88	15.88	15.88	15.88	15.88
	Φ, mm			5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Field Wiring	Power Source Wire			50	50	50	50	75	75
	Transmission Cable			30.0	30.0	30.0	30.0	30.0	30.0
Refrigerant	Type			2.5	2.5	2.5	2.5	2.5	2.5
	Control Method			0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Power Supply	Type			R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging			-	-	-	-	-	-
Indoor Unit	Power Supply			1.50	1.50	3.00	3.00	3.50	3.50
	Φ, #, V, Hz			1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60
	Type			Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output			65.00	65.00	97.00	97.00	97.00	97.00
Fan	Number of Unit			1.00	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate			17.50/15.90/14.30	17.50/15.90/14.30	31.20/25.50/19.80	31.20/25.50/19.80	32.40/27.10/22.80	32.40/27.10/22.80
	High / Mid / Low			291.67/265.00/238.33	291.67/265.00/238.33	520.00/425.00/330.00	520.00/425.00/330.00	540.00/451.67/380.00	540.00/451.67/380.00
	External Static Pressure			-	-	-	-	-	-
Sound	Drain Pipe			VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure			36.0 / 33.0 / 29.0	36.0 / 33.0 / 29.0	44.0 / 39.0 / 33.0	44.0 / 39.0 / 33.0	45.0 / 41.0 / 37.0	45.0 / 41.0 / 37.0
External Dimension	Sound Power			-	-	-	-	-	-
	Net Weight			21.00	21.00	24.00	24.00	26.00	26.00
	Shipping Weight			25.00	25.00	29.00	29.00	31.00	31.00
	Net Dimensions (WxHxD)			947 x 281 x 947	947 x 281 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
Panel Size	Shipping Dimensions (WxHxD)			990 x 330 x 990	990 x 330 x 990	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990
	Panel model			PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN
	Panel Net Weight			3.60	2.70	3.60	3.60	2.70	2.70
	Shipping Weight			6.00	5.10	6.00	5.10	6.00	5.10
Additional Accessories	Net Dimensions (WxHxD)			1000 x 66 x 1000	1050 x 94 x 1050	1050 x 94 x 1050	1050 x 94 x 1050	1050 x 94 x 1050	1050 x 94 x 1050
	Shipping Dimensions (WxHxD)			1093 x 85 x 1083	1093 x 85 x 1083	1093 x 85 x 1083	1093 x 85 x 1083	1093 x 85 x 1083	1093 x 85 x 1083
Outdoor Unit	Drain pump			-	-	-	-	-	-
	Max Lifting Height / Displacement			-	-	-	-	-	-
	Air Filter			-	-	-	-	-	-
	Power Supply			1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60
Compressor	Type			BLDC Rotary	BLDC Rotary	BLDC Rotary	BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model			UG4T200FUA4	UG4T200FUA4	UG8T300FUBJU	UG8T300FUBJU	UG8T300FUBJU	UG8T300FUBJU
	Output			1.79	1.79	9.17	9.17	4.12	4.12
	Oil			POE	POE	POE	POE	PVE	PVE
Fan	Initial Charge			-	-	-	-	-	-
	Air Flow Rate			58.50	58.50	78.00	78.00	111.00	111.00
	Cooling			975.00	975.00	1,300.00	1,300.00	1,850.00	1,850.00
	Heating			49.0 / 51.0	49.0 / 51.0	52.0 / 54.0	52.0 / 54.0	53.0 / 54.0	53.0 / 54.0
External Dimension	Sound Pressure			-	-	-	-	-	-
	Sound Power			50.50	50.50	72.00	72.00	92.50	92.50
	Net Weight			55.00	55.00	77.00	77.00	102.50	102.50
	Shipping Weight			880 x 798 x 310	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330	940 x 1210 x 330
Operating Temp. Range	Net Dimensions (WxHxD)			1023 x 891 x 413	1023 x 891 x 413	995 x 1096 x 426	995 x 1096 x 426	995 x 1338 x 426	995 x 1338 x 426
	Shipping Dimensions (WxHxD)			-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
				-20~24	-20~24	-20~24	-20~24	-20~24	-20~24

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
* These products contain R410A which is fluorinated greenhouse gas.

Optional Accessories





4Way Cassette

- Virus Doctor (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling
- New Communication Protocol

4Way Cassette			Indoor Unit	AC018JN4DCH/AA	AC024JN4DCH/AA	AC030JN4DCH/AA	AC036JN4DCH/AA	AC042JN4DCH/AA	AC048JN4DCH/AA
Model Code	Indoor Unit	Outdoor Unit	AC018JXADCH/AA	AC024JXADCH/AA	AC030JXADCH/AA	AC036JXADCH/AA	AC042JXADCH/AA	AC048JXADCH/AA	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Capacity	Cooling (Min / Std / Max)	kW	1.47/5.28/6.15	2.05/7.03/7.91	2.73/8.79/10.26	4.10/10.55/12.02	4.78/12.31/13.19	5.45/14.07/14.95	
		Btu/h	5,000/18,000/21,000	7,000/24,000/27,000	9,300/30,000/35,000	14,000/36,000/41,000	16,600/42,000/45,000	18,600/48,000/51,000	
Power	Heating (Min / Std / Max)	kW	1.11/3.86/7.33	1.52/7.91/9.09	2.64/9.38/11.14	3.37/11.72/14.07	3.93/13.77/14.65	4.48/15.53/16.12	
		Btu/h	3,800/20,000/25,000	5,200/27,000/31,000	9,000/32,000/38,000	11,500/40,000/48,000	13,400/47,000/50,000	15,300/53,000/55,000	
System	Power Input (Nominal)	Cooling (Min / Std / Max)	0.35/1.54/2.20	0.45/2.11/2.50	0.70/2.89/4.00	0.93/2.98/3.60	1.08/4.04/4.50	1.24/4.95/5.00	
		Heating (Min / Std / Max)	0.26/1.60/2.70	0.38/2.50/3.50	0.65/3.11/5.50	0.72/3.48/5.00	0.84/4.35/5.40	0.96/5.05/5.70	
Energy Efficiency	Current Input (Nominal)	Cooling (Min / Std / Max)	2.10/7.10/10.00	2.80/9.80/12.00	4.00/13.40/17.00	4.80/13.80/17.00	5.60/18.70/21.00	6.40/22.90/23.00	
		Heating (Min / Std / Max)	1.70/7.40/12.00	2.50/11.60/14.50	3.40/14.40/21.80	3.70/16.10/23.00	4.30/20.10/25.00	5.00/23.40/28.00	
Piping Connections	MCA	A	7.70 (MCA)	11.70 (MCA)	19.30 (MCA)	22.20 (MCA)	22.20 (MCA)	22.20 (MCA)	
	MFA	A	15.00	20.00	30.00	35.00	35.00	35.00	
Refrigerant	EER (Nominal Cooling)	-	3.43	3.33	3.04	3.54	3.05	2.84	
	COP (Nominal Heating)	-	3.66	3.17	3.02	3.37	3.17	3.08	
Field Wiring	Energy Grade	Energy Grade (C)	SEER 20.1	SEER 20.5	SEER 19.2	SEER 20.5	SEER 19.6	SEER 18.8	
		Energy Grade (H)	HSPF 10.0	HSPF 9.7	HSPF 9.8	HSPF 9.5	HSPF 9.5	HSPF 9.5	
Refrigerant	Liquid Pipe	Φ, mm	6.35	6.35	9.52	9.52	9.52	9.52	
		Φ, inch	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	
Power Supply	Gas Pipe	Φ, mm	12.70	15.88	15.88	15.88	15.88	15.88	
		Φ, inch	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	
Fan	Installation Limitation	Max Length (Outdoor to indoor)	30	30	50	75	75	75	
		Max Height (Between ID/OD)	20.0	30.0	30.0	30.0	30.0	30.0	
Drain	Power Source Wire	-	-	-	-	-	-	-	
	Transmission Cable	-	-	-	-	-	-	-	
Sound	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	-	-	-	-	-	-	
Additional Accessories	Factory Charging	kg	1.30	2.10	2.60	2.80	2.80	2.80	
	Φ, #, V, Hz	-	1.2,208-230,60	1.2,208-230,60	1.2,208-230,60	1.2,208-230,60	1.2,208-230,60	1.2,208-230,60	
Power Supply	Type	-	Turbo	Turbo	Turbo	Turbo	Turbo	Turbo	
	Output	W	65.00	65.00	97.00	97.00	97.00	97.00	
Fan	Number of Unit	EA	1.00	1.00	1.00	1.00	1.00	1.00	
	Air Flow Rate	High / Mid / Low	16.42/-/-	16.42/-/-	23.79/-/-	28.88/-/-	33.13/-/-	34.83/-/-	
Drain	External Static Pressure	Min / Std / Max	273.67/-/-	273.67/-/-	396.50/-/-	481.33/-/-	552.17/-/-	580.50/-/-	
	mmAq	-	-	-	-	-	-	-	
Sound	Drain Pipe	Φ, mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	
	Sound Pressure	High / Mid / Low	36.0 / 33.0 / 30.0	36.0 / 33.0 / 30.0	38.0 / 35.0 / 32.0	43.0 / 38.0 / 33.0	44.0 / 40.0 / 34.0	45.0 / 41.0 / 35.0	
External Dimension	Sound Power	Cooling	51.0	51.0	53.0	58.0	59.0	60.0	
	Net Weight	kg	15.50	15.50	19.00	19.00	19.00	19.00	
Panel Size	Shipping Weight	kg	19.50	19.50	24.00	24.00	24.00	24.00	
	Net Dimensions (WxHxD)	mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	
Additional Accessories	Shipping Dimensions (WxHxD)	mm	898 x 275 x 898	898 x 275 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	
	Panel model	-	PC4NUSKFN	PC4NUSKFN	PC4NUSKFN	PC4NUSKFN	PC4NUSKFN	PC4NUSKFN	
Power Supply	Panel Net Weight	kg	5.80	5.80	5.80	5.80	5.80	5.80	
	Shipping Weight	kg	8.40	8.40	8.40	8.40	8.40	8.40	
Fan	Net Dimensions (WxHxD)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	
	Shipping Dimensions (WxHxD)	mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	
Compressor	Drain pump	Drain pump	-	-	-	-	-	-	
	Max Lifting Height / Displacement	mm/liter/h	-	-	-	-	-	-	
Air Filter	Type	-	-	-	-	-	-	-	
	Initial Charge	cc	-	-	-	-	-	-	
Fan	Power Supply	Φ, #, V, Hz	1.2,208-230,60	1.2,208-230,60	1.2,208-230,60	1.2,208-230,60	1.2,208-230,60	1.2,208-230,60	
	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	
Sound	Model	-	UG4T200LNBEQ	UG4T200LNFE4	UG8T300LNBJU	UG5T450FUEJX	UG5T450FUEJX	UG5T450FUEJX	
	Output	kW	1.42	1.85	2.82	4.12	4.12	4.12	
External Dimension	Type	-	POE	POE	POE	POE	POE	POE	
	Initial Charge	cc	-	-	-	-	-	-	
Operating Temp. Range	Fan	Air Flow Rate	Cooling	43.89	62.01	62.86	86.08	86.08	
		Heating	731.50	1,033.50	1,047.67	1,434.67	1,434.67	1,434.67	
Air Filter	Sound Pressure	Cooling / Heating	48.0 / 48.0	50.0 / 50.0	50.0 / 52.0	49.0 / 51.0	51.0 / 53.0	53.0 / 55.0	
	Sound Power	Cooling	62.0	65.0	65.0	66.0	66.0	67.0	
Panel	Net Weight	kg	45.00	64.50	70.00	88.00	88.00	88.00	
	Shipping Weight	kg	48.00	69.50	74.00	98.00	98.00	98.00	
Compressor	Net Dimensions (WxHxD)	mm	880 x 638 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	
	Shipping Dimensions (WxHxD)	mm	1023 x 750 x 413	995 x 1096 x 426	995 x 1096 x 426	995 x 1388 x 426	995 x 1388 x 426	995 x 1388 x 426	
Air Filter	Cooling	°C	-18~46	-18~46	-18~46	-18~46	-18~46	-18~46	
	Heating	°C	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Duct S



- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Optional)
- Zone Control (Optional)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- High Efficient Heat Exchanger
- Virus Doctor (Optional)

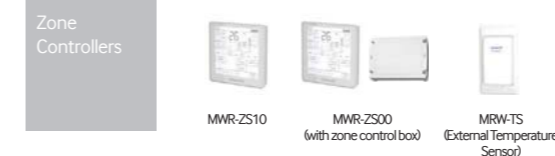
Duct S			Indoor Unit	AC018HBMKD/TC	AC024HBMKD/TC	AC036HBMKD/TC	AC048HBMKD/TC	AC048HBMKD/TC	AC054HBMKD/TC	AC054HBMKD/TC		
Model Code	Indoor Unit	Outdoor Unit	AC018HCRD/TC	AC024HCRD/TC	AC036HCRD/TC	AC048HCRD/TC	AC048HCRD/TC	AC054HCRD/TC	AC054HCRD/TC	AC054HCRD/TC		
System	Mode		COOLING ONLY									
	Capacity	Cooling (Min / Std / Max)	5.28		13.64		13.64		15.53		15.53	
		Heating (Min / Std / Max)	18,000		23,500		38,000		46,500		53,000	
	Power	Power Input (Nominal)	1.85		2.40		3.70		4.56		5.00	
		Current Input (Nominal)	8.50		10.50		17.00		22.00		22.00	
		MCA	13.70 (MCA)		18.70 (MCA)		31.70 (MCA)		42.70 (MCA)		16.70 (MCA)	
		MFA	15.10		20.60		36.30		50.00		18.40	
	Energy Efficiency	EER (Nominal Cooling)	2.85		2.87		3.01		2.90		3.11	
		COP (Nominal Heating)	-		-		-		-		-	
		Energy Grade	Energy Grade (C)		Energy Grade (H)		-		-		-	
	Piping Connections	Liquid Pipe	φ, mm		6.35		9.52		9.52		9.52	
		Gas Pipe	φ, mm		12.70		15.88		19.05		19.05	
		Installation	Max Length (Outdoor to indoor)		30(35)		50(55)		50(55)		50(55)	
		Limitation	Max. Height (Between ID/OD)		15.0(15.0)		30.0(30.0)		30.0(30.0)		30.0(30.0)	
	Field Wiring	Power Source Wire	2.5		3		3		3		3	
Transmission Cable		0.75 ~ 1.5		0.75 ~ 1.5		0.75 ~ 1.25		1.25		1.25		
Refrigerant	Type	R22		R22		R22		R22		R22		
	Control Method	-		-		-		-		-		
Power Supply	Factory Charging	0.85		1.00		1.50		1.85		1.90		
	φ, #, V, Hz	1,2,220-240,50/60		1,2,220-240,50/60		1,2,220-240,50/60		1,2,220-240,50/60		1,2,220-240,50/60		
Indoor Unit	Fan	Type	Sirocco Fan		Sirocco Fan		Sirocco Fan		Sirocco Fan		Sirocco Fan	
		Motor Output	80.00		80.00		153.00		244.00		244.00	
	Air Flow Rate	High / Mid / Low	15.00/12.00/9.00		21.00/18.00/15.00		33.00/29.00/25.00		46.00/39.00/32.00		46.00/39.00/32.00	
		External Static Pressure	250.00/200.00/150.00		350.00/300.00/250.00		550.00/483.33/416.67		766.67/650.00/533.33		766.67/650.00/533.33	
	Drain Pipe	Sound Pressure	0.00/2.00/6.00		0.00/2.00/6.00		0.00/2.00/10.00		0.00/2.00/10.00		0.00/2.00/10.00	
		Sound Power	0.00/19.61/58.84		0.00/19.61/58.84		0.00/19.61/98.07		0.00/19.61/98.07		0.00/19.61/98.07	
	Sound	VP20 (OD 26, ID 20)	35.0 / 31.0 / 27.0		38.0 / 34.0 / 30.0		39.0 / 36.0 / 33.0		42.0 / 38.0 / 34.0		41.0 / 38.0 / 34.0	
		Net Weight	25.00		25.00		32.50		38.00		38.00	
	External Dimension	Shipping Weight	29.00		29.00		37.00		45.00		45.00	
		Net Dimensions (WxHxD)	850 x 250 x 700		850 x 250 x 700		1200 x 250 x 700		1300 x 300 x 700		1300 x 300 x 700	
Panel Size	Shipping Dimensions (WxHxD)	1100 x 320 x 780		1100 x 320 x 780		1450 x 320 x 780		1550 x 370 x 780		1550 x 370 x 780		
	Panel model	-		-		-		-		-		
Additional Accessories	Drain pump	MDP-G075SP		MDP-G075SP		MDP-G075SP		MDP-G075SP		MDP-G075SP		
	Air Filter	-		-		-		-		-		
Outdoor Unit	Power Supply	φ, #, V, Hz	1,2,208-230,60		1,2,208-230,60		1,2,208-230,60		3,4,380,60		1,2,208-230,60	
		Type	Rotary		Rotary		Rotary		Rotary		Scroll	
	Compressor	Model	UR8D190IHEEH		URSA250JNDEM		ZR42K3-PFV-522		ZR48K3-PFV-522		ZR54K3-PFV-522	
		Output	1.86		2.42		3.79		4.42		4.78	
	Fan	Oil	SUNISO		SUNISO		MINERAL OIL		MINERAL OIL		MINERAL OIL	
		Initial Charge	550.00		800.00		1242.00		1242.00		1656.00	
	Sound	Air Flow Rate	43.00		53.00		90.00		90.00		90.00	
		Sound Pressure	716.67		883.33		1,500.00		1,500.00		1,500.00	
	External Dimension	Sound Power	51.0		55.0		57.0		57.0		56.0	
		Net Weight	43.00		50.00		84.00		86.00		85.00	
Operating Temp. Range	Shipping Weight	46.00		53.00		95.00		94.00		107.00		
	Net Dimensions (WxHxD)	880 x 638 x 310		880 x 638 x 310		932 x 1162 x 375		932 x 1162 x 375		932 x 1162 x 375		
	Shipping Dimensions (WxHxD)	1024 x 750 x 414		1024 x 750 x 414		1091 x 1286 x 472		1091 x 1286 x 472		1091 x 1286 x 472		
	Cooling	21~43		21~43		21~43		21~43		21~54		
	Heating	-		-		-		-		-		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Zone Control Accessories



Duct S



- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Optional)
- Zone Control (Optional)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- High Efficient Heat Exchanger
- Virus Doctor (Optional)

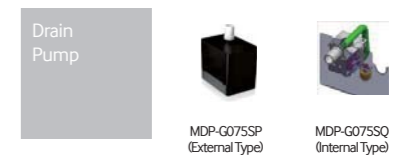
Duct S			AC018HBMKDH/TC	AC024HBMKDH/TC	AC036HBMKDH/TC	AC036HBMKDH/TC	AC048HBMKDH/TC	AC048HBMKDH/TC
Model Code	Indoor Unit	Outdoor Unit	AC018HCADKH/TC	AC024HCADKH/TC	AC036HCADKH/TC	AC036HCADNH/TC	AC048HCADKH/TC	AC048HCADNH/TC
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity	Cooling (Min / Std / Max)		1.20/5.00/6.00	2.00/7.10/8.00	2.80/10.00/12.00	2.80/10.00/12.00	4.60/14.00/15.40	4.60/14.00/15.40
	Heating (Min / Std / Max)		1.10/6.00/7.20	1.50/8.00/9.00	2.90/11.20/15.50	2.90/11.20/15.50	3.70/16.00/18.00	3.70/16.00/18.00
Power	Power Input (Nominal)		0.35/1.56/2.20	0.47/2.21/3.00	0.75/3.22/5.00	0.75/3.22/5.00	1.00/4.63/5.50	1.00/4.63/5.50
	Current Input (Nominal)		1.70/7.20/10.00	2.20/10.20/15.50	3.40/14.00/24.00	3.40/14.00/24.00	4.50/19.70/25.00	4.50/19.70/25.00
	MCA		22.70 (MCA)	22.70 (MCA)	26.70 (MCA)	26.70 (MCA)	26.70 (MCA)	26.70 (MCA)
	MFA		25	25	30	30	30	30
System Efficiency	EER (Nominal Cooling)		3.21	3.21	3.11	3.11	3.02	3.02
	COP (Nominal Heating)		3.61	3.48	3.61	3.61	3.61	3.61
Energy Grade	Energy Grade (C)		Energy Grade(C) 6.1(A++)	Energy Grade(C) 5.9(A+)	Energy Grade(C) 5.6(A+)	Energy Grade(C) 5.6(A+)	-	-
	Energy Grade (H)		Energy Grade(H) 3.8(A)	Energy Grade(H) 4.0(A+)	Energy Grade(H) 4(A+)	Energy Grade(H) 4(A+)	-	-
Piping Connections	Liquid Pipe		Φ, mm	Φ, mm	Φ, mm	Φ, mm	Φ, mm	Φ, mm
	Gas Pipe		Φ, mm	Φ, mm	Φ, mm	Φ, mm	Φ, mm	Φ, mm
Field Wiring	Installation Limitation		Max Length (Outdoor to indoor)	Max Length (Outdoor to indoor)	Max Length (Outdoor to indoor)	Max Length (Outdoor to indoor)	Max Length (Outdoor to indoor)	Max Length (Outdoor to indoor)
	Max Height (Between ID/OD)		m	m	m	m	m	m
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	-	-	-	-	-
Power Supply	Φ, #, V, Hz		1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60
	Motor Output		W	W	W	W	W	W
Fan	Number of Unit		2	2	3	3	3	3
	Air Flow Rate		CMM	CMM	CMM	CMM	CMM	CMM
Sound	Sound Pressure		dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
	Sound Power		dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
External Dimension	Net Weight		kg	kg	kg	kg	kg	kg
	Shipping Weight		kg	kg	kg	kg	kg	kg
Panel Size	Net Dimensions (WxHxD)		mm	mm	mm	mm	mm	mm
	Shipping Dimensions (WxHxD)		mm	mm	mm	mm	mm	mm
Additional Accessories	Drain pump		MDP-G075SP	MDP-G075SP	MDP-G075SP	MDP-G075SP	MDP-G075SP	MDP-G075SP
	Air Filter		-	-	-	-	-	-
Compressor	Type		Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Output		kW	kW	kW	kW	kW	kW
Outdoor Unit	Air Flow Rate		CMM	CMM	CMM	CMM	CMM	CMM
	Sound Pressure		dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
External Dimension	Net Weight		kg	kg	kg	kg	kg	kg
	Shipping Weight		kg	kg	kg	kg	kg	kg
Operating Temp. Range	Cooling		°C	°C	°C	°C	°C	°C
	Heating		°C	°C	°C	°C	°C	°C

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Zone Control Accessories





Big Duct (HSP)

- The Slimmest and The Lightest Design
- 3-Way Service
- Easier Drain Pump Installation
- Virus Doctor (Option)
- New Communication Protocol



Rooftop

- 2Way Installation
- Horizontal Discharge

Big Duct			
Model Code	Indoor Unit	AC072JNHPCC/MG	AC072JNHPCH/MG
	Outdoor Unit	AC072JXQRHC/MG	AC072JXQRHH/MG
Mode		COOLING ONLY	HEAT PUMP
Capacity	Cooling (Min / Std / Max)	6.01/17.58/19.99	6.01/17.58/19.99
	Heating (Min / Std / Max)	20.500/60.000/68.200	20.500/60.000/68.200
Power	Power Input (Nominal)	1.30/5.17/7.30	1.30/5.17/7.30
	Current Input (Nominal)	2.30/8.10/16.10	2.30/8.10/16.10
System	MCA	14.50 (MCA)	14.50 (MCA)
	MFA	15.95	15.95
Energy Efficiency	EER (Nominal Cooling)	3.40	3.40
	COP (Nominal Heating)	3.69	3.69
Piping Connections	Liquid Pipe	Φ, mm	Φ, mm
	Gas Pipe	Φ, mm	Φ, mm
Field Wiring	Power Source Wire	1.5 ~ 0.75	1.5 ~ 0.75
	Transmission Cable	R410A	R410A
Refrigerant	Control Method	-	-
	Factory Charging	2.60	4.60
Power Supply	Type	1.2,208-230,60	1.2,208-230,60
	Motor Output	630.00	630.00
Fan	Number of Unit	2.00	2.00
	Air Flow Rate	High / Mid / Low	High / Mid / Low
Drain	Drain Pipe	VP25 (OD 32.1D 25)	VP25 (OD 32.1D 25)
	Sound Power	46.1 / 42.6 / 36.9	46.1 / 42.6 / 36.9
External Dimension	Net Weight	82.50	82.50
	Shipping Weight	92.00	92.00
Panel Size	Net Dimensions (WxHxD)	1350 x 910 x 450	1350 x 910 x 450
	Shipping Dimensions (WxHxD)	1612 x 984 x 519	1612 x 984 x 519
Additional Accessories	Drain pump	MDP-G075SP	MDP-G075SP
	Air Filter	-	-
Compressor	Type	Twin BLDC Rotary	Twin BLDC Rotary
	Output	4.01	15.83
Fan	Air Flow Rate	110.00	110.00
	Sound Pressure	1,833.33	1,833.33
External Dimension	Net Weight	90.00	107.50
	Shipping Weight	100.00	117.50
Operating Temp. Range	Cooling	940 x 1420 x 330	940 x 1420 x 330
	Heating	995 x 1598 x 426	995 x 1598 x 426

Rooftop				
Model Code	Indoor Unit	AK036HARDCC/VN	AK048HARDCC/VN	AK060HARDCC/VN
	Outdoor Unit	AK036HARDCC/VN	AK048HARDCC/VN	AK060HARDCC/VN
Mode		Cooling Only	Cooling Only	Cooling Only
Capacity	Cooling (Min / Std / Max)	10.26	13.77	17.29
	Heating (Min / Std / Max)	35000	47000	59000
Power	Power Input (Nominal)	4.25	5.89	6.99
	Current Input (Nominal)	14.5	20	24
System	MCA	22.4	31.8	38.6
	MFA	15.95	15.95	15.95
Energy Efficiency	EER (Nominal Cooling)	3	3.13	3.1
	COP (Nominal Heating)	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	Φ, mm	Φ, mm
	Gas Pipe	Φ, mm	Φ, mm	Φ, mm
Field Wiring	Power Source Wire	12 AWG	10 AWG	10 AWG
	Transmission Cable	18 AWG	18 AWG	18 AWG
Refrigerant	Control Method	-	-	-
	Factory Charging	2.25	3.7	4.2
Power Supply	Type	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Motor Output	400	400	600
Fan	Number of Unit	EA	EA	EA
	Air Flow Rate	High / Mid / Low	High / Mid / Low	High / Mid / Low
Drain	Drain Pipe	VP25 (OD 32.1D 25)	VP25 (OD 32.1D 25)	VP25 (OD 32.1D 25)
	Sound Power	76.4	74.92	74.92
External Dimension	Net Weight	152	202	210
	Shipping Weight	156	206	214
Panel Size	Net Dimensions (WxHxD)	1307*958*630	1472*1068*840	1472*1068*840
	Shipping Dimensions (WxHxD)	1330*980*657	1495*1090*867	1495*1090*867
Additional Accessories	Drain pump	-	-	-
	Air Filter	-	-	-
Compressor	Type	Scroll	Scroll	Scroll
	Output	3.73	5.12	6.24
Fan	Air Flow Rate	1242	1242	1242
	Sound Pressure	67.5	67.5	67.5
External Dimension	Net Weight	152	202	210
	Shipping Weight	156	206	214
Operating Temp. Range	Cooling	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330
	Heating	995 x 1598 x 426	995 x 1598 x 426	995 x 1598 x 426

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories

Zone Control Accessories

Optional Accessories





Big Ceiling

- Powerful Cooling
- Long wind distance
- Virus Doctor (Option)
- Easy to maintain
- New Communication Protocol



Big Ceiling

- Powerful Cooling
- Long wind distance
- Virus Doctor (Option)
- Easy to maintain

Big Ceiling				
Model Code	Indoor Unit	AC036JNCDKC/VN AC036JXADKC/VN	AC048JNCDKC/VN AC048JXADKC/VN	AC060JNCDKC/VN AC060JXADKC/VN
Mode		COOLING ONLY	COOLING ONLY	COOLING ONLY
Capacity	Cooling (Min / Std / Max)	2.73/10.26/11.14 9.300/35.000/38.000	2.26/13.48/14.65 7.700/46.000/50.000	3.81/15.83/17.29 13.000/54.000/59.000
	Heating (Min / Std / Max)	-	-	-
Power	Power Input (Nominal)	0.65/3.38/4.70	0.85/4.45/4.80	1.00/5.22/6.70
	Current Input (Nominal)	A	A	A
System	MCA	26.70 (MCA)	28.70 (MCA)	36.70 (MCA)
	EER (Nominal Cooling)	3.04	3.03	3.03
	COP (Nominal Heating)	-	-	-
	Energy Grade	SEER 18	SEER 16	SEER 18
Piping Connections	Liquid Pipe	9.52	9.52	9.52
	Gas Pipe	15.88	15.88	19.05
	Installation	5/8"	5/8"	3/4"
	Power Source Wire	30.0	30.0	30.0
Wiring	Transmission Cable	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
	Refrigerant	R410A	R410A	R410A
Power Supply	Type	1.50	1.90	2.50
	Motor	153.00	244.00	244.00
Fan	Number of Unit	1.00	1.00	1.00
	Air Flow Rate	26.00/23.00/19.00	34.00/27.00/23.00	37.00/31.00/26.00
Drain	Drain Pipe	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound	48.0 / 44.0 / 40.0	46.0 / 42.0 / 38.0	51.0 / 47.0 / 43.0
External Dimension	Net Weight	33.00	42.00	42.00
	Shipping Weight	39.00	48.00	48.00
	Net Dimensions (WxHxD)	1350 x 235 x 675	1650 x 235 x 675	1650 x 235 x 675
	Shipping Dimensions (WxHxD)	1439 x 321 x 758	1739 x 321 x 758	1739 x 321 x 758
Additional Accessories	Drain pump	-	-	-
	Air Filter	-	-	-
Compressor	Type	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Output	2.82	4.12	4.01
Fan	Air Flow Rate	50.00	100.00	110.00
	Sound	52.0	54.0	55.0
External Dimension	Net Weight	62.00	82.00	90.00
	Shipping Weight	66.00	92.00	100.00
	Net Dimensions (WxHxD)	880 x 967 x 320	932 x 1162 x 375	940 x 1420 x 330
	Shipping Dimensions (WxHxD)	1047 x 1045 x 415	1095 x 1286 x 476	1095 x 1286 x 476
Operating Temp. Range	Cooling	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	-	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Brazil Only			
Model Code	Indoor Unit	AC036HBCBDD/VN AC036HCBDFD/VN	AC060HBCBDD/VN AC060HCBDFD/VN
Mode		COOLING ONLY	COOLING ONLY
Capacity	Cooling (Min / Std / Max)	11.14 38.000	17.00 58.000
	Heating (Min / Std / Max)	-	-
Power	Power Input (Nominal)	3.95	6.04
	Current Input (Nominal)	18.20	18.20
System	MCA	29.00 (MCA)	26.80 (MCA)
	EER (Nominal Cooling)	32.90	29.50
	COP (Nominal Heating)	2.82	2.82
	Energy Grade	Energy Grade(C) C	Energy Grade(C) C
Piping Connections	Liquid Pipe	9.52	9.52
	Gas Pipe	19.05	19.05
	Installation	3/4"	3/4"
	Power Source Wire	30	30
Wiring	Transmission Cable	0.75 ~ 1.25	0.75 ~ 1.25
	Refrigerant	R22	R22
Power Supply	Type	1.30	1.70
	Motor	153.00	350.00
Fan	Number of Unit	3.00	4.00
	Air Flow Rate	28.00/25.00/22.00	48.00/42.00/34.00
Drain	Drain Pipe	VP20 (OD 25, ID 20)	VP20 (OD 25, ID 20)
	Sound	49.0 / 46.0 / 43.0	56.0 / 52.0 / 48.0
External Dimension	Net Weight	33.00	42.00
	Shipping Weight	39.00	48.00
	Net Dimensions (WxHxD)	1350 x 235 x 675	1650 x 235 x 675
	Shipping Dimensions (WxHxD)	1439 x 321 x 758	1739 x 321 x 758
Additional Accessories	Drain pump	-	-
	Air Filter	-	-
Compressor	Type	.Recipro	.Recipro
	Output	3.88	5.45
Fan	Air Flow Rate	70.00	90.00
	Sound	56.0	56.0
External Dimension	Net Weight	74.00	92.00
	Shipping Weight	79.00	102.00
	Net Dimensions (WxHxD)	880 x 967 x 320	932 x 1162 x 375
	Shipping Dimensions (WxHxD)	1043 x 1062 x 411	1091 x 1286 x 472
Operating Temp. Range	Cooling	21 ~ 43	21 ~ 43
	Heating	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



ERV



- CO₂ Sensor (Optional)
- Energy Saving Operation (Auto Mode)
- Flexible Installation
- Silent Operation
- Supply/Exhaust Fan
- Heat Exchanger Element
- Temperature Sensor
- BLDC Fan Motor
- New Diamond Type Element
- Slim Design
- Virus Doctor (Optional)
- New Communication Protocol

ERV			AN026JSKLN/EU	AN035JSKLN/EU	AN050JSKLN/EU	AN080JSKLN/EU	AN100JSKLN/EU
Power Supply	Φ, #, V, Hz		1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60
Mode	-		Temperature Exchange	Temperature Exchange	Temperature Exchange	Temperature Exchange	Temperature Exchange
Performance	Air Volume	CMH	-	-	-	-	-
Power Input	W		115.00	115.00	175.00	330.00	450.00
Current	A		0.70	0.70	1.10	2.10	2.90
Fan	Air Flow (H / M / L)	CMH	-	-	-	-	-
	External Static Pressure (H / M / L)	Pa	-	-	-	-	-
Temperature Exchange	Cooling	%	70.00	70.00	70.00	70.00	70.00
	Heating	%	70.00	70.00	70.00	70.00	70.00
Effective Enthalpy Exchange Efficiency	Cooling	%	70.00	50.00	50.00	50.00	50.00
	Heating	%	-	-	-	-	-
Net Weight	kg		28.50	42.50	42.50	67.00	67.00
Gross Weight	kg		32.50	53.50	53.50	75.50	75.50
Net Dimensions (WxHxD)	mm		660 x 350 x 600	1012 x 270 x 1000	1012 x 270 x 1000	1220 x 340 x 1135	1220 x 340 x 1135
Gross Dimensions (WxHxD)	mm		760 x 400 x 807	1308 x 355 x 1192	1308 x 355 x 1192	1475 x 440 x 1330	1475 x 440 x 1330

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories

Individual Controllers



MWR-WE10N MWR-VH12N

FJM LINEUP & FEATURE



FREE JOINT MULTI

4kW	5kW	5.2kW
-----	-----	-------



6kW	7kW	8kW
-----	-----	-----



10kW



Maldives

MODEL					
CAPACITY	kW	KBtu/h			
	2	6.8		●	
	2.5	8.5		●	
	3.5	11.9		●	
	5.0	17.1		●	
6.8	23.2		●		
Full HD Filter			●		
Good Sleep			●		

NEO FORTE

MODEL					
CAPACITY	kW	KBtu/h			
	2	6.8		●	
	2.6	8.9		●	
	3.5	11.9		●	
	5.2	17.7		●	
Smart Technology			●		
Deodorising Filter			●		

CASSETTE

MODEL					
CAPACITY	kW	KBtu/h			
	2.6	8.9		●	
	3.5	11.9		●	
	5.2	17.7		●	
FEATURES	Slim and Compact Design			●	
	Lighter Indoor Unit			●	
	Silent Operation			●	
	Ceiling Dust Prevention				●
	Fresh Air Intake				●
	High Lift-up Drain Pump				●
	Sub Duct				●
					●

LSP DUCT

MODEL					
CAPACITY	kW	KBtu/h			
	2.6	8.9		●	
	3.5	11.9		●	
FEATURES	Flexible Installation			●	
	Slim Design			●	
	Easy to Maintain			●	
	Easier drain pump installation			●	
	Anti-Virus Filter			●	
	Easy Filter Cleaning			●	
	Smart Pressure Control			●	
	High Lift-up Drain Pump(Optional)			●	



Free Joint Multi

- Twin BLDC Compressor
- Sine Wave Controller
- Sound Insulator for the Compressor
- Easy Installation

Free Joint Multi			RJ040F2HXBA	RJ050F2HXBA	RJ052F3HXBA	RJ060F3HXBA	RJ070F4HXBA	RJ080F4HXBA	RJ100F5HXBA	
Power Supply	Φ, #, V, Hz		1,2,220,60	1,2,220,60	1,2,220,60	1,2,220,60	1,2,220,60	1,2,220,60	1,2,220,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	1.50	1.80	1.85	2.00	2.50	3.00	3.50	
		kW	4.00	5.00	5.20	5.90	7.00	8.00	10.00	
	Capacity (Nominal)	Cooling	Btu/h	13,600	17,100	17,700	20,100	23,900	27,300	34,100
		Heating	Btu/h	15,000	19,400	21,500	21,500	29,300	31,700	40,900
Power	Power Input (Nominal)	Cooling	kW	1.02	1.32	1.35	1.60	1.90	2.30	2.90
		Heating	kW	0.99	1.35	1.40	1.40	2.00	2.20	2.93
	Current Input (Nominal)	Cooling	A	4.70	6.00	6.20	7.30	8.70	10.50	13.30
		Heating	A	4.50	6.20	6.40	6.40	9.20	10.10	13.40
	MCA	A	9.80 (Max)	11.80 (Max)	12.20 (Max)	14.40 (Max)	18.68 (Max)	18.68 (Max)	26.12 (Max)	
	MFA	A	11.25	13.75	13.75	16.25	20.75	20.75	28.75	
COP	Nominal Cooling	-	3.92	3.79	3.85	3.69	3.68	3.48	3.45	
	Nominal Heating	-	4.44	4.22	4.50	4.50	4.30	4.23	4.10	
Compressor	Type	-	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	
	Output	kW x n	(1.37)	(1.37)	(5.92)	(5.92)	(2.45)	(2.45)	(9.17)	
	Model Name	-	UG4T150FUDJQDO x 1	UG4T150FUDJQDO x 1	G8T200FUAEWSS x 1	G8T200FUAEWSS x 1	G8T260FUAEW x 1	G8T260FUAEW x 1	UG8T300FUBJUSG x 1	
	Oil	Type	POE	POE	POE	POE	POE	POE	POE	
	Initial Charge	cc	650	650	650	650	700	700	1200	
Fan	Type	-	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	
	Output x n	W	35.0 x 1	35.0 x 1	45.0 x 1	124.0 x 1	124.0 x 1	124.0 x 1	150.0 x 1	
	Air Flow Rate	CMM	30	33	33	41	45	45	71	
		l/s	506.67	551.67	548.33	683.33	746.67	756.67	1,176.67	
Piping Connections	Liquid Pipe	Φ, mm x EA	6.35 x 2	6.35 x 2	6.35 x 3	6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5	
		Φ, inch x EA	1/4" x 2	1/4" x 2	1/4" x 3	1/4" x 3	1/4" x 4	1/4" x 4	1/4" x 5	
	Gas Pipe	Φ, mm x EA	9.52 x 2	9.52 x 2	9.52 x 2 + 12.70	9.52 x 2 + 12.70	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 3
		Φ, inch x EA	3/8" x 2	3/8" x 2	3/8" x 2 + 1/2"	3/8" x 2 + 1/2"	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 3
Installation Limitation	Max. Length	m	20(25)	20(25)	20	20(25)	25(30)	25(30)	25(30)	
	Max. Height	m	15.0(15.0)	15.0(15.0)	15.0	15.0(15.0)	15.0(15.0)	15.0(15.0)	15.0(15.0)	
Field Wiring	Power Source Wire	mm ²	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	4.0 ~ 4.0	
	Transmission Cable	mm ²	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	1.30	1.60	2.20	2.20	2.80	2.80	3.30	
Sound	Sound Pressure	dB(A)	45.0 / 46.0	46.0 / 47.0	46.0 / 47.0	48.0 / 49.0	48.0 / 49.0	50.0 / 51.0	54.0 / 55.0	
	Sound Power	dB(A)	-	-	-	-	-	-	-	
External Dimension	Net Weight	kg	37.0	40.0	49.0	56.0	65.0	65.0	74.5	
	Shipping Weight	kg	40.0	43.0	53.0	60.0	70.0	70.0	80.0	
	Net Dimensions (WxHxD)	mm	790 x 545 x 285	790 x 545 x 285	880 x 638 x 310	880 x 798 x 310	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330	
	Shipping Dimensions (WxHxD)	mm	926 x 599 x 382	926 x 599 x 382	1,053 x 695 x 413	1,023 x 889 x 413	1,023 x 889 x 413	1,023 x 889 x 413	995 x 1,096 x 426	
Operating Temp. Range	Cooling	°C	-5.0 ~ 46.0	-5.0 ~ 46.0	-5.0 ~ 46.0	-5.0 ~ 46.0	-5.0 ~ 46.0	-5.0 ~ 46.0	-10.0 ~ 46.0	
	Heating	°C	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Pipe length 5m, Level difference 0m.
 * Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.



Maldives

- Full HD Filter
- Smart Saver
- Turbo Cooling
- Smart Inverter
- Good' Sleep
- Quiet Mode
- Virus Doctor

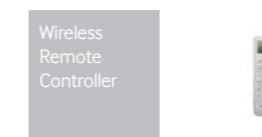
Maldives				AJ007JBRDCH/AZ	AJ009JBRDCH/AZ	AJ012JBRDCH/AZ	AJ018JBRDCH/AZ	AJ024JBRDCH/AZ
Power Supply		Φ, #, V, Hz	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60
Mode			HP	HP	HP	HP	HP	HP
Performance	Capacity (Nominal)	Cooling	kW	2	2.5	3.5	5	6.8
			Btu/h	6,800	8,500	11,900	17,100	23,200
		Heating	kW	2.2	3.2	4	6	7.8
			Btu/h	7,500	10,900	13,600	20,500	26,600
Power	Power Input (Nominal)	Cooling	30	30	50	50	60	
		Heating	30	30	50	50	60	
	Current Input (Nominal)	Cooling	0.18	0.3	0.4	0.4	0.45	
		Heating	0.18	0.3	0.4	0.4	0.45	
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output x n	W	23 x 1	23 x 1	23 x 1	27 x 1	27 x 1
	Air Flow Rate	H/M/L (UL)	CMM	7.90/7.00/6.10	9.40/8.70/7.90	10.10/9.00/7.90	14.20/12.30/11.20	17.80/14.30/10.60
			l/s	131.67/116.67/101.67	156.67/145.00/131.67	168.33/150.00/131.67	236.67/205.00/186.67	296.67/238.33/176.67
External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	
		Pa	-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	9.52	12.7	15.88	
		Φ, inch	3/8"	3/8"	3/8"	1/2"	5/8"	
Drain Pipe	Φ, mm	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)		
Field Wiring	Power Source Wire	mm ²	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	
	Transmission Cable	mm ²	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	31.0/28.0/27.0	36.0/34.0/30.0	37.0/34.0/30.0	40.0/37.0/34.0	44.0/39.0/35.0
		Cooling	dB(A)	53	56	58	57	62
Dimensions	Net Weight	kg	8	8	8	11.5	11.5	
	Shipping Weight	kg	9.4	9.4	9.4	13.5	13.5	
	Net Dimensions (W×H×D)	mm	820 x 285 x 215	820 x 285 x 215	820 x 285 x 215	1065 x 298 x 230	1065 x 298 x 230	
	Shipping Dimensions (W×H×D)	mm	880 x 360 x 260	880 x 360 x 260	880 x 360 x 260	1125 x 290 x 375	1125 x 290 x 375	
	Panel model	-	-	-	-	-	-	
Panel Size	Panel Net Weight	kg	-	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	-	-	
	Shipping Dimensions (W×H×D)	mm	-	-	-	-	-	
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	
Air Filter			-	-	-	-		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Standard Accessories





Neo Forte

- Clean-cut Front Panel
- Silver Accent Line
- Bottom Opening Front Panel

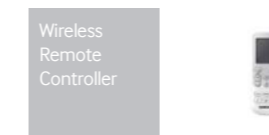
Neo Forte				MH020FNBA	MH026FNBA	MH035FNBA	MH052FNBA
Power Supply	Φ, #, V, Hz			1.2,220,60	1.2,220,60	1.2,220,60	1.2,220,60
Mode				HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.60	3.50	5.20
			Btu/h	6,800	8,900	11,900	17,700
	Heating	kW	2.20	2.90	3.80	5.60	
			Btu/h	7,500	9,900	13,000	19,100
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	35.00	50.00
			W	30.00	30.00	35.00	50.00
	Current Input (Nominal)	Cooling	A	0.18	0.18	0.19	0.30
			A	0.18	0.18	0.19	0.30
Fan	Motor	Type		Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output x n		23 x 1	23 x 1	23 x 1	40 x 1
	Air Flow Rate	H/M/L (UL)	CMM	7.70/6.70/5.70	8.30/7.30/6.30	9.50/8.50/7.50	13.20/11.60/9.90
			l/s	128.33/111.67/95.00	138.33/121.67/105.00	158.33/141.67/125.00	220.00/193.33/165.00
External Pressure	Min / Std / Max	mmAq	-	-	-	-	
		Pa	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	9.52	12.70	
		Φ, inch	3/8"	3/8"	3/8"	1/2"	
Drain Pipe	Φ, mm	VP18 (OD 19JD 16)	VP18 (OD 19JD 16)	VP18 (OD 19JD 16)	VP18 (OD 19JD 16)		
Field Wiring	Power Source Wire	mm ²	1.0 ~ 1.0	1.0 ~ 1.0	1.0 ~ 1.0	1.0 ~ 1.0	
	Transmission Cable	mm ²	0.75 ~ 1.00	0.75 ~ 1.00	0.75 ~ 1.00	0.75 ~ 1.00	
Refrigerant	Type		R410A	R410A	R410A	R410A	
	Control Method		EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	32.0/28.0/23.0	32.0/28.0/23.0	36.0/30.0/23.0	40.0/35.0/30.0
		Cooling	dB(A)	-	-	-	-
Dimensions	Net Weight	kg	7.80	7.80	7.80	13.00	
	Shipping Weight	kg	9.40	9.40	9.40	16.00	
	Net Dimensions (W×H×D)	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1099 x 315 x 217	
	Shipping Dimensions (W×H×D)	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1137 x 377 x 299	
Panel Size	Panel model		-	-	-	-	
	Panel Net Weight	kg	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	-	
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	
Air Filter			-	-	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Standard Accessories





4Way Cassette (600x600)

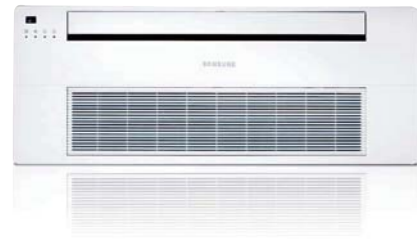
- Compact and Light Unit
- Virus Doctor (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water

4Way Cassette (600x600)				AJ009JBNDCH/AZ	AJ012JBNDCH/AZ	AJ018JBNDCH/AZ
Model Code						
Power Supply		Φ, #, V, Hz		1,2,220-240,60	1,2,220-240,60	1,2,220-240,60
Mode				HP	HP	HP
Performance	Capacity (Nominal)	Cooling	kW	2.6	3.5	5.2
			Btu/h	8,900	11,900	17,700
		Heating	kW	2.9	3.8	5.6
			Btu/h	9,900	13,000	19,100
Power	Power Input (Nominal)	Cooling	W	19	22	28
			Heating	19	22	28
	Current Input (Nominal)	Cooling	A	0.51	0.52	0.53
			Heating	0.51	0.52	0.53
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	W	65 x 1	65 x 1	65 x 1
	Air Flow Rate	H/M/L (UL)	CMM	9.90/8.20/6.90	10.70/9.00/7.40	12.40/10.70/9.00
			l/s	165.00/136.67/115.00	178.33/150.00/123.33	206.67/178.33/150.00
External Pressure	Min / Std / Max	mmAq	-	-	-	
		Pa	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	12.7	
		Φ, inch	3/8"	3/8"	1/2"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
Field Wiring	Power Source Wire	mm ²	1	1	1	
	Transmission Cable	mm ²	0.75~1	0.75~1	0.75~1	
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	33.0/29.0/27.0	35.0/31.0/27.0	39.0/36.0/32.0
	Sound Power	Cooling	dB(A)	47	49	55
Dimensions	Net Weight		kg	11.4	11.4	11.7
	Shipping Weight		kg	13.4	13.4	13.7
	Net Dimensions (W×H×D)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (W×H×D)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
Panel Size	Panel model		-	PC4SUSMA	PC4SUSMA	PC4SUSMA
	Panel Net Weight		kg	2.7	2.7	2.7
	Shipping Weight		kg	4.2	4.2	4.2
	Net Dimensions (W×H×D)		mm	670 x 47 x 670	670 x 47 x 670	670 x 47 x 670
	Shipping Dimensions (W×H×D)		mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	-
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories





1Way Cassette

- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water



LSP Duct

- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain

1Way Cassette				MH026FSBA	MH035FSBA
Model Code					
Power Supply		Φ, #, V, Hz		1.2,220,60	1.2,220,60
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
			Btu/h	8,900	11,900
	Heating	kW	2.90	3.80	
		Btu/h	9,900	13,000	
Power	Power Input (Nominal)	Cooling	W	45.00	50.00
		Heating	W	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.23	0.25
		Heating	A	0.23	0.25
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output x n	W	-	-
	Air Flow Rate	H/M/L (UL)	CMM	6.20/5.20/4.20	7.60/6.60/5.60
			l/s	103.33/86.67/70.00	126.67/110.00/93.33
External Pressure	Min / Std / Max	mmAq	-	-	
		Pa	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
Field Wiring	Power Source Wire	mm ²	1.0 ~ 1.0	1.0 ~ 1.0	
		mm ²	0.75 ~ 1.00	0.75 ~ 1.0	
	Transmission Cable	Type	-	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	31.0/28.0/27.0	36.0/33.0/30.0
		Cooling	dB(A)	-	-
Dimensions	Net Weight	kg	10.5	10.5	
		kg	13.5	13.5	
	Shipping Weight	mm	970 x 135 x 410	970 x 135 x 410	
		mm	1164 x 212 x 478	1164 x 212 x 478	
	Panel model	-	PSSMA	PSSMA	
		Panel Net Weight	kg	3	3
Panel Size	Shipping Weight	kg	5	5	
		mm	1180 x 25 x 460	1180 x 25 x 460	
	Shipping Dimensions (W×H×D)	mm	1259 x 144 x 539	1259 x 144 x 539	
		Drain pump	Drain pump - / Model name	-	-
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	-	-	
		Air Filter	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

LSP Duct				MH026FEBA	MH035FEBA
Model Code					
Power Supply		Φ, #, V, Hz		1.2,220,60	1.2,220,60
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
			Btu/h	8,900	11,900
	Heating	kW	2.90	3.80	
		Btu/h	9,900	13,000	
Power	Power Input (Nominal)	Cooling	W	76	76
		Heating	W	76	76
	Current Input (Nominal)	Cooling	A	0.35	0.35
		Heating	A	0.35	0.35
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output x n	W	29 x 1	29 x 1
	Air Flow Rate	H/M/L (UL)	CMM	8.60/7.60/6.60	9.80/8.80/7.80
			l/s	143.33/126.67/110.00	163.33/146.67/130.00
External Pressure	Min / Std / Max	mmAq	0.00/2.00/4.00	0.00/2.00/4.00	
		Pa	0.00/19.61/39.23	0.00/19.61/39.23	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
Field Wiring	Power Source Wire	mm ²	1.0 ~ 1.0	1.0 ~ 1.0	
		mm ²	0.75 ~ 1.0	0.75 ~ 1.0	
	Transmission Cable	Type	-	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	30.0/28.0/25.0	32.0/30.0/27.0
		Cooling	dB(A)	-	-
Dimensions	Net Weight	kg	26.00	26.00	
		kg	31.00	31.00	
	Shipping Weight	mm	900 x 199 x 600	900 x 199 x 600	
		mm	1133 x 333 x 722	1133 x 330 x 730	
	Panel model	-	-	-	
		Panel Net Weight	kg	-	-
Panel Size	Shipping Weight	kg	-	-	
		mm	-	-	
	Shipping Dimensions (W×H×D)	mm	-	-	
		Drain pump	Drain pump - / Model name	MDP-M075SGU3	MDP-M075SGU3
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	-	-	
		Air Filter	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



Optional Accessories



Standard Accessories

Vertical AHU

Vertical AHU			Indoor Unit	AC036KNZDCH/AA	AC048KNZDCH/AA	AC054KNZDCH/AA	
Model Code		Outdoor Unit	AC036JXADCH/AA	AC048JXADCH/AA	AC054JXADCH/AA		
System	Mode	-	HEAT PUMP	HEAT PUMP	HEAT PUMP		
	Capacity	Cooling (Min / Std / Max)	kW	4.10/10.55/11.43	5.57/14.07/14.65	6.15/15.83/16.12	
		Btu/h	14,000/36,000/39,000	19,000/48,000/50,000	21,000/54,000/55,000		
	Heating (Min / Std / Max)	kW	3.52/11.72/12.60	4.69/15.53/16.12	6.15/17.58/18.17		
		Btu/h	12,000/40,000/43,000	16,000/53,000/55,000	21,000/60,000/62,000		
	Power	Power Input	Cooling (Min / Std / Max)	kW	0.98/3.16/3.45	1.42/5.00/5.40	1.92/6.72/7.30
		(Nominal)	Heating (Min / Std / Max)	0.81/3.62/4.70	1.28/4.95/5.60	1.95/5.80/7.80	
		Current Input	Cooling (Min / Std / Max)	A	5.10/14.10/18.20	7.90/21.30/23.00	10.10/28.70/35.80
		(Nominal)	Heating (Min / Std / Max)	4.50/15.80/23.00	7.50/21.60/23.50	10.20/24.70/38.50	
	MCA	A	26.36 (MCA)	26.36 (MCA)	41.64 (MCA)		
	MFA	A	40.00	40.00	70.00		
	Energy Efficiency	EER (Nominal Cooling)	-	3.34	2.81	2.36	
		COP (Nominal Heating)	-	3.24	3.14	3.03	
		Energy Grade	Energy Grade (C)	SEER 19	SEER 18	SEER 17.1	
		Energy Grade (H)	HSPF 10.2	HSPF 9.7	HSPF 9		
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52		
	Φ, inch	3/8"	3/8"	3/8"			
	Gas Pipe	Φ, mm	15.88	15.88	19.05		
	Φ, inch	5/8"	5/8"	3/4"			
Field Wiring	Installation	Max Length (Outdoor to indoor)	m	75	75		
	Limitation	Max Height (Between ID/OD)	m	30.0	30.0		
Refrigerant	Power Source Wire	-	-	-	-		
	Transmission Cable	-	-	-	-		
Type	-	-	R410A	R410A	R410A		
	Control Method	-	-	-	-		
Factory Charging	kg	2.80	2.80	3.50			
	Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60			
Fan	Type	-	Sirocco (ECM)	Sirocco (ECM)	Sirocco (ECM)		
	Motor	Output	W	410.00	590.00		
	Number of Unit	EA	1.00	1.00	1.00		
Air Flow Rate	High / Mid / Low	CMM	33.00/29.50/25.00	40.00/36.00/32.00	53.50/42.50/38.00		
	I/s	550.00/491.67/416.67	666.67/600.00/533.33	891.67/708.33/633.33			
External Static Pressure	Min / Std / Max	mmAq	0.00/6.10/25.40	2.54/7.11/25.40	2.54/7.11/25.40		
	Pa	0.00/59.82/249.09	24.91/69.72/249.09	24.91/69.72/249.09			
Drain	Drain Pipe	Φ, mm	-	-	-		
	Sound Pressure	High / Mid / Low	dB(A)	42.0 / 39.0 / 36.0	43.0 / 41.0 / 38.0	45.0 / 42.0 / 39.0	
Sound Power	Cooling	W	-	-	-		
	Net Weight	kg	56.00	74.00	74.00		
Shipping Weight	kg	62.00	80.00	80.00			
	Net Dimensions (WxHxD)	mm	533 x 1219 x 533	622 x 1492 x 552	622 x 1492 x 552		
Shipping Dimensions (WxHxD)	mm	591 x 1308 x 667	673 x 1588 x 692	673 x 1588 x 692			
	Panel model	-	-	-			
Panel Net Weight	kg	-	-	-			
	Shipping Weight	kg	-	-			
Net Dimensions (WxHxD)	mm	-	-	-			
	Shipping Dimensions (WxHxD)	mm	-	-			
Additional Accessories	Drain pump	Drain pump	-	-	-		
	Max Lifting Height / Displacement	mm/liter/h	-	-	-		
Air Filter	-	-	-	-	-		
	Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60			
Type	-	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary		
	Model	-	UGST450FUEJX	UGST450FUEJX	UGST450FXAJX		
Output	kW	4.12	4.12	4.01			
	Type	-	PVE	PVE			
Initial Charge	cc	86.08	86.08	146.11			
	Air Flow Rate	Cooling	I/s	1,434.67	2,435.17		
Sound Pressure	Cooling / Heating	dB(A)	49.0 / 51.0	53.0 / 55.0	56.0 / 56.0		
	Cooling	dB(A)	-	-	-		
Net Weight	kg	88.00	88.00	96.00			
	Shipping Weight	kg	98.00	98.00	106.00		
Net Dimensions (WxHxD)	mm	940 x 1210 x 330	940 x 1210 x 330	940 x 1420 x 330			
	Shipping Dimensions (WxHxD)	mm	995 x 1388 x 426	995 x 1388 x 426	995 x 1598 x 426		
Operating Temp. Range	Cooling	°C	-18~46	-18~46	-18~46		
	Heating	°C	-20~24	-20~24	-20~24		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories

Individual Controllers

Panel
























Control System














CLASSIFICATION	PRODUCT	IMAGE	MODEL		APPLICATION	
			DVM S, Single (New Communication Protocol)	Single, FJM		
Integrated Management System	Controller		MIM-D00AN	MIM-D00A		
			MIM-D01AN	MIM-D01AN		
			MST-P3P	MST-P3P		
	Interface Module		MIM-B16N	MIM-B16		
System Controller	Centralized Control System	Controller		MCM-A300N	-	DVM Chiller Included
				MCM-A202DN	MCM-A202D	
				MCM-C210N	-	
				MCM-C200	-	DVM S Series (Except HR Models)
	Interface Module		MIM-F00N	-	DVM Chiller	
			MIM-F10N	-	DVM Chiller	
			-	MIM-A00	FJM (For connecting wired remote controller and external contact interface module)	
			MIM-N10	-	ERV (New Communication Protocol)	
	MIM-N01	MIM-N01	Converter between old & new protocol			

CLASSIFICATION	PRODUCT	IMAGE	MODEL		APPLICATION	
			DVM S, Single (New Communication Protocol)	Single, FJM		
System Controller	Individual Control System	Controller		MWR-ZS00N	MWR-ZS00	
				MWR-ZS10N	MWR-ZS10	
				MWR-WE10N	MWR-WE10	
				MWR-W00N	-	DVM S Hydro Unit
				-	MWR-WH00 MWR-WH02	Connect wire : 10m Connect wire : 3m
				-	-	
				MWR-SH00N	MWR-SH00	
				MWR-VH12N	MWR-VH02	ERV
				MR-EH00	MR-EH00	
				-	MR-EH01	CAC Nordic Only
				AR-KE00E	AR-KE00E	For 360 Cassette
				MRK-A10N	MRK-A10N	DVM S Series (for Ducted indoor unit) Single Duct S
				-	MRK-A00	
				-	MRW-10A	
				MRW-TA	MRW-TA	
				MRW-TS	MRW-TS	Global Duct (For Zone Controller)
				-	MIM-H02	Single Inverter Cassette & Duct
	MIM-H03N	MIM-H03	Max. 16 unit			
Building Management System	Building Management Module			MST-R5D	MST-R5D	
				MIM-B18N	MIM-B18	
				MIM-B18BN	MIM-B18BN	DVM Chiller Included
				MIM-B17N	MIM-B17	
				MIM-B17BN	MIM-B17BN	DVM Chiller Included
				-	MIM-B07	
				MIM-B14	MIM-B14	
					-	MIM-B02
Converter Motion Detect Sensor			MIM-C02N	MIM-C02N		
			MIM-C10N	-		

Accessories

CLASSIFICATION	IMAGE	MODEL		APPLICATION
		DVM S, Single (New Communication Protocol)	Single, FJM	
Drain Pump		MDP-E075SEE3D	MDP-E075SEE3	Slim Duct(2.0~14.0 kW)
		MDP-M075SGU1D	MDP-M075SGU1	M.S.P Duct(9.0/11.2 kW)
		MDP-M075SGU2D	MDP-M075SGU2	M.S.P Duct(12.8/14.0 kW) H.S.P Duct(11.2/12.8/14.0 kW)
		MDP-M075SGU3D	MDP-M075SGU3	M.S.P Duct(5.6/7.1 kW)
		MDP-N047SNC0D	-	O.A.P Duct (14.0 kW)
		MDP-N047SNC1D	MDP-N047SNC1	H.S.P Duct(22.4/28.0 kW) Fresh Air Intake Duct (22.4/28.0 kW)
		MDP-G075SP	MDP-G075SP	Duct S (External Type)
	MDP-G075SQ	-	Duct S (Internal Type)	
PDM Kits (High Elevation Kits)		MXD-A38K2A	-	8~12 HP
		MXD-A12K2A	-	14~16 HP
		MXD-A58K2A	-	18~22 HP
AHU Kits		MXD-K025AN	-	7.0~8.75 kW AHU
		MXD-K050AN	-	14.0~17.5 kW AHU
		MXD-K075AN	-	21.0~26.25 kW AHU
		MXD-K100AN	-	28.0~35.0 kW AHU
		MXD-A64K100E	-	AHU EEV Kit (10HP)
	MCM-D201N	-	Control Kit (PBA, 10HP~40HP)	
4 Way Cassette Front Panel		PC4NUDMAN	PC4NUDMAN	NASA, Square
		PC4NBDMAN	PC4NBDMAN	NASA, Square - Black
		PC4NUNMAN	PC4NUNMAN	NASA, Circle (Exposed installation)
		PC4NBNMAN	PC4NBNMAN	NASA, Circle (Exposed installation) - Black
4 Way Cassette Front Panel		PC4NUSKA	PC4NUSKA (Korea) PC4NUSMA (China)	4Way Cassette S - Waffle
		PC4NUSKEN	PC4NUSKE (Korea) PC4NUSME (China)	4Way Cassette S - Classic
		PC4NBSKAN	PC4NBSKA	4Way Cassette S - Black
4 Way Cassette (600x600) Front Panel		PC4SUSMAN	PC4SUSMB	4Way Cassette S (600x600) -Waffle
		PC4SUSMEN	PC4SUSMF	4Way Cassette S (600x600) -Classic
1 Way Cassette Front Panel		PC1MWSKAN	-	1Way Cassette (New Air Fluid Design) (1.7~2.2kW)
		PC1NWSMAN	-	1Way Cassette (New Air Fluid Design) (2.2~3.6kW)
		PC1BWSMAN	-	1Way Cassette (New Air Fluid Design) (5.6~7.1kW)
		PC1NUSMAN	PSSMA	"Slim 1Way Cassette (2.2~3.6kW)"
		PC1BWSEAN	-	"Slim 1Way Cassette (5.6~7.1kW)"
		PC1NUPMAN	PC1NUPMA	"Slim 1Way Cassette Z-Sliding (2.2~3.6kW)"
		PC1BWPEAN	-	"Slim 1Way Cassette Z-Sliding (5.6~7.1kW)"
2 Way Cassette Front Panel		PC2NUSMEN	-	2Way Cassette
Virus Doctor		MSD-CAN1	MSD-CAN1	"4Way Cassette S 4Way Cassette S (600x600)"
		MSD-EAN1	MSD-EAN1	ERV, Global Duct
Motion Detect.Sensor		MCR-SMA	MCR-SMA	4Way Cassette S (600x600)

Classification	Image	Model	Description	APPLICATION
Y-joint		MXJ-YA1509M	15.0kW and below	DVM S
		MXJ-YA2512M	Over 15.0 ~ 40.6kW and below	
		MXJ-YA2812M	Over 40.6 ~ 46.4 kW and below	
		MXJ-YA2815M	Over 46.4 ~ 69.6 kW and below	
		MXJ-YA3419M	Over 69.6 ~ 98.6 kW and below	
		MXJ-YA4119M	Over 98.6 ~ 139.2 kW and below	
		MXJ-YA4422M	Over 139.2 kW	
Y-joint (High Pressure Gas) for HR module		MXJ-YA1500M	23.2 kW and below	DVM S HR
		MXJ-YA2500M	Over 23.2 ~ 69.6 kW and below	
		MXJ-YA3100M	Over 69.6 ~ 139.2 kW and below	
		MXJ-YA3800M	Over 139.2 kW	
Outdoor Joint (Outdoor Connection)		MXJ-TA3819M MXJ-TA3419M	Below 48 HP	DVM S
		MXJ-TA4422M MXJ-TA4122M	Over 48 HP	
Outdoor Joint (High Pressure Gas) for HR Module		MXJ-TA3100M	Below 48 HP	DVM S HR
		MXJ-TA3800M	Over 48 HP	
DPM Y-joint		MXJ-2D2509K	2-indoor unit connection	CAC Inverter(4way, 4way 600x600)
		MXJ-3D2509K	3-indoor unit connection	
		MXJ-4D2509K	4-indoor unit connection	
Header Joint		MXJ-HA3819M	Over 69.7 kW	DVM S
		MXJ-HA3115M	Below 69.6 kW	
		MXJ-HA2512M	Below 46.4 kW	
MCU Kits		MCU-S2NEK1N	Below 2 indoor units	DVM S HR
		MCU-S4NEE1N	Below 4 indoor units	
		MCU-S4NEE2N	Below 4 indoor units For including the indoor unit of capacity range 11.2 ~ 28.0kW	
		MCU-S6NEE1N	Below 6 indoor units	
EEV Kits		MXD-E24K132A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (1Room)	DVM S
		MXD-E24K200A	Below 3.6 kW (2 Rooms)	
		MXD-E32K200A	5.6 kW ~ 9.0 kW (2Rooms)	
		MXD-E24K232A	Below 3.6 kW (2 Rooms) + 5.6 kW ~ 9.0 kW (1Room)	DVM S
		MXD-E24K300A	Below 3.6 kW (3 Rooms)	
		MXD-E32K224A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (2Rooms)	
		MXD-E32K300A	5.6 kW ~ 9.0 kW (3Rooms)	
Anti-Corrosion Spray		MEV-E24SA	Below 3.6 kW (1 Room)	DVM S
		MEV-E32SA	5.6 kW ~ 9.0 kW (1Room)	
Anti-Corrosion Spray		MOK-220SA	R-Pro	