

SYSTEM AIR CONDITIONERS

SAMSUNG

SYSTEM AIR CONDITIONERS

LATIN AMERICA Catalogue

60Hz

Samsung Electronics Co. Ltd.

Head Office(Suwon Korea)
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SAMSUNG



DVM System

CAC System

FJM System

Control System

DVM System

SINGLE System

FJM System

Control System

Image							
Module	Single	7.5HP	10HP	12.5HP	15HP	17.5HP	20HP
		AM072FXVAFR2AA	AM096FXVAFR2AA	AM120FXVAFR2AA	AM144FXVAFR2AA	AM168HXVAFR2AA	AM192HXVAFR2AA
7.5HP	AM072FXVAFR2AA	1					
10HP	AM096FXVAFR2AA		1				
12.5HP	AM120FXVAFR2AA			1			
15HP	AM144FXVAFR2AA				1		
17.5HP	AM168HXVAFR2AA					1	
20HP	AM192HXVAFR2AA						1
22.5HP	AM216JXVAFR2AA	1			1		
25HP	AM240JXVAFR2AA	1				1	
27.5HP	AM264JXVAFR2AA	1					1
30HP	AM288JXVAFR2AA				2		
32.5HP	AM312JXVAFR2AA				1	1	
35HP	AM336JXVAFR2AA					2	
37.5HP	AM360JXVAFR2AA					1	1
40HP	AM384JXVAFR2AA						2
42.5HP	AM408JXVAFR2AA	1			1		1
45HP	AM432JXVAFR2AA				3		
47.5HP	AM456JXVAFR2AA			1		2	
50HP	AM480JXVAFR2AA				1	2	
52.5HP	AM504JXVAFR2AA					3	
55HP	AM528JXVAFR2AA					2	1

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

Image							
Module	Single	7.5HP	10HP	12.5HP	15HP	17.5HP	20HP
		AM072FXVAJR2AA	AM096FXVAJR2AA	AM120FXVAJR2AA	AM144FXVAJR2AA	AM168HXVAJR2AA	AM192HXVAJR2AA
7.5HP	AM072FXVAJR2AA	1					
10HP	AM096FXVAJR2AA		1				
12.5HP	AM120FXVAJR2AA			1			
15HP	AM144FXVAJR2AA				1		
17.5HP	AM168HXVAJR2AA					1	
20HP	AM192HXVAJR2AA						1
22.5HP	AM216JXVAJR2AA	1			1		
25HP	AM240JXVAJR2AA	1				1	
27.5HP	AM264JXVAJR2AA	1					1
30HP	AM288JXVAJR2AA				2		
32.5HP	AM312JXVAJR2AA				1	1	
35HP	AM336JXVAJR2AA					2	
37.5HP	AM360JXVAJR2AA					1	1
40HP	AM384JXVAJR2AA						2
42.5HP	AM408JXVAJR2AA	1			1		1
45HP	AM432JXVAJR2AA				3		
47.5HP	AM456JXVAJR2AA			1		2	
50HP	AM480JXVAJR2AA					2	
52.5HP	AM504JXVAJR2AA				1	3	
55HP	AM528JXVAJR2AA					2	1

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

Image							
Module	Single	7.5HP	10HP	12.5HP	15HP	17.5HP	20HP
		AM072FXVAFH2AA	AM096FXVAFH2AA	AM120FXVAFH2AA	AM144FXVAFH2AA	AM168HXVAFH2AA	AM192HXVAFH2AA
7.5HP	AM072FXVAFH2AA	1					
10HP	AM096FXVAFH2AA		1				
12.5HP	AM120FXVAFH2AA			1			
15HP	AM144FXVAFH2AA				1		
17.5HP	AM168HXVAFH2AA					1	
20HP	AM192HXVAFH2AA						1
22.5HP	AM216JXVAFH2AA	1			1		
25HP	AM240JXVAFH2AA	1				1	
27.5HP	AM264JXVAFH2AA	1					1
30HP	AM288JXVAFH2AA				2		
32.5HP	AM312JXVAFH2AA				1	1	
35HP	AM336JXVAFH2AA					2	
37.5HP	AM360JXVAFH2AA					1	1
40HP	AM384JXVAFH2AA						2
42.5HP	AM408JXVAFH2AA	1			1		1
45HP	AM432JXVAFH2AA				3		
47.5HP	AM456JXVAFH2AA			1		2	
50HP	AM480JXVAFH2AA					2	
52.5HP	AM504JXVAFH2AA				1	3	
55HP	AM528JXVAFH2AA					2	1

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

Image								
Module	Single	8HP	10HP	12HP	14HP	16HP	18HP	20HP
		AM080JXVAFH/AZ	AM100JXVAFH/AZ	AM120JXVAFH/AZ	AM140JXVAFH/AZ	AM160JXVAFH/AZ	AM180JXVAFH/AZ	AM200JXVAFH/AZ
8HP	AM080JXVAFH/AZ	1						
10HP	AM100JXVAFH/AZ		1					
12HP	AM120JXVAFH/AZ			1				
14HP	AM140JXVAFH/AZ				1			
16HP	AM160JXVAFH/AZ					1		
18HP	AM180JXVAFH/AZ						1	
20HP	AM200JXVAFH/AZ							1
22HP	AM220JXVAFH/AZ		1	1				
24HP	AM240JXVAFH/AZ			2				
26HP	AM260JXVAFH/AZ			1	1			
28HP	AM280JXVAFH/AZ			1		1		
30HP	AM300JXVAFH/AZ			1			1	
32HP	AM320JXVAFH/AZ			1				1
34HP	AM340JXVAFH/AZ				1			1
36HP	AM360JXVAFH/AZ					1		1
38HP	AM380JXVAFH/AZ						1	1
40HP	AM400JXVAFH/AZ							2
42HP	AM420JXVAFH/AZ		1	1				1
44HP	AM440JXVAFH/AZ			2				1
46HP	AM460JXVAFH/AZ			1	1			1
48HP	AM480JXVAFH/AZ			1		1		1
50HP	AM500JXVAFH/AZ			1			1	1
52HP	AM520JXVAFH/AZ			1				1
54HP	AM540JXVAFH/AZ				1			2
56HP	AM560JXVAFH/AZ					1		2
58HP	AM580JXVAFH/AZ						1	2
60HP	AM600JXVAFH/AZ							3
62HP	AM620JXVAFH/AZ		1	1				2
64HP	AM640JXVAFH/AZ			2				2
66HP	AM660JXVAFH/AZ			1	1			2
68HP	AM680JXVAFH/AZ			1		1		2
70HP	AM700JXVAFH/AZ			1			1	2
72HP	AM720JXVAFH/AZ			1				3
74HP	AM740JXVAFH/AZ				1			3
76HP	AM760JXVAFH/AZ					1		3
78HP	AM780JXVAFH/AZ						1	3
80HP	AM800JXVAFH/AZ							4

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

DVMS HP (380V) STANDARD VALUE-UP

Image												
	Module	Single	8HP	10HP	12HP	14HP	16HP	18HP	20HP	22HP		
			AM080KXVGHH/TC	AM100KXVGHH/TC	AM120KXVGHH/TC	AM140KXVGHH/TC	AM160KXVGHH/TC	AM180KXVGHH/TC	AM200KXVGHH/TC	AM220KXVGHH/TC		
8HP	AM080KXVGHH/TC		1									
10HP	AM100KXVGHH/TC			1								
12HP	AM120KXVGHH/TC				1							
14HP	AM140KXVGHH/TC					1						
16HP	AM160KXVGHH/TC						1					
18HP	AM180KXVGHH/TC							1				
20HP	AM200KXVGHH/TC								1			
22HP	AM220KXVGHH/TC									1		
24HP	AM240KXVGHH/TC				2							
26HP	AM260KXVGHH/TC				1	1						
28HP	AM280KXVGHH/TC				1		1					
30HP	AM300KXVGHH/TC				1			1				
32HP	AM320KXVGHH/TC				1				1			
34HP	AM340KXVGHH/TC				1						1	
36HP	AM360KXVGHH/TC					1					1	
38HP	AM380KXVGHH/TC						1				1	
40HP	AM400KXVGHH/TC							2				
42HP	AM420KXVGHH/TC							1			1	
44HP	AM440KXVGHH/TC										2	
46HP	AM460KXVGHH/TC				2						1	
48HP	AM480KXVGHH/TC				1	1					1	
50HP	AM500KXVGHH/TC				1		1				1	
52HP	AM520KXVGHH/TC				1			1			1	
54HP	AM540KXVGHH/TC				1				1		1	
56HP	AM560KXVGHH/TC				1						2	
58HP	AM580KXVGHH/TC					1					2	
60HP	AM600KXVGHH/TC						1				2	
62HP	AM620KXVGHH/TC										1	
64HP	AM640KXVGHH/TC							2			1	
66HP	AM660KXVGHH/TC							1			2	
68HP	AM680KXVGHH/TC				2						3	
70HP	AM700KXVGHH/TC				1	1					2	
72HP	AM720KXVGHH/TC				1		1				2	
74HP	AM740KXVGHH/TC				1			1			2	
76HP	AM760KXVGHH/TC				1				1		2	
78HP	AM780KXVGHH/TC				1						3	
80HP	AM800KXVGHH/TC					1					3	
82HP	AM820KXVGHH/TC						1				3	
84HP	AM840KXVGHH/TC							1			3	
86HP	AM860KXVGHH/TC								1		3	
88HP	AM880KXVGHH/TC										4	

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

DVMS HP (380V) ENTRY

Image														
	Module	Single	8HP	10HP	12HP	14HP	16HP	18HP	20HP	22HP	24HP	26HP	28HP	30HP
			AM080JXVANH/TL	AM100JXVANH/TL	AM120JXVANH/TL	AM140JXVANH/TL	AM160JXVANH/TL	AM180JXVANH/TL	AM200JXVANH/TL	AM220JXVANH/TL	AM240KXVANH/TL	AM260KXVANH/TL	AM280KXVANH/TL	AM300KXVANH/TL
8HP	AM080JXVANH/TL		1											
10HP	AM100JXVANH/TL			1										
12HP	AM120JXVANH/TL				1									
14HP	AM140JXVANH/TL					1								
16HP	AM160JXVANH/TL						1							
18HP	AM180JXVANH/TL							1						
20HP	AM200JXVANH/TL								1					
22HP	AM220JXVANH/TL									1				
24HP	AM240KXVANH/TL										1			
26HP	AM260KXVANH/TL											1		
28HP	AM280KXVANH/TL												1	
30HP	AM300KXVANH/TL													1
32HP	AM320KXVANH/TL									1				
34HP	AM340KXVANH/TL										1			
36HP	AM360KXVANH/TL											1		
38HP	AM380KXVANH/TL												1	
40HP	AM400KXVANH/TL													1
42HP	AM420KXVANH/TL													
44HP	AM440KXVANH/TL													
46HP	AM460KXVANH/TL													1
48HP	AM480KXVANH/TL													1
50HP	AM500KXVANH/TL													1
52HP	AM520KXVANH/TL													1
54HP	AM540KXVANH/TL													1
56HP	AM560KXVANH/TL													1
58HP	AM580KXVANH/TL													1
60HP	AM600KXVANH/TL													2
62HP	AM620KXVANH/TL													1
64HP	AM640KXVANH/TL													1
66HP	AM660KXVANH/TL													1
68HP	AM680KXVANH/TL													1
70HP	AM700KXVANH/TL													1
72HP	AM720KXVANH/TL													1
74HP	AM740KXVANH/TL													1
76HP	AM760KXVANH/TL													1
78HP	AM780KXVANH/TL													1
80HP	AM800KXVANH/TL													1
82HP	AM820KXVANH/TL													2
84HP	AM840KXVANH/TL													2
86HP	AM860KXVANH/TL													2
88HP	AM880KXVANH/TL													2
90HP	AM900KXVANH/TL													3

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

Image								
Module	Single	7.5HP	10HP	12.5HP	15HP	17.5HP	20HP	22.5HP
		AM072FXVAJH2AA	AM096FXVAJH2AA	AM120FXVAJH2AA	AM144FXVAJH2AA	AM168HXVAJH2AA	AM192HXVAJH2AA	AM216KXVGJH/AA
7.5HP	AM072FXVAJH2AA	1						
10HP	AM096FXVAJH2AA		1					
12.5HP	AM120FXVAJH2AA			1				
15HP	AM144FXVAJH2AA				1			
17.5HP	AM168HXVAJH2AA					1		
20HP	AM192HXVAJH2AA						1	
22.5HP	AM216JXVAJH2AA	1			1			
25HP	AM240JXVAJH2AA	1				1		
27.5HP	AM264JXVAJH2AA	1					1	
30HP	AM288JXVAJH2AA				2			
32.5HP	AM312JXVAJH2AA				1	1		
35HP	AM336JXVAJH2AA					2		
37.5HP	AM360JXVAJH2AA					1	1	
40HP	AM384JXVAJH2AA						2	
42.5HP	AM408JXVAJH2AA	1			1		1	
	AM408KXVGJH/AA						1	1
45HP	AM408JXVAJH2AA				3			
	AM408KXVGJH/AA							2
47.5HP	AM456JXVAJH2AA			1		2		
50HP	AM480JXVAJH2AA					2		
52.5HP	AM504JXVAJH2AA				1	3		
55HP	AM528JXVAJH2AA					2	1	

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

Image									
Module	Single	8HP	10HP	12HP	14HP	16HP	18HP	20HP	22HP
		AM080JXVAJH/AZ	AM100JXVAJH/AZ	AM120JXVAJH/AZ	AM140JXVAJH/AZ	AM160JXVAJH/AZ	AM180JXVAJH/AZ	AM200JXVAJH/AZ	AM220JXVAJH/AZ
8HP	AM080JXVAJH/AZ	1							
10HP	AM100JXVAJH/AZ		1						
12HP	AM120JXVAJH/AZ			1					
14HP	AM140JXVAJH/AZ				1				
16HP	AM160JXVAJH/AZ					1			
18HP	AM180JXVAJH/AZ						1		
20HP	AM200JXVAJH/AZ							1	
22HP	AM220JXVAJH/AZ								1
24HP	AM240JXVAJH/AZ			2					
26HP	AM260JXVAJH/AZ			1	1				
28HP	AM280JXVAJH/AZ			1		1			
30HP	AM300JXVAJH/AZ			1			1		
32HP	AM320JXVAJH/AZ			1				1	
34HP	AM340JXVAJH/AZ			1					1
36HP	AM360JXVAJH/AZ				1				1
38HP	AM380JXVAJH/AZ					1			1
40HP	AM400JXVAJH/AZ							2	
42HP	AM420JXVAJH/AZ							1	1
44HP	AM440JXVAJH/AZ								2
46HP	AM460JXVAJH/AZ			2					1
48HP	AM480JXVAJH/AZ			1	1				1
50HP	AM500JXVAJH/AZ			1		1			1
52HP	AM520JXVAJH/AZ			1			1		1
54HP	AM540JXVAJH/AZ			1				1	1
56HP	AM560JXVAJH/AZ			1					2
58HP	AM580JXVAJH/AZ				1				2
60HP	AM600JXVAJH/AZ					1			2
62HP	AM620JXVAJH/AZ							2	1
64HP	AM640JXVAJH/AZ							1	2
66HP	AM660JXVAJH/AZ								3
68HP	AM680JXVAJH/AZ			2					2
70HP	AM700JXVAJH/AZ			1	1				2
72HP	AM720JXVAJH/AZ			1		1			2
74HP	AM740JXVAJH/AZ			1			1		2
76HP	AM760JXVAJH/AZ			1				1	2
78HP	AM780JXVAJH/AZ			1					3
80HP	AM800JXVAJH/AZ				1				3

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

DVM S CO (220V) STANDARD

Image								
		8HP	10HP	12HP	14HP	16HP	18HP	20HP
Module	Single	AM080MXVAF/AZ	AM100MXVAF/AZ	AM120MXVAF/AZ	AM140MXVAF/AZ	AM160MXVAF/AZ	AM180MXVAF/AZ	AM200MXVAF/AZ
		8HP	AM080MXVAF/AZ	1				
10HP	AM100MXVAF/AZ		1					
12HP	AM120MXVAF/AZ			1				
14HP	AM140MXVAF/AZ				1			
16HP	AM160MXVAF/AZ					1		
18HP	AM180MXVAF/AZ						1	
20HP	AM200MXVAF/AZ							1
22HP	AM220MXVAF/AZ		1	1				
24HP	AM240MXVAF/AZ			2				
26HP	AM260MXVAF/AZ			1	1			
28HP	AM280MXVAF/AZ			1		1		
30HP	AM300MXVAF/AZ			1			1	
32HP	AM320MXVAF/AZ			1				1
34HP	AM340MXVAF/AZ				1			1
36HP	AM360MXVAF/AZ					1		1
38HP	AM380MXVAF/AZ						1	1
40HP	AM400MXVAF/AZ							2
42HP	AM420MXVAF/AZ		1	1				1
44HP	AM440MXVAF/AZ			2				1
46HP	AM460MXVAF/AZ			1	1			1
48HP	AM480MXVAF/AZ			1		1		1
50HP	AM500MXVAF/AZ			1			1	1
52HP	AM520MXVAF/AZ			1				1
54HP	AM540MXVAF/AZ				1			2
56HP	AM560MXVAF/AZ					1		2
58HP	AM580MXVAF/AZ						1	2
60HP	AM600MXVAF/AZ							3
62HP	AM620MXVAF/AZ		1	1				2
64HP	AM640MXVAF/AZ			2				2
66HP	AM660MXVAF/AZ			1	1			2
68HP	AM680MXVAF/AZ			1		1		2
70HP	AM700MXVAF/AZ			1			1	2
72HP	AM720MXVAF/AZ			1				3
74HP	AM740MXVAF/AZ				1			3
76HP	AM760MXVAF/AZ					1		3
78HP	AM780MXVAF/AZ						1	3
80HP	AM800MXVAF/AZ							4

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

DVM S CO (220V) ANTI CORROSION

Image								
		8HP	10HP	12HP	14HP	16HP	18HP	20HP
Module	Single	AM080MXVAFCAAZ	AM100MXVAFCAAZ	AM120MXVAFCAAZ	AM140MXVAFCAAZ	AM160MXVAFCAAZ	AM180MXVAFCAAZ	AM200MXVAFCAAZ
		8HP	AM080MXVAFCAAZ	1				
10HP	AM100MXVAFCAAZ		1					
12HP	AM120MXVAFCAAZ			1				
14HP	AM140MXVAFCAAZ				1			
16HP	AM160MXVAFCAAZ					1		
18HP	AM180MXVAFCAAZ						1	
20HP	AM200MXVAFCAAZ							1
22HP	AM220MXVAFCAAZ		1	1				
24HP	AM240MXVAFCAAZ			2				
26HP	AM260MXVAFCAAZ			1	1			
28HP	AM280MXVAFCAAZ			1		1		
30HP	AM300MXVAFCAAZ			1			1	
32HP	AM320MXVAFCAAZ			1				1
34HP	AM340MXVAFCAAZ				1			1
36HP	AM360MXVAFCAAZ					1		1
38HP	AM380MXVAFCAAZ						1	1
40HP	AM400MXVAFCAAZ							2
42HP	AM420MXVAFCAAZ		1	1				1
44HP	AM440MXVAFCAAZ			2				1
46HP	AM460MXVAFCAAZ			1	1			1
48HP	AM480MXVAFCAAZ			1		1		1
50HP	AM500MXVAFCAAZ			1			1	1
52HP	AM520MXVAFCAAZ			1				1
54HP	AM540MXVAFCAAZ				1			2
56HP	AM560MXVAFCAAZ					1		2
58HP	AM580MXVAFCAAZ						1	2
60HP	AM600MXVAFCAAZ							3
62HP	AM620MXVAFCAAZ		1	1				2
64HP	AM640MXVAFCAAZ			2				2
66HP	AM660MXVAFCAAZ			1	1			2
68HP	AM680MXVAFCAAZ			1		1		2
70HP	AM700MXVAFCAAZ			1			1	2
72HP	AM720MXVAFCAAZ			1				3
74HP	AM740MXVAFCAAZ				1			3
76HP	AM760MXVAFCAAZ					1		3
78HP	AM780MXVAFCAAZ						1	3
80HP	AM800MXVAFCAAZ							4

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

DVM S WATER SMALL (220V)				Capacity (Ton)							
System Model				3	4	5	6	8	10	16	20
IMAGE	MODEL	No. of Modules	Capa. (Ton)								
	AM038KXWDCH/AA	1	3	1							
	AM048KXWDCH/AA	1	4		1						
	AM055KXWDCH/AA	1	5			1					

DVM S WATER ENERGY EFFICIENCY TYPE				Capacity (Ton)							
System Model				3	4	5	6	8	10	16	20
IMAGE	MODEL	No. of Modules	Capa. (Ton)								
	AM072HXWA*R	1	6				1				
	AM096HXWA*R	1	8					1			
	AM120HXWA*R	1	10						1		
	AM144HXWA*R2	2	12				2				
	AM168HXWA*R2	2	14				1	1			
	AM192HXWA*R	1	16								1
	AM216HXWA*R2	2	18					1	1		
	AM240HXWA*R2	2	20						2		
	AM264HXWA*R2	2	22				1				1
	AM288HXWA*R2	2	24					1			1
	AM312HXWA*R2	2	26						1		1
	AM336HXWA*R2	3	28				2				1
	AM360HXWA*R2	3	30				1	1			1
	AM384HXWA*R2	2	32								2
	AM408HXWA*R2	3	34					1	1		1
	AM432HXWA*R2	3	36						2		1
	AM456HXWA*R2	3	38				1				2
	AM480HXWA*R2	3	40					1			2
	AM504HXWA*R2	3	42						1		2
	AM576HXWA*R2	3	48								3

DVM S WATER COMPACT TYPE				Capacity (Ton)							
System Model				3	4	5	6	8	10	16	20
IMAGE	MODEL	No. of Modules	Capa. (Ton)								
	AM240KXWA*R	1	20								1
	AM321KXWA*R1	2	26				1				1
	AM336KXWA*R1	2	28					1			1
	AM360KXWA*R1	2	30						1		1
	AM408KXWA*R1	3	34				1	1			1
	AM432KXWA*R1	3	36				1		1		1
	AM456KXWA*R1	3	38					1	1		1
	AM480KXWA*R1	2	40								2
	AM528KXWA*R1	3	44					1		1	1
	AM552KXWA*R1	3	46				1				2
	AM576KXWA*R1	3	48					1			2
	AM600KXWA*R1	3	50							1	2

DVMS ECO CO

IMAGE	Type	MODEL	CAPACITY	
			HP	Ton
	220V STANDARD	AM040HXMDBC/TC	4	3
		AM050HXMDBC/TC	5	4
		AM060HXMDBC/TC	6	5
	220V ANTI CORROSION	AM040MXMKKC/EA	4	3
		AM050MXMKKC/EA	5	4
		AM060MXMKKC/EA	6	5
	380V STANDARD	AM080FXMDGC/EA	8	6.5

DVMS ECO HP

IMAGE	Type	MODEL	CAPACITY	
			HP	Ton
	220V AHRI	AM036FXMDCH/AA	4	3
		AM048FXMDCH/AA	5	4
		AM053FXMDCH/AA	5	4
		AM060MXMDCH/AA	6	5
		AM080KXMDFH/TC	8	6.5
	220V BIG	AM100KXMDFH/TC	10	8
		AM120KXMDFH/TC	12	9.5
		AM040KXMDCH/AZ	4	3
	220V1 FAN	AM050KXMDCH/AZ	5	4
		AM100KXMDHH/TC	10	8
	380V BIG	AM120KXMDHH/TC	12	9.5
		AM140KXMDHH/TC	14	11.5

DVM Chiller (380V)

IMAGE	CAPACITY	HP	20	25
		Ton	16	18
		15	20	25
		12	16	18
		AG042KSVANH/EU	AG056KSVANH/EU	AG070KSVANH/EU
		●	●	●

DVM Chiller AHRI (220V,460V)

IMAGE	CAPACITY	HP	18	12	18	
		Ton	10	15	10	15
		V	220v		460v	
		AG010KSVAFH/AA	AG015KSVAFH/AA	AG010KSVAJH/AA	AG015KSVAJH/AA	
		●	●	●	●	

DVMS LINE UP & FEATURE _Indoor Units





CASSETTE										
MODEL										
CAPACITY (kW)	kW	KBtu/h	Wind-Free 1WAY	1Way	2Way	Wind-Free 4WAY(600x600)	4Way CST (600x600)	Wind-Free 4WAY	4Way CST	360Cassette
	1.5	5								
	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					●	●	●	●	●


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


WALL-MOUNTED						
MODEL						
CAPACITY	kW	KBtu/h	Boracay	Boracay -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		●	●	●	●

DUCT									
MODEL									
CAPACITY	kW	KBtu/h	LSP		MSP		HSP		HSP (Big Duct)
	2.2	7.5	●	●	●				
	2.8	9.5	●	●	●				
	3.5/3.6	12/12.3	●	●				●	
	5.3/5.6	18/19.1	●	●				●	
	7/7.1	24/24.2	●	●				●	
	8.8/9	30/30.7	●	●				●	
	10.6	36	●	●				●	
	11.2	38.2						●	
	12.8	43.7						●	
	14/14.1	47.8/48	●	●				●	
	15.9	54							●
	18	61.4							●
	22.4/22.5	76.4/76.8					●		●
28.1	96					●		●	
FEATURES	Pre Filter		●	●	●	●			●
	Easy Filter Cleaning		●	●	●	●			●
	High Lift-up Drain Pump (Optional)		Optional	Included	Optional	Included	Optional	Included	Optional
	Smart Pressure Control		●	●	●	●	●	●	●




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


FAN COIL UNIT			
MODEL			
CAPACITY (kW)	kW	4Way CST	360Cassette
	6	●	●
	7.2	●	●
	9	●	●
	10	●	●

HYDRO UNIT			
MODEL			
CAPACITY (Heating)	kW	KBtu/h	HE
	16	54.6	●
	31.5	107.5	●
	50.4	172	●

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

ERV PLUS			
MODEL			
CAPACITY	kW	KBtu/h	
	4	13.6	●
	8	27.3	●

FLOOR STANDING					
MODEL					
CAPACITY	kW	KBtu/h	Concealed	Exposed	PAC
	1.8	6	●	●	
	2.8	9.5	●	●	
	3.5	12	●	●	
	5.3	18	●	●	
	7	24	●	●	
	14.1	48			●
28.1	96			●	

Multi Position AHU			
MODEL			
CAPACITY	kW	KBtu/h	
	10.55	36	●
	14.07	48	●
	17.58	60	●

DVMS SPECIFICATION _Outdoor Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HR (220V) AHRI				AM072FXVAFR2AA	AM096FXVAFR2AA	AM120FXVAFR2AA	AM144FXVAFR2AA	AM168HXVAFR2AA	AM192HXVAFR2AA	
Model Code				AM072FXVAFR2AA	AM096FXVAFR2AA	AM120FXVAFR2AA	AM144FXVAFR2AA	AM168HXVAFR2AA	AM192HXVAFR2AA	
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 RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	
Performance	HP	Ton	Cooling	7.50	8.00	10.00	12.00	14.00	16.00	
				21.10	28.13	35.17	42.20	49.24	56.27	
	Capacity (Nominal)		Heating	Btu/h	96,000	120,000	144,000	168,000	192,000	
				kW	23.74	31.65	39.56	47.48	55.39	63.30
				Btu/h	81,000	108,000	135,000	162,000	189,000	216,000
Power	Power Input (Nominal)	kW	Cooling ¹⁾	4.34	5.64	8.10	10.79	13.86	16.44	
			Heating ²⁾	4.80	6.28	8.92	11.14	13.64	16.33	
	Current Input (Nominal)	A	Cooling ¹⁾	11.84	15.39	22.10	29.44	37.82	44.86	
			Heating ²⁾	13.10	17.13	24.34	30.40	37.22	44.56	
	MCA			28.00 (MCA)	37.80 (MCA)	43.00 (MCA)	52.60 (MCA)	66.00 (MCA)	73.00 (MCA)	
MFA			35.00	50.00	50.00	70.00	80.00	90.00		
COP			Nominal Cooling ¹⁾	4.86	4.99	4.34	3.91	3.55	3.42	
			Nominal Heating ²⁾	4.95	5.04	4.44	4.26	4.06	3.88	
Compressor	Type			SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	
	Output	kW x n		(5.09)	(5.09x2)	(5.09x2)	(5.09x2)	(5.09x2)	(6.45x2)	
	Model Name			DS-GB052FBVASG x1	DS-GB052FBVASG x2	DS-GB052FBVASG x2	DS-GB052FBVASG x2	DS-GB052FBVASG x2	DS4GJ5066EVASG x2	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc		1100	2200	2200	2200	2200	2200	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W		630.0 x1	620.0 x2	620.0 x2	620.0 x2	620.0 x2	620.0 x2	
	Air Flow Rate	CMM		205	260	260	270	310	310	
	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		9.52	9.52	12.70	12.70	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		15.88	19.05	22.22	22.22	22.22	28.58	
		Φ, inch		5/8"	3/4"	7/8"	7/8"	7/8"	1 1/8"	
	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		AWG	AWG	AWG	AWG	AWG	AWG	
	Transmission Cable	mm ²		AWG	AWG	AWG	AWG	AWG	AWG	
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg		5.50	7.40	7.40	8.70	11.00	11.00	
Sound ³⁾	Sound Pressure	dB(A)		60.0	61.0	62.0	63.0	64.0	64.0	
				77.0	81.0	83.0	85.0	86.0	86.0	
				189.5	286.8	302.8	328.0	336.2	336.2	
External Dimension	Shipping Weight	kg		205.5	305.8	305.8	321.8	345.0	353.2	
			Net Dimensions (WxHxD)	mm		880 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765
				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
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	

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* If you wish to install an outdoor unit module with a capacity of over 62 HR, 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.)

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DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
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- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation

DVM S HR (220V) AHRI				AM216JXVAFR2AA	AM240JXVAFR2AA	AM264JXVAFR2AA	AM288JXVAFR2AA	AM312JXVAFR2AA	AM336JXVAFR2AA	AM360JXVAFR2AA	
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 RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	
Performance	HP	HP	22.50	25.00	27.50	30.00	32.50	35.00	37.50	40.00	
	Ton	Ton	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	
	Capacity (Nominal)	Cooling	kW	63.30	70.34	77.37	84.40	91.44	98.48	105.51	112.55
			Btu/h	216,000	240,000	264,000	288,000	312,000	336,000	360,000	384,000
			kW	71.22	79.13	87.04	94.96	102.87	110.78	118.69	126.60
	Heating	Btu/h	243,000	270,000	297,000	324,000	351,000	378,000	405,000		
Power	Power Input (Nominal)	Cooling ¹⁾	15.13	18.20	20.78	21.58	24.65	27.72	30.30	33.30	
		Heating ²⁾	15.94	18.44	21.13	22.28	24.78	27.28	29.77	32.27	
	Current Input (Nominal)	Cooling ¹⁾	41.28	49.66	56.70	58.88	67.26	75.63	82.67	89.71	
		Heating ²⁾	43.49	50.31	57.65	60.79	69.61	78.43	85.47	92.51	
	MCA		80.60 (MCA)	94.00 (MCA)	101.00 (MCA)	105.20 (MCA)	118.60 (MCA)	132.00 (MCA)	139.00 (MCA)	152.40 (MCA)	
MFA	A	105.00	115.00	125.00	140.00	150.00	160.00	175.00	185.00		
COP	Nominal Cooling ¹⁾		4.19	3.87	3.72	3.91	3.71	3.55	3.48	3.48	
	Nominal Heating ²⁾		4.47	4.29	4.12	4.26	4.15	4.06	3.96	3.96	
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	
	Output	kW x n	(5.09) + (5.09x2)	(5.09) + (5.09x2)	(5.09) + (6.45 x 2)	(5.09x2)x2	(5.09x2) + (5.09x2)	(5.09x2)x2	(5.09x2)x2	(5.09x2) + (6.45 x 2)	
	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 4	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 2	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	3300	3300	3300	4400	4400	4400	4400	4400	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	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	CMM	205 + 270	205 + 310	270 + 310	270 x 2	270 + 310	310 x 2	310 x 2	310 x 2	
	External Static Pressure	Max. mmAq	8.00	8.00	8.00	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	19.05	19.05	
		Φ, inch	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
		Φ, mm	28.58	28.58	34.92	34.92	34.92	34.92	34.92	34.92	
	Gas Pipe	Φ, inch	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
		Φ, mm	28.58	28.58	28.58	28.58	28.58	28.58	28.58	28.58	
		Φ, inch	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
	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	14.20	16.50	16.50	17.40	19.70	22.00	22.00		
Sound ³⁾	Sound Pressure	dB(A)	64.0	65.0	65.0	65.0	66.0	66.0	66.0		
	Sound Power	dB(A)	84.0	86.0	87.0	86.0	87.0	88.0	87.0		
External Dimension	Net Weight	kg	189.5 + 302.8	189.5 + 328.0	189.5 + 336.2	302.8 x 2	302.8 + 328.0	328.0 x 2	328.0 + 336.2		
	Shipping Weight	kg	205.5 + 321.8	205.5 + 345.0	205.5 + 321.8	321.8 x 2	321.8 + 345.0	345.0 x 2	345.0 + 353.2		
	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	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	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	-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		

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 * 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 Units



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- DDI(Dual Digital Inverter)
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DVM S HR (220V) AHRI				AM384JXVAFR2AA	AM408JXVAFR2AA	AM432JXVAFR2AA	AM456JXVAFR2AA	AM480JXVAFR2AA	AM504JXVAFR2AA	AM528JXVAFR2AA	
Model Code				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	
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	Ton	Cooling	40.00	42.50	45.00	47.50	50.00	52.50	55.00	
				32.00	34.00	36.00	38.00	40.00	42.00	44.00	
	Capacity (Nominal)	kW	Btu/h	112.54	119.57	126.60	133.65	140.68	147.72	154.75	
				384,000	408,000	432,000	456,000	480,000	504,000	528,000	
Power	Power Input (Nominal)	kW	Cooling ¹⁾	32.88	31.57	32.37	35.82	38.51	41.58	44.16	
				32.66	32.27	33.42	36.20	38.42	40.92	43.61	
	Current Input (Nominal)	A	Cooling ¹⁾	89.71	86.14	88.32	97.73	105.07	113.45	120.49	
				89.11	88.05	91.19	98.77	104.83	111.65	118.99	
MCA	A	Heating ²⁾	146.00 (MCA)	153.60 (MCA)	157.80 (MCA)	175.00 (MCA)	184.60 (MCA)	198.00 (MCA)	205.00 (MCA)		
			185.00	195.00	210.00	210.00	230.00	240.00	250.00		
COP	Nominal Cooling ¹⁾	-	Heating ²⁾	3.42	3.79	3.91	3.73	3.65	3.55	3.51	
				3.88	4.17	4.26	4.15	4.12	4.06	3.99	
Compressor	Type	kW x n	-	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	
				(6.45 x 4)	(5.09) + (5.09x2) + (6.45 x 2)	(5.09x2)x3	(5.09x2) + (5.09x2)x2	(5.09x2) + (5.09x2)x2	(5.09x2)x3	(5.09x2)x2 + (6.45 x 2)	
				Model Name	DS4GJ066EVASG 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 4 + DS4GJ5066EVASG x 2
Oil	Initial Charge	cc	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
				4400	5500	6600	6600	6600	6600	6600	
Fan	Type	W	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
				(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	
	Air Flow Rate	CMM	l/s	-	310 x 2	205 + 270 + 310	270 x 3	260 + 310 x 2	270 + 310 x 2	310 x 3	310 x 3
					5,166.67 x 2	3,416.83 + 4,500.00 + 5,166.67	4,500.00 x 3	4,333.33 + 5,166.67 x 2	4,500.00 + 5,166.67 x 2	5,166.67 x 3	5,166.67 x 3
External Static Pressure	Max.	mmAq	-	8.00	8.00	8.00	8.00	8.00	8.00	8.00	
				78.45	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	
				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	
				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	41.28	34.92	34.92	34.92	34.92	34.92	
				1 3/8"	1 5/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	-	200	200	200	200	200	200	200	
				110.0	110.0	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Transmission Cable	mm ²	-	-	-	-	-	-	-	-	
				AWG	AWG	AWG	AWG	AWG	AWG	AWG	
Refrigerant	Type	kg	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
				22.00	25.20	26.10	29.40	30.70	33.00	33.00	
Sound ³⁾	Sound Pressure	dB(A)	-	67.0	67.0	67.0	67.0	67.0	68.0	68.0	
				88.0	88.0	88.0	89.0	89.0	90.0	90.0	
External Dimension	Net Weight	kg	-	336.2 x 2	189.5 + 302.8 + 336.2	302.8 x 3	286.8 + 328.0 x 2	302.8 + 328.0 x 2	328.0 x 3	328.0 x 2 + 336.2	
				Shipping Weight	353.2 x 2	205.5 + 321.8 + 353.2	321.8 x 3	305.8 + 345.0 x 2	321.8 + 345.0 x 2	345.0 x 3	345.0 x 2 + 353.2
				Net Dimensions (WxHxD)	mm	(1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(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
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	-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

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVM S HR (460V) AHRI				AM072FXVAJR2AA	AM096FXVAJR2AA	AM120FXVAJR2AA	AM144FXVAJR2AA	AM168HXVAJR2AA	AM192HXVAJR2AA	AM216JXVAJR2AA	
Model Code											
Power Supply	Φ, #, V, Hz		3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	
Mode			HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	
Performance	HP	HP	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	
	Ton	Ton	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	
	Capacity (Nominal)	Cooling	kW	21.10	28.13	35.17	42.20	49.24	56.27	63.30	70.33
			Btu/h	72,000	96,000	120,000	144,000	168,000	192,000	216,000	240,000
Power	Power Input (Nominal)	Cooling ¹⁾	4.34	6.13	8.59	10.79	13.86	16.44	19.13	21.72	
		Heating ²⁾	4.80	6.64	8.92	11.14	13.64	16.33	19.19	22.08	
	Current Input (Nominal)	Cooling ¹⁾	5.92	8.36	11.72	14.72	18.91	22.43	26.64	30.85	
		Heating ²⁾	6.55	9.06	12.17	15.20	18.61	22.28	26.59	30.80	
MCA			16.40 (MCA)	19.00 (MCA)	21.70 (MCA)	26.40 (MCA)	33.00 (MCA)	37.00 (MCA)	42.80 (MCA)	48.60 (MCA)	
	MFA	A	20.00	25.00	30.00	40.00	40.00	50.00	60.00	60.00	
COP	Nominal Cooling ¹⁾		4.86	4.59	4.09	3.91	3.55	3.42	3.19	2.96	
	Nominal Heating ²⁾		4.95	4.77	4.44	4.26	4.06	3.88	3.69	3.51	
Compressor	Type		SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x3	
	Output	kW x n	(5.18)	(6.39)	(6.39)	(5.18x2)	(5.18x2)	(6.39x2)	(6.39x2)	(5.18) + (5.18x2)	
	Model Name		DS-GB052FAVBBSG x1	DS-GB066FAVBBSG x1	DS-GB066FAVBBSG x1	DS-GB052FAVBBSG x2	DS-GB052FAVBBSG x2	DS-GB066FAVBBSG x2	DS-GB052FAVBBSG x2	DS-GB052FAVBBSG x3	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	1100	1100	1100	2200	2200	2200	2200	3300	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	630.0 x1	620.0 x2	620.0 x2	620.0 x2	620.0 x2	620.0 x2	620.0 x2	630.0 x1 + 620.0 x2	
	Air Flow Rate	CMM	205	260	260	270	310	310	310	205 + 270	
	External Static Pressure	Max.	mmAq	8.00	8.00	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	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	15.88	15.88	15.88	15.88	
		Φ, inch	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	
	Gas Pipe	Φ, mm	19.05	22.22	28.58	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"	1 1/8"	
	Discharge Gas Pipe	Φ, mm	15.88	19.05	22.22	22.22	22.22	28.58	28.58	28.58	
		Φ, inch	5/8"	3/4"	7/8"	7/8"	7/8"	7/8"	1 1/8"	1 1/8"	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	200	200	200	200	200	200	200	200	
	Max. Height	m	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire	mm ²	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	
	Transmission Cable	mm ²	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	5.50	7.40	7.40	8.70	11.00	11.00	14.20	14.20	
Sound ³⁾	Sound Pressure	dB(A)	60.0	61.0	61.0	62.0	63.0	64.0	64.0	64.0	
	Sound Power	dB(A)	77.0	81.0	81.0	83.0	85.0	86.0	84.0	84.0	
External Dimension	Net Weight	kg	196.5	248.8	248.8	311.8	329.2	337.1	337.1	196.5 + 311.8	
	Shipping Weight	kg	212.5	267.8	267.8	330.8	346.2	354.1	354.1	212.5 + 330.8	
	Net Dimensions (WxHxD)	mm	880 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	880 x1,695 x 765 + 1,295 x1,695 x 765	
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	-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	-25.0 ~ 24.0	

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 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.
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DVMS SPECIFICATION Outdoor Units



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DIGITAL VARIABLE MULTI

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

DVM S HR (460V) AHRI				AM240JXVAJR2AA	AM264JXVAJR2AA	AM288JXVAJR2AA	AM312JXVAJR2AA	AM336JXVAJR2AA	AM360JXVAJR2AA	AM384JXVAJR2AA	
Model Code											
Power Supply		Φ, #, V, Hz		3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	
Mode		-		HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	
Performance	HP	HP		25.00	27.50	32.50	35.00	37.50	40.00	40.00	
		Ton		20.00	22.00	24.00	26.00	28.00	30.00	32.00	
	Capacity (Nominal)	Cooling	kW		70.34	77.37	84.40	91.44	98.48	105.51	112.54
			Btu/h		240,000	264,000	288,000	312,000	336,000	360,000	384,000
			Heating		79.13	87.04	94.96	102.87	110.78	118.69	126.60
		Btu/h		270,000	297,000	324,000	351,000	378,000	405,000	432,000	
Power	Power Input (Nominal)	Cooling ¹⁾		18.20	20.78	21.58	24.65	27.72	30.30	32.88	
		Heating ²⁾		18.44	21.13	22.28	24.78	27.28	29.97	32.66	
	Current Input (Nominal)	Cooling ¹⁾		24.83	28.35	29.44	33.63	37.82	41.34	44.86	
		Heating ²⁾		25.16	28.83	30.40	33.81	37.22	40.89	44.56	
	MCA			49.40 (MCA)	53.40 (MCA)	52.80 (MCA)	59.40 (MCA)	66.00 (MCA)	70.00 (MCA)	74.00 (MCA)	
MFA			60.00	70.00	80.00	80.00	80.00	100.00	100.00		
COP	Nominal Cooling ¹⁾			3.87	3.72	3.91	3.71	3.55	3.48	3.42	
	Nominal Heating ²⁾			4.29	4.12	4.26	4.15	4.06	3.96	3.88	
Compressor	Type			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	
	Output			(5.18) + (5.18x2)	(5.18) + (6.39x2)	(5.18x2)x2	(5.18x2) + (5.18x2)	(5.18x2)x2	(5.18x2) + (6.39x2)	(6.39x2)x2	
	Model Name			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	DS-GB066FAVBSG x 4	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge			3300	3300	4400	4400	4400	4400	4400	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n			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			205 + 310	205 + 310	270 x 2	270 x 2	310 x 2	310 x 2	310 x 2	
	External Static Pressure	Max.		3,416.67 + 5,166.67	3,416.67 + 5,166.67	4,500.00 x 2	4,500.00 + 5,166.67	5,166.67 x 2	5,166.67 x 2	5,166.67 x 2	
Piping Connections	Liquid Pipe	Φ, mm		15.88	19.05	19.05	19.05	19.05	19.05	19.05	
		Φ, inch		5/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
	Gas Pipe	Φ, mm		28.58	34.92	34.92	34.92	34.92	41.28	41.28	
		Φ, inch		1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 5/8"	1 5/8"	
	Discharge Gas Pipe	Φ, mm		28.58	28.58	28.58	28.58	28.58	34.92	34.92	
		Φ, inch		1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	
	Oil Equalizing Pipe	Φ, mm		-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
Installation Limitation	Max. Length			200	200	200	200	200	200		
	Max. Height			110.0	110.0	110.0	110.0	110.0	110.0		
Field Wiring	Power Source Wire			-	-	-	-	-	-		
	Transmission Cable			AWG	AWG	AWG	AWG	AWG	AWG		
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging			16.50	16.50	17.40	19.70	22.00	22.00		
Sound ³⁾	Sound Pressure			65.0	65.0	65.0	66.0	66.0	67.0		
	Sound Power			86.0	87.0	86.0	87.0	88.0	87.0		
External Dimension	Net Weight			196.5 + 329.2	196.5 + 337.1	311.8 x 2	311.8 + 329.2	329.2 x 2	329.2 + 337.1	337.1 x 2	
	Shipping Weight			212.5 + 346.2	212.5 + 354.1	687.4 x 2	330.8 + 346.2	346.2 x 2	346.2 + 354.1	354.1 x 2	
	Net Dimensions (WxHxD)			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	
Operating Temp. Range	Cooling			-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			-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	

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- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
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DVMS HR (460V) AHRI				AM408JXVAJR2AA	AM432JXVAJR2AA	AM456JXVAJR2AA	AM480JXVAJR2AA	AM504JXVAJR2AA	AM528JXVAJR2AA	
Model Code										
Power Supply	Φ, #, V, Hz		3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	
Mode			HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	
Performance	HP	HP	42.50	45.00	47.50	50.00	52.50	55.00	55.00	
		Ton	34.00	36.00	38.00	40.00	42.00	44.00	44.00	
	Capacity (Nominal)	Cooling	kW	119.57	126.60	133.65	140.68	147.72	154.75	154.75
			Btu/h	408,000	432,000	456,000	480,000	504,000	528,000	528,000
			Heating	kW	134.52	142.44	150.34	158.26	166.17	174.08
		Btu/h	459,000	486,000	513,000	540,000	567,000	594,000	594,000	
Power	Power Input (Nominal)	Cooling ¹⁾	31.57	32.37	36.31	38.51	41.58	44.16	44.16	
		Heating ²⁾	32.27	33.42	36.20	38.42	40.92	43.61	43.61	
	Current Input (Nominal)	Cooling ¹⁾	43.07	44.16	49.54	52.54	56.73	60.25	60.25	
		Heating ²⁾	44.02	45.59	49.39	52.41	55.83	59.49	59.49	
	MCA		79.80 (MCA)	79.20 (MCA)	87.70 (MCA)	92.40 (MCA)	99.00 (MCA)	103.00 (MCA)	103.00 (MCA)	
MFA		110.00	120.00	110.00	120.00	120.00	130.00	130.00		
COP	Nominal Cooling ¹⁾		3.79	3.91	3.68	3.65	3.55	3.51	3.51	
	Nominal Heating ²⁾		4.17	4.26	4.15	4.12	4.06	3.99	3.99	
Compressor	Type		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	
	Output	kW x n	(5.18) + (5.18x2) + (6.39x2)	(5.18x2)x3	(6.39) + (5.18x2)x2	(5.18x2) + (5.18x2)x2	(5.18x2)x3	(5.18x2)x2 + (6.39x2)	(5.18x2)x2 + (6.39x2)	
	Model Name		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 6	DS-GB052FAVBSG x 4 + DS-GB066FAVBSG x 2		
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	5500	6600	5500	6600	6600	6600		
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n	W	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		
	Air Flow Rate	CMM	205 + 270 + 310	270 x 3	260 + 310 x 2	270 + 310 x 2	310 x 3	310 x 3		
	External Static Pressure	Max. mmAq	3,416.67 + 4,500.00 + 5,166.67	4,500.00 x 3	4,333.33 + 5,166.67 x 2	4,500.00 + 5,166.67 x 2	5,166.67 x 3	5,166.67 x 3		
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	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"		
	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	AWG	AWG	AWG	AWG	AWG	AWG		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	25.20	26.10	29.40	30.70	33.00	33.00		
Sound ³⁾	Sound Pressure	dB(A)	67.0	67.0	67.0	67.0	68.0	68.0		
	Sound Power	dB(A)	88.0	88.0	89.0	89.0	90.0	90.0		
External Dimension	Net Weight	kg	196.5 + 311.8 + 337.1	311.8 x 3	248.8 + 329.2 x 2	311.8 + 329.2 x 2	329.2 x 3	329.2 x 2 + 337.1		
	Shipping Weight	kg	212.5 + 330.8 + 354.1	330.8 x 3	267.8 + 346.2 x 2	330.8 + 346.2 x 2	346.2 x 3	346.2 x 2 + 354.1		
	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	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0		

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (220V) AHRI				AM072FXVAFH2AA	AM096FXVAFH2AA	AM120FXVAFH2AA	AM144FXVAFH2AA	AM168HXVAFH2AA	AM192HXVAFH2AA	AM216JXVAFH2AA	
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	7.50	10.00	12.50	15.00	20.00	22.50	20.00	22.50	
	Ton	Ton	6.00	8.00	10.00	12.00	14.00	16.00	16.00	18.00	
	Capacity (Nominal)	Cooling	kW	21.10	28.13	35.17	42.20	49.24	56.27	63.30	63.30
		Heating	kW	23.74	31.65	39.56	47.48	55.39	63.30	71.22	71.22
			Btu/h	81,000	108,000	135,000	162,000	189,000	216,000	243,000	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	4.34	5.64	8.10	10.79	13.86	16.44	15.13	
		Heating ²⁾	kW	4.80	6.28	8.92	11.14	13.64	16.33	15.94	
	Current Input (Nominal)	Cooling ¹⁾	A	11.84	15.39	22.10	29.44	37.82	44.86	41.28	
		Heating ²⁾	A	13.10	17.13	24.34	30.40	37.22	44.56	43.49	
	MCA		28.00 (MCA)	37.80 (MCA)	43.00 (MCA)	52.60 (MCA)	66.00 (MCA)	73.00 (MCA)	80.60 (MCA)		
	MFA		35.00	50.00	50.00	70.00	80.00	90.00	105.00		
COP	Nominal Cooling ¹⁾		4.86	4.99	4.34	3.91	3.55	3.42	4.19		
	Nominal Heating ²⁾		4.95	5.04	4.44	4.26	4.06	3.88	4.47		
Compressor	Type		SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x3	
	Output	kW x n	(5.09)	(5.09x2)	(5.09x2)	(5.09x2)	(5.09x2)	(5.09x2)	(5.09x2)	(5.09) + (5.09x2)	
	Model Name		DS-GB052FBVAVSG x1	DS-GB052FBVAVSG x2	DS-GB052FBVAVSG x2	DS-GB052FBVAVSG x2	DS-GB052FBVAVSG x2	DS-GB052FBVAVSG x2	DS4GJ5066EVAVSG x2	DS-GB052FBVAVSG x3	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	1100	2200	2200	2200	2200	2200	2200	3300	
Fan	Type		Propeller	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	630.0 x 1 + 620.0 x 2	
	Air Flow Rate	CMM	205	260	260	270	310	310	310	205 + 270	
	External Static Pressure		l/s	3,416.83	4,333.33	4,333.33	4,500.00	5,166.67	5,166.67	5,166.67	3,416.83 + 4,500.00
Max.		mmAq	8.00	8.00	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	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	15.88	15.88	15.88	15.88	
		Φ, inch	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	
	Gas Pipe	Φ, mm	19.05	22.22	28.58	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"	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	200	
	Max. Height	m	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire	mm ²	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	
	Transmission Cable	mm ²	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	5.50	7.40	7.40	8.70	11.00	11.00	14.20		
Sound ³⁾	Sound Pressure	dB(A)	60.0	61.0	61.0	62.0	63.0	64.0	64.0		
	Sound Power	dB(A)	77.0	81.0	81.0	83.0	85.0	86.0	84.0		
External Dimension	Net Weight	kg	187.5	280.8	280.8	295.8	321.0	329.2	187.5 + 295.8		
	Shipping Weight	kg	203.5	299.8	299.8	338.0	338.0	346.2	203.5 + 314.8		
	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	880 x 1,695 x 765 + 1,295 x 1,695 x 765		
	Shipping Dimensions (WxHxD)	mm	948 x 1,887 x 832	1,363 x 1,887 x 832	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		
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	-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	-25.0 ~ 24.0	

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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.)

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DVMS

DIGITAL VARIABLE MULTI

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

DVM S HP (220V) AHRI				AM240JXVAFH2AA	AM264JXVAFH2AA	AM288JXVAFH2AA	AM312JXVAFH2AA	AM336JXVAFH2AA	AM360JXVAFH2AA	AM384JXVAFH2AA	
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	25.00	27.50	32.50	37.50	40.00	40.00	40.00	40.00	
	Ton	Ton	20.00	22.00	24.00	26.00	28.00	30.00	32.00	32.00	
	Capacity (Nominal)	Cooling	kW	70.34	77.37	84.40	91.44	98.48	105.51	112.54	112.54
			Btu/h	240,000	264,000	288,000	312,000	336,000	360,000	384,000	384,000
Power	Power Input (Nominal)	Cooling ¹⁾	kW	79.13	87.04	94.96	102.87	110.78	118.69	126.60	126.60
			Btu/h	270,000	297,000	324,000	351,000	378,000	405,000	432,000	432,000
	Current Input (Nominal)	Heating ²⁾	kW	18.20	20.78	21.58	24.65	27.72	30.30	32.88	32.88
			A	18.44	21.13	22.28	24.78	27.28	29.97	32.66	32.66
MCA	MFA	Cooling ¹⁾	A	49.66	56.70	58.88	67.26	75.63	82.67	89.71	89.71
			A	50.31	57.65	60.79	67.61	74.43	81.77	89.11	89.11
COP	Nominal Cooling ¹⁾	Nominal Heating ²⁾	MCA	94.00 (MCA)	101.00 (MCA)	105.20 (MCA)	118.60 (MCA)	132.00 (MCA)	139.00 (MCA)	146.00 (MCA)	146.00 (MCA)
			A	115.00	125.00	140.00	150.00	160.00	175.00	185.00	185.00
Compressor	Type	Output	Type	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	
			kW x n	(5.09) + (5.09x2)	(5.09) + (6.45x2)	(5.09x2)x2	(5.09x2) + (5.09x2)	(5.09x2)x2	(5.09x2) + (6.45x2)	(6.45x4)	
Fan	Type	Output x n	Model Name	DS-GB052FBVAVSG x 3	DS-GB052FBVAVSG x 1 + DS4GJ5066EVAVSG x 2	DS-GB052FBVAVSG x 4	DS-GB052FBVAVSG x 4	DS-GB052FBVAVSG x 4	DS-GB052FBVAVSG x 2 + DS4GJ5066EVAVSG x 2	DS4GJ066EVAVSG x 4	
			Oil	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE
Piping Connections	Initial Charge	Air Flow Rate	Oil	3300	3300	4400	4400	4400	4400	4400	
			Type	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
External Static Pressure	Max.	mmAq	Output x n	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	
			CMM	205 + 310	205 + 310	270 x 2	270 x 2	310 x 2	310 x 2	310 x 2	310 x 2
Liquid Pipe	Φ, mm	Φ, inch	l/s	3,416.83 + 5,166.67	3,416.83 + 5,166.67	4,500.00 x 2	4,500.00 + 5,166.67	5,166.67 x 2	5,166.67 x 2	5,166.67 x 2	
			Pa	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Gas Pipe	Φ, mm	Φ, inch	Pa	78.45	78.45	78.45	78.45	78.45	78.45	78.45	78.45
			Φ, mm	15.88	19.05	19.05	19.05	19.05	19.05	19.05	19.05
Discharge Gas Pipe	Φ, mm	Φ, inch	Φ, mm	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
			Φ, mm	28.58	34.92	34.92	34.92	34.92	41.28	41.28	41.28
Oil Equalizing Pipe	Φ, mm	Φ, inch	Φ, mm	11/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
			Φ, mm	-	-	-	-	-	-	-	-
Installation Limitation	Max. Length	Max. Height	Φ, mm	-	-	-	-	-	-	-	-
			m	200	200	200	200	200	200	200	200
Field Wiring	Transmission Cable	mm ²	m	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
			mm ²	-	-	-	-	-	-	-	-
Refrigerant	Type	kg	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	
			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Sound ³⁾	Sound Pressure	dB(A)	Factory Charging	16.50	16.50	17.40	19.70	22.00	22.00	22.00	22.00
			Sound Power	65.0	65.0	65.0	66.0	66.0	66.0	67.0	67.0
External Dimension	Net Weight	kg	Sound Power	86.0	87.0	86.0	87.0	88.0	87.0	88.0	88.0
			kg	187.5 + 321.0	187.5 + 329.2	295.8 x 2	295.8 + 321.0	321.0 x 2	321.0 + 329.2	329.2 x 2	329.2 x 2
Operating Temp. Range	Cooling	°C	Shipping Weight	203.5 + 338.0	203.5 + 346.2	314.8 x 2	314.8 + 338.0	338.0 x 2	338.0 + 346.2	346.2 x 2	346.2 x 2
			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	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2
Operating Temp. Range	Heating	°C	Shipping Dimensions (WxHxD)	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	(1,363 x 1,887 x 832) x 2	
			°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	-5.0 ~ -48.0
Operating Temp. Range	Heating	°C	°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	

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 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.
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- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
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DVMS HP (220V) AHRI				AM408JXVAFH2AA	AM432JXVAFH2AA	AM456JXVAFH2AA	AM480JXVAFH2AA	AM504JXVAFH2AA	AM528JXVAFH2AA	
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	42.50	45.00	47.50	50.00	52.50	55.00		
	Ton	Ton	34.00	36.00	38.00	40.00	42.00	44.00		
	Capacity (Nominal)	Cooling	kW	119.57	126.60	133.65	140.68	147.72	154.75	
		Heating	kW	134.52	142.44	150.34	158.26	166.17	174.08	
			Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	
			408,000	432,000	456,000	480,000	504,000	528,000		
			459,000	486,000	513,000	540,000	567,000	594,000		
Power	Power Input (Nominal)	Cooling ¹⁾	31.57	32.37	35.82	38.51	41.58	44.16		
		Heating ²⁾	32.27	33.42	36.20	38.42	40.92	43.61		
	Current Input (Nominal)	Cooling ¹⁾	86.14	88.32	97.73	105.07	113.45	120.49		
		Heating ²⁾	88.05	91.19	98.77	104.83	111.65	118.99		
			kW	kW	kW	kW	kW	kW	kW	
			153.60 (MCA)	157.80 (MCA)	175.00 (MCA)	184.60 (MCA)	198.00 (MCA)	205.00 (MCA)		
			195.00	210.00	210.00	230.00	240.00	250.00		
COP	Nominal Cooling ¹⁾		3.79	3.91	3.73	3.65	3.55	3.51		
	Nominal Heating ²⁾		4.17	4.26	4.15	4.12	4.06	3.99		
Compressor	Type		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	
	Output	kW x n	(5.09) + (5.09x2) + (6.45x2)	(5.09x2)x3	(5.09x2) + (5.09x2)x2	(5.09x2) + (5.09x2)x2	(5.09x2) + (5.09x2)x2	(5.09x2)x3	(5.09x2) + (6.45x2)	
	Model Name		DS-GB052FBVAVSG x 3 + DS4GJ5066EVAVSG x 2	DS-GB052FBVAVSG x 6	DS-GB052FBVAVSG x 6	DS-GB052FBVAVSG x 6	DS-GB052FBVAVSG x 6	DS-GB052FBVAVSG x 6	DS-GB052FBVAVSG x 4 + DS4GJ5066EVAVSG x 2	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	5500	6600	6600	6600	6600	6600		
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	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	CMM	205 + 270 + 310	270 x 3	260 + 310 x 2	270 + 310 x 2	310 x 3	310 x 3	310 x 3	
	External Static Pressure	Max.	3,416.83 + 4,500.00 + 5,166.67	4,500.00 x 3	4,333.33 + 5,166.67 x 2	4,500.00 + 5,166.67 x 2	5,166.67 x 3	5,166.67 x 3	5,166.67 x 3	
			mmAq	mmAq	mmAq	mmAq	mmAq	mmAq		
			8.00	8.00	8.00	8.00	8.00	8.00		
			Pa	Pa	Pa	Pa	Pa	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	-	-	-	-	-	-	-	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-	
	Transmission Cable	mm ²	AWG	AWG	AWG	AWG	AWG	AWG		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	25.20	26.10	29.40	30.70	33.00	33.00		
Sound ³⁾	Sound Pressure	dB(A)	67.0	67.0	67.0	67.0	68.0	68.0		
	Sound Power	dB(A)	88.0	88.0	89.0	89.0	90.0	90.0		
External Dimension	Net Weight	kg	295.8 + 187.5 + 329.2	295.8 x 3	280.8 + 321.0 x 2	295.8 + 321.0 x 2	321.0 x 3	321.0 x 2 + 329.2		
	Shipping Weight	kg	314.8 + 203.5 + 346.2	314.8 x 3	299.8 + 338.0 x 2	314.8 + 338.0 x 2	338.0 x 3	338.0 x 2 + 346.2		
	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	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0		

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (220V)				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	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	Ton		8.00	10.00	12.00	14.00	16.00	18.00	20.00	
		Ton		6.37	7.96	9.55	11.38	12.79	14.33	15.92	
	Capacity (Nominal)	Cooling		kW	22.40	28.00	33.60	40.00	45.00	50.40	56.00
		Heating		Btu/h	76,400	95,500	114,600	136,500	153,500	172,000	191,100
				kW	25.20	31.50	37.80	45.00	50.40	56.70	
				Btu/h	86,000	107,500	129,000	153,500	172,000	193,500	
Power	Power Input (Nominal)	Cooling ¹⁾		kW	4.35	5.5	7.22	8.47	10.64	11.45	
		Heating ²⁾		kW	4.44	5.33	7.40	9.18	10.30	12.70	
	Current Input (Nominal)	Cooling ¹⁾		A	12.70	16.00	21.00	24.70	31.00	33.40	
		Heating ²⁾		A	12.90	15.50	21.60	26.80	30.00	37.00	
MCA				28.00 (MCA)	34.00 (MCA)	35.00 (MCA)	50.00 (MCA)	56.10 (MCA)	66.50 (MCA)	73.00 (MCA)	
MFA				40.00	50.00	50.00	63.00	63.00	75.00	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	4.90	4.89	5.45	4.96	
Compressor	Type			SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	
	Output		kW x n	(5.09)	(6.45)	(6.45)	(5.09x2)	(5.09x2)	(6.45x2)	(6.45x2)	
	Model Name			DS-GB052FBVAVSG x1	DS4GJ5066EVAVSG x1	DS4GJ5066EVAVSG x1	DS-GB052FBVAVSG x2	DS-GB052FBVAVSG x2	DS4GJ5066EVAVSG x2	DS4GJ5066EVAVSG x2	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge		cc	1100	1100	1100	2200	2200	2200	2200	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n		W	830.0 x1	830.0 x1	830.0 x1	620.0 x2	620.0 x2	620.0 x2	620.0 x2	
	Air Flow Rate		CMM	170	170	220	255	255	260	265	
	External Static Pressure		Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00	
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52	12.70	12.70	12.70	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	110.0	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	5.50	5.50	6.50	7.70	7.70	8.40	8.40	
Sound ³⁾	Sound Pressure		dB(A)	57.0	58.0	62.0	61.0	63.0	64.0	65.0	
	Sound Power		dB(A)	77.0	79.0	81.0	81.0	83.0	86.0	87.0	
External Dimension	Net Weight		kg	181.0	184.0	195.0	290.0	290.0	298.0	298.0	
	Shipping Weight		kg	197.0	200.0	211.0	298.0	298.0	317.0	317.0	
	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	

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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.

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DVMS HP (220V)

Model Code		AM220JXVAFH/AZ	AM240JXVAFH/AZ	AM260JXVAFH/AZ	AM280JXVAFH/AZ	AM300JXVAFH/AZ	AM320JXVAFH/AZ	AM340JXVAFH/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	22.00	24.00	26.00	28.00	30.00	32.00	34.00	
	Ton	17.52	19.11	20.92	22.35	23.88	25.48	27.30	
	Capacity (Nominal)	Cooling	61.60	67.20	73.60	78.60	84.00	89.60	96.00
		Heating	69.30	75.60	82.80	88.20	94.50	100.80	108.00
Power	Power Input (Nominal)	Cooling ¹⁾	12.72	14.44	15.69	17.86	17.88	18.67	19.92
		Heating ²⁾	12.73	14.80	16.58	17.70	17.80	20.10	21.88
	Current Input (Nominal)	Cooling ¹⁾	37.10	42.20	45.80	52.10	52.20	54.50	58.10
		Heating ²⁾	37.10	43.20	48.40	51.60	51.90	58.60	63.80
	MCA		69.00 (MCA)	70.00 (MCA)	85.00 (MCA)	91.10 (MCA)	101.50 (MCA)	108.00 (MCA)	123.00 (MCA)
	MFA		-	-	-	-	-	-	-
COP	Nominal Cooling ¹⁾	4.84	4.65	4.69	4.40	4.70	4.80	4.82	
	Nominal Heating ²⁾	5.44	5.11	4.99	4.98	5.31	5.01	4.94	
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 4	
	Output	(6.45x2)	(6.45x2)	(5.09x2)	(5.09x2)	(6.45x3)	(6.45x3)	(5.09x2) + (6.45x2)	
	Model Name	DS4GJ5066EVASG x 2	DS4GJ5066EVASG x 2	DS4GJ5066EVASG x 1 + DS-GB052FBVASG x 2	DS4GJ5066EVASG x 2	DS4GJ5066EVASG x 3	DS4GJ5066EVASG x 3	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 2	
Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	2200	2200	3300	3300	3300	3300	4400	
Fan	Type	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	(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	(620.0 x 2) x 2	
	Air Flow Rate	170 + 220	220 x 2	220 + 255	220 + 255	220 + 260	220 + 265	255 + 265	
	External Static Pressure	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	4,250.00 + 4,416.67	
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	200	200	200	200	200	200		
	Max. Height	110.0	110.0	110.0	110.0	110.0	110.0		
Field Wiring	Power Source Wire	-	-	-	-	-	-		
	Transmission Cable	-	-	-	-	-	-		
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	12.00	13.00	14.20	14.20	14.90	14.90		
Sound ³⁾	Sound Pressure	63.0	65.0	65.0	66.0	66.0	67.0		
	Sound Power	83.0	84.0	84.0	85.0	87.0	88.0		
External Dimension	Net Weight	184.0 + 195.0	195.0 x 2	195.0 + 290.0	195.0 + 290.0	195.0 + 298.0	195.0 + 298.0	290.0 + 298.0	
	Shipping Weight	200.0 + 211.0	211.0 x 2	211.0 + 298.0	211.0 + 298.0	211.0 + 317.0	211.0 + 317.0	298.0 + 317.0	
	Net Dimensions (WxHxD)	(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	(1,295 x 1,695 x 765) x 2	
Operating Temp. Range	Cooling	-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	-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	

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- Smart Management
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DVMS HP (220V)				AM360JXVAFH/AZ	AM380JXVAFH/AZ	AM400JXVAFH/AZ	AM420JXVAFH/AZ	AM440JXVAFH/AZ	AM460JXVAFH/AZ	AM480JXVAFH/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	36.00	40.00	42.00	46.00	48.00	46.00	48.00	48.00	
	Ton	Ton	28.72	30.26	31.85	33.44	35.03	36.85	38.28	38.28	
	Capacity (Nominal)	Cooling	kW	101.00	106.40	112.00	117.60	123.20	129.60	134.60	134.60
			Btu/h	344,600	363,100	382,200	401,300	420,400	442,200	459,300	459,300
Power	Power Input (Nominal)	Cooling ¹⁾	22.09	22.11	22.90	24.17	25.89	27.14	29.28	30.40	
		Heating ²⁾	23.00	23.10	25.40	25.43	27.50	29.28	30.40	30.40	
	Current Input (Nominal)	Cooling ¹⁾	64.40	64.50	66.80	70.50	75.60	79.20	85.50	85.50	
		Heating ²⁾	67.00	67.30	74.00	74.10	80.20	85.40	88.60	88.60	
MCA		129.10 (MCA)	139.50 (MCA)	146.00 (MCA)	142.00 (MCA)	143.00 (MCA)	158.00 (MCA)	164.10 (MCA)	164.10 (MCA)		
MFA		-	-	-	-	-	-	-	-		
COP	Nominal Cooling ¹⁾		4.57	4.81	4.89	4.87	4.76	4.78	4.59		
	Nominal Heating ²⁾		4.93	5.18	4.96	5.20	5.04	4.98	4.97		
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 5	SSC Scroll x 5		
	Output	kW x n	(5.09x2) + (6.45x2)	(6.45x4)	(6.45x4)	(6.45x4)	(6.45x4)	(6.45x3) + (5.09x2)	(6.45x3) + (5.09x2)		
	Model Name		DS-GB052FBVAVSG x 2 + DS4GJ5066EVAVSG x 2	DS4GJ5066EVAVSG x 4	DS4GJ5066EVAVSG x 4	DS4GJ5066EVAVSG x 4	DS4GJ5066EVAVSG x 4	DS4GJ5066EVAVSG x 3 + DS-GB052FBVAVSG x 2	DS4GJ5066EVAVSG x 3 + DS-GB052FBVAVSG x 2		
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	4400	4400	4400	4400	4400	5500	5500		
Fan	Type		Propeller	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	(830.0 x 1) x 2 + 620.0 x 2	(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		
	Air Flow Rate	CMM	255 + 265	265 x 2	265 x 2	170 + 220 + 265	220 x 2 + 265	220 + 255 + 265	220 + 255 + 265		
	External Static Pressure	Max. l/s	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	3,666.67 + 4,250.00 + 4,416.67	3,666.67 + 4,250.00 + 4,416.67		
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	110.0	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	16.10	16.80	16.80	20.40	21.40	22.60	22.60		
Sound ³⁾	Sound Pressure	dB(A)	67.0	68.0	68.0	67.0	68.0	68.0	68.0		
	Sound Power	dB(A)	88.0	90.0	90.0	88.0	89.0	89.0	89.0		
External Dimension	Net Weight	kg	290.0 + 298.0	298.0 x 2	298.0 x 2	184.0 + 195.0 + 298.0	195.0 x 2 + 298.0	195.0 + 290.0 + 298.0	195.0 + 290.0 + 298.0		
	Shipping Weight	kg	298.0 + 317.0	317.0 x 2	317.0 x 2	200.0 + 211.0 + 317.0	211.0 x 2 + 317.0	211.0 + 298.0 + 317.0	211.0 + 298.0 + 317.0		
	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	(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	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	(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	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	-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		

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (220V)				AM500JXVAFH/AZ	AM520JXVAFH/AZ	AM540JXVAFH/AZ	AM560JXVAFH/AZ	AM580JXVAFH/AZ	AM600JXVAFH/AZ	AM620JXVAFH/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	Ton	Cooling	50.00	41.40	43.22	44.64	46.18	47.77	49.36
				39.81	41.40	43.22	44.64	46.18	47.77	49.36
	Capacity (Nominal)	kW	Btu/h	140.00	145.60	152.00	157.00	162.40	168.00	173.60
				477,700	496,800	518,600	535,700	554,100	573,200	592,300
Power	Power Input (Nominal)	kW	Cooling ¹⁾	29.33	30.12	31.37	33.54	33.56	34.35	35.62
				30.50	32.80	34.58	35.70	35.80	38.10	38.13
	Current Input (Nominal)	A	Cooling ¹⁾	85.60	87.90	91.50	97.80	97.90	100.20	103.90
				88.90	95.60	100.80	104.00	104.30	111.00	111.10
MCA	A	Heating ²⁾	174.50 (MCA)	181.00 (MCA)	196.00 (MCA)	202.10 (MCA)	212.50 (MCA)	219.00 (MCA)	215.00 (MCA)	
			-	-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾	-	Heating ²⁾	4.77	4.83	4.85	4.68	4.84	4.89	4.87
				5.16	4.99	4.95	4.94	5.10	4.96	5.12
Compressor	Type	kW x n	-	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
				(6.45x1) + (6.45x2)x2	(6.45x1) + (6.45x2)x2	(5.09x2) + (6.45x2)x2	(5.09x2) + (6.45x2)x2	(6.45x2)x3	(6.45x2)x3	(6.45x2)x2
Oil	Initial Charge	cc	-	DS4GJ5066EVASG x 5	DS4GJ5066EVASG x 5	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 4	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 4*	DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 6
				PVE	PVE	PVE	PVE	PVE	PVE	PVE
Fan	Type	W	-	5000	5500	6600	6600	6600	6600	6600
				Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n	CMM	-	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	(620.0 x 2) x 3	(620.0 x 2) x 3	(830.0 x 1) x 2 + (620.0 x 2) x 2
				220 + 260 + 265	220 + 265 x 2	255 + 265 x 2	255 + 265 x 2	260 + 265 x 2	265 x 3	170 + 220 + 265 x 2
Air Flow Rate	l/s	-	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	4,250.00 + 4,416.67 x 2	4,333.33 + 4,416.67 x 2	4,416.67 x 3	2,833.33 + 3,666.67 + 4,416.67 x 2	
			8.00	8.00	8.00	8.00	8.00	8.00	8.00	
External Static Pressure	Max.	mmAq	-	78.45	78.45	78.45	78.45	78.45	78.45	78.45
				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	22.22
				Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"
	Gas Pipe	Φ, mm	-	41.28	41.28	41.28	41.28	41.28	41.28	53.98
				Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	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	110.0	110.0	110.0	110.0	110.0	110.0
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-	
				Transmission Cable	-	-	-	-	-	-
Refrigerant	Type	-	-	R410A	R410A	R410A	R410A	R410A	R410A	
				Factory Charging	23.30	23.30	24.50	25.20	25.20	28.80
Sound ³⁾	Sound Pressure	dB(A)	-	69.0	69.0	69.0	69.0	70.0	69.0	
				Sound Power	90.0	91.0	91.0	91.0	92.0	91.0
External Dimension	Net Weight	kg	-	195.0 + 298.0 x 2	195.0 + 298.0 x 2	290.0 + 298.0 x 2	290.0 + 298.0 x 2	298.0 x 3	298.0 x 3	184.0 + 195.0 + 298.0 x 2
				Shipping Weight	211.0 + 317.0 x 2	211.0 + 317.0 x 2	298.0 + 317.0 x 2	298.0 + 317.0 x 2	317.0 x 3	317.0 x 3
Operating	Cooling	°C	-	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	(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)	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	(1,363 x 1,887 x 832) x 3	(1,363 x 1,887 x 832) x 3
Operating	Heating	°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
				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

* Piping specifications in the table can be changed without a prior notice. Because there is always an ongoing improvement on our products.
 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (220V)				AM640JXVAFH/AZ	AM660JXVAFH/AZ	AM680JXVAFH/AZ	AM700JXVAFH/AZ	AM720JXVAFH/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	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	Ton		64.00	66.00	68.00	70.00	72.00	
		Ton		50.96	52.78	54.20	55.73	57.32	
	Capacity (Nominal)	Cooling		kW	179.20	185.60	190.60	196.00	201.60
		Cooling		Btu/h	611,500	633,300	650,400	668,800	687,900
		Heating		kW	201.60	208.80	214.20	220.50	226.80
		Heating		Btu/h	687,900	712,500	730,900	752,400	773,900
Power	Power Input (Nominal)	Cooling ¹⁾		kW	37.34	38.59	40.76	41.57	41.57
		Heating ²⁾		kW	40.20	41.98	43.10	43.20	45.50
	Current Input (Nominal)	Cooling ¹⁾		A	109.00	112.60	118.90	119.00	121.30
		Heating ²⁾		A	117.20	122.40	125.60	125.90	132.60
MCA				216.00 (MCA)	231.00 (MCA)	237.10 (MCA)	247.50 (MCA)	254.00 (MCA)	
MFA				-	-	-	-	-	
COP	Nominal Cooling ¹⁾			4.80	4.81	4.68	4.81	4.85	
	Nominal Heating ²⁾			5.01	4.97	4.97	5.10	4.98	
Compressor	Type			SSC Scroll x 6	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	
	Output		kW x n	(6.45x1)x2 + (6.45x2)x2	(5.09x2) + (6.45x1) + (6.45x2)x2	(5.09x2) + (6.45x1) + (6.45x2)x2	(6.45x1) + (6.45x2)x3	(6.45x1) + (6.45x2)x3	
	Model Name			DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 5 + DS-GB052FBVASG x 2	DS4GJ5066EVASG x 5 + DS-GB052FBVASG x 2	DS4GJ5066EVASG x 7	DS4GJ5066EVASG x 7	
Oil	Type			PVE	PVE	PVE	PVE	PVE	
	Initial Charge		cc	6600	7700	7700	7700	7700	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n		W	(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	830.0 x 1 + (620.0 x 2) x 3	830.0 x 1 + (620.0 x 2) x 3	
	Air Flow Rate		CMM	220 x 2 + 265 x 2	220 + 255 + 265 x 2	220 + 255 + 265 x 2	220 + 260 + 265 x 2	220 + 265 x 3	
	External Static Pressure		Max. mmAq	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	3,666.67 + 4,333.33 + 4,416.67 x 2	3,666.67 + 4,416.67 x 3	
Piping Connections	Liquid Pipe		Φ, mm	22.22	22.22	22.22	22.22	22.22	
	Gas Pipe		Φ, inch	7/8"	7/8"	7/8"	7/8"	7/8"	
			Φ, mm	53.98	53.98	53.98	53.98	53.98	
			Φ, inch	21/8"	21/8"	21/8"	21/8"	21/8"	
	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	29.80	31.00	31.00	31.70	31.70	
Sound ³⁾	Sound Pressure		dB(A)	70.0	70.0	70.0	70.0	70.0	
	Sound Power		dB(A)	91.0	91.0	91.0	92.0	92.0	
External Dimension	Net Weight		kg	195.0 x 2 + 298.0 x 2	195.0 + 290.0 + 298.0 x 2	195.0 + 290.0 + 298.0 x 2	195.0 + 298.0 x 3	195.0 + 298.0 x 3	
	Shipping Weight		kg	211.0 x 2 + 317.0 x 2	211.0 + 298.0 + 317.0 x 2	211.0 + 298.0 + 317.0 x 2	211.0 + 317.0 x 3	211.0 + 317.0 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	
	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	
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	

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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.

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DVMS SPECIFICATION Outdoor Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (220V)				AM740JXVAFH/AZ	AM760JXVAFH/AZ	AM780JXVAFH/AZ	AM800JXVAFH/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
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP		74.00	76.00	78.00	80.00
	Ton	Ton		59.14	60.57	62.10	63.69
	Capacity (Nominal)	Cooling	kW	208.00	213.00	218.40	224.00
			Btu/h	709,700	726,800	745,200	764,300
	Heating	kW	234.00	239.40	245.70	252.00	
		Btu/h	798,400	816,900	838,400	859,900	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	42.82	44.99	45.01	45.80
		Heating ²⁾	kW	47.28	48.40	48.50	50.80
	Current Input (Nominal)	Cooling ¹⁾	A	124.90	131.20	131.30	133.60
		Heating ²⁾	A	137.80	141.00	141.30	148.00
	MCA			269.00 (MCA)	275.10 (MCA)	285.50 (MCA)	292.00 (MCA)
MFA			-	-	-	-	
COP	Nominal Cooling ¹⁾		-	4.86	4.73	4.85	4.89
	Nominal Heating ²⁾		-	4.95	4.95	5.07	4.96
Compressor	Type			SSC Scroll x 8	SSC Scroll x 8	SSC Scroll x 8	SSC Scroll x 8
	Output	kW x n		(5.09x2) + (6.45x2)x3	(5.09x2) + (6.45x2)x3	(6.45x2)x4	(6.45x2)x4
	Model Name			DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 6	DS-GB052FBVASG x 2 + DS4GJ5066EVASG x 6	DS4GJ5066EVASG x 8	DS4GJ5066EVASG x 8
Oil	Type			PVE	PVE	PVE	PVE
	Initial Charge	cc		8800	8800	8800	8800
Fan	Type			Propeller	Propeller	Propeller	Propeller
	Output x n	W		(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		255 + 265 x 3	255 + 265 x 3	260 + 265 x 3	265 x 4
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
Pa			78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm	22.22	22.22	22.22	22.22	
		Φ, inch	7/8"	7/8"	7/8"	7/8"	
	Gas Pipe	Φ, mm	53.98	53.98	53.98	53.98	
		Φ, inch	21/8"	21/8"	21/8"	21/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	
		Φ, inch	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	
		Φ, inch	-	-	-	-	
Installation Limitation	Max. Length	m		200	200	200	200
	Max. Height	m		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
	Factory Charging	kg		32.90	32.90	33.60	33.60
Sound ³⁾	Sound Pressure	dB(A)		70.0	71.0	71.0	71.0
	Sound Power	dB(A)		92.0	92.0	93.0	93.0
External Dimension	Net Weight	kg		290.0 + 298.0 x 3	290.0 + 298.0 x 3	298.0 x 4	298.0 x 4
	Shipping Weight	kg		298.0 + 317.0 x 3	298.0 + 317.0 x 3	317.0 x 4	317.0 x 4
	Net Dimensions (WxHxD)	mm		(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		(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
	Heating	°C		-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (380V) STANDARD VALUE-UP				AM080KXVGHH/TC	AM100KXVGHH/TC	AM120KXVGHH/TC	AM140KXVGHH/TC	AM160KXVGHH/TC	AM180KXVGHH/TC	AM200KXVGHH/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	3,4,380,60	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	Ton	8.00	10.00	12.00	14.00	16.00	18.00	20.00	20.00	
			6.37	7.96	9.55	11.38	12.79	14.33	15.92	15.92	
	Capacity (Nominal)	Cooling	kW	22.40	28.00	33.60	40.00	45.00	50.40	56.00	56.00
			Btu/h	76,400	95,500	114,600	136,500	153,500	172,000	191,100	191,100
	Heating	kW	25.20	31.50	37.80	45.00	50.00	56.70	63.00	63.00	
		Btu/h	86,000	107,500	129,000	153,500	170,600	193,500	215,000	215,000	
Power	Power Input (Nominal)	Cooling ¹⁾	4.55	5.76	7.61	8.60	10.70	10.66	11.45	11.45	
		Heating ²⁾	4.44	5.71	8.60	9.40	11.30	10.40	12.70	12.70	
	Current Input (Nominal)	Cooling ¹⁾	7.70	9.70	12.80	14.50	18.10	18.00	19.30	19.30	
		Heating ²⁾	7.50	9.60	14.50	15.90	19.10	17.60	21.40	21.40	
MCA		18.00 (MCA)	21.10 (MCA)	25.00 (MCA)	25.00 (MCA)	32.00 (MCA)	32.00 (MCA)	39.10 (MCA)	42.50 (MCA)		
MFA		25.00	32.00	32.00	32.00	40.00	50.00	50.00	63.00		
COP	Nominal Cooling ¹⁾		4.92	4.86	4.42	4.65	4.21	4.73	4.89	4.89	
	Nominal Heating ²⁾		5.68	5.52	4.40	4.79	4.42	5.45	4.96	4.96	
Compressor	Type		SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	
	Output	kW x n	(4.39)	(6.39)	(6.39)	(6.39)	(4.39x2)	(6.39x2)	(6.39x2)	(6.39x2)	
	Model Name		DS-GA046FAVA x1	DS-GB066FAVB x1	DS-GB066FAVB x1	DS-GB066FAVB x1	DS-GA046FAVA x2	DS-GB066FAVB x2	DS-GB066FAVB x2	DS-GB066FAVB x2	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	900	1100	1100	1100	1800	2200	2200	2200	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	830.0 x1	830.0 x1	830.0 x1	620.0 x2	620.0 x2	620.0 x2	620.0 x2	620.0 x2	
	Air Flow Rate	CMM	170	170	220	255	290	290	290	290	
	External Static Pressure	Max.	mmAq	2,833.33	2,833.33	3,666.67	4,250.00	4,250.00	4,833.33	4,833.33	
		Pa	8.00	8.00	8.00	8.00	8.00	8.00	8.00		
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	12.70	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	110.0	110.0	110.0	110.0	110.0	110.0	110.0		
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	0.75 ~ 1.5		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.50	5.50	6.50	8.40	8.40	8.40	8.40		
Sound ³⁾	Sound Pressure	dB(A)	57.0 / 59.0	58.0 / 60.0	62.0 / 64.0	61.0 / 63.0	62.0 / 64.0	64.0 / 66.0	65.0 / 67.0		
	Sound Power	dB(A)	77.0	79.0	81.0	81.0	82.0	86.0	87.0		
External Dimension	Net Weight	kg	173.5	180.5	188.0	242.0	281.0	289.5	289.5		
	Shipping Weight	kg	189.5	196.5	204.0	255.0	300.0	308.5	308.5		
	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		
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		

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

2) 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.

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DVMS SPECIFICATION Outdoor Units



DVMS

DIGITAL VARIABLE MULTI

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

DVM S HP (380V) STANDARD VALUE-UP				AM220KXVGHH/TC	AM240KXVGHH/TC	AM260KXVGHH/TC	AM280KXVGHH/TC	AM300KXVGHH/TC	AM320KXVGHH/TC	AM340KXVGHH/TC
Model Code										
Power Supply		Φ, #, V, Hz		3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	Ton	Ton	22.00	19.11	20.92	22.35	23.88	25.48	27.07
				17.52	15.36	16.72	18.15	19.58	21.01	
	Capacity (Nominal)	Cooling	kW	61.60	67.20	73.60	78.60	84.00	89.60	95.20
				210,200	229,300	251,100	268,200	286,600	305,700	
	Heating	kW	69.30	75.60	82.80	87.80	94.50	100.80	107.10	
			236,500	258,000	282,500	299,600	322,400	343,900		
Power	Power Input (Nominal)	Cooling ¹⁾	kW	15.36	15.22	16.21	18.31	18.26	19.06	22.97
				15.79	17.20	18.00	19.90	19.00	21.30	
	Current Input (Nominal)	Cooling ¹⁾	A	25.90	25.60	27.30	30.90	30.80	32.10	38.70
				26.60	29.00	30.40	33.60	32.10	35.90	
	MCA			44.50 (MCA)	50.00 (MCA)	50.00 (MCA)	57.00 (MCA)	64.10 (MCA)	67.50 (MCA)	69.50 (MCA)
	MFA			63.00	63.00	63.00	63.00	75.00	75.00	80.00
COP	Nominal Cooling ¹⁾			4.01	4.42	4.54	4.29	4.60	4.70	4.14
				4.39	4.40	4.60	4.41	4.97	4.73	
Compressor	Type			SSC Scroll x 2	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			(6.39)x2	(6.39)x2	(6.39)x2	(4.39x2) + (6.39)	(6.39x2) + (6.39)	(6.39x2) + (6.39)	(6.39) + (6.39x2)
	Model Name			DS-GB066FAVB x 2	DS-GB066FAVB x 2	DS-GB066FAVB x 2	DS-GA046FAVA x 2 + DS-GB066FAVB x 1	DS-GB066FAVB x 3	DS-GB066FAVB x 3	DS-GB066FAVB x 3
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE
	Initial Charge			2200	2200	2200	2900	3300	3300	3300
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n			620.0 x 2	(830.0 x 1) x 2	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	830.0 x 1 + 620.0 x 2
	Air Flow Rate			290	220 x 2	255 + 220	255 + 220	290 + 220	290 + 220	220 + 290
	External Static Pressure	Max.	mmAq		4,833.33	3,666.67 x 2	4,250.00 + 3,666.67	4,250.00 + 3,666.67	4,833.33 + 3,666.67	4,833.33 + 3,666.67
8.00					-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm		15.88	15.88	19.05	19.05	19.05	19.05	19.05
				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	
				11/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
	Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-	
				-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm		-	-	-	-	-	-	
				-	-	-	-	-	-	
	Installation Limitation	Max. Length	m		200	200	200	200	200	200
					Max. Height	m	110.0	110.0	110.0	110.0
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	R410A	
				Factory Charging	kg	8.40	13.00	14.90	14.90	14.90
Sound ³⁾	Sound Pressure	dB(A)		66.0 / 68.0	65.0 / 67.0	65.0 / 67.0	65.0 / 67.0	66.0 / 68.0	67.0 / 69.0	67.0 / 69.0
				Sound Power	dB(A)	89.0	84.0	84.0	85.0	87.0
External Dimension	Net Weight	kg		289.5	188.0 x 2	242.0 + 188.0	281.0 + 188.0	289.5 + 188.0	289.5 + 188.0	289.5 + 188.0
				Shipping Weight	kg	308.5	204.0 x 2	255.0 + 204.0	300.0 + 204.0	308.5 + 204.0
	Net Dimensions (WxHxD)	mm		1,295 x 1,695 x 765	(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 + 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	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	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
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

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (380V) STANDARD VALUE-UP				AM360KXVGHH/TC	AM380KXVGHH/TC	AM400KXVGHH/TC	AM420KXVGHH/TC	AM440KXVGHH/TC	AM460KXVGHH/TC	AM480KXVGHH/TC
Model Code										
Power Supply		Φ, #, V, Hz		3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	Ton	Ton	36.00	30.31	31.85	42.00	35.03	46.00	38.44
				28.89	30.31	31.85	33.44	35.03	36.62	38.44
	Capacity (Nominal)	Cooling	Btu/h	101.60	106.60	112.00	117.60	123.20	128.80	135.20
				346,700	363,700	382,200	401,300	420,400	439,500	461,300
	Heating	Btu/h	114.30	119.30	126.00	132.30	138.60	144.90	152.10	
			390,000	407,100	429,900	451,400	472,900	494,400	519,000	
Power	Power Input (Nominal)	kW	Cooling ¹⁾	23.96	26.06	22.90	26.81	30.73	30.58	31.57
			Heating ²⁾	25.19	27.09	25.40	28.49	31.57	32.99	33.79
	Current Input (Nominal)	A	Cooling ¹⁾	40.40	44.00	38.60	45.20	51.80	51.50	53.20
			Heating ²⁾	42.50	45.70	42.80	48.00	53.20	55.60	57.00
MCA			69.50 (MCA)	76.50 (MCA)	85.00 (MCA)	87.00 (MCA)	89.00 (MCA)	94.50 (MCA)	94.50 (MCA)	
MFA			80.00	90.00	100.00	100.00	100.00	125.00	125.00	
COP	Nominal Cooling ¹⁾		-	4.24	4.09	4.89	4.39	4.01	4.21	4.28
		Nominal Heating ²⁾		4.54	4.40	4.96	4.64	4.39	4.39	4.50
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)	(6.39x2)x2	(6.39x2) + (6.39x2)	(6.39x2)x2	(6.39) + (6.39x2)	(6.39) + (6.39) + (6.39x2)
	Model Name			DS-GB066FAVB x 3	DS-GA046FAVA x 2 + DS-GB066FAVB x 2	DS-GB066FAVB x 4	DS-GB066FAVB x 4	DS-GB066FAVB x 4	DS-GB066FAVB x 4	DS-GB066FAVB x 4
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE
	Initial Charge	cc		3300	4000	4400	4400	4400	4400	4400
Fan	Type			Propeller	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	(620.0 x 2) x 2	(830.0 x 1) x 2 + 620.0 x 2	(620.0 x 2) x 2 + 830.0 x 1
	Air Flow Rate	CMM		255 + 290	255 + 290	290 x 2	290 x 2	290 x 2	220 x 2 + 290	255 + 220 + 290
	External Static Pressure	Max. mmAq		4,250.00 + 4,833.33	4,250.00 + 4,833.33	4,833.33 x 2	4,833.33 x 2	4,833.33 x 2	3,666.67 x 2 + 4,833.33	4,250.00 + 3,666.67 + 4,833.33
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	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		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
	Factory Charging	kg		16.80	16.80	16.80	16.80	16.80	21.40	23.30
Sound ³⁾	Sound Pressure	dB(A)		67.0 / 69.0	67.0 / 69.0	68.0 / 70.0	69.0 / 71.0	69.0 / 71.0	69.0 / 71.0	68.0 / 70.0
	Sound Power	dB(A)		90.0	90.0	90.0	91.0	90.0	90.0	90.0
External Dimension	Net Weight	kg		242.0 + 289.5	281.0 + 289.5	289.5 x 2	289.5 x 2	289.5 x 2	188.0 x 2 + 289.5	242.0 + 188.0 + 289.5
	Shipping Weight	kg		255.0 + 308.5	300.0 + 308.5	308.5 x 2	308.5 x 2	308.5 x 2	204.0 x 2 + 308.5	255.0 + 204.0 + 308.5
	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	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + 1,295 x 1,695 x 765	(1,295 x 1,695 x 765) x 2 + 880 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	(1,363 x 1,887 x 832) x 2	(948 x 1,887 x 832) x 2 + 1,363 x 1,887 x 832	(1,363 x 1,887 x 832) x 2 + 948 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

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (380V) STANDARD VALUE-UP				AM500KXVGHH/TC	AM520KXVGHH/TC	AM540KXVGHH/TC	AM560KXVGHH/TC	AM580KXVGHH/TC	AM600KXVGHH/TC	AM620KXVGHH/TC	
Model Code											
Power Supply		Φ, #, V, Hz		3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	
Mode		-		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP		50.00	50.00	50.00	50.00	50.00	50.00	50.00	
		Ton		39.87	41.40	42.99	44.58	46.41	47.82	49.36	
	Capacity (Nominal)	Cooling	kW		140.20	145.60	151.20	156.80	163.20	168.20	173.60
			Btu/h		478,400	496,800	515,900	535,000	556,900	573,900	592,300
	Heating	kW		157.10	163.80	170.10	176.40	183.60	188.60	195.30	
		Btu/h		536,000	558,900	580,400	601,900	626,500	643,500	666,400	
Power	Power Input (Nominal)	Cooling ¹⁾		33.67	33.63	34.42	38.34	39.33	41.43	38.26	
		Heating ²⁾		35.69	34.79	37.09	40.17	40.97	42.87	41.19	
	Current Input (Nominal)	Cooling ¹⁾		56.80	56.70	58.00	64.60	66.30	69.90	64.50	
		Heating ²⁾		60.20	58.70	62.50	67.70	69.10	72.30	69.40	
MCA			101.50 (MCA)	108.60 (MCA)	112.00 (MCA)	114.00 (MCA)	114.00 (MCA)	121.00 (MCA)	129.50 (MCA)		
MFA			125.00	125.00	125.00	125.00	125.00	150.00	150.00		
COP	Nominal Cooling ¹⁾		4.16	4.33	4.39	4.09	4.15	4.06	4.54		
	Nominal Heating ²⁾		4.40	4.71	4.59	4.39	4.48	4.40	4.74		
Compressor	Type			SSC Scroll x 5	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			(4.39x2) + (6.39) + (6.39x2)	(6.39x2) + (6.39) + (6.39x2)	(6.39x2) + (6.39) + (6.39x2)	(6.39) + (6.39x2)x2	(6.39) + (6.39x2)x2	(4.39x2) + (6.39x2)x2	(6.39x2) + (6.39x2)	
	Model Name			DS-GA046FAVA x 2 + DS-GB066FAVB x 3	DS-GB066FAVB x 5	DS-GB066FAVB x 5	DS-GB066FAVB x 5	DS-GB066FAVB x 5	DS-GA046FAVA x 2 + DS-GB066FAVB x 4	DS-GB066FAVB x 6	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge			5100	5500	5500	5500	5500	6200	6600	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n			(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	830.0 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	
	Air Flow Rate			255 + 220 + 290	290 x 2 + 220	290 x 2 + 220	220 + 290 x 2	255 + 290 x 2	255 + 290 x 2	290 x 3	
	External Static Pressure	Max.		4,250.00 + 3,666.67 + 4,833.33	4,833.33 x 2 + 3,666.67	4,833.33 x 2 + 3,666.67	3,666.67 + 4,833.33 x 2	4,250.00 + 4,833.33 x 2	4,250.00 + 4,833.33 x 2	4,833.33 x 3	
Piping Connections	Liquid Pipe	Φ, mm		19.05	19.05	19.05	19.05	19.05	19.05	22.22	
		Φ, inch		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"	
	Gas Pipe	Φ, mm		41.28	41.28	41.28	41.28	41.28	41.28	53.98	
		Φ, inch		1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	2 1/8"	
	Discharge Gas Pipe	Φ, mm		-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm		-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
Installation Limitation	Max. Length			200	200	200	200	200	200	200	
	Max. Height			110.0	110.0	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire			-	-	-	-	-	-	-	
	Transmission Cable			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	
	Factory Charging			23.30	23.30	23.30	23.30	25.20	25.20	25.20	
Sound ³⁾	Sound Pressure			69.0 / 71.0	69.0 / 71.0	69.0 / 71.0	70.0 / 72.0	70.0 / 72.0	70.0 / 72.0	70.0 / 72.0	
	Sound Power			90.0	91.0	92.0	92.0	92.0	93.0	93.0	
External Dimension	Net Weight			188.0 + 281.0 + 289.5	289.5 x 2 + 188.0	188.0 + 289.5 x 2	188.0 + 289.5 x 2	242.0 + 289.5 x 2	281.0 + 289.5 x 2	289.5 x 3	
	Shipping Weight			204.0 + 300.0 + 308.5	308.5 x 2 + 204.0	204.0 + 308.5 x 2	204.0 + 308.5 x 2	255.0 + 308.5 x 2	300.0 + 308.5 x 2	318.5 x 3	
	Net Dimensions (WxHxD)			(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	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	
	Shipping Dimensions (WxHxD)			(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	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	
Operating Temp. Range	Cooling			-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			-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	

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
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DVMS HP (380V) STANDARD VALUE-UP				AM640KXVGHH/TC	AM660KXVGHH/TC	AM680KXVGHH/TC	AM700KXVGHH/TC	AM720KXVGHH/TC	AM740KXVGHH/TC
Model Code									
Power Supply		Φ, #, V, Hz		3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	Ton	Cooling	64.00	66.00	68.00	70.00	72.00	74.00
				50.96	52.55	54.14	55.96	57.38	58.92
	Capacity (Nominal)	Ton	Heating	179.20	184.80	190.40	196.80	201.80	207.20
				611,500	630,600	649,700	671,500	688,600	707,000
Power	Power Input (Nominal)	kW	Cooling ¹⁾	201.60	207.90	214.20	221.40	226.40	233.10
				687,900	709,400	730,900	755,400	772,500	795,400
	Current Input (Nominal)	A	Heating ²⁾	42.18	46.09	48.77	49.57	51.47	50.58
				44.27	47.36	48.77	49.57	51.47	50.58
COP	MCA	A	Cooling ¹⁾	71.10	77.70	77.40	79.10	82.70	82.60
				74.60	79.80	82.20	83.60	86.80	85.30
	MFA	A	Heating ²⁾	131.50 (MCA)	133.50 (MCA)	139.00 (MCA)	139.00 (MCA)	146.00 (MCA)	153.10 (MCA)
				150.00	150.00	175.00	175.00	175.00	175.00
Nominal Cooling ¹⁾	-	-	-	4.25	4.01	4.14	4.19	4.12	4.23
				4.55	4.39	4.39	4.47	4.40	4.61
Compressor	Type	kW x n	-	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 7	SSC Scroll x 7
				(6.39x2) + (6.39x2)x2	(6.39x2)x3	(6.39)x2 + (6.39x2)x2	(6.39) + (6.39) + (6.39x2)x2	(4.39x2) + (6.39) + (6.39x2)x2	(6.39x2) + (6.39) + (6.39x2)x2
	Model Name	-	-	DS-GB066FAVB x 6	DS-GB066FAVB x 6	DS-GB066FAVB x 6	DS-GB066FAVB x 6	DS-GA046FAVA x 2 + DS-GB066FAVB x 5	DS-GB066FAVB x 7
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE
Fan	Initial Charge	cc	-	6600	6600	6600	6600	7300	7700
				6600	6600	6600	6600	7300	7700
	Type	-	-	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	(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	
Piping Connections	Air Flow Rate	CMM	-	290 x 3	290 x 3	220 x 2 + 290 x 2	255 + 220 + 290 x 2	255 + 220 + 290 x 2	290 x 3 + 220
				4,833.33 x 3	4,833.33 x 3	3,666.67 x 2 + 4,833.33 x 2	4,250.00 + 3,666.67 + 4,833.33 x 2	4,250.00 + 3,666.67 + 4,833.33 x 2	4,833.33 x 3 + 3,666.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00
				78.45	78.45	78.45	78.45	78.45	78.45
Field Wiring	Liquid Pipe	Φ, mm	-	22.22	22.22	22.22	22.22	22.22	22.22
				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
				21/8"	21/8"	21/8"	21/8"	21/8"	21/8"
Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	-	
			-	-	-	-	-	-	
Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	
			-	-	-	-	-	-	
Installation Limitation	Max. Length	m	-	200	200	200	200	200	200
				110.0	110.0	110.0	110.0	110.0	110.0
Refrigerant	Power Source Wire	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
Sound ³⁾	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
				25.20	25.20	29.80	31.70	31.70	31.70
External Dimension	Factory Charging	kg	-	25.20	25.20	29.80	31.70	31.70	31.70
				70.0 / 72.0	71.0 / 73.0	70.0 / 72.0	70.0 / 72.0	70.0 / 72.0	71.0 / 73.0
Operating Temp. Range	Sound Pressure	dB(A)	-	93.0	94.0	93.0	93.0	93.0	93.0
				93.0	94.0	93.0	93.0	93.0	93.0
Net Weight	Shipping Weight	kg	-	289.5 x 3	289.5 x 3	188.0 x 2 + 289.5 x 2	188.0 + 242.0 + 289.5 x 2	188.0 + 281.0 + 289.5 x 2	188.0 + 289.5 x 3
				318.5 x 3	318.5 x 3	204.0 x 2 + 308.5 x 2	204.0 + 255.0 + 308.5 x 2	204.0 + 300.0 + 308.5 x 2	204.0 + 308.5 x 3
Shipping Dimensions (WxHxD)	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	(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
				(1,363 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	(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
Cooling	Shipping Dimensions (WxHxD)	mm	-	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
				-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0
Heating	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
				-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0

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 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.)

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- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
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DVMS HP (380V) STANDARD VALUE-UP				AM760KXVGHH/TC	AM780KXVGHH/TC	AM800KXVGHH/TC	AM820KXVGHH/TC	AM840KXVGHH/TC	AM860KXVGHH/TC	AM880KXVGHH/TC	
Model Code											
Power Supply	Φ, #, V, Hz		3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	3,438,060	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	76.00	80.00	82.00	84.00	86.00	88.00	88.00	88.00	
	Ton	Ton	60.51	62.10	63.92	65.34	66.88	68.47	70.07	70.07	
	Capacity (Nominal)	Cooling	kW	212.80	218.40	224.80	229.80	235.20	240.80	246.40	246.40
			Btu/h	726,100	745,200	767,000	784,100	802,500	821,600	840,800	840,800
	Heating	kW	239.40	245.70	252.90	257.90	264.60	270.90	277.20	277.20	
		Btu/h	816,900	838,400	862,900	880,000	902,900	924,300	945,800	945,800	
Power	Power Input (Nominal)	Cooling ¹⁾	49.79	53.70	54.69	56.79	56.75	57.54	57.54	61.46	
		Heating ²⁾	52.87	55.96	56.76	58.66	57.76	60.06	63.14	63.14	
	Current Input (Nominal)	Cooling ¹⁾	83.90	90.50	92.20	95.80	95.70	97.00	103.60	103.60	
		Heating ²⁾	89.10	94.30	95.70	98.90	97.40	101.20	106.40	106.40	
MCA		156.50 (MCA)	158.50 (MCA)	158.50 (MCA)	165.50 (MCA)	172.60 (MCA)	176.00 (MCA)	178.00 (MCA)	178.00 (MCA)		
MFA	A	175.00	175.00	175.00	200.00	200.00	200.00	200.00	200.00		
COP	Nominal Cooling ¹⁾		4.27	4.07	4.11	4.05	4.14	4.18	4.01	4.01	
	Nominal Heating ²⁾		4.53	4.39	4.46	4.40	4.58	4.51	4.39	4.39	
Compressor	Type		SSC Scroll x 7	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	(6.39x2) + (6.39) + (6.39x2)x2	(6.39) + (6.39x2)x3	(6.39) + (6.39x2)x3	(4.39x2) + (6.39x2)x3	(6.39x2) + (6.39x2)x3	(6.39x2) + (6.39x2)x3	(6.39x2) + (6.39x2)x3	(6.39x2)x4	
	Model Name		DS-GB066FAVB x 7	DS-GB066FAVB x 7	DS-GB066FAVB x 7	DS-GA046FAVA x 2 + DS-GB066FAVB x 6	DS-GB066FAVB x 8	DS-GB066FAVB x 8	DS-GB066FAVB x 8	DS-GB066FAVB x 8	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	7700	7700	7700	8400	8800	8800	8800	8800	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	(620.0 x 2) x 3 + 830.0 x 1	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	(620.0 x 2) x 4	
	Air Flow Rate	CMM	290 x 3 + 220	220 + 290 x 3	255 + 290 x 3	255 + 290 x 3	290 x 4	290 x 4	290 x 4	290 x 4	
		l/s	4,833.33 x 3 + 3,666.67	3,666.67 + 4,833.33 x 3	4,250.00 + 4,833.33 x 3	4,250.00 + 4,833.33 x 3	4,833.33 x 4	4,833.33 x 4	4,833.33 x 4	4,833.33 x 4	
External Static Pressure	Max.	mmAq	8.00	8.00	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	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm	22.22	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"	7/8"	
	Gas Pipe	Φ, mm	53.98	53.98	53.98	53.98	53.98	53.98	53.98	53.98	
		Φ, inch	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	
	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	110.0	110.0	110.0	110.0	110.0	110.0	110.0	
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	0.75 ~ 1.5		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	31.70	31.70	33.60	33.60	33.60	33.60	33.60		
Sound ³⁾	Sound Pressure	dB(A)	71.0 / 73.0	71.0 / 73.0	71.0 / 73.0	71.0 / 73.0	72.0 / 74.0	72.0 / 74.0	72.0 / 74.0		
	Sound Power	dB(A)	93.0	94.0	94.0	94.0	95.0	95.0	95.0		
External Dimension	Net Weight	kg	188.0 + 289.5 x 3	188.0 + 289.5 x 3	242.0 + 289.5 x 3	281.0 + 289.5 x 3	289.5 x 4	289.5 x 4	289.5 x 4		
	Shipping Weight	kg	204.0 + 308.5 x 3	204.0 + 308.5 x 3	255.0 + 308.5 x 3	300.0 + 308.5 x 3	308.5 x 4	308.5 x 4	308.5 x 4		
	Net Dimensions (WxHxD)	mm	(1,295 x 1,695 x 765) x 3 + 880 x 1,695 x 765	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	(1,363 x 1,887 x 832) x 3 + 948 x 1,887 x 832	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		

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (380V) ENTRY				AM080JXVANH/TL	AM100JXVANH/TL	AM120JXVANH/TL	AM140JXVANH/TL	AM160JXVANH/TL	AM180JXVANH/TL	AM200JXVANH/TL	
Model Code				AM080JXVANH/TL	AM100JXVANH/TL	AM120JXVANH/TL	AM140JXVANH/TL	AM160JXVANH/TL	AM180JXVANH/TL	AM200JXVANH/TL	
Power Supply	Φ, #, V, Hz			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	3,4,380-415,50/60	3,4,380-415,50/60	
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		6.37	7.96	9.55	11.38	12.79	14.33	15.92	
	Capacity (Nominal)	Cooling	kW	22.40	28.00	33.60	40.00	45.00	50.40	56.00	63.00
			Btu/h	76,400	95,500	114,600	136,500	153,500	172,000	191,100	215,000
Power	Power Input (Nominal)	Cooling ¹⁾	kW	5.00	6.85	8.77	10.25	11.40	12.45	14.59	
		Heating ²⁾	kW	5.10	6.65	9.30	10.15	11.60	11.90	13.90	
	Current Input (Nominal)	Cooling ¹⁾	A	8.00	11.00	14.10	16.40	18.30	20.00	23.40	
		Heating ²⁾	A	8.20	10.70	14.90	16.30	18.60	19.10	22.30	
COP	MCA		18.00 (MCA)	21.10 (MCA)	25.00 (MCA)	25.00 (MCA)	32.00 (MCA)	39.10 (MCA)	42.50 (MCA)		
	MFA		25.00	32.00	32.00	32.00	40.00	50.00	63.00		
Compressor	Nominal Cooling ¹⁾		4.48	4.09	3.83	3.90	3.95	4.05	3.84		
	Nominal Heating ²⁾		4.94	4.74	4.06	4.43	4.34	4.76	4.53		
Fan	Type		SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2		
	Output	kW x n	(4.39)	(6.39)	(6.39)	(6.39)	(4.39x2)	(6.39x2)	(6.39x2)		
	Model Name		DS-GA046FAVA x1	DS-GB066FAVB x1	DS-GB066FAVB x1	DS-GB066FAVB x1	DS-GA046FAVA x2	DS-GB066FAVB x2	DS-GB066FAVB x2		
Piping Connections	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	900	1100	1100	1100	1800	2200	2200		
	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
Field Wiring	Output x n	W	830.0 x1	830.0 x1	830.0 x1	620.0 x2	620.0 x2	620.0 x2	620.0 x2		
	Air Flow Rate	CMM	170	170	190	255	290	290	290		
	External Static Pressure	Max. mmAq	2,833.33	2,833.33	3,666.67	4,250.00	4,250.00	4,833.33	4,833.33		
Refrigerant	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	12.70	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	110.0	110.0	110.0	110.0	110.0	110.0	110.0		
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	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
Sound ³⁾	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.50	5.50	7.70	7.70	8.40	8.40			
External Dimension	Sound Pressure	dB(A)	57.0	58.0	62.0	61.0	63.0	64.0	65.0		
	Sound Power	dB(A)	77.0	79.0	81.0	81.0	83.0	86.0	87.0		
Operating Temp. Range	Net Weight	kg	186.0	197.0	239.0	239.0	269.0	307.0	307.0		
	Shipping Weight	kg	193.0	204.0	205.0	249.0	279.0	317.0	317.0		
Operating Temp. Range	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		

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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.

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DVMS SPECIFICATION Outdoor Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (380V) ENTRY				AM220JXVANH/TL	AM240KXVANH/TL	AM260KXVANH/TL	AM280KXVANH/TL	AM300KXVANH/TL	AM320KXVANH/TL	AM340KXVANH/TL	
Model Code											
Power Supply		Φ, #, V, Hz		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	3,4,380-415,50/60	3,4,380-415,50/60	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP			22.00	24.00	26.00	28.00	30.00	32.00	34.00	
		Ton	Ton	17.52	19.11	20.70	22.35	23.88	25.48	27.07	
	Capacity (Nominal)	Cooling			61.60	67.20	72.80	78.60	84.00	89.60	95.20
			Btu/h	Btu/h	210,200	229,300	248,400	268,200	286,600	305,700	324,800
					69.30	75.60	81.90	88.20	94.50	100.80	107.10
	Heating			236,500	258,000	279,500	301,000	322,400	343,900	365,400	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	17.35	17.10	18.91	20.68	22.70	24.20	26.12	
		Heating ²⁾	kW	16.70	17.42	18.00	20.18	20.59	23.35	26.00	
	Current Input (Nominal)	Cooling ¹⁾	A	27.80	27.40	30.30	33.20	36.40	38.80	41.90	
		Heating ²⁾	A	26.80	27.90	28.90	32.40	33.00	37.50	41.70	
	MCA			44.50 (MCA)	55.00 (MCA)	60.00 (MCA)	67.00 (MCA)	73.00 (MCA)	80.00 (MCA)	88.00 (MCA)	
	MFA			63.00	63.00	75.00	75.00	80.00	80.00	80.00	
COP	Nominal Cooling ¹⁾			3.55	3.93	3.85	3.80	3.70	3.70	3.64	
	Nominal Heating ²⁾			4.15	4.34	4.55	4.37	4.59	4.32	4.12	
Compressor	Type			SSC Scroll x 2	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			(6.39x2)	(6.39x2)	(6.39x2)	(6.76x2)	(7.81x2)	(6.39) + (6.39x2)	(6.39) + (6.39x2)	
	Model Name			DS-GB066FAVB x 2	DS-GB066FAVB x 2	DS-GB066FAVB x 2	DS-GB070FAVA x 2	DS4GJ5080FAVB x 2	DS-GB066FAVB x 3	DS-GB066FAVB x 3	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge			2200	2200	2200	2200	2800	3300	3300	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n			620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2	830.0 x 1 + 620.0 x 2	830.0 x 1 + 620.0 x 2	
	Air Flow Rate			290	340	340	340	340	170 + 290	190 + 290	
	External Static Pressure	Max.			4,833.33	5,666.67	5,666.67	5,666.67	5,666.67	2,833.33 + 4,833.33	3,666.67 + 4,833.33
				8.00	8.00	8.00	8.00	8.00	8.00	8.00	
Piping Connections	Liquid Pipe			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			28.58	34.92	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"	1 3/8"	
	Discharge Gas Pipe			-	-	-	-	-	-	-	
		Φ, inch		-	-	-	-	-	-	-	
	Oil Equalizing Pipe			-	-	-	-	-	-	-	
		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	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		
	Factory Charging	kg	8.40	12.50	12.50	14.00	14.00	13.90	13.90		
Sound ³⁾	Sound Pressure	dB(A)	66.0	66.0	66.0	69.0	69.0	-	-		
	Sound Power	dB(A)	89.0	89.0	89.0	90.0	90.0	-	-		
	Net Weight	kg	3070	333.0	333.0	342.0	350.0	1970 + 3070	198.0 + 3070		
External Dimension	Shipping Weight	kg	3170	355.0	355.0	364.0	372.0	204.0 + 3170	205.0 + 3170		
	Net Dimensions (WxHxD)	mm	1,295 x 1,695 x 765	1,295 x 1,795 x 765	1,295 x 1,795 x 765	1,295 x 1,795 x 765	1,295 x 1,795 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 1,987 x 832	1,363 x 1,987 x 832	1,363 x 1,987 x 832	1,363 x 1,987 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		

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DVMS HP (380V) ENTRY

Model Code		AM360KXVANH/TL	AM380KXVANH/TL	AM400KXVANH/TL	AM420KXVANH/TL	AM440KXVANH/TL	AM460KXVANH/TL	AM480KXVANH/TL	
Power Supply	Φ, #, V, Hz	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	3,4,380-415,50/60	3,4,380-415,50/60	
Mode		HEAT PUMP							
Performance	HP	36.00	36.00	40.00	42.00	44.00	46.00	48.00	
	Ton	28.89	30.31	31.85	33.44	35.03	36.68	38.22	
	Capacity (Nominal)	Cooling	101.60	106.60	112.00	117.60	123.20	129.00	134.40
		Btu/h	346,700	363,700	382,200	401,300	420,400	440,200	458,600
		Heating	114.30	119.70	126.00	132.30	138.60	144.90	151.20
	Btu/h	390,000	408,400	429,900	451,400	472,900	494,400	515,900	
Power	Power Input (Nominal)	Cooling ¹⁾	27.60	28.75	29.80	31.94	34.70	34.10	35.15
		Heating ²⁾	26.85	28.30	28.60	30.60	33.40	32.19	32.49
	Current Input (Nominal)	Cooling ¹⁾	44.20	46.10	47.80	51.20	55.60	54.70	56.40
		Heating ²⁾	43.10	45.40	45.90	49.10	53.60	51.60	52.10
		A							
	MCA	69.50 (MCA)	76.50 (MCA)	83.60 (MCA)	87.00 (MCA)	89.00 (MCA)	105.00 (MCA)	112.10 (MCA)	
	MFA	80.00	90.00	100.00	100.00	100.00	125.00	125.00	
COP	Nominal Cooling ¹⁾	-	3.68	3.76	3.68	3.55	3.78	3.82	
	Nominal Heating ²⁾	-	4.26	4.23	4.41	4.32	4.50	4.65	
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	
	Output	-	(6.39) + (6.39x2)	(4.39x2) + (6.39x2)	(6.39x2) + (6.39x2)	(6.39x2) + (6.39x2)	(6.39x2)x2	(4.39x2) + (7.81x2)	(6.39x2) + (7.81x2)
	Model Name	-	DS-GB066FAVB x 3	DS-GA046FAVA x 2 + DS-GB066FAVB x 2	DS-GB066FAVB x 4	DS-GB066FAVB x 4	DS-GB066FAVB x 4	DS-GA046FAVA x 2 + DS4GJ5080FVA x 2	DS-GB066FAVB x 2 + DS4GJ5080FVA x 2
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	-	3300	4000	4400	4400	4600	5000	
Fan	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	-	(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	-	255 + 290	255 + 290	290 x 2	290 x 2	255 + 340	290 + 340	
	External Static Pressure	Max.	4,250.00 + 4,833.33	4,250.00 + 4,833.33	4,833.33 x 2	4,833.33 x 2	4,250.00 + 5,666.67	4,833.33 + 5,666.67	
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	200	200	200	200	200	200	
		Max. Height	110.0	110.0	110.0	110.0	110.0	110.0	
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	16.10	16.10	16.80	16.80	21.70	22.40	
Sound ³⁾	Sound Pressure	dB(A)	-	-	-	-	-	-	
	Sound Power	dB(A)	-	-	-	-	-	-	
External Dimension	Net Weight	kg	239.0 + 307.0	269.0 + 307.0	307.0 x 2	307.0 x 2	269.0 + 350.0	307.0 + 350.0	
	Shipping Weight	kg	249.0 + 317.0	279.0 + 317.0	317.0 x 2	317.0 x 2	279.0 + 372.0	317.0 + 372.0	
	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	(1,295 x 1,695 x 765 + 1,295 x 1,795 x 765)	1,295 x 1,695 x 765 + 1,295 x 1,795 x 765	
	Shipping Dimensions (WxHxD)	mm	(1,363 x 1,887 x 832) x 2	(1,363 x 1,887 x 832) 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 + 1,363 x 1,987 x 832	1,363 x 1,887 x 832 + 1,363 x 1,987 x 832	
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-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	

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* 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (380V) ENTRY

Model Code		AM500KXVANH/TL	AM520KXVANH/TL	AM540KXVANH/TL	AM560KXVANH/TL	AM580KXVANH/TL	AM600KXVANH/TL	AM620KXVANH/TL		
Power Supply	Φ, #, V, Hz	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	3,4,380-415,50	3,4,380-415,50/60		
Mode		HEAT PUMP								
Performance	HP	50.00	52.00	54.00	56.00	58.00	60.00	62.00		
	Ton	39.81	41.40	42.99	44.58	46.23	47.77	49.36		
	Capacity (Nominal)	Cooling	140.00	145.60	151.20	156.80	162.60	168.00	173.60	
		Btu/h	477,700	496,800	515,900	535,000	554,800	573,200	592,300	
		Heating	157.50	163.80	170.10	176.40	182.70	189.00	195.30	
	Btu/h	537,400	558,900	580,400	601,900	623,400	644,800	666,400		
Power	Power Input (Nominal)	Cooling ¹⁾	37.29	40.05	39.80	41.61	43.38	45.40	46.90	
		Heating ²⁾	34.49	37.29	38.01	38.59	40.77	41.18	43.94	
	Current Input (Nominal)	Cooling ¹⁾	59.80	64.20	63.80	66.70	69.60	72.80	75.20	
		Heating ²⁾	55.30	59.80	60.90	61.90	65.40	66.00	70.50	
	MCA		115.50 (MCA)	117.50 (MCA)	128.00 (MCA)	133.00 (MCA)	140.00 (MCA)	146.00 (MCA)	138.60 (MCA)	
MFA	A	143.00	143.00	143.00	155.00	155.00	160.00	175.00		
COP	Nominal Cooling ¹⁾	-	3.75	3.64	3.80	3.77	3.75	3.70	3.70	
	Nominal Heating ²⁾	-	4.57	4.39	4.48	4.57	4.48	4.59	4.44	
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	-	(6.39x2) + (7.81x2)	(6.39x2) + (7.81x2)	(6.39x2) + (7.81x2)	(6.39x2) + (7.81x2)	(6.76x2) + (7.81x2)	(7.81x2)x2	(6.39) + (6.39x2) + (7.81x2)	
	Model Name	-	DS-GB066FAVB x 2 + DS4GJ5080FVA x 2	DS-GB066FAVB x 2 + DS4GJ5080FVA x 2	DS-GB066FAVB x 2 + DS4GJ5080FVA x 2	DS-GB066FAVB x 2 + DS4GJ5080FVA x 2	DS-GB070FAVA x 2 + DS4GJ5080FVA x 2	DS4GJ5080FVA x 4	DS-GB066FAVB x 3 + DS4GJ5080FVA x 2	
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	-	5000	5000	5000	5000	5600	6100		
Fan	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n	-	(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	830.0 x 1 + (620.0 x 2) x 2	
	Air Flow Rate	-	290 + 340	290 + 340	340 x 2	340 x 2	340 x 2	340 x 2	170 + 290 + 340	
	External Static Pressure	Max.	-	4,833.33 + 5,666.67	4,833.33 + 5,666.67	5,666.67 x 2	5,666.67 x 2	5,666.67 x 2	5,666.67 x 2	2,833.33 + 4,833.33 + 5,666.67
			-	8.00	8.00	8.00	8.00	8.00	8.00	8.00
		-	78.45	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	22.22		
		Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"		
	Gas Pipe	Φ, mm	41.28	41.28	41.28	41.28	41.28	53.98		
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	2 1/8"		
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-		
		Φ, inch	-	-	-	-	-	-		
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-		
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	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	22.40	22.40	26.50	26.50	28.00	27.90		
Sound ³⁾	Sound Pressure	dB(A)	-	-	-	-	-	-		
	Sound Power	dB(A)	-	-	-	-	-	-		
External Dimension	Net Weight	kg	307.0 + 350.0	307.0 + 350.0	333.0 + 350.0	333.0 + 350.0	342.0 + 350.0	350.0 x 2	197.0 + 307.0 + 350.0	
	Shipping Weight	kg	317.0 + 372.0	317.0 + 372.0	355.0 + 372.0	355.0 + 372.0	364.0 + 372.0	372.0 x 2	204.0 + 317.0 + 372.0	
	Net Dimensions (WxHxD)	mm	1,295 x 1,695 x 765 + 1,295 x 1,795 x 765	1,295 x 1,695 x 765 + 1,295 x 1,795 x 765	(1,295 x 1,795 x 765) x 2	(1,295 x 1,795 x 765) x 2	(1,295 x 1,795 x 765) x 2	(1,295 x 1,795 x 765) x 2	880 x 1,695 x 765 + 1,295 x 1,695 x 765 + 1,295 x 1,795 x 765	
	Shipping Dimensions (WxHxD)	mm	1,363 x 1,887 x 832 + 1,363 x 1,987 x 832	1,363 x 1,887 x 832 + 1,363 x 1,987 x 832	(1,363 x 1,987 x 832) x 2	(1,363 x 1,987 x 832) x 2	(1,363 x 1,987 x 832) x 2	(1,363 x 1,987 x 832) x 2	948 x 1,887 x 832 + 1,363 x 1,887 x 832 + 1,363 x 1,987 x 832	
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-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	

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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 Units



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DVM S HP (380V) ENTRY				AM640KXVANH/TL	AM660KXVANH/TL	AM680KXVANH/TL	AM700KXVANH/TL	AM720KXVANH/TL	AM740KXVANH/TL	AM760KXVANH/TL	
Model Code				AM640KXVANH/TL	AM660KXVANH/TL	AM680KXVANH/TL	AM700KXVANH/TL	AM720KXVANH/TL	AM740KXVANH/TL	AM760KXVANH/TL	
Power Supply	Φ, #, V, Hz			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	3,4,380-415,50/60	3,4,380-415,50/60	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP		64.00	64.00	64.00	70.00	70.00	74.00	76.00	
	Ton	Ton		50.96	52.78	54.20	55.73	57.32	58.92	60.51	
	Capacity (Nominal)	Cooling	kW	179.20	185.60	190.60	196.00	201.60	207.20	212.80	218.80
			Btu/h	611,400	633,300	650,300	668,800	687,900	707,000	726,100	746,100
	Heating	kW	201.60	208.80	214.20	220.50	226.80	233.10	239.40	246.00	
		Btu/h	687,900	712,400	730,900	752,400	773,900	795,400	816,900	839,400	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	48.82	50.30	51.45	52.50	54.64	57.40	59.99	62.71
		Heating ²⁾	kW	46.59	47.44	48.89	49.19	51.19	53.99	54.71	57.41
	Current Input (Nominal)	Cooling ¹⁾	A	78.30	80.60	82.50	84.20	87.60	92.00	91.60	96.60
		Heating ²⁾	A	74.70	76.10	78.40	78.90	82.10	86.60	87.70	91.60
MCA			142.50 (MCA)	142.50 (MCA)	149.50 (MCA)	156.60 (MCA)	160.00 (MCA)	162.00 (MCA)	162.00 (MCA)	172.50 (MCA)	
MFA			175.00	175.00	183.00	193.00	206.00	206.00	206.00	206.00	
COP	Nominal Cooling ¹⁾		3.67	3.69	3.70	3.73	3.69	3.61	3.61	3.72	
	Nominal Heating ²⁾		4.33	4.40	4.38	4.48	4.43	4.32	4.32	4.38	
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	SSC Scroll x 6	SSC Scroll x 6	
	Output	kW x n	(6.39) + (6.39x2) + (7.81x2)	(6.39) + (6.39x2) + (7.81x2)	(4.39x2) + (6.39x2) + (7.81x2)	(6.39x2) + (6.39x2) + (7.81x2)	(6.39x2) + (6.39x2) + (7.81x2)	(6.39x2) + (6.39x2) + (7.81x2)	(6.39x2) + (6.39x2) + (7.81x2)	(6.39x2) + (6.39x2) + (7.81x2)	
Model Name			DS-GB066FAVB x 3 + DS4GJ5080FVA x 2	DS-GB066FAVB x 3 + DS4GJ5080FVA x 2	DS-GA046FAVA x 2 + DS-GB066FAVB x 2 + DS4GJ5080FVA x 2	DS-GB066FAVB x 4 + DS4GJ5080FVA x 2	DS-GB066FAVB x 4 + DS4GJ5080FVA x 2	DS-GB066FAVB x 4 + DS4GJ5080FVA x 2	DS-GB066FAVB x 4 + DS4GJ5080FVA x 2	DS-GB066FAVB x 4 + DS4GJ5080FVA x 2	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
Initial Charge		cc	6100	6100	6800	7200	7200	7200	7200	7200	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	830.0 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	(620.0 x 2) x 3	
	Air Flow Rate	CMM	190 + 290 + 340	255 + 290 + 340	255 + 290 + 340	290 x 2 + 340	290 x 2 + 340	290 x 2 + 340	290 x 2 + 340	290 + 340 x 2	
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00	8.00	
Piping Connections	Liquid Pipe	Φ, mm	22.22	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"	7/8"	
	Gas Pipe	Φ, mm	53.98	53.98	53.98	53.98	53.98	53.98	53.98	53.98	
		Φ, inch	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	
	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	110.0	110.0	110.0	110.0	110.0	110.0	110.0		
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	0.75 - 1.5		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	27.90	30.10	30.10	30.80	30.80	30.80	30.80	34.90	
Sound ³⁾	Sound Pressure	dB(A)	-	-	-	-	-	-	-	-	
	Sound Power	dB(A)	-	-	-	-	-	-	-	-	
External Dimension	Net Weight	kg	198.0 + 307.0 + 350.0	239.0 + 307.0 + 350.0	269.0 + 307.0 + 350.0	307.0 x 2 + 350.0	307.0 x 2 + 350.0	307.0 x 2 + 350.0	307.0 x 2 + 350.0	307.0 + 333.0 + 350.0	
	Shipping Weight	kg	205.0 + 317.0 + 372.0	249.0 + 317.0 + 372.0	279.0 + 317.0 + 372.0	317.0 x 2 + 372.0	317.0 x 2 + 372.0	317.0 x 2 + 372.0	317.0 x 2 + 372.0	317.0 + 355.0 + 372.0	
	Net Dimensions (WxHxD)	mm	880 x 1,695 x 765 + 1,295 x 1,695 x 765 + 1,295 x 1,795 x 765	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	(1,295 x 1,695 x 765) x 2 + 1,295 x 1,795 x 765	1,295 x 1,695 x 765 + (1,295 x 1,795 x 765) x 2	
Shipping Dimensions (WxHxD)	mm	948 x 1,887 x 832 + 1,363 x 1,887 x 832 + 1,363 x 1,987 x 832	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832	(1,363 x 1,887 x 832) x 2 + 1,363 x 1,987 x 832	1,363 x 1,887 x 832 + (1,363 x 1,987 x 832) x 2		
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	-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	-25.0 ~ 24.0	

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 * 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.)

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DVM S HP (380V) ENTRY				AM780KXVANH/TL	AM800KXVANH/TL	AM820KXVANH/TL	AM840KXVANH/TL	AM860KXVANH/TL	AM880KXVANH/TL	AM900KXVANH/TL	
Model Code				3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	
Power Supply	Φ, #, V, Hz										
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP		78.00	80.00	82.00	84.00	86.00	88.00	90.00	
	Ton	Ton		62.10	63.75	65.28	66.88	68.47	70.12	71.66	
	Capacity (Nominal)	Cooling	kW	218.40	224.20	229.60	235.20	240.80	246.60	252.00	252.00
			Btu/h	745,200	765,000	783,400	802,500	821,600	841,400	859,800	879,200
	Heating	kW	245.70	252.00	258.30	264.60	270.90	277.20	283.50	283.50	
		Btu/h	838,400	859,900	881,300	902,800	924,300	945,800	967,200	967,200	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	58.96	60.73	62.75	62.50	64.31	66.08	68.10	
		Heating ²⁾	kW	55.29	57.47	57.88	58.60	59.18	61.36	61.77	
	Current Input (Nominal)	Cooling ¹⁾	A	94.50	97.40	100.60	100.20	103.10	106.00	109.20	
		Heating ²⁾	A	88.70	92.20	92.80	93.90	94.90	98.40	99.00	
MCA			177.50 (MCA)	184.50 (MCA)	190.50 (MCA)	201.00 (MCA)	206.00 (MCA)	213.00 (MCA)	219.00 (MCA)		
MFA			218.00	218.00	223.00	223.00	235.00	235.00	240.00		
COP	Nominal Cooling ¹⁾		-	3.70	3.69	3.66	3.76	3.74	3.73	3.70	
	Nominal Heating ²⁾		-	4.44	4.38	4.46	4.52	4.58	4.52	4.59	
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	SSC Scroll x 6	
	Output	kW x n		(6.39x2) + (6.39x2) + (7.81x2)	(6.39x2) + (6.76x2) + (7.81x2)	(6.39x2) + (7.81x2)x2	(6.39x2) + (7.81x2)x2	(6.39x2) + (7.81x2)x2	(6.39x2) + (7.81x2)x2	(7.81x2)x3	
	Model Name			DS-GB066FAVB x 4 + DS4GJ5080FVA x 2	DS-GB066FAVB x 2 + DS-GB070FAVA x 2 + DS4GJ5080FVA x 2	DS-GB066FAVB x 2 + DS4GJ5080FVA x 4	DS-GB066FAVB x 2 + DS4GJ5080FVA x 4	DS-GB066FAVB x 2 + DS4GJ5080FVA x 4	DS-GB070FAVA x 2 + DS4GJ5080FVA x 4	DS4GJ5080FVA x 6	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc		7200	7200	7800	7800	7800	8400	8400	
Fan	Type			Propeller	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	(620.0 x 2) x 3	(620.0 x 2) x 3	
	Air Flow Rate	CMM		290 + 340 x 2	290 + 340 x 2	340 x 3	340 x 3	340 x 3	340 x 3	340 x 3	
		l/s		4,833.33 + 5,666.67 x 2	4,833.33 + 5,666.67 x 2	4,833.33 + 5,666.67 x 2	5,666.67 x 3	5,666.67 x 3	5,666.67 x 3	5,666.67 x 3	
External Static Pressure	Max.	mmAq		8.00	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	78.45	
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"	
	Gas Pipe	Φ, mm		53.98	53.98	53.98	53.98	53.98	53.98	53.98	
		Φ, inch		21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	
	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		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		34.90	36.40	36.40	40.50	40.50	42.00		
Sound ³⁾	Sound Pressure	dB(A)		-	-	-	-	-	-		
	Sound Power	dB(A)		-	-	-	-	-	-		
External Dimension	Net Weight	kg		307.0 + 333.0 + 350.0	307.0 + 342.0 + 350.0	307.0 + 350.0 x 2	333.0 + 350.0 x 2	333.0 + 350.0 x 2	342.0 + 350.0 x 2	350.0 x 3	
	Shipping Weight	kg		317.0 + 355.0 + 372.0	317.0 + 364.0 + 372.0	317.0 + 372.0 x 2	355.0 + 372.0 x 2	355.0 + 372.0 x 2	364.0 + 372.0 x 2	372.0 x 3	
	Net Dimensions (WxHxD)	mm		1,295 x 1,695 x 765 + (1,295 x 1,795 x 765) x 2	1,295 x 1,695 x 765 + (1,295 x 1,795 x 765) x 2	1,295 x 1,695 x 765 + (1,295 x 1,795 x 765) x 2	(1,295 x 1,795 x 765) x 3	(1,295 x 1,795 x 765) x 3	(1,295 x 1,795 x 765) x 3	(1,295 x 1,795 x 765) x 3	
		mm		1,363 x 1,887 x 832 + (1,363 x 1,987 x 832) x 2	1,363 x 1,887 x 832 + (1,363 x 1,987 x 832) x 2	1,363 x 1,887 x 832 + (1,363 x 1,987 x 832) x 2	(1,363 x 1,987 x 832) x 3	(1,363 x 1,987 x 832) x 3	(1,363 x 1,987 x 832) x 3	(1,363 x 1,987 x 832) x 3	
Operating Temp. Range	Cooling	°C		-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-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	

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (460V) AHRI			AM072FXVAJH2AA	AM096FXVAJH2AA	AM120FXVAJH2AA	AM144FXVAJH2AA	AM168HXVAJH2AA	AM192HXVAJH2AA	AM216JXVAJH2AA	
Model Code			AM072FXVAJH2AA	AM096FXVAJH2AA	AM120FXVAJH2AA	AM144FXVAJH2AA	AM168HXVAJH2AA	AM192HXVAJH2AA	AM216JXVAJH2AA	
Power Supply	Φ, #, V, Hz		3,346,60	3,346,60	3,346,60	3,346,060	3,346,060	3,346,060	3,346,060	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	7.50	10.00	12.50	15.00	20.00	22.50	22.50	
	Ton	Ton	6.00	8.00	10.00	12.00	14.00	16.00	18.00	
	Capacity (Nominal)	Cooling	kW	21.10	28.13	35.17	42.20	49.24	56.27	63.30
		Heating	Btu/h	72,000	96,000	120,000	144,000	168,000	192,000	216,000
Power	Power Input (Nominal)	Cooling ¹⁾	kW	4.34	6.13	8.59	10.79	13.86	16.44	
		Heating ²⁾	kW	4.80	6.64	8.92	11.14	13.64	16.33	
	Current Input (Nominal)	Cooling ¹⁾	A	5.92	8.36	11.72	14.72	18.91	22.43	
		Heating ²⁾	A	6.55	9.06	12.17	15.20	18.61	22.28	
	MCA		16.40 (MCA)	19.00 (MCA)	21.70 (MCA)	28.70 (MCA)	33.00 (MCA)	37.00 (MCA)	45.10 (MCA)	
	MFA		20.00	25.00	30.00	40.00	40.00	50.00	60.00	
COP	Nominal Cooling ¹⁾		4.86	4.59	4.09	3.91	3.55	3.42	4.18	
	Nominal Heating ²⁾		4.95	4.77	4.43	4.26	4.06	3.88	4.47	
Compressor	Type		SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x3	
	Output	kW x n	(5.18)	(6.39)	(6.39)	(5.18x2)	(5.18x2)	(6.39x2)	(5.18) + (5.18x2)	
	Model Name		DS-GB052FAVBBSG x1	DS-GB066FAVBBSG x1	DS-GB066FAVBBSG x1	DS-GB052FAVBBSG x2	DS-GB052FAVBBSG x2	DS-GB066FAVBBSG x2	DS-GB052FAVBBSG x3	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	1100	1100	1100	2200	2200	2200	3300	
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	630.0 x 1 + 620.0 x 2	
	Air Flow Rate	CMM	205	260	260	270	310	310	205 + 270	
	External Static Pressure	Max.	mmAq	3,416.67	4,333.33	4,333.33	4,500.00	5,166.67	5,166.67	3,416.67 + 4,500.00
		Pa	8.00	8.00	8.00	8.00	8.00	8.00	8.00	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	15.88	15.88	15.88	
		Φ, inch	3/8"	3/8"	1/2"	1/2"	5/8"	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	110.0	110.0	110.0	110.0	110.0	110.0		
Field Wiring	Power Source Wire	mm ²	AWG	AWG	AWG	AWG	AWG	AWG		
	Transmission Cable	mm ²	AWG	AWG	AWG	AWG	AWG	AWG		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.50	7.40	7.40	8.70	11.00	11.00		
Sound ³⁾	Sound Pressure	dB(A)	60.0	61.0	61.0	62.0	63.0	64.0		
	Sound Power	dB(A)	77.0	81.0	81.0	83.0	85.0	86.0		
External Dimension	Net Weight	kg	192.5	243.0	243.0	303.0	322.0	330.0		
	Shipping Weight	kg	208.5	262.0	262.0	322.0	339.0	347.0		
	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	880 x 1,695 x 765 + 1,295 x 1,695 x 765	
Operating Temp. Range	Cooling	°C	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	948 x 1,887 x 832 + 1,363 x 1,887 x 832	
	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	
			-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9	-25.0 ~ 23.9		

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVM S HP (460V) AHRI				AM216KXVGJH/AA	AM240JXVAJH2AA	AM264JXVAJH2AA	AM288JXVAJH2AA	AM312JXVAJH2AA	AM336JXVAJH2AA	AM360JXVAJH2AA	AM384JXVAJH2AA	
Power Supply	Φ, #, V, Hz			3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP		22.50	25.00	27.50	30.00	32.50	35.00	37.50	40.00	
	Ton	Ton		18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	
	Capacity (Nominal)	Cooling	kW		63.30	70.34	77.37	84.40	91.44	98.48	105.51	112.54
			Btu/h		216,000	240,000	264,000	288,000	312,000	336,000	360,000	384,000
			kW		71.22	79.13	87.04	94.96	102.87	110.78	118.69	126.60
Btu/h				243,000	270,000	297,000	324,000	351,000	378,000	405,000	432,000	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	18.40	18.20	20.78	21.58	24.65	27.72	30.30	32.88	
		Heating ²⁾	kW	16.44	18.44	21.13	22.28	24.78	27.28	29.97	32.66	
	Current Input (Nominal)	Cooling ¹⁾	A	25.10	24.83	28.35	29.44	33.63	37.82	41.34	44.86	
		Heating ²⁾	A	22.40	25.16	28.83	30.40	33.81	37.22	40.89	44.56	
	MCA			42.80 (MCA)	49.40 (MCA)	53.40 (MCA)	57.40 (MCA)	61.70 (MCA)	66.00 (MCA)	70.00 (MCA)	74.00 (MCA)	
MFA			60.00	60.00	70.00	80.00	80.00	80.00	90.00	100.00		
COP	Nominal Cooling ¹⁾			3.44	3.86	3.72	3.91	3.71	3.55	3.48	3.42	
	Nominal Heating ²⁾			4.33	4.29	4.12	4.26	4.15	4.06	3.96	3.88	
Compressor	Type			SSC Scroll x 2	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	
	Output	kW x n		(6.39x2)	(5.18) + (5.18x2)	(5.18) + (6.39x2)	(5.18x2)x2	(5.18x2) + (5.18x2)	(5.18x2)x2	(5.18x2) + (6.39x2)	(6.39x2)x2	
	Model Name			DS-GB066FAVB x 2	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	DS-GB066FAVBSG x 4	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc		2200	3300	3300	4400	4400	4400	4400	4400	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W		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	CMM		340	205 + 310	205 + 310	270 + 310	270 + 310	310 x 2	310 x 2	310 x 2	
		l/s		5,666.67	3,416.67 + 5,166.67	3,416.67 + 5,166.67	4,500.00 x 2	4,500.00 + 5,166.67	5,166.67 x 2	5,166.67 x 2	5,166.67 x 2	
	External Static Pressure	mmAq	Max.		8.00	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	78.45		
Piping Connections	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	41.28	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"	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	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		-	AWG	AWG	AWG	AWG	AWG	AWG		
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg		12.50	16.50	16.50	17.40	19.70	22.00	22.00		
Sound ³⁾	Sound Pressure	dB(A)		66.0	65.0	65.0	65.0	66.0	66.0	67.0		
	Sound Power	dB(A)		89.0	86.0	87.0	86.0	87.0	88.0	87.0		
External Dimension	Net Weight	kg		340.0	192.5 + 322.0	192.5 + 330.0	303.0 x 2	303.0 + 322.0	322.0 x 2	322.0 + 330.0	330.0 x 2	
	Shipping Weight	kg		362.0	208.5 + 339.0	208.5 + 347.0	322.0 x 2	322.0 + 339.0	339.0 x 2	339.0 + 347.0	347.0 x 2	
	Net Dimensions (WxHxD)	mm		1,295 x 1,795 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	
Shipping Dimensions (WxHxD)	mm		1,363 x 1,987 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	(1,363 x 1,887 x 832) x 2		
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	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	
	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	

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 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.
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- Comfortable & Reliable Operation

DVM S HP (460V) AHRI			AM408JXVAJH2AA	AM408KXVGJH2AA	AM432JXVAJH2AA	AM432KXVGJH2AA	AM456JXVAJH2AA	AM480JXVAJH2AA	AM504JXVAJH2AA	AM528JXVAJH2AA	
Power Supply	Φ, #, V, Hz		3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	42.50	42.50	45.00	45.00	47.50	50.00	52.50	55.00	
	Ton	Ton	34.00	34.00	36.00	36.00	38.00	40.00	42.00	44.00	
	Capacity (Nominal)	Cooling	kW	119.57	119.57	126.60	126.60	133.65	140.68	147.72	154.75
			Btu/h	408,000	408,000	432,000	432,000	456,000	480,000	504,000	528,000
			kW	134.52	134.52	142.44	142.44	150.34	158.26	166.17	174.08
Btu/h			459,000	459,000	486,000	486,000	513,000	540,000	567,000	594,000	
Power	Power Input (Nominal)	Cooling ¹⁾	31.57	34.84	32.37	36.87	36.31	38.51	41.58	44.16	
		Heating ²⁾	32.27	32.77	33.42	32.88	36.20	38.42	40.92	43.61	
	Current Input (Nominal)	Cooling ¹⁾	43.07	47.53	44.16	50.20	49.54	52.54	56.73	60.25	
		Heating ²⁾	44.02	44.68	45.59	44.80	49.39	52.41	55.83	59.50	
	MCA		82.10 (MCA)	79.80 (MCA)	86.10 (MCA)	85.60 (MCA)	87.70 (MCA)	94.70 (MCA)	99.00 (MCA)	103.00 (MCA)	
MFA	A	110.00	110.00	120.00	120.00	110.00	120.00	120.00	130.00		
COP	Nominal Cooling ¹⁾		3.79	3.43	3.91	3.44	3.68	3.65	3.55	3.50	
	Nominal Heating ²⁾		4.17	4.10	4.26	4.33	4.15	4.12	4.06	3.99	
Compressor	Type		SSC Scroll x 5	SSC Scroll x 4	SSC Scroll x 6	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	
	Output	kW x n	(5.18) + (5.18x2) + (6.39x2)	(6.39x2) + (6.39x2)	(5.18x2)x3	(6.39x2)x2	(6.39) + (5.18x2)x2	(5.18x2) + (5.18x2)x2	(5.18x2)x3	(5.18x2)x2 + (6.39x2)	
	Model Name		DS-GB052FAVBSG x 3 + DS-GB066FAVBSG x 2	DS-GB066FAVB x 2 + DS-GB066FAVBSG x 2	DS-GB052FAVBSG x 6	DS-GB066FAVB x 4	DS-GB066FAVBSG x 1 + DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 6	DS-GB052FAVBSG x 6	DS-GB052FAVBSG x 4 + DS-GB066FAVBSG x 2	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
Initial Charge	cc	5500	4400	6600	4400	5500	6600	6600	6600		
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	630.0 x 1 + (620.0 x 2) x 2	(620.0 x 2) x 2	(620.0 x 2) x 3	(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	
	Air Flow Rate	CMM	205 + 270 + 310	340 + 310	270 x 3	340 x 2	260 + 310 x 2	270 + 310 x 2	310 x 3	310 x 3	
	External Static Pressure	Max. l/s	3,416.67 + 4,500.00 + 5,166.67	5,666.67 + 5,166.67	4,500.00 x 3	5,666.67 x 2	4,333.33 + 5,166.67 x 2	4,500.00 + 5,166.67 x 2	5,166.67 x 3	5,166.67 x 3	
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	-	-	-	-	-	-	-	-	
		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	AWG	AWG	AWG	-	AWG	AWG	AWG		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	25.20	23.50	26.10	25.00	29.40	30.70	33.00	33.00	
Sound ³⁾	Sound Pressure	dB(A)	67.0	68.0	67.0	69.0	67.0	67.0	68.0	68.0	
	Sound Power	dB(A)	88.0	91.0	88.0	92.0	89.0	89.0	90.0	90.0	
External Dimension	Net Weight	kg	192.5 + 303.0 + 330.0	340.0 + 330.0	303.0 x 3	340.0 x 2	243.0 + 322.0 x 2	303.0 + 322.0 x 2	322.0 x 3	322.0 x 2 + 330.0	
	Shipping Weight	kg	208.5 + 322.0 + 347.0	362.0 + 347.0	322.0 x 3	362.0 x 2	262.0 + 339.0 x 2	322.0 + 339.0 x 2	339.0 x 3	339.0 x 2 + 347.0	
	Net Dimensions (WxHxD)	mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	1,295 x 1,795 x 765 + 1,295 x 1,695 x 765	(1,295 x 1,695 x 765) x 3	(1,295 x 1,795 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	
	Shipping Dimensions (WxHxD)	mm	948 x 1,887 x 832 + (1,363 x 1,887 x 832) x 2	1,363 x 1,987 x 832 + 1,363 x 1,887 x 832	(1,363 x 1,887 x 832) x 3	(1,363 x 1,987 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	
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	-5.0 ~ 48.9	-5.0 ~ 48.9	-5.0 ~ 48.9	
	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	

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 * 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (460V) STANDARD

Model Code		AM080JXVAJH/AZ	AM100JXVAJH/AZ	AM120JXVAJH/AZ	AM140JXVAJH/AZ	AM160JXVAJH/AZ	AM180JXVAJH/AZ	AM200JXVAJH/AZ	
Power Supply	Φ, #, V, Hz	3,346,60	3,346,60	3,346,60	3,346,060	3,346,060	3,346,060	3,346,060	
Mode	-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	8.00	10.00	12.00	14.00	16.00	18.00	20.00	
	Ton	6.37	7.96	9.55	11.37	12.79	14.33	15.92	
	Capacity (Nominal)	Cooling	22.39	27.99	33.59	40.00	44.99	50.41	56.01
		Heating	25.20	31.51	37.81	44.99	50.41	56.71	63.01
Power	Power Input (Nominal)	4.35	5.50	7.22	8.47	10.64	10.66	11.45	
	Current Input (Nominal)	6.10	7.70	10.10	11.80	14.80	14.90	16.00	
	MCA	17.40 (MCA)	18.90 (MCA)	20.60 (MCA)	25.00 (MCA)	28.10 (MCA)	33.80 (MCA)	41.80 (MCA)	
	MFA	25.00	25.00	32.00	32.00	40.00	50.00	63.00	
	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	4.90	4.89	5.45	4.96
COP	Type	-	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	
	Output	-	(4.39)	(6.39)	(4.39x2)	(4.39x2)	(6.39x2)	(6.39x2)	
	Model Name	-	DS-GA046FAVASG x1	DS-GB066FAVBSG x1	DS-GA046FAVASG x2	DS-GA046FAVASG x2	DS4GJ066FAVBSG x2	DS-GB066FAVBSG x2	
Compressor	Oil	-	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	-	900	1100	1800	1800	2200	2200	
Fan	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	-	830.0 x1	830.0 x1	620.0 x2	620.0 x2	620.0 x2	620.0 x2	
	Air Flow Rate	-	170	170	220	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
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	15.88	15.88	
	Gas Pipe	Φ, inch	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	
	Discharge Gas Pipe	Φ, mm	19.05	22.22	28.58	28.58	28.58	28.58	
	Oil Equalizing Pipe	Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
	Installation Limitation	Max. Length	m	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	
	Factory Charging	kg	5.50	5.50	6.50	7.70	8.40	8.40	
Sound ³⁾	Sound Pressure	dB(A)	57.0	58.0	62.0	61.0	63.0	65.0	
	Sound Power	dB(A)	77.0	79.0	81.0	63.0	65.0	67.0	
External Dimension	Net Weight	kg	179.0	186.0	197.0	281.0	295.0	295.0	
	Shipping Weight	kg	195.0	202.0	213.0	300.0	314.0	314.0	
	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	
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	

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (460V) STANDARD

Model Code		AM220JXVAJH/AZ	AM240JXVAJH/AZ	AM260JXVAJH/AZ	AM280JXVAJH/AZ	AM300JXVAJH/AZ	AM320JXVAJH/AZ	AM340JXVAJH/AZ		
Power Supply	Φ, #, V, Hz	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060		
Mode		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP		
Performance	HP	22.00	24.00	26.00	28.00	30.00	32.00	34.00		
	Ton	17.52	19.10	20.93	22.35	23.88	25.48	27.07		
	Capacity (Nominal)	Cooling	kW	61.60	67.18	73.59	78.58	84.00	89.60	
			Btu/h	210,200	229,300	251,100	268,200	286,600	305,700	324,800
			Heating	kW	69.31	75.62	82.80	88.22	94.52	100.82
Btu/h	236,500	258,000	282,500	301,000	322,400	343,900	365,400			
Power	Power Input (Nominal)	Cooling ¹⁾	15.35	14.44	15.69	17.86	17.88	18.67	22.57	
		Heating ²⁾	15.80	14.80	16.58	17.70	17.80	20.10	23.20	
	Current Input (Nominal)	Cooling ¹⁾	21.40	20.20	21.90	24.90	25.00	26.10	31.50	
		Heating ²⁾	22.00	20.60	23.10	24.70	24.80	28.00	32.30	
	MCA	A	46.00 (MCA)	-	-	-	-	-	-	
MFA	A	63.00	-	-	-	-	-	-		
COP	Nominal Cooling ¹⁾	-	4.01	4.65	4.40	4.70	4.80	4.22		
	Nominal Heating ²⁾	-	4.39	5.11	4.99	4.98	5.31	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		
	Output	-	(6.39x2)	(6.39)x2	(6.39) + (4.39x2)	(6.39) + (4.39x2)	(6.39) + (6.39x2)	(6.39) + (6.39x2)	(6.39) + (6.39x2)	
	Model Name	-	DS-GB066FAVBSG x 2	DS-GB066FAVBSG x 2	DS-GB066FAVBSG x 1 + DS-GA046FAVBSG x 2	DS-GB066FAVBSG x 1 + DS-GA046FAVBSG x 2	DS-GB066FAVBSG x 3	DS-GB066FAVBSG x 3	DS-GB066FAVBSG x 3	
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	-	2200	2900	2900	3300	3300	3300		
Fan	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n	-	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	830.0 x 1 + 620.0 x 2	
	Air Flow Rate	-	290	220 x 255	220 + 255	220 + 265	220 + 260	220 + 290		
	External Static Pressure	Max.	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	3,666.67 + 4,833.33	
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"	3/4"	
	Gas Pipe	Φ, mm	28.58	34.92	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"	1 3/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
Installation Limitation	Max. Length	200	200	200	200	200	200	200		
	Max. Height	110.0	110.0	110.0	110.0	110.0	110.0	110.0		
Field Wiring	Power Source Wire	-	-	-	-	-	-	-		
	Transmission Cable	-	-	-	-	-	-	-		
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	8.40	13.00	14.20	14.20	14.90	14.90		
Sound ³⁾	Sound Pressure	dB(A)	66	65.0	65.0	66.0	66.0	67		
	Sound Power	dB(A)	68.0	67.0	67.0	68.0	68.0	69.0		
External Dimension	Net Weight	kg	295.0	197.0 x 2	197.0 + 281.0	197.0 + 281.0	197.0 + 295.0	197.0 + 295.0		
	Shipping Weight	kg	314.0	213.0 x 2	213.0 + 300.0	213.0 + 300.0	213.0 + 314.0	213.0 + 314.0		
	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	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	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		

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

2) 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 Units



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
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DVM S HP (460V) STANDARD				AM360JXVAJH/AZ	AM380JXVAJH/AZ	AM400JXVAJH/AZ	AM420JXVAJH/AZ	AM440JXVAJH/AZ	AM460JXVAJH/AZ	AM480JXVAJH/AZ	
Model Code											
Power Supply	Φ, #, V, Hz		3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	36.00	36.00	40.00	42.00	44.00	46.00	48.00	48.00	
	Ton	Ton	28.89	30.31	31.85	33.44	35.03	36.62	38.44	38.44	
	Capacity (Nominal)	Cooling	kW	101.61	106.59	112.01	117.61	123.21	128.78	135.19	135.19
			Btu/h	346,700	363,700	382,200	401,300	420,400	439,500	461,300	461,300
			Heating	kW	114.30	119.72	126.02	132.32	138.62	144.93	152.11
		Btu/h	390,000	408,400	429,900	451,400	472,900	494,400	519,000	519,000	
Power	Power Input (Nominal)	Cooling ¹⁾	23.82	25.99	22.90	26.80	30.70	29.79	31.04	31.04	
		Heating ²⁾	24.98	26.10	25.40	28.50	31.60	30.60	32.38	32.38	
	Current Input (Nominal)	Cooling ¹⁾	33.20	36.20	32.00	37.40	42.80	41.60	43.30	43.30	
		Heating ²⁾	34.80	36.40	35.40	39.70	44.00	42.60	45.10	45.10	
	MCA		-	-	-	-	-	-	-	-	
MFA		-	-	-	-	-	-	-	-		
COP	Nominal Cooling ¹⁾		4.27	4.10	4.89	4.39	4.01	4.32	4.36	4.36	
	Nominal Heating ²⁾		4.58	4.59	4.96	4.64	4.39	4.74	4.70	4.70	
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	SSC Scroll x 4	SSC Scroll x 5	
	Output	kW x n	(4.39x2) + (6.39x2)	(4.39x2) + (6.39x2)	(6.39x2)x2	(6.39x2) + (6.39x2)	(6.39x2)x2	(6.39x2)x2	(6.39x2) + (6.39x2)	(6.39) + (4.39x2) + (6.39x2)	
	Model Name		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	DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 3 + DS-GA046FAVASG x 2	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	4000	4000	4400	4400	4400	4400	5100		
Fan	Type		Propeller	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	(620.0 x 2) x 2	(830.0 x 1) x 2 + 620.0 x 2	830.0 x 1 + (620.0 x 2) x 2		
	Air Flow Rate	CMM	255 + 290	255 + 290	265 x 2	265 + 290	290 x 2	220 x 2 + 290	220 x 2 + 290		
External Static Pressure		l/s	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	3,666.67 x 2 + 4,833.33	3,666.67 + 4,250.00 + 4,833.33		
	Max.	mmAq	8.00	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	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	110.0	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	16.80	21.40			
Sound ³⁾	Sound Pressure	dB(A)	67	68.0	68.0	69.0	69	69.0			
	Sound Power	dB(A)	69.0	70.0	70.0	71.0	71.0	71.0			
External Dimension	Net Weight	kg	281.0 + 295.0	281.0 + 295.0	295.0 x 2	295.0 x 2	295.0 x 2	197.0 X 2 + 295.0	197.0 + 281.0 + 295.0		
	Shipping Weight	kg	300.0 + 314.0	300.0 + 314.0	314.0 x 2	314.0 x 2	314.0 x 2	213.0 X 2 + 314.0	213.0 + 300.0 + 314.0		
	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	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2		
Shipping Dimensions (WxHxD)	mm	(1,363 x 1,887 x 832) x 2	(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 + (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		

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (460V) STANDARD

Model Code		AM500JXVAJH/AZ	AM520JXVAJH/AZ	AM540JXVAJH/AZ	AM560JXVAJH/AZ	AM580JXVAJH/AZ	AM600JXVAJH/AZ	AM620JXVAJH/AZ	AM640JXVAJH/AZ	
Power Supply	Φ, #, V, Hz	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	
Mode	-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00	
	Ton	39.87	41.40	42.99	44.59	46.41	47.83	49.36	50.95	
	Capacity (Nominal)	Cooling	140.18	145.60	151.20	156.79	163.21	168.19	173.62	179.21
		Btu/h	478,400	496,800	515,900	535,000	556,900	573,900	592,300	611,500
		Heating	157.53	163.83	170.13	176.43	183.61	189.03	195.33	201.63
Btu/h	537,400	558,900	580,400	601,900	626,500	644,900	666,400	687,900		
Power	Power Input (Nominal)	Cooling ¹⁾	33.21	33.23	34.02	34.97	35.97	37.00	38.25	42.15
	Heating ²⁾	33.50	33.60	35.90	39.00	40.78	41.90	41.20	44.30	
	Current Input (Nominal)	Cooling ¹⁾	46.30	46.40	47.50	52.90	54.60	57.60	53.40	58.80
	Heating ²⁾	46.70	46.80	50.00	54.30	56.80	58.40	57.40	61.70	
	MCA	-	-	-	-	-	-	-	-	-
MFA	A	-	-	-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾	-	4.22	4.38	4.44	4.17	4.07	4.54	4.25	
	Nominal Heating ²⁾	-	4.70	4.88	4.74	4.50	4.51	4.74	4.55	
Compressor	Type	-	SSC Scroll x 5	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	(6.39) + (4.39x2) + (6.39x2)	(6.39 x 1) x 1 + (6.39 x 2) x 2	(6.39) + (6.39x2) + (6.39x2)	(6.39) + (6.39x2)x2	(4.39x2) + (6.39x2)x2	(4.39x2) + (6.39x2)x2	(6.39x2)x2 + (6.39x2)	(6.39x2) + (6.39x2)x2
	Model Name	-	DS-GB066FAVBSG x 3 + DS-GA046FAVASG x 2	(DS-GB066FAV* x 1) x 1 + (DS-GB066FAV* x 2) x 2	DS-GB066FAVBSG x 5	DS-GB066FAVBSG x 5	DS-GA046FAVASG x 2 + DS-GB066FAVBSG x 4	DS-GA046FAVASG x 2 + DS-GB066FAVBSG x 4	DS-GB066FAVBSG x 6	DS-GB066FAVBSG x 6
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	5100	5500	5500	6200	6200	6600	6600	
Fan	Type	-	Propeller	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	(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	CMM	220 + 255 + 290	220 + 260 + 290	220 + 265 + 290	255 + 290 x 2	265 + 290 x 2	265 + 290 x 2	265 + 290 x 2	
External Static Pressure	Max.	mmAq	8.00	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	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	19.05	22.22	22.22	
	Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"		
	Gas Pipe	Φ, mm	41.28	41.28	41.28	41.28	41.28	53.98	53.98	
	Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	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	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	22.60	23.30	23.30	23.30	24.50	25.20	25.20	
Sound ³⁾	Sound Pressure	dB(A)	69.0	69	69	70	70	70	70	
	Sound Power	dB(A)	71.0	71.0	71.0	72.0	72.0	72.0	72.0	
External Dimension	Net Weight	kg	197.0 + 281.0 + 295.0	197.0 + 295.0 X 2	197.0 + 295.0 X 2	197.0 + 295.0 X 2	281.0 + 295.0 x 2	281.0 + 295.0 x 2	295.0 x 3	
	Shipping Weight	kg	213.0 + 300.0 + 314.0	213.0 + 314.0 X 2	213.0 + 314.0 X 2	213.0 + 314.0 X 2	300.0 + 314.0 x 2	300.0 + 314.0 x 2	314.0 x 3	
	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	(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	(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	-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	

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS HP (460V) STANDARD

Model Code	AM660JXVAJH/AZ	AM680JXVAJH/AZ	AM700JXVAJH/AZ	AM720JXVAJH/AZ	AM740JXVAJH/AZ	AM760JXVAJH/AZ	AM780JXVAJH/AZ	AM800JXVAJH/AZ	
Power Supply	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	3,346,060	
Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP	66.00	68.00	70.00	72.00	74.00	76.00	78.00	
	Ton	52.55	54.14	55.96	57.38	58.92	60.51	62.10	
	Capacity (Nominal)	184.81	190.38	196.79	201.78	207.20	212.80	218.39	
	Cooling	630,600	649,700	671,500	688,600	707,000	726,100	745,200	
	Heating	207.93	214.24	221.42	226.84	233.14	239.44	245.74	
Power	Power Input (Nominal)	46.05	45.14	46.39	48.56	48.58	49.37	54.52	
	Heating	47.40	46.40	48.18	49.30	49.40	51.70	54.80	
	Current Input (Nominal)	64.20	63.00	64.70	67.70	67.80	68.90	74.30	
	Heating	66.00	64.60	67.10	68.70	68.80	72.00	76.30	
	MCA	-	-	-	-	-	-	-	-
COP	Nominal Cooling	4.01	4.22	4.24	4.16	4.27	4.31	4.10	
	Nominal Heating	4.39	4.62	4.60	4.60	4.72	4.63	4.48	
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 8	
	Output	(6.39x2)x3	(6.39)x2 + (6.39x2)x2	(6.39) + (4.39x2) + (6.39x2)x2	(6.39) + (4.39x2) + (6.39x2)x2	(6.39 x 1) x 1 + (6.39 x 2) x 3	(6.39) + (6.39x2) + (6.39x2)x2	(6.39) + (6.39x2)x3	(4.39x2) + (6.39x2)x3
	Model Name	DS-GB066FAVBBSG x 6	DS-GB066FAVBBSG x 6	DS-GB066FAVBBSG x 5 + DS-GA046FAVASG x 2	DS-GB066FAVBBSG x 5 + DS-GA046FAVASG x 2	(DS-GB066FAV* x 1) x 1 + (DS-GB066FAV* x 2) x 3	DS-GB066FAVBBSG x 7	DS-GB066FAVBBSG x 7	DS-GA046FAVASG x 2 + DS-GB066FAVBBSG x 6
Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	6600	6600	7300	7300	7700	7700	8400	
Fan	Type	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	(620.0 x 2) x 3	(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	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	290 x 3	220 x 2 + 290 x 2	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	4,833.33 x 3	3,666.67 x 2 + 4,833.33 x 2	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	22.22	22.22	22.22	22.22	22.22	22.22	22.22	
	Gas Pipe	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	21/8"	
	Discharge Gas Pipe	-	-	-	-	-	-	-	
	Oil Equalizing Pipe	-	-	-	-	-	-	-	
	Installation Limitation	200	200	200	200	200	200	200	
	Max. Length	110.0	110.0	110.0	110.0	110.0	110.0	110.0	
	Max. Height	-	-	-	-	-	-	-	
Field Wiring	Power Source Wire	-	-	-	-	-	-	-	
	Transmission Cable	-	-	-	-	-	-	-	
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	25.20	29.80	31.00	31.00	31.70	31.70	32.90	
Sound ³⁾	Sound Pressure	71	70	70	71.0	71.0	71	71	
	Sound Power	73.0	72.0	72.0	73.0	73.0	73.0	73.0	
External Dimension	Net Weight	295.0 x 3	197.0 x 2 + 295.0 x 2	197.0 + 281.0 + 295.0 x 2	197.0 + 281.0 + 295.0 x 2	197.0 + 295.0 x 3	197.0 + 295.0 x 3	197.0 + 295.0 x 3	
	Shipping Weight	314.0 x 3	213.0 x 2 + 314.0 x 2	213.0 + 300.0 + 314.0 x 2	213.0 + 300.0 + 314.0 x 2	213.0 + 314.0 x 3	213.0 + 314.0 x 3	300.0 + 314.0 x 3	
	Net Dimensions (WxHxD)	(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 + (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	
Operating Temp. Range	Cooling	-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	-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	

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVM S CO (220V) STANDARD				AM080MXVAF/AZ	AM100MXVAF/AZ	AM120MXVAF/AZ	AM140MXVAF/AZ	AM160MXVAF/AZ	AM180MXVAF/AZ	AM200MXVAF/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			COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	HP	8.00	10.00	12.00	14.00	16.00	18.00	20.00	20.00	
		Ton	6.37	7.96	9.55	11.37	12.79	14.33	15.92	15.92	
	Capacity (Nominal)	Cooling	kW	22.40	28.00	33.60	40.00	45.00	50.40	56.00	56.00
			Btu/h	76,400	95,500	114,600	136,500	153,500	172,000	191,100	191,100
	Heating	kW	-	-	-	-	-	-	-	-	
		Btu/h	-	-	-	-	-	-	-	-	
Power	Power Input (Nominal)	Cooling ¹⁾	4.35	5.50	7.22	8.47	10.64	10.66	11.45	11.45	
		Heating ²⁾	-	-	-	-	-	-	-	-	
	Current Input (Nominal)	Cooling ¹⁾	12.70	16.00	21.10	24.70	31.00	31.10	33.40	33.40	
		Heating ²⁾	-	-	-	-	-	-	-	-	
MCA		26.00 (MCA)	32.20 (MCA)	35.00 (MCA)	45.40 (MCA)	51.20 (MCA)	56.20 (MCA)	65.00 (MCA)	65.00 (MCA)		
MFA	A	40.00	50.00	50.00	63.00	63.00	63.00	75.00	75.00		
COP	Nominal Cooling ¹⁾		5.15	5.09	4.65	4.72	4.23	4.73	4.89	4.89	
	Nominal Heating ²⁾		-	-	-	-	-	-	-	-	
Compressor	Type		SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	
	Output	kW x n	(5.09)	(6.45)	(6.45)	(5.09x2)	(5.09x2)	(6.45x2)	(6.45x2)	(6.45x2)	
	Model Name		DS-GB052FBVA x1	DS4GJ5066EVA x1	DS4GJ5066EVA x1	DS-GB052FBVA x2	DS-GB052FBVA x2	DS4GJ5066EVA x2	DS4GJ5066EVA x2	DS4GJ5066EVA x2	
Oil	Type		PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	1100	1100	1100	2200	2200	2200	2200	2200	
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	W	830.0 x1	830.0 x1	830.0 x1	620.0 x2	620.0 x2	620.0 x2	620.0 x2	620.0 x2	
	Air Flow Rate	CMM	170	170	220	255	255	260	265	265	
	External Static Pressure	Max.	mmAq	8.00	8.00	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	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	12.70	15.88	15.88	15.88	
		Φ, inch	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"	
	Gas Pipe	Φ, mm	19.05	22.22	28.58	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"	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	110.0	110.0	110.0	110.0	110.0	110.0	110.0		
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-	-	
	Transmission Cable	mm ²	0.75	0.75	0.75	0.75	0.75	0.75	0.75		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.50	5.50	6.50	7.70	7.70	8.40	8.40		
Sound ³⁾	Sound Pressure	dB(A)	57.0	58.0	62.0	61.0	63.0	64.0	65.0		
	Sound Power	dB(A)	77.0	79.0	81.0	81.0	83.0	86.0	87.0		
	Net Weight	kg	178.0	185.5	196.5	282.0	282.0	305.0	305.0		
External Dimension	Shipping Weight	kg	190.0	197.5	208.5	301.0	301.0	324.0	324.0		
	Net Dimensions (WxHxD)	mm	880 x1,695 x 765	880 x1,695 x 765	880 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765		
		Shipping Dimensions (WxHxD)	mm	948 x1,887 x 832	948 x1,887 x 832	948 x1,887 x 832	1,363 x1,887 x 832	1,363 x1,887 x 832	1,363 x1,887 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	-	-	-	-	-	-	-		

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 * 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVM S CO (220V) STANDARD				AM220MXVAF/AZ	AM240MXVAF/AZ	AM260MXVAF/AZ	AM280MXVAF/AZ	AM300MXVAF/AZ	AM320MXVAF/AZ	AM340MXVAF/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			COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	HP	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	
	Ton	Ton	17.52	19.11	20.92	22.35	23.88	25.48	27.30	29.00	
	Capacity (Nominal)	Cooling	kW	61.60	67.20	73.60	78.60	84.00	89.60	96.00	102.00
			Btu/h	210,200	229,300	251,100	268,200	286,600	305,700	327,600	351,000
	Heating	kW	-	-	-	-	-	-	-	-	
		Btu/h	-	-	-	-	-	-	-	-	
Power	Power Input (Nominal)	Cooling ¹⁾	12.72	14.44	15.69	17.86	17.88	18.67	19.92	21.60	
		Heating ²⁾	-	-	-	-	-	-	-	-	
	Current Input (Nominal)	Cooling ¹⁾	37.10	42.20	45.80	52.10	52.20	54.50	58.10	62.00	
		Heating ²⁾	-	-	-	-	-	-	-	-	
	MCA	67.20	70.00	80.40	86.20	91.20	100.00	110.40	120.00		
	MFA	-	-	-	-	-	-	-	-		
COP	Nominal Cooling ¹⁾	-	4.84	4.65	4.69	4.40	4.70	4.80	4.82	4.82	
	Nominal Heating ²⁾	-	-	-	-	-	-	-	-	-	
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	SSC Scroll x 4	
	Output	kW x n	(6.45) + (6.45)	(6.45)x2	(6.45) + (5.09x2)	(6.45) + (5.09x2)	(6.45) + (6.45x2)	(6.45) + (6.45x2)	(6.45) + (6.45x2)	(5.09x2) + (6.45x2)	
	Model Name	-	DS4GJ5066EVA x 2	DS4GJ5066EVA x 2	DS4GJ5066EVA x 1 + DS-GB052FBVA x 2	DS4GJ5066EVA x 1 + DS-GB052FBVA x 2	DS4GJ5066EVA x 3	DS4GJ5066EVA x 3	DS4GJ5066EVA x 3	DS-GB052FBVA x 2 + DS4GJ5066EVA x 2	
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	2200	2200	3300	3300	3300	3300	4400		
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	(620.0 x 2) x 2		
	Air Flow Rate	CMM	170 + 220	220 x 2	220 + 255	220 + 255	220 + 260	220 + 265	255 + 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	4,250.00 + 4,416.67		
External Static Pressure	Max.	mmAq	8.00	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	78.45		
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	34.92	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"	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	110.0	110.0	110.0	110.0	110.0	110.0			
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	-		
	Transmission Cable	mm ²	0.75	0.75	0.75	0.75	0.75	0.75			
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A			
	Factory Charging	kg	12.00	13.00	14.20	14.20	14.90	14.90			
Sound ³⁾	Sound Pressure	dB(A)	63.0	65.0	65.0	66.0	66.0	67.0			
	Sound Power	dB(A)	83.0	84.0	85.0	85.0	87.0	88.0			
External Dimension	Net Weight	kg	185.5 + 196.5	196.5 x 2	196.5 + 282.0	196.5 + 282.0	196.5 + 305.0	196.5 + 305.0	282.0 + 305.0		
	Shipping Weight	kg	197.5 + 208.5	208.5 x 2	208.5 + 301.0	208.5 + 301.0	208.5 + 324.0	208.5 + 324.0	301.0 + 324.0		
	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	(1,295 x 1,695 x 765) x 2		
	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	(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	-	-	-	-	-	-	-		

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS CO (220V) STANDARD

Model Code		AM360MXVAF/AZ	AM380MXVAF/AZ	AM400MXVAF/AZ	AM420MXVAF/AZ	AM440MXVAF/AZ	AM460MXVAF/AZ	AM480MXVAF/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		COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	36.00	40.00	42.00	44.00	46.00	48.00	48.00	
	Ton	28.72	30.26	31.85	33.44	35.03	36.85	38.28	
	Capacity (Nominal)	Cooling	101.00	106.40	112.00	117.60	123.20	129.60	134.60
		Heating	344,600	363,100	382,200	401,300	420,400	442,200	459,300
Power	Power Input (Nominal)	Cooling ¹⁾	22.09	22.11	22.90	24.17	25.89	27.14	29.31
		Heating ²⁾	-	-	-	-	-	-	-
	Current Input (Nominal)	Cooling ¹⁾	64.40	64.50	66.80	70.50	75.60	79.20	85.50
		Heating ²⁾	-	-	-	-	-	-	-
	MCA	116.20	121.20	130.00	132.20	135.00	145.40	151.20	
	MFA	-	-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾	4.57	4.81	4.89	4.87	4.76	4.78	4.59	
	Nominal Heating ²⁾	-	-	-	-	-	-	-	
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 5	SSC Scroll x 5	
	Output	(5.09x2) + (6.45x2)	(6.45x2) + (6.45x2)	(6.45x2)x2	(6.45) + (6.45) + (6.45x2)	(6.45x2) + (6.45x2)	(6.45) + (5.09x2) + (6.45x2)	(6.45) + (5.09x2) + (6.45x2)	
	Model Name	DS-GB052FBVA x 2 + DS4GJ5066EVA x 2	DS4GJ5066EVA x 4	DS4GJ5066EVA x 4	DS4GJ5066EVA x 4	DS4GJ5066EVA x 4	DS4GJ5066EVA x 3 + DS-GB052FBVA x 2	DS4GJ5066EVA x 3 + DS-GB052FBVA x 2	
Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	4400	4400	4400	4400	4400	5500	5500	
Fan	Type	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	(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	830.0 x 1 + (620.0 x 2) x 2	830.0 x 1 + (620.0 x 2) x 2	
	Air Flow Rate	255 + 265	260 + 265	265 x 2	170 + 220 + 265	220 x 2 + 265	220 + 255 + 265	220 + 255 + 265	
	External Static Pressure	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	3,666.67 + 4,250.00 + 4,416.67	3,666.67 + 4,250.00 + 4,416.67	
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	200	200	200	200	200	200	
		Max. Height	110.0	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire	-	-	-	-	-	-	-	
	Transmission Cable	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	16.10	16.80	16.80	20.40	21.40	22.60	22.60	
Sound ³⁾	Sound Pressure	67.0	68.0	68.0	67.0	68.0	68.0	68.0	
	Sound Power	88.0	90.0	90.0	88.0	89.0	89.0	89.0	
External Dimension	Net Weight	282.0 + 305.0	305.0 x 2	305.0 x 2	185.5 + 196.5 + 305.0	196.5 x 2 + 305.0	196.5 + 282.0 + 305.0	196.5 + 282.0 + 305.0	
	Shipping Weight	301.0 + 324.0	324.0 x 2	324.0 x 2	197.5 + 208.5 + 324.0	208.5 x 2 + 324.0	208.5 + 301.0 + 324.0	208.5 + 301.0 + 324.0	
	Net Dimensions (WxHxD)	(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	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)	(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	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	-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	-	-	-	-	-	-	-	

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS CO (220V) STANDARD

Model Code		AM500MXVAF/AZ	AM520MXVAF/AZ	AM540MXVAF/AZ	AM560MXVAF/AZ	AM580MXVAF/AZ	AM600MXVAF/AZ	AM620MXVAF/AZ	AM640MXVAF/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	3,3,208-230,60	
Mode		COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00	
	Ton	39.81	41.40	43.22	44.64	46.18	47.77	49.36	50.96	
	Capacity (Nominal)	Cooling	kW	140.00	145.60	152.00	157.00	162.40	168.00	173.60
			Btu/h	477,700	496,800	518,600	535,700	554,100	573,200	592,300
Power	Power Input (Nominal)	Cooling ¹⁾	kW	29.33	30.12	31.37	33.54	33.56	34.35	37.34
			Heating ²⁾	-	-	-	-	-	-	-
	Current Input (Nominal)	Cooling ¹⁾	A	85.60	8790	9150	9780	9790	100.20	103.90
			Heating ²⁾	-	-	-	-	-	-	-
MCA		156.20	165.00	175.40	181.20	186.20	195.00	197.20	200.00	
MFA		-	-	-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾		4.77	4.83	4.85	4.68	4.84	4.89	4.87	4.80
		Nominal Heating ²⁾	-	-	-	-	-	-	-	-
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	SSC Scroll x 6	SSC Scroll x 6	
	Output	(6.45) + (6.45x2) + (6.45x2)	(6.45) + (6.45x2)x2	(5.09x2) + (6.45x2)x2	(5.09x2) + (6.45x2)x2	(6.45x2) + (6.45x2)x2	(6.45x2)x3	(6.45) + (6.45) + (6.45x2)x2	(6.45)x2 + (6.45x2)x2	
	Model Name	DS4GJ5066EVA x 5	DS4GJ5066EVA x 5	DS4GJ5066EVA x 2 + DS4GJ5066EVA x 4	DS4GJ5066EVA x 4	DS4GJ5066EVA x 6	DS4GJ5066EVA x 6	DS4GJ5066EVA x 6	DS4GJ5066EVA x 6	
Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	5500	5500	6600	6600	6600	6600	6600	6600	
Fan	Type	Propeller	Propeller	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	(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	(830.0 x 1) x 2 + (620.0 x 2) x 2	
	Air Flow Rate	CMM	220 + 260 + 265	220 + 265 x 2	255 + 265 x 2	260 + 265 x 2	265 x 3	170 + 220 + 265 x 2	220 x 2 + 265 x 2	
External Static Pressure	Max.	mmAq	8.00	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	78.45	
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	19.05	22.22	22.22	
		Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	
	Gas Pipe	Φ, mm	41.28	41.28	41.28	41.28	41.28	53.98	53.98	
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	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	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	23.30	23.30	24.50	24.50	25.20	28.80	29.80	
Sound ³⁾	Sound Pressure	dB(A)	69.0	69.0	69.0	69.0	70.0	69.0	70.0	
	Sound Power	dB(A)	90.0	91.0	91.0	91.0	91.0	91.0	91.0	
External Dimension	Net Weight	kg	196.5 + 305.0 x 2	196.5 + 305.0 x 2	282.0 + 305.0 x 2	282.0 + 305.0 x 2	305.0 x 3	305.0 x 3	185.5 + 196.5 + 305.0 x 2	
	Shipping Weight	kg	208.5 + 324.0 x 2	208.5 + 324.0 x 2	301.0 + 324.0 x 2	301.0 + 324.0 x 2	324.0 x 3	324.0 x 3	197.5 + 208.5 + 324.0 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	(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	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	(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	-5.0 ~ 48.0	
	Heating	°C	-	-	-	-	-	-	-	

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS CO (220V) STANDARD

Model Code		AM660MXVAF/AZ	AM680MXVAF/AZ	AM700MXVAF/AZ	AM720MXVAF/AZ	AM740MXVAF/AZ	AM760MXVAF/AZ	AM780MXVAF/AZ	AM800MXVAF/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	3,3,208-230,60	
Mode		COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	66.00	68.00	70.00	72.00	74.00	76.00	78.00	80.00	
	Ton	52.78	54.20	55.73	57.32	59.14	60.57	62.10	63.69	
	Capacity (Nominal)	Cooling	kW	185.60	190.60	196.00	201.60	208.00	213.00	218.40
			Btu/h	633,300	650,400	668,800	687,900	709,700	726,800	745,200
Power	Power Input (Nominal)	Cooling ¹⁾	38.59	40.76	40.78	41.57	42.82	44.99	45.01	45.80
		Heating ²⁾	-	-	-	-	-	-	-	-
	Current Input (Nominal)	Cooling ¹⁾	112.60	118.90	119.00	121.30	124.90	131.20	131.30	133.60
		Heating ²⁾	-	-	-	-	-	-	-	-
MCA		210.40	216.20	221.20	230.00	240.40	246.20	251.20	260.00	
MFA		-	-	-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾	4.81	4.68	4.81	4.85	4.86	4.73	4.85	4.89	
	Nominal Heating ²⁾	-	-	-	-	-	-	-	-	
Compressor	Type	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 8	SSC Scroll x 8	SSC Scroll x 8	SSC Scroll x 8	
	Output	(6.45) + (5.09x2) + (6.45x2)x2	(6.45) + (5.09x2) + (6.45x2)x2	(6.45) + (6.45x2) + (6.45x2)x2	(6.45) + (6.45x2)x3	(5.09x2) + (6.45x2)x3	(5.09x2) + (6.45x2)x3	(6.45x2) + (6.45x2)x3	(6.45x2)x4	
	Model Name	DS4GJ5066EVA x 5 + DS-GB052FBVA x 2	DS4GJ5066EVA x 5 + DS-GB052FBVA x 2	DS4GJ5066EVA x 7	DS4GJ5066EVA x 7	DS-GB052FBVA x 2 + DS4GJ5066EVA x 6	DS-GB052FBVA x 2 + DS4GJ5066EVA x 6	DS4GJ5066EVA x 8	DS4GJ5066EVA x 8	
Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	7700	7700	7700	7700	8800	8800	8800	8800	
Fan	Type	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	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	(620.0 x 2) x 4	(620.0 x 2) x 4	(620.0 x 2) x 4	
	Air Flow Rate	CMM	220 + 255 + 265 x 2	220 + 255 + 265 x 2	220 + 260 + 265 x 2	255 + 265 x 3	255 + 265 x 3	260 + 265 x 3	265 x 4	
	External Static Pressure	l/s	3,666.67 + 4,250.00 + 4,416.67 x 2	3,666.67 + 4,250.00 + 4,416.67 x 2	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
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"	
	Gas Pipe	Φ, mm	53.98	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"	2 1/8"	
	Discharge Gas Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	-	
Installation Limitation	Max. Length	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	31.00	31.00	31.70	31.70	32.90	32.90	33.60	
Sound ³⁾	Sound Pressure	dB(A)	70.0	70.0	70.0	70.0	70.0	71.0	71.0	
	Sound Power	dB(A)	91.0	91.0	92.0	92.0	92.0	93.0	93.0	
	Net Weight	kg	196.5 + 282.0 + 305.0 x 2	196.5 + 282.0 + 305.0 x 2	196.5 + 305.0 x 3	196.5 + 305.0 x 3	282.0 + 305.0 x 3	282.0 + 305.0 x 3	305.0 x 4	305.0 x 4
External Dimension	Shipping Weight	kg	208.5 + 301.0 + 324.0 x 2	208.5 + 301.0 + 324.0 x 2	208.5 + 324.0 x 3	208.5 + 324.0 x 3	301.0 + 324.0 x 3	301.0 + 324.0 x 3	324.0 x 4	324.0 x 4
	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	(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	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
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	-	-	-	-	-	-	-	

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



DVMS

DIGITAL VARIABLE MULTI

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

DVMS CO (220V) ANTI CORROSION				AM080MXVAFCAAZ	AM100MXVAFCAAZ	AM120MXVAFCAAZ	AM140MXVAFCAAZ	AM160MXVAFCAAZ	AM180MXVAFCAAZ	AM200MXVAFCAAZ	
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				COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	Ton	Cooling	8.00	10.00	12.00	14.00	16.00	18.00	20.00	
				6.37	7.96	9.55	11.37	12.79	14.33	15.92	
	Capacity (Nominal)	kW	Btu/h	22.40	28.00	33.60	40.00	45.00	50.40	56.00	
				76,400	95,500	114,600	136,500	153,500	172,000	191,100	
			Heating	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	
Power	Power Input (Nominal)	kW	Cooling ¹⁾	4.35	5.50	7.22	8.47	10.64	10.66	11.45	
			Heating ²⁾	-	-	-	-	-	-	-	
	Current Input (Nominal)	A	Cooling ¹⁾	12.70	16.00	21.10	24.70	31.00	31.10	33.40	
			Heating ²⁾	-	-	-	-	-	-	-	
MCA			26.00 (MCA)	32.20 (MCA)	35.00 (MCA)	45.40 (MCA)	51.20 (MCA)	56.20 (MCA)	65.00 (MCA)		
MFA			40.00	50.00	50.00	63.00	63.00	63.00	75.00		
COP			Nominal Cooling ¹⁾	5.15	5.09	4.65	4.72	4.23	4.73	4.89	
			Nominal Heating ²⁾	-	-	-	-	-	-	-	
Compressor	Type		-	SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	SSC Scroll x2	
	Output			(5.09)	(6.45)	(6.45)	(5.09x2)	(5.09x2)	(6.45x2)	(6.45x2)	
	Model Name			DS-GB052FBVA x1	DS4GJ5066EVA x1	DS4GJ5066EVA x1	DS-GB052FBVA x2	DS-GB052FBVA x2	DS4GJ5066EVA x2	DS4GJ5066EVA x2	
Oil	Type			PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge			1100	1100	1100	2200	2200	2200	2200	
Fan	Type			Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n			830.0 x1	830.0 x1	830.0 x1	620.0 x2	620.0 x2	620.0 x2	620.0 x2	
	Air Flow Rate			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				8.00	8.00	8.00	8.00	8.00	8.00	8.00	
Piping Connections	Liquid Pipe	Φ, mm		9.52	9.52	12.70	12.70	12.70	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			200	200	200	200	200	200	200	
	Max. Height			110.0	110.0	110.0	110.0	110.0	110.0	110.0	
Field Wiring	Power Source Wire			-	-	-	-	-	-	-	
	Transmission Cable			0.75	0.75	0.75	0.75	0.75	0.75	0.75	
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging			5.50	5.50	6.50	7.70	7.70	8.40	8.40	
Sound ³⁾	Sound Pressure	dB(A)		57.0	58.0	62.0	61.0	63.0	64.0	65.0	
				77.0	79.0	81.0	81.0	83.0	86.0	87.0	
				178.0	185.5	196.5	282.0	282.0	305.0	305.0	
External Dimension	Shipping Weight	kg		190.0	197.5	208.5	301.0	301.0	324.0	324.0	
			Net Dimensions (WxHxD)	mm	880 x1,695 x 765	880 x1,695 x 765	880 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765	1,295 x1,695 x 765
					948 x1,887 x 832	948 x1,887 x 832	948 x1,887 x 832	1,363 x1,887 x 832	1,363 x1,887 x 832	1,363 x1,887 x 832	1,363 x1,887 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		-	-	-	-	-	-	-

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 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 Units



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DIGITAL VARIABLE MULTI

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

DVMS CO (220V) ANTI CORROSION

Model Code		AM220MXVAFCAAZ	AM240MXVAFCAAZ	AM260MXVAFCAAZ	AM280MXVAFCAAZ	AM300MXVAFCAAZ	AM320MXVAFCAAZ	AM340MXVAFCAAZ	
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		COOLING ONLY							
Performance	HP	22.00	24.00	26.00	28.00	30.00	32.00	34.00	
	Ton	-	-	-	-	-	-	-	
	Capacity (Nominal)	Cooling	61.60	67.20	73.60	78.60	84.00	89.60	96.00
		Heating	210,200	229,300	251,100	268,200	286,600	305,700	327,600
Power	Power Input (Nominal)	Cooling ¹⁾	12.72	14.44	15.69	17.86	17.88	18.67	19.92
		Heating ²⁾	-	-	-	-	-	-	-
	Current Input (Nominal)	Cooling ¹⁾	37.10	42.20	45.80	52.10	52.20	54.50	58.10
		Heating ²⁾	-	-	-	-	-	-	-
	MCA		67.20	70.00	80.40	86.20	91.20	100.00	110.40
	MFA		-	-	-	-	-	-	-
COP	Nominal Cooling ¹⁾	4.84	4.65	4.69	4.40	4.70	4.80	4.82	
	Nominal Heating ²⁾	-	-	-	-	-	-	-	
Compressor	Type	SSC Scroll x 2							
	Output	(6.45) + (6.45)							
	Model Name	DS4GJ5066EVA x 2	DS4GJ5066EVA x 2	DS4GJ5066EVA x 1 + DS-GB052FBVA x 2	DS4GJ5066EVA x 1 + DS-GB052FBVA x 2	DS4GJ5066EVA x 1 + DS-GB052FBVA x 2	DS4GJ5066EVA x 3	DS4GJ5066EVA x 3	DS-GB052FBVA x 2 + DS4GJ5066EVA x 2
Oil	Type	PVE							
	Initial Charge	2200							
Fan	Type	Propeller							
	Output x n	(830.0 x 1) x 2							
	Air Flow Rate	170 + 220							
	External Static Pressure	Max.	2,833.33 + 3,666.67						
Piping Connections	Liquid Pipe	Φ, mm	15.88	15.88	19.05	19.05	19.05	19.05	19.05
	Gas Pipe	Φ, inch	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"
		Φ, mm	28.58	34.92	34.92	34.92	34.92	34.92	34.92
	Discharge Gas Pipe	Φ, inch	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
		Φ, mm	-	-	-	-	-	-	-
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	-
		Φ, inch	-	-	-	-	-	-	-
	Installation Limitation	Max. Length	200						
		Max. Height	110.0						
	Field Wiring	Power Source Wire	-						
Transmission Cable		mm ²							
Refrigerant	Type	R410A							
	Factory Charging	kg							
Sound ³⁾	Sound Pressure	63.0							
	Sound Power	83.0							
	Net Weight	185.5 + 196.5							
External Dimension	Shipping Weight	197.5 + 208.5							
	Net Dimensions (WxHxD)	mm	(880 x 1,695 x 765) x 2						
		mm	(948 x 1,887 x 832) x 2						
	Shipping Dimensions (WxHxD)	mm	(948 x 1,887 x 832) x 2						
Operating Temp. Range	Cooling	-5.0 ~ 48.0							
	Heating	-							

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 * 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVMS CO (220V) ANTI CORROSION

Model Code		AM360MXVAFCAAZ	AM380MXVAFCAAZ	AM400MXVAFCAAZ	AM420MXVAFCAAZ	AM440MXVAFCAAZ	AM460MXVAFCAAZ	AM480MXVAFCAAZ	
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		COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	36.00	40.00	42.00	44.00	46.00	48.00	48.00	
	Ton	-	-	-	-	-	-	-	
	Capacity (Nominal)	Cooling	kW	101.00	106.40	112.00	117.60	123.20	134.60
			Btu/h	344,600	363,100	382,200	401,300	420,400	442,200
	Heating	kW	-	-	-	-	-	-	
		Btu/h	-	-	-	-	-	-	
Power	Power Input (Nominal)	Cooling ¹⁾	22.09	22.11	22.90	24.17	25.89	27.14	29.31
		Heating ²⁾	-	-	-	-	-	-	-
	Current Input (Nominal)	Cooling ¹⁾	64.40	64.50	66.80	70.50	75.60	79.20	85.50
		Heating ²⁾	-	-	-	-	-	-	-
MCA		116.20	121.20	130.00	132.20	135.00	145.40	151.20	
MFA		-	-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾	4.57	4.81	4.89	4.87	4.76	4.78	4.59	
	Nominal Heating ²⁾	-	-	-	-	-	-	-	
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 5	SSC Scroll x 5	
	Output	(5.09x2) + (6.45x2)	(6.45x2) + (6.45x2)	(6.45x2)x2	(6.45) + (6.45) + (6.45x2)	(6.45)x2 + (6.45x2)	(6.45) + (5.09x2) + (6.45x2)	(6.45) + (5.09x2) + (6.45x2)	
	Model Name	DS-GB052FBVA x 2 + DS4GJ5066EVA x 2	DS4GJ5066EVA x 4	DS4GJ5066EVA x 4	DS4GJ5066EVA x 4	DS4GJ5066EVA x 4	DS4GJ5066EVA x 3 + DS-GB052FBVA x 2	DS4GJ5066EVA x 3 + DS-GB052FBVA x 2	
Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	4400	4400	4400	4400	4400	5500	5500	
Fan	Type	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	(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	830.0 x 1 + (620.0 x 2) x 2	830.0 x 1 + (620.0 x 2) x 2	
	Air Flow Rate	255 + 265	260 + 265	265 x 2	170 + 220 + 265	220 x 2 + 265	220 + 255 + 265	220 + 255 + 265	
	External Static Pressure	l/s	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	3,666.67 + 4,250.00 + 4,416.67	3,666.67 + 4,250.00 + 4,416.67
Max.		mmAq	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	0.75	0.75	0.75	0.75	0.75	0.75	
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	16.10	16.80	16.80	20.40	21.40	22.60	
Sound ³⁾	Sound Pressure	dB(A)	67.0	68.0	68.0	67.0	68.0	68.0	
	Sound Power	dB(A)	88.0	90.0	90.0	88.0	89.0	89.0	
External Dimension	Net Weight	kg	282.0 + 305.0	305.0 x 2	305.0 x 2	185.5 + 196.5 + 305.0	196.5 x 2 + 305.0	196.5 + 282.0 + 305.0	
	Shipping Weight	kg	301.0 + 324.0	324.0 x 2	324.0 x 2	197.5 + 208.5 + 324.0	208.5 x 2 + 324.0	208.5 + 301.0 + 324.0	
	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	(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	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	(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	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	-	-	-	-	-	-	

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVM S CO (220V) ANTI CORROSION											
Model Code		AM500MXVAFCAAZ	AM520MXVAFCAAZ	AM540MXVAFCAAZ	AM560MXVAFCAAZ	AM580MXVAFCAAZ	AM600MXVAFCAAZ	AM620MXVAFCAAZ	AM640MXVAFCAAZ		
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		COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY		
Performance	HP	50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00		
	Ton	-	-	-	-	-	-	-	-		
	Capacity (Nominal)	Cooling	kW	140.00	145.60	152.00	157.00	162.40	168.00	173.60	
		Btu/h	477,700	496,800	518,600	535,700	554,100	573,200	592,300	611,500	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	29.33	30.12	31.37	33.56	34.35	35.62	37.34	
		Heating ²⁾	-	-	-	-	-	-	-	-	
	Current Input (Nominal)	Cooling ¹⁾	A	85.60	8790	9150	9780	9790	100.20	103.90	109.00
		Heating ²⁾	-	-	-	-	-	-	-	-	-
MCA		156.20	165.00	175.40	181.20	186.20	195.00	197.20	200.00		
	MFA	A	-	-	-	-	-	-	-		
COP	Nominal Cooling ¹⁾	-	4.77	4.83	4.85	4.68	4.84	4.89	4.87	4.80	
	Nominal Heating ²⁾	-	-	-	-	-	-	-	-	-	
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	SSC Scroll x 6		
	Output	kW x n	(6.45) + (6.45x2) + (6.45x2)	(6.45) + (6.45x2)x2	(5.09x2) + (6.45x2)x2	(5.09x2) + (6.45x2)x2	(6.45x2) + (6.45x2)x2	(6.45x2)x3	(6.45) + (6.45) + (6.45x2)x2	(6.45)x2 + (6.45x2)x2	
	Model Name	-	DS4GJ5066EVA x 5	DS4GJ5066EVA x 5	DS-GB052FBVA x 2 + DS4GJ5066EVA x 4	DS-GB052FBVA x 2 + DS4GJ5066EVA x 4	DS4GJ5066EVA x 6	DS4GJ5066EVA x 6	DS4GJ5066EVA x 6	DS4GJ5066EVA x 6	
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	5500	5500	6600	6600	6600	6600	6600		
Fan	Type	-	Propeller	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	(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	(830.0 x 1) x 2 + (620.0 x 2) x 2	
	Air Flow Rate	CMM	220 + 260 + 265	220 + 265 x 2	255 + 265 x 2	255 + 265 x 2	260 + 265 x 2	265 x 3	170 + 220 + 265 x 2	220 x 2 + 265 x 2	
External Static Pressure	Max.	l/s	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	4,250.00 + 4,416.67 x 2	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	
		mmAq	8.00	8.00	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	22.22	22.22	
		Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	
	Gas Pipe	Φ, mm	41.28	41.28	41.28	41.28	41.28	41.28	53.98	53.98	
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	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	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75		
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	23.30	23.30	24.50	24.50	25.20	25.20	28.80	29.80	
Sound ³⁾	Sound Pressure	dB(A)	69.0	69.0	69.0	69.0	69.0	70.0	69.0	70.0	
	Sound Power	dB(A)	90.0	91.0	91.0	91.0	91.0	92.0	91.0	91.0	
External Dimension	Net Weight	kg	196.5 + 305.0 x 2	196.5 + 305.0 x 2	282.0 + 305.0 x 2	282.0 + 305.0 x 2	305.0 x 3	305.0 x 3	185.5 + 196.5 + 305.0 x 2	196.5 x 2 + 305.0 x 2	
	Shipping Weight	kg	208.5 + 324.0 x 2	208.5 + 324.0 x 2	301.0 + 324.0 x 2	301.0 + 324.0 x 2	324.0 x 3	324.0 x 3	197.5 + 208.5 + 324.0 x 2	208.5 x 2 + 324.0 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	(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	(880 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) 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	(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	(948 x 1,887 x 832) x 2 + (1,363 x 1,887 x 832) x 2	
	Operating Temp. Range	°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	-5.0 - 48.0	
Temp. Range	Cooling	°C	-	-	-	-	-	-	-	-	
	Heating	°C	-	-	-	-	-	-	-	-	

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 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 Units



DVMS

DIGITAL VARIABLE MULTI

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

DVM S CO (220V) ANTI CORROSION				AM660MXVAFCAAZ	AM680MXVAFCAAZ	AM700MXVAFCAAZ	AM720MXVAFCAAZ	AM740MXVAFCAAZ	AM760MXVAFCAAZ	AM780MXVAFCAAZ	AM800MXVAFCAAZ	
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	3,3,208-230,60	
Mode			COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP	HP	66.00	68.00	70.00	72.00	74.00	76.00	78.00	80.00	80.00	
	Ton	Ton	-	-	-	-	-	-	-	-	-	
	Capacity (Nominal)	Cooling	kW	185.60	190.60	196.00	201.60	208.00	213.00	218.40	224.00	224.00
			Btu/h	633,300	650,400	668,800	687,900	709,700	726,800	745,200	764,300	764,300
Power	Power Input (Nominal)	Cooling ¹⁾	kW	38.59	40.76	40.78	41.57	42.82	44.99	45.01	45.80	45.80
			Heating ²⁾	-	-	-	-	-	-	-	-	-
	Current Input (Nominal)	Cooling ¹⁾	A	112.60	118.90	119.00	121.30	124.90	131.20	131.30	133.60	133.60
			Heating ²⁾	-	-	-	-	-	-	-	-	-
MCA			210.40	216.20	221.20	230.00	240.40	246.20	251.20	251.20	260.00	
	MFA	A	-	-	-	-	-	-	-	-	-	
COP	Nominal Cooling ¹⁾		4.81	4.68	4.81	4.85	4.86	4.73	4.85	4.85	4.89	
		Nominal Heating ²⁾	-	-	-	-	-	-	-	-	-	-
Compressor	Type		SSC Scroll x 7	SSC Scroll x 7	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	(6.45) + (5.09x2) + (6.45x2)x2	(6.45) + (5.09x2) + (6.45x2)x2	(6.45) + (6.45x2) + (6.45x2)x2	(6.45) + (6.45x2)x3	(5.09x2) + (6.45x2)x3	(5.09x2) + (6.45x2)x3	(5.09x2) + (6.45x2)x3	(6.45x2) + (6.45x2)x3	(6.45x2)x4	
	Model Name		DS4GJ5066EVA x 5 + DS-GB052FBVA x 2	DS4GJ5066EVA x 5 + DS-GB052FBVA x 2	DS4GJ5066EVA x 7	DS4GJ5066EVA x 7	DS-GB052FBVA x 2 + DS4GJ5066EVA x 6	DS-GB052FBVA x 2 + DS4GJ5066EVA x 6	DS4GJ5066EVA x 8	DS4GJ5066EVA x 8	DS4GJ5066EVA x 8	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
Fan	Initial Charge	cc	7700	7700	7700	7700	8800	8800	8800	8800	8800	
	Type		Propeller	Propeller	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	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 + 255 + 265 x 2	220 + 255 + 265 x 2	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	Max.	mmAq	8.00	8.00	8.00	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	78.45	78.45	78.45	
Piping Connections	Liquid Pipe	Φ, mm	22.22	22.22	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"	7/8"	7/8"	
	Gas Pipe	Φ, mm	53.98	53.98	53.98	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"	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	200	200		
	Max. Height	m	110.0	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	31.00	31.00	31.70	31.70	32.90	32.90	33.60	33.60		
Sound ³⁾	Sound Pressure	dB(A)	70.0	70.0	70.0	70.0	70.0	71.0	71.0	71.0		
	Sound Power	dB(A)	91.0	91.0	92.0	92.0	92.0	92.0	93.0	93.0		
External Dimension	Net Weight	kg	196.5 + 282.0 + 305.0 x 2	196.5 + 282.0 + 305.0 x 2	196.5 + 305.0 x 3	196.5 + 305.0 x 3	282.0 + 305.0 x 3	282.0 + 305.0 x 3	305.0 x 4	305.0 x 4		
	Shipping Weight	kg	208.5 + 301.0 + 324.0 x 2	208.5 + 301.0 + 324.0 x 2	208.5 + 324.0 x 3	208.5 + 324.0 x 3	301.0 + 324.0 x 3	301.0 + 324.0 x 3	324.0 x 4	324.0 x 4		
	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	(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	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		
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	-5.0 ~ 48.0		
	Heating	°C	-	-	-	-	-	-	-	-		

* 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.)



DVM Chiller

DIGITAL VARIABLE MULTI

- Flexible Installation with modular design
- Easy Performance Increasing & Space Saving
- Advanced Performance & Energy Efficiency
- Silent Operation at Night
- Powerful Heating Performance

DVM CHILLER				AG042KSVANH/EU	AG056KSVANH/EU	AG070KSVANH/EU
Model Code				AG042KSVANH/EU	AG056KSVANH/EU	AG070KSVANH/EU
Power Supply		Φ, #, V, Hz		3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP		15	20	25
	RT	usRT		12	16	18
	Capacity (Nominal)	Cooling	kW	42.0	56.0	65.0
		Heating	kW	42.0	56.0	69.5
Power	Power Input	Cooling	kW	12.35	18.67	26.00
		Heating	kW	11.83	17.5	24.39
	Current Input	Cooling	A	19.60	29.60	41.20
		Heating	A	18.80	27.80	38.70
COP	Nominal Cooling	W/W		3.40	3.00	2.50
	Nominal Heating	W/W		3.55	3.20	2.85
Energy Efficiency	ESEER	W/W		5.7	5.4	5.0
	Type			Scroll Inverter	Scroll Inverter	Scroll Inverter
Compressor	Output	kW x n		6.76x2	6.76x2	6.76x2
	Oil	Type		PVE	PVE	PVE
Fan	Type			Propeller	Propeller	Propeller
	Output x n	W		630 x 2	630 x 2	630 x 2
	Air Flow Rate	CMM		364 (182 x 2)	364 (182 x 2)	392 (196 x 2)
	External Static Pressure	Max.		78.5	78.5	78.5
Water Side Heat Exchanger	Type			Brazing Plate	Brazing Plate	Brazing Plate
	Water Flow (Cooling/Heating)	LPM		120	160	186/200
	Pressure Drop	kPa		60	100	120
	Max Operating Pressure	MPa		1.0	1.0	1.0
	Connection Type			FLANGE	FLANGE	FLANGE
	Pipe(Inlet/Outlet)	A		40	40	50
Refrigerant	Q'Ty	EA		2	2	2
	Type			R410A	R410A	R410A
	Factory Charging	kg		18	18	18
Sound	Sound Pressure	dB(A)		60	62	63
	Sound Power	dB(A)		69	72	75
External Dimension	Net Weight	kg		446	446	465
	Shipping Weight	kg		468	468	487
	Net Dimensions (WxHxD)	mm		1,795x1,695x765	1,795x1,695x765	1,795x1,695x765
	Shipping Dimensions (WxHxD)	mm		1,900x1,887x919	1,900x1,887x919	1,900x1,887x919
Operating Water Temp. Range	Cooling	°C		5 ~ 25	5 ~ 25	5 ~ 25
	Cooling (If using brine)	°C		-10 ~ 25	-10 ~ 25	-10 ~ 25
	Heating	°C		25 ~ 55	25 ~ 55	25 ~ 55
Operating Amb. Temp. Range	Cooling	°C		-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	°C		-25 ~ 43	-25 ~ 43	-25 ~ 43

1) Standard for rated cooling capacity: chilled water inlet/outlet temperature 12/7°C, outdoor 35°C DB, 24°C WB
 2) Standard for rated heating capacity: heating water inlet/outlet temperature 40/45°C, outdoor 7°C DB, 6°C WB



DVM Chiller

DIGITAL VARIABLE MULTI

- Flexible Installation with modular design
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- Advanced Performance & Energy Efficiency
- Silent Operation at Night
- Powerful Heating Performance

DVM CHILLER AHRI			AG010KSVAFH/AA	AG015KSVAFH/AA	AG010KSVAJH/AA	AG015KSVAJH/AA		
Model Code			3,3,208-230,60	3,3,208-230,60	3,3,460,60	3,3,460,60		
Power Supply	Φ, #, V, Hz							
Performance	HP	HP	12	18	12	18		
	Ton (Nominal)	usRT	10	15	10	15		
Capacity (Rated)	Cooling		35.2	49.2	35.2	49.2		
			kBtu/h	120.0	168.0	120.0	168.0	
			kW	37.5	53.3	37.5	53.3	
			kBtu/h	128.0	182.0	128.0	182.0	
			kW	35.2	50.1	35.2	50.1	
	Heating		kBtu/h	120.0	171.0	120.0	171.0	
			kW	24.6	26.4	24.6	26.4	
			kBtu/h	84.0	90.0	84.0	90.0	
			kW	23.4	24.9	23.4	24.9	
			kBtu/h	80.0	85.0	80.0	85.0	
Power	Power Input	Cooling*	10.71	16.63	10.71	16.63		
		Heating*	9.77	15.17	9.77	15.17		
		Dry/Wet Bulb 8.3/6.1°C	11.54	17.45	11.54	17.45		
		leaving Temp. 40.5°C	11.20	17.00	11.20	17.00		
	Current Input	Dry/Wet Bulb -8.3/-9.4 °C	12.70	13.08	12.70	13.08		
		Cooling*	29.59	47.24	25.25	41.43		
		Heating*	26.99	41.91	22.40	35.77		
		Dry/Wet Bulb 8.3/6.1°C	31.88	48.20	27.77	41.72		
	Efficiency	Normal Heating	Dry/Wet Bulb 8.3/6.1°C	30.94	33.15	30.94	33.15	
			leaving Temp. 40.5°C	35.08	36.13	35.08	36.13	
		Dry/Wet Bulb -8.3/-9.4 °C	leaving Temp. 40.5°C	52.00	70.00	40.00	50.00	
			leaving Temp. 48.9°C	70.00	90.00	50.00	70.00	
		MCA		A	52.00	70.00	40.00	50.00
			MFA (MOP)	A	70.00	90.00	50.00	70.00
Efficiency	Cooling EER		11.20	10.10	11.20	10.10		
		(Btu/h)/W	3.84	3.52	3.84	3.52		
	Normal Heating	Dry/Wet Bulb 8.3/6.1°C	13.10	12.00	13.10	12.00		
		leaving Temp. 40.5°C	3.05	2.87	3.05	2.87		
	Dry/Wet Bulb -8.3/-9.4 °C	leaving Temp. 40.5°C	10.40	9.80	10.40	9.80		
		leaving Temp. 48.9°C	2.20	2.20	2.20	2.20		
	Normal Heating	Dry/Wet Bulb 8.3/6.1°C	7.50	7.50	7.50	7.50		
		leaving Temp. 40.5°C	1.85	1.90	1.85	1.90		
	Dry/Wet Bulb -8.3/-9.4 °C	leaving Temp. 40.5°C	6.30	6.50	6.30	6.50		
		leaving Temp. 48.9°C	20.5	18.8	20.5	18.8		
Compressor	Type	-	Scroll Inverter	Scroll Inverter	Scroll Inverter	Scroll Inverter		
	Output	kW × n	6.45x2	6.45x2	6.76x2	6.76x2		
	Model Name	-	DS4GJS066EVA	DS4GJS066EVA	DS-GB070FAVA	DS-GB070FAVA		
	Oil	Type	-	PVE	PVE	PVE		
Fan	Type	-	Propeller	Propeller	Propeller	Propeller		
	Input x n	kW	-	-	-	-		
	Output x n	W	630 x 2	630 x 2	630 x 2	630 x 2		
	Air Flow Rate	CMM	364 (182 x 2)	364 (182 x 2)	364 (182 x 2)	364 (182 x 2)		
Water Side Heat Exchanger	External Static Pressure	Max.	8.0	8.0	8.0	8.0		
		Pa	78.5	78.5	78.5	78.5		
	Type	-	Brazing Plate	Brazing Plate	Brazing Plate	Brazing Plate		
	Water Flow (Cooling/Heating)	LPM	90.9	127.2	90.9	127.2		
Refrigerant	Pressure Drop	kPa	37	70	37	70		
	Max Operation Pressure	MPa	1.0	1.0	1.0	1.0		
	Connection Type	-	50A Cut Groove	50A Cut Groove	50A Cut Groove	50A Cut Groove		
	Pipe (Inlet/Outlet)	A	50	50	50	50		
Sound	Q Ty	EA	2	2	2	2		
	Type	-	R410A	R410A	R410A	R410A		
External Dimension	Factory Charging	lbs	18	18	18	18		
	Sound Pressure	dB(A)	60	62	60	62		
Operating Water Temp. Range	Cooling		435	435	435	435		
			457	457	457	457		
	Heating		1795x1695x765	1795x1695x765	1795x1695x765	1795x1695x765		
			1900x1887x919	1900x1887x919	1900x1887x919	1900x1887x919		
Operating Amb. Temp.	Cooling	°C	5-25 (Brine, -10-25)	5-25 (Brine, -10-25)	5-25 (Brine, -10-25)	5-25 (Brine, -10-25)		
	Heating	°C	25-55	25-55	25-55	25-55		
Operating Amb. Temp.	Cooling	°C	-15-48	-15-48	-15-48	-15-48		
	Heating	°C	-25-43	-25-43	-25-43	-25-43		

* Specification may be changed without further notification.
 *1) Ambient 95°F, Water inlet/Water Outlet Temp. 54/44°F
 *2) Dry/Wet Bulb 47/43°F, Water Outlet Temp. 120°F

DVMS SPECIFICATION _Outdoor Units



DVMS Eco

DIGITAL VARIABLE MULTI

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

DVM S ECO HP (220V) AHRI				AM036FXMDCH/AA	AM048FXMDCH/AA	AM053FXMDCH/AA	AM060MXMDCH/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				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	TON	kW	4.00	4.00	4.42	5.00
				3.17	4.00	4.42	5.00
	Capacity (Nominal)	Cooling	Btu/h	11.14	14.07	15.53	17.58
				38,000	48,000	53,000	60,000
	Heating	Btu/h	12.31	15.83	17.88	19.34	
			42,000	54,000	61,000	66,000	
Power	Power Input (Nominal)	kW	Cooling ¹⁾	3.10	4.20	5.30	5.20
			Heating ²⁾	3.40	4.40	5.39	5.30
	Current Input (Nominal)	A	Cooling ¹⁾	-	-	-	23.00
			Heating ²⁾	-	-	-	23.50
MCA	A		23.00 (MCA)	29.00 (MCA)	34.00 (MCA)	32.00 (MCA)	
MFA	A		40.00	50.00	50.00	50.00	
COP	Nominal Cooling ¹⁾		-	3.59	3.35	2.93	3.38
		Nominal Heating ²⁾	-	3.62	3.60	3.32	3.65
Compressor	Type			Twin BLDC Rotary x1	Twin BLDC Rotary x1	Twin BLDC Rotary x1	SSC Scroll x1
	Output	kW x n		(4.12)	(4.12)	(4.12)	(5.09)
	Model Name			UG5T450FUEJXSG x1	UG5T450FUEJXSG x1	UG5T450FUEJXSG x1	DS-GB052FBVA x1
	Oil	Type		PVE	PVE	PVE	PVE
	Initial Charge	cc		1700	1700	1700	1100
Fan	Type			Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC
	Output x n	W		125.0 x 2	125.0 x 2	125.0 x 2	139.0 x 2
	Air Flow Rate	CMM		110	110	110	135
	External Static Pressure	Max.	mmAq		1,833.33	1,833.33	1,833.45
Pa				-	-	-	-
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	19.05
		Φ, inch		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	150
	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		3.20	3.20	3.30	3.70
Sound ³⁾	Sound Pressure	dB(A)		50.0	51.0	53.0	58.0 / 60.0
	Sound Power	dB(A)		-	-	-	76.0
External Dimension	Net Weight	kg		100.0	100.0	103.0	125.0
	Shipping Weight	kg		105.0	105.0	108.0	135.0
	Net Dimensions (WxHxD)	mm		940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,420 x 330
	Shipping Dimensions (WxHxD)	mm		995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,578 x 426
Operating Temp. Range	Cooling	°C		-5.0 ~ 47.8	-5.0 ~ 47.8	-5.0 ~ 47.8	-5.0 ~ 47.8
	Heating	°C		-20.0 ~ 18.9	-20.0 ~ 18.9	-20.0 ~ 18.9	-20.0 ~ 23.9

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



DVM S Eco

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- Top-class Energy Efficiency
- Small Footprint and Volume
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- Low Noise Level



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DVM S ECO HP (220V) 1 FAN				
Model Code		AM040KXMDCH/AZ	AM050KXMDCH/AZ	
Power Supply		Φ, #, V, Hz	1,220-240,50	
Mode		-	HEAT PUMP	
Performance	HP	HP	4.00	
	Ton	TON	3.44	
	Capacity (Nominal)	Cooling	kW	12.10
			Btu/h	41,300
		Heating	kW	12.10
		Btu/h	41,300	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	3.60
		Heating ²⁾	kW	2.90
	Current Input (Nominal)	Cooling ¹⁾	A	17.50
		Heating ²⁾	A	14.00
	MCA	A	24.00 (MCA)	27.00 (MCA)
	MFA	A	32.00	40.00
COP	Nominal Cooling ¹⁾	-	3.36	
	Nominal Heating ²⁾	-	4.17	
Compressor	Type	-	Inverter Rotary x1	
	Output	kW x n	(4.11)	
	Model Name	-	UG5T450FUEJXSG x1	
	Oil	Type	-	PVE
	Initial Charge	cc	1700	
Fan	Type	-	Propeller / BLDC	
	Output x n	W	125.0 x1	
	Air Flow Rate	CMM	64	
		l/s	1,066.67	
	External Static Pressure	Max.	mmAq	-
		Pa	-	
Piping Connections	Liquid Pipe	Φ, mm	9.52	
		Φ, inch	3/8"	
	Gas Pipe	Φ, mm	15.88	
		Φ, inch	5/8"	
	Discharge Gas Pipe	Φ, mm	-	
		Φ, inch	-	
	Oil Equalizing Pipe	Φ, mm	-	
		Φ, inch	-	
Installation Limitation	Max. Length	m	50	
	Max. Height	m	30.0	
Field Wiring	Power Source Wire	mm ²	-	
	Transmission Cable	mm ²	0.75	
Refrigerant	Type	-	R410A	
	Factory Charging	kg	2.00	
Sound ³⁾	Sound Pressure	dB(A)	52.0 / 54.0	
	Sound Power	dB(A)	73.0	
	Net Weight	kg	79.0	
External Dimension	Shipping Weight	kg	84.5	
	Net Dimensions (WxHxD)	mm	940 x 998 x 330	
	Shipping Dimensions (WxHxD)	mm	1,009 x 1,124 x 419	
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	
	Heating	°C	-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.
 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.

DVM S ECO HP (220V) BIG					
Model Code		AM080KXMDFH/TC	AM100KXMDFH/TC	AM120KXMDFH/TC	
Power Supply		Φ, #, V, Hz	3,3,208-230,60	3,3,208-230,60	
Mode		-	HEAT PUMP	HEAT PUMP	
Performance	HP	HP	8.00	12.00	
	Ton	TON	6.37	9.55	
	Capacity (Nominal)	Cooling	kW	22.40	33.60
			Btu/h	76,400	114,600
		Heating	kW	25.20	37.80
		Btu/h	86,000	129,000	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	5.33	
		Heating ²⁾	kW	5.59	
	Current Input (Nominal)	Cooling ¹⁾	A	15.00	
		Heating ²⁾	A	15.80	
	MCA	A	25.00 (MCA)	34.00 (MCA)	
	MFA	A	40.00	50.00	
COP	Nominal Cooling ¹⁾	-	4.20	3.80	
	Nominal Heating ²⁾	-	4.51	4.10	
Compressor	Type	-	SSC Scroll x1	SSC Scroll x1	
	Output	kW x n	(5.09)	(6.45)	
	Model Name	-	DS-GB052FBVA x1	DS4GJ5066EVA x1	
	Oil	Type	-	PVE	
	Initial Charge	cc	1100		
Fan	Type	-	Propeller	Propeller	
	Output x n	W	183.0 x 2	183.0 x 2	
	Air Flow Rate	CMM	190	201	
		l/s	3,166.67	3,350.00	
	External Static Pressure	Max.	mmAq	-	
		Pa	-		
Piping Connections	Liquid Pipe	Φ, mm	9.52	12.70	
		Φ, inch	3/8"	1/2"	
	Gas Pipe	Φ, mm	19.05	28.58	
		Φ, inch	3/4"	1 1/8"	
	Discharge Gas Pipe	Φ, mm	-	-	
		Φ, inch	-	-	
	Oil Equalizing Pipe	Φ, mm	-	-	
		Φ, inch	-	-	
Installation Limitation	Max. Length	m	160	160	
	Max. Height	m	50.0	50.0	
Field Wiring	Power Source Wire	mm ²	-	-	
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type	-	R410A	R410A	
	Factory Charging	kg	3.70	4.80	
Sound ³⁾	Sound Pressure	dB(A)	58.0	62.0	
	Sound Power	dB(A)	-	-	
	Net Weight	kg	145.0	162.0	
External Dimension	Shipping Weight	kg	158.0	175.0	
	Net Dimensions (WxHxD)	mm	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	
Operating Temp. Range	Cooling	°C	-5.0 ~ 50.0	-5.0 ~ 50.0	
	Heating	°C	-25.0 ~ 24.0	-25.0 ~ 24.0	

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



DVMS Eco

DIGITAL VARIABLE MULTI

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



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DVM S ECO HP (380V) BIG				AM100KXMDHH/TC	AM120KXMDHH/TC	AM140KXMDHH/TC	
Model Code							
Power Supply		Φ, #, V, Hz		3,4,380,60	3,4,380,60	3,4,380,60	
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP			10.00	12.00	14.00	
		Ton		7.96	9.52	11.38	
	Capacity (Nominal)	Cooling		kW	28.00	33.50	40.00
				Btu/h	95,500	114,300	136,500
		Heating		kW	31.50	37.50	45.00
				Btu/h	107,500	128,000	153,500
Power	Power Input (Nominal)	Cooling ¹⁾		kW	7.00	8.38	10.00
		Heating ²⁾		kW	6.17	7.50	9.57
	Current Input (Nominal)	Cooling ¹⁾		A	11.51	13.74	16.48
		Heating ²⁾		A	10.38	12.23	15.55
	MCA			A	21.50 (MCA)	23.50 (MCA)	32.00 (MCA)
	MFA			A	30.00	30.00	40.00
COP	Nominal Cooling ¹⁾		-	4.00	4.00	4.00	
	Nominal Heating ²⁾		-	5.11	5.00	4.70	
Compressor	Type		-	SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	
	Output		kW x n	(5.18)	(6.39)	(6.76)	
	Model Name		-	DS-GB052FAVB x1	DS-GB066FAVB x1	DS-GB070FAVA x1	
	Oil	Type		-	PVE	PVE	PVE
Initial Charge		cc	1100	1100	1100		
Fan	Type		-	Propeller	Propeller	Propeller	
	Output x n		W	244.0 x 2	244.0 x 2	244.0 x 2	
	Air Flow Rate		CMM	165	166	180	
			l/s	2,750.00	2,766.67	3,000.00	
	External Static Pressure	Max.		mmAq	-	-	-
		Pa	-	-	-		
Piping Connections	Liquid Pipe		Φ, mm	9.52	12.70	12.70	
			Φ, inch	3/8"	1/2"	1/2"	
	Gas Pipe		Φ, mm	22.22	28.58	28.58	
			Φ, inch	7/8"	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	160	160	160
			Max. Height	m	50.0	50.0	50.0
Field Wiring	Power Source Wire		mm ²	-	-	-	
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type		-	R410A	R410A	R410A	
	Factory Charging		kg	3.70	4.30	4.80	
Sound ³⁾	Sound Pressure		dB(A)	58.0	59.0	62.0	
	Sound Power		dB(A)	-	-	-	
External Dimension	Net Weight		kg	145.0	155.0	162.0	
	Shipping Weight		kg	158.0	168.0	175.0	
	Net Dimensions (WxHxD)		mm	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	
Operating Temp. Range	Cooling		°C	-5.0 ~ 52.0	-5.0 ~ 52.0	-5.0 ~ 52.0	
	Heating		°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	

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

DVM S ECO CO (220V) STANDARD				AM040HXMDBC/TC	AM050HXMDBC/TC	AM060HXMDBC/TC	
Model Code							
Power Supply		Φ, #, V, Hz		1,2,220,60	1,2,220,60	1,2,220,60	
Mode				COOLING ONLY	COOLING ONLY	COOLING ONLY	
Performance	HP			4.00	5.00	6.00	
		Ton		3.12	4.12	4.55	
	Capacity (Nominal)	Cooling		kW	11.00	14.50	16.00
				Btu/h	37,500	49,500	54,600
		Heating		kW	-	-	-
				Btu/h	-	-	
Power	Power Input (Nominal)	Cooling ¹⁾		kW	2.80	3.90	4.20
		Heating ²⁾		kW	-	-	-
	Current Input (Nominal)	Cooling ¹⁾		A	13.50	19.00	20.20
		Heating ²⁾		A	-	-	-
	MCA			A	22.00 (Max.)	24.00 (Max.)	32.00 (Max.)
	MFA			A	30.00	30.00	40.00
COP	Nominal Cooling ¹⁾		-	3.93	3.72	3.81	
	Nominal Heating ²⁾		-	-	-	-	
Compressor	Type		-	Twin BLDC Rotary x1	Twin BLDC Rotary x1	Twin BLDC Rotary x1	
	Output		kW x n	(4.12)	(4.12)	(4.12)	
	Model Name		-	UG5T450FUEJXSG x1	UG5T450FUEJXSG x1	UG5T450FUEJXSG x1	
	Oil	Type		-	PVE	PVE	PVE
Initial Charge		cc	1700	1700	1700		
Fan	Type		-	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	
	Output x n		W	125.0 x1	125.0 x1	125.0 x2	
	Air Flow Rate		CMM	60	60	100	
			l/s	1,000.00	1,000.00	1,666.67	
	External Static Pressure	Max.		mmAq	-	-	-
		Pa	-	-	-		
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"	
	Discharge Gas Pipe		Φ, mm	-	-	-	
			Φ, inch	-	-	-	
	Oil Equalizing Pipe		Φ, mm	-	-	-	
			Φ, inch	-	-	-	
	Installation Limitation		Max. Length	m	70	70	150
			Max. Height	m	30.0	30.0	50.0
Field Wiring	Power Source Wire		mm ²	CV2.5 ~ 4.0	CV2.5 ~ 4	CV4.0 ~ 6	
	Transmission Cable		mm ²	VCTF 0.75 ~ 1.5	VCTF 0.75 ~ 1.5	VCTF 0.75 ~ 1.5	
Refrigerant	Type		-	R410A	R410A	R410A	
	Factory Charging		kg	2.00	2.00	2.80	
Sound ³⁾	Sound Pressure		dB(A)	-	-	-	
	Sound Power		dB(A)	-	-	-	
External Dimension	Net Weight		kg	76.0	76.0	95.0	
	Shipping Weight		kg	79.0	79.0	105.0	
	Net Dimensions (WxHxD)		mm	940 x 998 x 330	940 x 998 x 330	940 x 1,210 x 330	
	Shipping Dimensions (WxHxD)		mm	995 x 1,136 x 426	995 x 1,136 x 426	995 x 1,338 x 426	
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating		°C	-	-	-	

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 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.



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DVM S ECO CO (220V) ANTI CORROSION					
Model Code		AM040MXMKKC/EA	AM050MXMKKC/EA	AM060MXMKKC/EA	
Power Supply		Φ, #, V, Hz 1,2,220-240,50/60			
Mode		COOLING ONLY			
Performance	HP	4.00	5.00	6.00	
	Ton	3.12	4.12	4.55	
	Capacity (Nominal)	Cooling	10.99	14.51	16.00
		Heating	37,500	49,500	54,600
Power	Power Input (Nominal)	2.80	3.90	4.20	
	Current Input (Nominal)	13.50	19.00	20.20	
	MCA	22.00 (MCA)	24.00 (MCA)	32.00 (MCA)	
	MFA	32.00	32.00	40.00	
COP	Nominal Cooling ¹⁾	3.93	3.72	3.81	
	Nominal Heating ²⁾	-	-	-	
Compressor	Type	Twin BLDC Rotary x1	Twin BLDC Rotary x1	Twin BLDC Rotary x1	
	Output	(4.12)	(4.12)	(4.12)	
	Model Name	UG5T450FUEJXSG x1	UG5T450FUEJXSG x1	UG5T450FUEJXSG x1	
Oil	Type	PVE	PVE	PVE	
	Initial Charge	1700	1700	1700	
Fan	Type	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	
	Output x n	125.0 x 1	125.0 x 1	125.0 x 2	
	Air Flow Rate	60	60	100	
	External Static Pressure	1,000.00	1,000.00	1,666.67	
Piping Connections	Liquid Pipe	Φ, mm 9.52	Φ, mm 9.52	Φ, mm 9.52	
	Gas Pipe	Φ, inch 3/8"	Φ, inch 3/8"	Φ, inch 3/8"	
	Discharge Gas Pipe	Φ, mm 15.88	Φ, mm 15.88	Φ, mm 19.05	
	Oil Equalizing Pipe	Φ, mm 5/8"	Φ, mm 5/8"	Φ, mm 3/4"	
	Installation Limitation	Max. Length 70	Max. Length 70	Max. Length 150	
	Field Wiring	Power Source Wire	mm ² -	mm ² -	mm ² -
	Refrigerant	Type	R410A	R410A	R410A
	Sound ³⁾	Sound Pressure	50.0	51.0	53.0
External Dimension	Net Weight	76.0	76.0	95.0	
	Shipping Weight	79.0	79.0	105.0	
	Net Dimensions (WxHxD)	940 x 998 x 330	940 x 998 x 330	940 x 1,210 x 330	
	Shipping Dimensions (WxHxD)	995 x 1,136 x 426	995 x 1,136 x 426	995 x 1,388 x 426	
Operating Temp. Range	Cooling	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	-	-	-	

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

DVM S ECO CO (380V) STANDARD					
Model Code		AM080FXMDGC/EA			
Power Supply		Φ, #, V, Hz 3,4,380-415,50/60			
Mode		COOLING ONLY			
Performance	HP	8.00	8.00	8.00	
	Ton	6.37	6.37	6.37	
	Capacity (Nominal)	Cooling	22.40	22.40	22.40
		Heating	76,400	76,400	76,400
Power	Power Input (Nominal)	5.72	5.72	5.72	
	Current Input (Nominal)	9.66	9.66	9.66	
	MCA	18.00 (MCA)	18.00 (MCA)	18.00 (MCA)	
	MFA	25.00	25.00	25.00	
COP	Nominal Cooling ¹⁾	3.92	3.92	3.92	
	Nominal Heating ²⁾	-	-	-	
Compressor	Type	SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	
	Output	(4.96)	(4.96)	(4.96)	
	Model Name	DS-GB052FAVADO x1	DS-GB052FAVADO x1	DS-GB052FAVADO x1	
Oil	Type	PVE	PVE	PVE	
	Initial Charge	1100	1100	1100	
Fan	Type	Propeller	Propeller	Propeller	
	Output x n	180.0 x 2	180.0 x 2	180.0 x 2	
	Air Flow Rate	135	135	135	
	External Static Pressure	2,250.00	2,250.00	2,250.00	
Piping Connections	Liquid Pipe	Φ, mm 9.52	Φ, mm 9.52	Φ, mm 9.52	
	Gas Pipe	Φ, inch 3/8"	Φ, inch 3/8"	Φ, inch 3/8"	
	Discharge Gas Pipe	Φ, mm 15.88	Φ, mm 15.88	Φ, mm 19.05	
	Oil Equalizing Pipe	Φ, mm 5/8"	Φ, mm 5/8"	Φ, mm 3/4"	
	Installation Limitation	Max. Length 100	Max. Length 100	Max. Length 100	
	Field Wiring	Power Source Wire	mm ² -	mm ² -	mm ² -
	Refrigerant	Type	R410A	R410A	R410A
	Sound ³⁾	Sound Pressure	56.0	56.0	56.0
External Dimension	Net Weight	134.0	134.0	134.0	
	Shipping Weight	139.0	139.0	139.0	
	Net Dimensions (WxHxD)	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330	
	Shipping Dimensions (WxHxD)	995 x 1,578 x 426	995 x 1,578 x 426	995 x 1,578 x 426	
Operating Temp. Range	Cooling	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	-	-	-	

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 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 Units



DVMS WATER

DIGITAL VARIABLE MULTI

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

DVMS WATER HR (220V) AHRI				AM072HXWAFR/AA	AM096HXWAFR/AA	AM120HXWAFR/AA	AM192HXWAFR/AA	AM240KXWAFR/AA	
Model Code									
Power Supply	Φ, #, V, Hz		3,3,208-230,60	3,3,208-230,60	3,3,208-230,60	3,3,208-230,60	3,3,208-230,60	3,3,208-230,60	
Mode			HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	
Performance	HP	HP	7.50	10.00	12.50	20.00	24.00	20.00	
	Ton	TON	6.00	8.00	10.00	16.00	20.00	20.00	
	Capacity (Nominal)	Cooling	kW	21.10	28.13	35.17	56.27	70.34	70.34
		Btu/h	72,000	96,000	120,000	192,000	240,000	240,000	240,000
	Heating	kW	23.74	31.65	39.56	63.30	79.13	79.13	
	Btu/h	81,000	108,000	135,000	216,000	270,000	270,000	270,000	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	3.15	4.27	8.50	15.20	17.56	
		Heating ²⁾	kW	3.52	4.79	8.19	13.39	13.30	
	MCA	A	16.00 (MCA)	23.00 (MCA)	30.00 (MCA)	39.60 (MCA)	66.00 (MCA)	66.00 (MCA)	
	MFA	A	25.00	40.00	50.00	50.00	90.00	90.00	
Compressor	Type		Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll	
	Output	kW x n	4.96	4.96	6.13	4.96 x 2	6.13 x 2	6.13 x 2	
	Oil	Type	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	3.9	3.9	3.9	6.2	6.2	6.2	
Condenser	Type		PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	
	Pipe Size	Φ, inch	NPT1-1/4	NPT1-1/4	NPT1-1/4	NPT1-1/4	NPT2	NPT2	
	Lost Head	kPa	22.0	30.0	43.0	54.0	33.0	33.0	
	Water Flow Rate	LPM	80.0	96.0	114.0	190.0	228.0	228.0	
	Max. Pressure	Mpa	1.96	1.96	1.96	1.96	1.96	1.96	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	15.88	15.88	15.88	
		Φ, inch	3/8"	3/8"	1/2"	5/8"	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 (H/R only)	Φ, mm	15.88	19.05	19.05	28.58	28.58	28.58	
		Φ, inch	5/8"	3/4"	3/4"	1-1/8"	1-1/8"	1-1/8"	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	
Installation Limitation	Max. Length	m	170	170	170	170	170	170	
	Max. Height	m	50.0	50.0	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	R410A	R410A	
	Factory Charging	kg	5.50	5.80	6.00	9.80	11.00	11.00	
Sound ³⁾	Sound Pressure	dB(A)	48/51	48/51	50/52	51/52	55/57	55/57	
	Sound Power	dB(A)	70	70	70	73	74	74	
External Dimension	Net Weight	kg	160.0	160.0	160.0	240.0	280.0	280.0	
	Shipping Weight	kg	167.0	167.0	167.0	250.0	290.0	290.0	
	Net Dimensions (WxHxD)	mm	770 x 1,000 x 545	770 x 1,000 x 545	770 x 1,000 x 545	1,100 x 1,000 x 545	1,100 x 1,000 x 545	1,100 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	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	10.0 ~ 45.0	

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 1) Nominal cooling capacities are based on: Indoor Inlet water temperature : 30°C / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m.
 2) Nominal heating capacities are based on: Indoor Inlet water temperature : 20°C / 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.



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- Auto Commissioning Manager
- Optimal Water Flow Controller

DVMS WATER HR (380V) STANDARD				AM080MXWANR/EU	AM100MXWANR/EU	AM120MXWANR/EU	AM200MXWANR/EU	AM300KXWANR/EU	
Model Code									
Power Supply	Φ, #, V, Hz		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	3,4,380-415,50/60	
Mode			HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	
Performance	HP	HP	8.00	10.00	12.00	20.00	30.00		
	Ton	TON	6.37	7.96	9.55	15.92	23.88		
	Capacity (Nominal)	Cooling	kW	22.40	28.00	33.60	56.00	84.00	
		Btu/h	76,400	95,500	114,600	191,100	286,600		
Power	Power Input (Nominal)	Cooling ¹⁾	kW	3.67	4.87	6.00	10.77	16.80	
		Heating ²⁾	kW	3.97	5.04	6.25	10.86	16.88	
	Current Input (Nominal)	Cooling ¹⁾	A	5.90	7.80	9.60	-	26.40	
		Heating ²⁾	A	6.40	8.10	10.00	17.40	26.50	
COP	Nominal Cooling ¹⁾								
Compressor	Type		SSC Scroll x1	SSC Scroll x1	SSC Scroll x1	SSC Scroll x2	SSC Scroll x2		
	Output	kW x n	(5.18)	(5.18)	(6.39)	(5.18x2)	(6.76x2)		
	Oil	Type	PVE	PVE	PVE	PVE	PVE		
	Initial Charge	cc	1100	1100	1100	2200	2200		
Condenser	Type		PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)		
	Pipe Size	Φ, inch	PT1-1/4	PT1-1/4	PT1-1/4	PT1-1/4	PT2		
	Lost Head	kPa	22.0	30.0	43.0	54.0	50.0		
	Water Flow Rate	LPM	80.0	96.0	114.0	190.0	285.0		
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	15.88	19.05		
		Φ, inch	3/8"	3/8"	1/2"	5/8"	3/4"		
	Gas Pipe	Φ, mm	19.05	22.22	28.58	28.58	34.92		
		Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 3/8"		
Field Wiring	Discharge Gas Pipe (H/R only)	Φ, mm	15.88	19.05	-	-	-		
		Φ, inch	5/8"	3/4"	-	-	-		
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-		
		Φ, inch	-	-	-	-	-		
Refrigerant	Installation Limitation	Max. Length	m	170	170	170	170		
	Max. Height	m	50.0	50.0	50.0	50.0	50.0		
Refrigerant	Power Source Wire	mm ²	-	-	-	-	-		
	Transmission Cable	mm ²	0.75	0.75	0.75	0.75	0.75		
Sound ³⁾	Type		R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.50	5.80	6.00	9.80	11.00		
External Dimension	Sound Pressure	dB(A)	45/46	47/49	47/50	50/52	56/58		
	Sound Power	dB(A)	60	62	67	70	75		
Operating Temp. Range	Net Weight	kg	160.0	160.0	160.0	240.0	280.0		
	Shipping Weight	kg	167.0	167.0	167.0	250.0	290.0		
Operating Temp. Range	Net Dimensions (WxHxD)	mm	770 x 1,000 x 545	770 x 1,000 x 545	770 x 1,000 x 545	1,100 x 1,000 x 545	1,100 x 1,000 x 545		
	Shipping Dimensions (WxHxD)	mm	840 x 1,200 x 620	840 x 1,200 x 620	840 x 1,200 x 620	1,170 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		

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 2) Nominal heating capacities are based on: Indoor Inlet water temperature : 20°C / 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 Units



DVMS WATER

DIGITAL VARIABLE MULTI

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

DVM S WATER HR (460V) AHRI				AM072HXWAJR/AA	AM096HXWAJR/AA	AM120HXWAJR/AA	AM192HXWAJR/AA	AM240KXWAJR/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	
Mode			HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	
Performance	HP	HP	7.50	10.00	12.50	20.00	24		
	Ton	TON	6.00	8.00	10.00	16.00	20.00		
	Capacity (Nominal)	Cooling	kW	21.10	28.13	35.17	56.27	70.34	
			Btu/h	72,000	96,000	120,000	192,000	240,000	
	Heating	kW	23.74	31.65	39.56	63.30	79.13		
		Btu/h	81,000	108,000	135,000	216,000	270,000		
Power	Power Input (Nominal)	Cooling ¹⁾	kW	3.15	4.27	6.99	15.20	17.56	
		Heating ²⁾	kW	3.52	4.79	7.49	13.39	15.30	
	MCA	A	10.00 (MCA)	11.00 (MCA)	15.60 (MCA)	26.20 (MCA)	33.00 (MCA)		
	MFA	A	15.00	15.00	20.00	35.00	45.00		
Compressor	Type		Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll		
	Output	kW x n	4.96	4.96	6.13	4.96x2	6.13x2		
	Oil	Type		PVE	PVE	PVE	PVE	PVE	
		Initial Charge	cc	3.9	3.9	3.9	6.2	6.2	
Condenser	Type		PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)		
	Pipe Size	Φ, inch	NPT1-1/4	NPT1-1/4	NPT1-1/4	NPT1-1/4	NPT 2		
	Lost Head	kPa	22.0	30.0	43.0	54.0	33.0		
	Water Flow Rate	LPM	80.0	96.0	114.0	190.0	228.0		
	Max. Pressure	Mpa	1.96	1.96	1.96	1.96	1.96		
	Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	15.88	15.88	
Gas Pipe		Φ, inch	3/8"	3/8"	1/2"	5/8"	5/8"		
		Φ, mm	19.05	22.22	28.58	28.58	28.58		
Discharge Gas Pipe (H/R only)		Φ, inch	3/4"	7/8"	11/8"	11/8"	11/8"		
		Φ, mm	15.88	19.05	19.05	28.58	28.58		
Oil Equalizing Pipe		Φ, inch	5/8"	3/4"	3/4"	1-1/8"	1-1/8"		
		Φ, mm	-	-	-	-	-		
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	-	-	-	-	-		
	Transmission Cable	mm ²	-	-	-	-	-		
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	5.50	5.80	6.00	9.80	11.00		
Sound ³⁾	Sound Pressure	dB(A)	48/51	48/51	50/52	51/52	55/57		
	Sound Power	dB(A)	70	70	70	73	74		
External Dimension	Net Weight	kg	1670	1670	1670	2470	2870		
	Shipping Weight	kg	174.0	174.0	174.0	257.0	297.0		
	Net Dimensions (WxHxD)	mm	790 x 1,000 x 545	790 x 1,000 x 545	790 x 1,000 x 545	1,120 x 1,000 x 545	1,120 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	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		

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

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter) System
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- Long Pipe Length
- Saving Installation Space
- Auto Commissioning Manager
- Optimal Water Flow Controller

DVMS WATER HP (220V) SMALL

Model Code		AM038KXWDCH/AA	AM048KXWDCH/AA	AM055KXWDCH/AA		
Power Supply	Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60		
Mode		HEAT PUMP	HEAT PUMP	HEAT PUMP		
Performance	HP	HP	-	-		
	Ton	TON	3.18	4.55		
	Capacity (Nominal)	Cooling	kW	11.2	16	
		Btu/h	38200	47800	54600	
Heating	kW	12.5	16	18		
	Btu/h	42600	54600	61400		
Power	Power Input (Nominal)	Cooling ¹⁾	kW	2.09	2.66	3.27
		Heating ²⁾	kW	2.03	2.7	3.18
	MCA	A	20.00 (MCA)	24.00 (MCA)	26.00 (MCA)	
	MFA	A	35.00	40.00	45.00	
Compressor	Type	-	Inverter Rotary x1	Inverter Rotary x1		
	Oil	Type	-	PVE	PVE	
Condenser	Type	-	PHE(PLATE HEAT EXCHANGER)	PHE(PLATE HEAT EXCHANGER)		
	Pipe Size	Φ, inch	NPT1-1/4	NPT1-1/4		
	Lost Head	kPa	25.0	20.0	28.0	
	Water Flow Rate	LPM	40.0	50.0	60.0	
	Max. Pressure	Mpa	1.96	1.96	1.96	
	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	19.05	
		Φ, inch	5/8"	3/4"	3/4"	
Discharge Gas Pipe (H/R only)		Φ, mm	-	-	-	
		Φ, inch	-	-	-	
Oil Equalizing Pipe		Φ, mm	-	-	-	
		Φ, inch	-	-	-	
Installation Limitation		Max. Length	m	75	75	
		Max. Height	m	30.0	30.0	
Field Wiring	Power Source Wire	mm ²	2.5	2.5		
	Transmission Cable	mm ²	0.75 ~ 1.25	0.75 ~ 1.25		
Refrigerant	Type	-	R410A	R410A		
	Factory Charging	kg	1.10	1.60	1.60	
Sound ³⁾	Sound Pressure	dB(A)	47/49	48/50	49/51	
	Sound Power	dB(A)	65	71	71	
External Dimension	Net Weight	kg	73.0	87.0	87.0	
	Shipping Weight	kg	80.0	94.0	94.0	
	Net Dimensions (WxHxD)	mm	750 x 800 x 330	750 x 800 x 330	750 x 800 x 330	
	Shipping Dimensions (WxHxD)	mm	812 x 950 x 392	812 x 950 x 392	812 x 950 x 392	
Operating Temp. Range	Cooling	°C	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	

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

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A3050

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

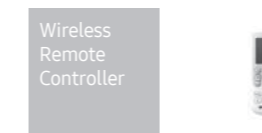
A3050				AM015JNADKH/EU	AM022JNADKH/EU	AM028JNADKH/EU	AM036JNADKH/EU	AM045JNADKH/EU	AM056JNADKH/EU	AM071JNADKH/EU	AM082JNADKH/EU	
Model Code		Standard										
Power Supply		Φ, #, V, Hz		1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	
Mode				-	-	-	-	-	-	-	-	
Performance	Capacity (Nominal)	Cooling	kW	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	
			Btu/h	1.50	2.20	3.60	4.50	5.60	7.10	8.20	8.20	28,000
		Heating	kW	5,100	7,500	9,600	12,300	15,400	19,100	24,200	28,000	28,000
			Btu/h	1.70	2.50	3.20	4.00	5.00	6.30	8.00	8.50	8.50
Power	Power Input (Nominal)	Cooling	W	5,800	8,500	10,900	13,600	17,100	21,500	27,300	29,000	
			Heating	14.00	15.00	16.00	20.00	31.00	27.00	41.00	55.00	
	Current Input (Nominal)	Cooling	A	16.00	18.00	24.00	28.00	41.00	37.00	53.00	72.00	
			Heating	0.12	0.13	0.13	0.15	0.24	0.21	0.31	0.42	
Fan	Motor	Type	-	0.13	0.15	0.19	0.20	0.31	0.29	0.41	0.55	
			Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	
	Air Flow Rate	H/M/L (UL)	CMM	27 x1	27 x1	27 x1	27 x1	27 x1	27 x1	27 x1	27 x1	
			l/s	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	
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-	-	-	-	-	-	-	
			Pa	6.35	6.35	6.35	6.35	6.35	6.35	9.52	9.52	
	Gas Pipe	Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"		
			Φ, mm	12.70	12.70	12.70	12.70	12.70	12.70	15.88	15.88	
Field Wiring	Power Source Wire	mm ²	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"		
			Φ, inch	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	
	Transmission Cable	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		
			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		
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED		
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	
			dB(A)	44.0	50.0	53.0	54.0	57.0	57.0	61.0	65.0	
	Net Weight	kg	7.70	7.70	7.80	9.40	9.40	14.20	14.20	14.20		
			Shipping Weight	9.10	9.10	9.20	11.00	11.00	17.50	17.50	17.50	
Dimensions	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)	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	mm	-	-	-	-	-	-	-	-		
			Panel Net Weight	kg	-	-	-	-	-	-	-	
Additional Accessories	Drain pump	- / Model name	-	-	-	-	-	-	-	-		
			Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	
	Air Filter	-	-	-	-	-	-	-	-	-		
			-	-	-	-	-	-	-	-		

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Optional Accessories



Standard Accessories





A3050 (EEV)

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

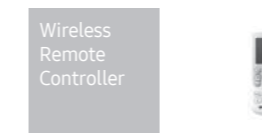
A3050 (EEV)				AM015JNVDKH/EU	AM022JNVDKH/EU	AM028JNVDKH/EU	AM036JNVDKH/EU	AM045JNVDKH/EU	AM056JNVDKH/EU	AM071JNVDKH/EU	AM082JNVDKH/EU
Model Code		Standard		1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60
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				-	-	-	-	-	-	-	-
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 x1	27 x1	27 x1	27 x1	27 x1	27 x1	27 x1	27 x1
	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
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	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	47.0/43.0/40.0
			Cooling	dB(A)	44.0	50.0	53.0	54.0	57.0	57.0	61.0
Dimensions	Net Weight		kg	790	790	800	960	960	14.50	14.50	14.50
			kg	9.30	9.30	9.40	11.20	11.20	17.70	17.70	17.70
	Shipping Weight		kg	9.30	9.30	9.40	11.20	11.20	17.70	17.70	17.70
			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
Panel Size	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
			mm	-	-	-	-	-	-	-	-
	Panel model		kg	-	-	-	-	-	-	-	-
			kg	-	-	-	-	-	-	-	-
Additional Accessories	Drain pump	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	-
			mm / liter/h	-	-	-	-	-	-	-	-
Air Filter			mm	-	-	-	-	-	-	-	-
			mm	-	-	-	-	-	-	-	-

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Optional Accessories



Standard Accessories





New Boracay

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

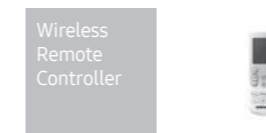
NEW BORACAY				Standard	AM007KNTDCH/AZ	AM009KNTDCH/AZ	AM012KNTDCH/AZ	AM018KNTDCH/AZ	AM020KNTDCH/AZ	AM024KNTDCH/AZ
Model Code		Standard								
Power Supply		Φ, #, V, Hz			1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode		-			HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		2.20	2.78	3.52	5.28	6.80	8.80
			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		30.00	39.00	42.00	57.00	58.00	60.00
		Heating	W		36.00	40.00	42.00	57.00	58.00	62.00
	Current Input (Nominal)	Cooling	A		0.18	0.21	0.22	0.32	0.32	0.32
		Heating	A		0.20	0.21	0.22	0.32	0.32	0.32
Fan	Motor	Type	-		Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output x n	W		17 x 1	17 x 1	17 x 1	32 x 1	32 x 1	32 x 1
	Air Flow Rate	H/M/L (UL)	CMM		6.60/5.70/5.10	7.00/6.20/5.50	8.50/7.50/6.60	14.40/12.90/11.20	15.00/12.90/11.20	15.70/14.10/12.90
			l/s		110.00/95.00/85.00	116.67/103.33/91.67	141.67/125.00/110.00	240.00/215.00/186.67	250.00/215.00/186.67	261.67/235.00/215.00
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		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
Refrigerant	Type	-		R410A	R410A	R410A	R410A	R410A	R410A	
	Control Method	-		EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)		31.0/28.0/25.0	31.0/29.0/26.0	36.0/33.0/29.0	39.0/36.0/33.0	39.0/36.0/33.0	40.0/38.0/35.0
		Cooling	dB(A)		48.0	48.0	51.0	53.0	53.0	55.0
Dimensions	Net Weight	kg		8.00	8.50	8.50	12.00	12.00	12.00	
		Shipping Weight	kg		9.30	9.80	9.80	13.70	13.70	13.70
	Net Dimensions (W×H×D)	mm		820 x 285 x 227	820 x 285 x 227	820 x 285 x 227	1065 x 298 x 243	1065 x 298 x 243	1065 x 298 x 243	
		Shipping Dimensions (W×H×D)	mm		880 x 363 x 280	880 x 363 x 280	880 x 363 x 280	1128 x 378 x 299	1128 x 378 x 299	1128 x 378 x 299
Panel Size	Panel model	-		-	-	-	-	-	-	
		Panel Net Weight	kg		-	-	-	-	-	
	Shipping Weight	kg		-	-	-	-	-	-	
		Net Dimensions (W×H×D)	mm		-	-	-	-	-	
Shipping Dimensions (W×H×D)	mm		-	-	-	-	-	-		
		mm		-	-	-	-	-		
Additional Accessories	Drain pump	- / Model name		-	-	-	-	-	-	
		Max. lifting Height / Displacement	mm / liter/h		-	-	-	-	-	
Air Filter	-			-	-	-	-	-		

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Optional Accessories



Standard Accessories





New Boracay (EEV)

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

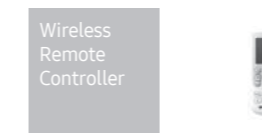
NEW BORACAY (EEV)				Standard	AM007KNQDCH/AZ	AM009KNQDCH/AZ	AM012KNQDCH/AZ	AM018KNQDCH/AZ	AM020KNQDCH/AZ	AM024KNQDCH/AZ
Model Code		Standard								
Power Supply		Φ, #, V, Hz			1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode					HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		2.20	2.78	3.52	5.28	6.80	8.80
			Btu/h		7,500	9,500	12,000	18,000	23,000	30,000
		Heating	kW		2.49	3.08	3.96	5.86	7.74	10.10
			Btu/h		8,500	10,500	13,500	20,000	26,500	34,500
Power	Power Input (Nominal)	Cooling	W		30.00	39.00	42.00	57.00	75.00	98.00
			Heating		36.00	40.00	42.00	57.00	75.00	98.00
	Current Input (Nominal)	Cooling	A		0.18	0.21	0.22	0.32	0.42	0.55
			Heating		0.20	0.21	0.22	0.32	0.42	0.55
Fan	Motor	Type			Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output x n			17 x 1	17 x 1	17 x 1	32 x 1	32 x 1	32 x 1
	Air Flow Rate	H/M/L (UL)	CMM		6.60/5.70/5.10	7.00/6.20/5.50	8.50/7.50/6.60	14.40/12.90/11.20	15.00/12.90/11.20	15.70/14.10/12.90
			l/s		110.00/95.00/85.00	116.67/103.33/91.67	141.67/125.00/110.00	240.00/215.00/186.67	250.00/215.00/186.67	261.67/235.00/215.00
	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
			Power Source Wire		1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Field Wiring	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							
	Control Method				EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
			Sound							
	Sound Pressure	High / Mid / Low	dB(A)		31.0/28.0/25.0	31.0/29.0/26.0	36.0/33.0/29.0	39.0/36.0/33.0	39.0/36.0/33.0	40.0/38.0/35.0
			Sound Power		48.0	48.0	51.0	53.0	53.0	55.0
Dimensions	Net Weight		kg		8.50	9.00	9.00	12.50	12.50	12.50
			Shipping Weight		9.80	10.30	10.30	14.20	14.20	14.20
	Net Dimensions (W×H×D)		mm		820 x 285 x 227	820 x 285 x 227	820 x 285 x 227	1065 x 298 x 243	1065 x 298 x 243	1065 x 298 x 243
			Shipping Dimensions (W×H×D)		880 x 363 x 280	880 x 363 x 280	880 x 363 x 280	1128 x 378 x 299	1128 x 378 x 299	1128 x 378 x 299
Panel Size	Panel model				-	-	-	-	-	-
			Panel Net Weight		-	-	-	-	-	-
	Shipping Weight		kg		-	-	-	-	-	-
			Net Dimensions (W×H×D)		-	-	-	-	-	-
Additional Accessories	Drain pump	Max. lifting Height / Displacement	mm / liter/h		-	-	-	-	-	-
			Air Filter		-	-	-	-	-	-

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Optional Accessories



Standard Accessories





Wind-Free 1Way Cassette

- Only function with Wind-Free Panel
- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water

WIND-FREE 1WAY CASSETTE				Standard	AM007NN1DCH/AZ	AM009NN1DCH/AZ	AM012NN1DCH/AZ	AM018NN1DCH/AZ	AM024NN1DCH/AZ
Power Supply			Φ, #, V, Hz	1,2,208-230,60					
Mode			-	HP/HR					
Performance	Capacity (Nominal)	Cooling	kW	2.20					
		Btu/h	7,500						
		Heating	kW	2.49					
		Btu/h	8,500						
Power	Power Input (Nominal)	Cooling	W	40.00					
		Heating	40.00						
	Current Input (Nominal)	Cooling	A	0.23					
		Heating	0.23						
Fan	Motor	Type	-	Crossflow Fan					
	Output x n	W	17 x 1						
	Air Flow Rate	H/M/L (UL)	CMM	6.00/5.00/4.00					
		l/s	100.00/83.33/66.67						
	External Pressure	Min / Std / Max	mmAq	-					
		Pa	-						
Piping Connections	Liquid Pipe	Φ, mm	6.35						
		Φ, inch	1/4"						
	Gas Pipe	Φ, mm	12.70						
		Φ, inch	1/2"						
Field Wiring	Power Source Wire	mm ²	1.5 ~ 2.5						
	Transmission Cable	mm ²	0.75 ~ 1.5						
Refrigerant	Type	-	R410A						
	Control Method	-	EEV INCLUDED						
Sound	Sound Pressure	High / Mid / Low	dB(A)	29.0/26.0/24.0					
		Cooling	dB(A)	47.0					
Dimensions	Net Weight	kg	10.00						
	Shipping Weight	kg	12.80						
	Net Dimensions (W×H×D)	mm	970 x 135 x 410						
	Shipping Dimensions (W×H×D)	mm	1173 x 231 x 478						
Panel Size	Panel model	-	PCINWFMAN						
	Panel Net Weight	kg	4.30						
	Shipping Weight	kg	6.30						
	Net Dimensions (W×H×D)	mm	1198 x 35 x 500						
Additional Accessories	Drain pump	Max. lifting Height / Displacement	mm / liter/h	-					
		Air Filter	-	-					

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Optional Accessories

<p>Individual Controllers</p> <p>MWR-WE13N AR-EH03E AR-EH03M</p>	<p>Wind-Free Panel</p> <p>PCINWFMAN 17/2.2kW PCINWFMAN 2.2-3.6kW PCIBWFMAN 5.6/7.1kW</p>	<p>Standard Panel</p> <p>PCINUSMAN 2.2-3.6kW PCIBWSEAN 5.6/7.1kW</p>	<p>Stripe</p> <p>PCINUPMAN 2.2-3.6kW PCIBWPEAN 5.6/7.1kW</p>	<p>Z-slide</p> <p>PCINWSKAN 17/2.2kW PCINWSKAN 2.2-3.6kW PCIBWSKAN 5.6/7.1kW</p>	<p>Fluid</p> <p>PCINWSKAN 17/2.2kW PCINWSKAN 2.2-3.6kW PCIBWSKAN 5.6/7.1kW</p>
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------	------------------------------------------------------------------	------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------



2Way Cassette

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



Wind-Free 4Way Cassette (600x600)

- Only function with Wind-Free Panel
- Compact and Light Unit
- Virus Doctor (Optional)
- No Overflowing Drain Water

2WAY CASSETTE				
Model Code		Standard	AM018FN2DCH/TC	AM024FN2DCH/TC
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 Btu/h 18,000	kW 7.03 Btu/h 24,000
		Heating	kW 5.86 Btu/h 20,000	kW 7.91 Btu/h 27,000
	Power Input (Nominal)	Cooling	W 70.00	W 75.00
		Heating	W 70.00	W 75.00
Current Input (Nominal)	Cooling	A 0.38	A 0.40	
	Heating	A 0.38	A 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 l/s 233.33/216.67/200.00	CMM 15.00/14.00/13.00 l/s 250.00/233.33/216.67
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	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
	Transmission Cable	mm ²	AWG 18 ~ 16	AWG 18 ~ 16
Refrigerant	Type	-	R410A	R410A
	Control Method	-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A) 38.0/37.0/35.0	dB(A) 41.0/39.0/37.0
	Sound Power	Cooling	dB(A) -	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 model	-	PC2NUSMEN	PC2NUSMEN
Panel Size	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	-
		Max. lifting Height / Displacement	mm / liter/h	-
	Air Filter	-	-	-

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WIND-FREE 4WAY CASSETTE (600X600)				
Model Code		Standard	AM005NNNDCH/AA	AM007NNNDCH/AA
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 1.47 Btu/h 5,000	kW 2.20 Btu/h 7,500
		Heating	kW 1.76 Btu/h 6,000	kW 2.55 Btu/h 8,700
	Power Input (Nominal)	Cooling	W 18.00	W 18.00
		Heating	W 18.00	W 18.00
Current Input (Nominal)	Cooling	A 0.17	A 0.17	
	Heating	A 0.17	A 0.17	
Fan	Motor	Type	Turbo Fan	Turbo Fan
	Output x n	W	65 x 1	65 x 1
	Air Flow Rate	H/M/L (UL)	CMM 8.49/7.19/6.51 l/s 141.58/119.87/108.54	CMM 8.49/7.19/6.51 l/s 141.58/119.87/108.54
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35
		Φ, inch	1/4"	1/4"
	Gas Pipe	Φ, mm	12.70	12.70
		Φ, inch	1/2"	1/2"
Field Wiring	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	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 INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A) 30.0/28.0/23.0	dB(A) 32.0/29.0/25.0
	Sound Power	Cooling	dB(A) 46.0	dB(A) 47.0
Dimensions	Net Weight	kg	11.70	12.00
	Shipping Weight	kg	13.70	14.00
	Net Dimensions (W×H×D)	mm	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
	Panel model	-	PC4SUFMAN	PC4SUFMAN
Panel Size	Panel Net Weight	kg	2.30	2.30
	Shipping Weight	kg	3.50	3.50
	Net Dimensions (W×H×D)	mm	620 x 45 x 620	620 x 45 x 620
	Shipping Dimensions (W×H×D)	mm	661 x 106 x 671	661 x 106 x 671
Additional Accessories	Drain pump	Drain pump	- / Model name	-
		Max. lifting Height / Displacement	mm / liter/h	-
	Air Filter	-	-	-

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Optional Accessories



Optional Accessories





Wind-Free 4Way Cassette (600x600)

- Only function with Wind-Free Panel
- Compact and Light Unit
- Virus Doctor (Optional)
- No Overflowing Drain Water

WIND-FREE 4WAY CASSETTE (600X600)						
Model Code	Standard	AM009NNNDCH/AA	AM012NNNDCH/AA	AM018NNNDCH/AA	AM020NNNDCH/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	2.78	3.52	5.28	5.86
		Heating	3.08	3.96	5.86	6.74
	Power Input (Nominal)	Cooling	24.00	28.00	36.00	38.00
		Heating	24.00	28.00	36.00	38.00
Power	Current Input (Nominal)	Cooling	0.17	0.19	0.27	0.30
		Heating	0.17	0.19	0.27	0.30
	Motor	Type	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	65 x 1	65 x 1	65 x 1	65 x 1
Fan	Air Flow Rate	H/M/L (UL)	10.00/8.49/7.50	10.51/9.51/8.01	13.00/10.99/9.51	13.51/12.01/10.19
		CMM	166.59/141.58/125.06	175.09/158.57/133.56	216.62/183.11/158.57	225.11/200.10/169.90
	External Pressure	Min / Std / Max	-	-	-	-
		mmAq	-	-	-	-
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"
Field Wiring	Power Source Wire	mm ²	VP25 (OD 32,JD 25)	VP25 (OD 32,JD 25)	VP25 (OD 32,JD 25)	VP25 (OD 32,JD 25)
		AWG	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
		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	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	33.0/30.0/26.0	34.0/30.0/26.0	39.0/36.0/33.0	40.0/38.0/35.0
		Cooling	50.0	51.0	56.0	57.0
Dimensions	Net Weight	kg	12.00	12.00	12.00	12.00
		Shipping Weight	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
Panel Size	Panel model	-	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	
		kg	2.30	2.30	2.30	2.30
	Shipping Weight	kg	3.50	3.50	3.50	3.50
		Net Dimensions (W×H×D)	mm	620 x 45 x 620	620 x 45 x 620	620 x 45 x 620
Shipping Dimensions (W×H×D)	mm	661 x 106 x 671	661 x 106 x 671	661 x 106 x 671	661 x 106 x 671	
	Additional Accessories	Drain pump	- / Model name	-	-	-
Max. lifting Height / Displacement			mm / liter/h	-	-	-
Air Filter	-	-	-	-	-	

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Optional Accessories

<p>Individual Controllers</p>  <p>MWR-WE13N</p>  <p>AR-EH03E / AR-EH03M</p>	<p>Wind-Free Panel</p>  <p>PC4SUFMAN</p>	<p>Standard Panel</p>  <p>PC4SUSMBN (Waffle, White)</p>  <p>PC4SUSMFN (Stripe, White)</p>
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Wind-Free 4Way Cassette

- Only function with Wind-Free Panel
- Compact and Light Unit
- Virus Doctor (Optional)
- No Overflowing Drain Water

WIND-FREE 4WAY CASSETTE				AM009NN4DCH/AA	AM012NN4DCH/AA	AM018NN4DCH/AA	AM024NN4DCH/AA	AM030NN4DCH/AA	AM036NN4DCH/AA	AM048NN4DCH/AA
Model Code		Standard		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
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
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.64	3.52	5.28	7.03	8.79	10.55	14.07
			Btu/h	9,000	12,000	18,000	24,000	30,000	36,000	48,000
		Heating	kW	2.93	3.96	5.86	7.91	9.96	11.72	15.83
			Btu/h	10,000	13,500	20,000	27,000	34,000	40,000	54,000
Power	Power Input (Nominal)	Cooling	W	32.00	32.00	32.00	40.00	65.00	75.00	95.00
			Heating	32.00	32.00	32.00	40.00	65.00	75.00	95.00
	Current Input (Nominal)	Cooling	A	0.25	0.25	0.25	0.30	0.50	0.56	0.75
			Heating	0.25	0.25	0.25	0.30	0.50	0.56	0.75
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	W	65 x 1	65 x 1	65 x 1	65 x 1	97 x 1	97 x 1	97 x 1
	Air Flow Rate	H/M/L (UL)	CMM	15.49/13.99/12.01	15.49/13.99/12.01	15.49/13.99/12.01	17.50/16.00/13.99	22.00/19.51/16.99	24.01/22.00/19.99	29.00/27.01/24.01
			l/s	258.15/233.13/200.10	258.15/233.13/200.10	258.15/233.13/200.10	291.65/266.64/233.13	366.69/325.16/283.16	400.20/366.69/333.18	483.26/450.22/400.20
	External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	-	-
			Pa	-	-	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52
		Φ, inch	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	12.70	12.70	12.70	15.88	15.88	15.88	15.88	
		Φ, inch	1/2"	1/2"	1/2"	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)	
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)	32.0/30.0/28.0	32.0/30.0/28.0	32.0/30.0/28.0	35.0/32.0/28.0	41.0/37.0/31.0	42.0/39.0/36.0	45.0/42.0/39.0
			Cooling	49.0	49.0	49.0	56.0	57.0	58.0	60.0
Dimensions	Net Weight	kg	15.00	15.00	15.00	15.00	16.50	18.50	18.50	
		Shipping Weight	kg	18.50	18.50	18.50	18.50	20.00	22.50	
	Net Dimensions (W×H×D)	mm	840 x 204 x 840	840 x 204 x 840	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 275 x 898	898 x 275 x 898	898 x 357 x 898	898 x 357 x 898	
Panel Size	Panel model	-	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	
		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		
		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	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	1005 x 100 x 1005		
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	-	-	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	
	Air Filter	-	-	-	-	-	-	-		

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Optional Accessories

Individual Controllers



MWR-WE13N



AR-EH03E / AR-EH03M

Wind-Free Panel



PC4NUFMAN

Standard Panel



PC4NUSKAN (Waffle, White)



PC4NUSKEN (Stripe, White)



PC4NBSKAN (Waffle, Black)



360 Cassette

- Cold Draft Free
- Perfect even cooling
- Stylish design

360 CASSETTE				AM009KN4DCH/AA	AM012KN4DCH/AA	AM018KN4DCH/AA	AM024KN4DCH/AA	AM030KN4DCH/AA	AM036KN4DCH/AA	AM048KN4DCH/AA
Model Code	Standard			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
Power Supply	Φ, #, V, Hz									
Mode	-			HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.64	3.52	4.64	6.16	8.16	10.56	13.44
			Btu/h	9,000	12,000	15,840	20,976	27,744	35,904	45,888
		Heating	kW	2.93	3.96	5.28	7.03	9.36	12.12	15.84
			Btu/h	10,000	13,500	18,240	24,096	32,064	41,616	53,952
Power	Power Input (Nominal)	Cooling	W	26.00	26.00	26.00	38.00	54.00	71.00	91.00
			Heating	26.00	26.00	26.00	38.00	54.00	71.00	91.00
	Current Input (Nominal)	Cooling	A	0.18	0.18	0.18	0.28	0.42	0.57	0.75
			Heating	0.18	0.18	0.18	0.28	0.42	0.57	0.75
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	W	65 x 1	65 x 1	65 x 1	65 x 1	97 x 1	97 x 1	97 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	19.00/16.50/14.50	25.50/22.50/20.00	28.00/25.00/22.00	31.50/27.00/24.00
			l/s	266.67/250.00/233.33	266.67/250.00/233.33	266.67/250.00/233.33	316.67/275.00/241.67	425.00/375.00/333.33	466.67/416.67/366.67	525.00/450.00/400.00
External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	-	-	-
		Pa	-	-	-	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52
		Φ, inch	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	12.70	12.70	12.70	15.88	15.88	15.88	15.88	15.88
		Φ, inch	1/2"	1/2"	1/2"	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)	33.0/31.0/29.0	33.0/31.0/29.0	33.0/31.0/29.0	38.0/35.0/32.0	40.0/38.0/36.0	43.0/40.0/38.0	44.0/42.0/39.0
			dB(A)	-	-	-	-	-	-	-
Dimensions	Net Weight	kg	21.00	21.00	21.00	21.00	24.00	24.00	24.00	
	Shipping Weight	kg	25.00	25.00	25.00	25.00	29.00	29.00	29.00	
	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 365 x 947	947 x 365 x 947	947 x 365 x 947	
	Shipping Dimensions (W×H×D)	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	990 x 414 x 990	
Panel Size	Panel model	-	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	
	Panel Net Weight	kg	2.70	2.70	2.70	2.70	2.70	2.70	2.70	
	Shipping Weight	kg	5.10	5.10	5.10	5.10	5.10	5.10	5.10	
	Net Dimensions (W×H×D)	mm	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	1050 x 94 x 1050	1050 x 94 x 1050	
Shipping Dimensions (W×H×D)	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	1093 x 85 x 1083		
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	-	-	-	-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-
	Air Filter	-	-	-	-	-	-	-	-	

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Optional Accessories



LSP Duct



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

LSP DUCT				AM007FNLDC/AA	AM009FNLDC/AA	AM012FNLDC/AA	AM018FNLDC/AA	AM024FNLDC/AA	AM030FNLDC/AA	AM036FNLDC/AA	AM048FNLDC/AA
Model Code	Standard										
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	1,2,220-240,50	1,2,208-230,60	1,2,208-230,60
Mode			-	-	-	-	-	-	-	-	-
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.78	3.52	5.28	7.03	8.79	10.55	14.07
			Btu/h	7,500	9,500	12,000	18,000	24,000	30,000	36,000	48,000
		Heating	kW	2.49	3.08	3.96	5.86	7.91	9.96	11.72	15.83
			Btu/h	8,500	10,500	13,500	20,000	27,000	34,000	40,000	54,000
Power	Power Input (Nominal)	Cooling	W	47.00	60.00	75.00	140.00	145.00	95.00	120.00	180.00
			Heating	47.00	60.00	75.00	140.00	145.00	95.00	120.00	180.00
	Current Input (Nominal)	Cooling	A	0.32	0.40	0.51	0.94	0.98	0.80	1.05	1.40
			Heating	0.32	0.40	0.51	0.94	0.98	0.80	1.05	1.40
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	40 x 1	50 x 1	60 x 1	100 x 1	110 x 1	80 x 1	100 x 1	160 x 1
	Air Flow Rate	H/M/L (UL)	CMM	8.01/6.99/6.00	9.00/8.01/6.99	10.00/8.49/6.99	15.49/13.99/12.49	16.51/15.01/13.51	31.01/25.99/22.99	34.01/29.00/24.01	38.00/32.00/27.01
			l/s	133.56/116.57/100.05	150.07/133.56/116.57	166.59/141.58/116.57	258.15/233.13/208.12	275.14/250.12/225.11	516.76/433.23/383.21	566.79/483.26/400.20	633.33/533.28/450.22
External Pressure	Min / Std / Max	mmAq	0.00/1.02/4.06	0.00/1.02/4.06	0.00/1.02/4.06	0.00/1.02/4.06	0.00/1.02/4.06	0.00/1.02/4.06	0.00/1.02/6.10	0.00/3.05/6.10	0.00/3.05/6.10
		Pa	0.00/10.00/39.81	0.00/10.00/39.81	0.00/10.00/39.81	0.00/10.00/39.81	0.00/10.00/39.81	0.00/10.00/39.81	0.00/10.00/59.82	0.00/29.91/59.82	0.00/29.91/59.82
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52
		Φ, inch	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	15.88	15.88	15.88	15.88	15.88
		Φ, inch	1/2"	1/2"	1/2"	1/2"	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)	VP25 (OD 32, ID 25)	
Field Wiring	Power Source Wire	mm ²	AWG14	AWG14	AWG14	AWG14	AWG14	AWG14	AWG14	AWG14	
	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	2 X 16 AWG SHIELDED	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	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	36.0/34.0/31.0	38.0/36.0/33.0	37.0/36.0/34.0	37.0/36.0/34.0	39.0/38.0/36.0
			dB(A)	-	-	-	-	-	-	-	-
Dimensions	Net Weight	kg	24.50	24.50	24.50	30.00	30.00	40.00	40.00	41.50	
	Shipping Weight	kg	28.50	28.50	28.50	34.50	34.50	47.00	47.00	48.50	
	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	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	1150 x 280 x 710	1150 x 280 x 710	1150 x 280 x 710	1350 x 280 x 710	1350 x 280 x 710	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835	
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-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	-
Air Filter	-	-	-	-	-	-	-	-	-	-	

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Optional Accessories





HSP Duct

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



LSP Duct (Drain Pump)

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

HSP DUCT				
Model Code		Standard	AM076FNHDCH/AA	AM096FNHDCH/AA
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 22.51	kW 28.13
		Heating	kW 24.97	kW 31.65
Power	Power Input (Nominal)	Cooling	Btu/h 76,800	Btu/h 96,000
		Heating	Btu/h 85,200	Btu/h 108,000
Fan	Air Flow Rate	Cooling	W 530.00	W 790.00
		Heating	W 530.00	W 790.00
Field Wiring	Transmission Cable	Cooling	A 3.80	A 5.90
		Heating	A 3.80	A 5.90
Refrigerant	Control Method	Type	-	Sirocco Fan
		Output x n	W 400 x 1	W 400 x 1
Piping Connections	Liquid Pipe	CMM	5799/5199/4700	72.01/65.01/5799
		l/s	966.51/866.46/783.40	1,200.12/1,083.55/966.51
Panel Size	Panel Net Weight	mmAq	5.08/14.99/24.89	5.08/14.99/27.94
		Pa	49.82/146.96/244.11	49.82/146.96/274.00
Additional Accessories	Drain pump	mm	9.52	9.52
		inch	3/8"	3/8"
Additional Accessories	Max. lifting Height / Displacement	mm	19.05	22.22
		inch	3/4"	7/8"
Additional Accessories	Air Filter	mm	VP25 (OD 32,JD 25)	VP25 (OD 32,JD 25)
		mm ²	AWG 14	AWG 14
Additional Accessories	Air Filter	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED
		Type	-	R410A
Additional Accessories	Air Filter	-	EEV INCLUDED	EEV INCLUDED
		dB(A)	45.0/43.0/41.0	48.0/46.0/43.0
Additional Accessories	Air Filter	kg	89.00	89.00
		kg	99.00	99.00
Additional Accessories	Air Filter	mm	1240 x 470 x 1040	1240 x 470 x 1040
		mm	1507 x 558 x 1155	1507 x 558 x 1155
Additional Accessories	Air Filter	kg	-	-
		kg	-	-
Additional Accessories	Air Filter	mm	-	-
		mm	-	-
Additional Accessories	Air Filter	- / Model name	MDP-N047SNC1D	MDP-N047SNC1D
		mm / liter/h	-	-

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LSP DUCT				
Model Code		Standard	AM007KNLDCH/AZ	AM009KNLDCH/AZ
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 2.20	kW 2.78
		Heating	kW 2.49	kW 3.08
Power	Power Input (Nominal)	Cooling	Btu/h 7,500	Btu/h 9,500
		Heating	Btu/h 8,500	Btu/h 10,500
Fan	Air Flow Rate	Cooling	W 47.00	W 60.00
		Heating	W 47.00	W 60.00
Field Wiring	Transmission Cable	Cooling	A 0.32	A 0.40
		Heating	A 0.32	A 0.40
Refrigerant	Control Method	Type	-	Sirocco Fan
		Output x n	W 40 x 1	W 50 x 1
Piping Connections	Liquid Pipe	CMM	8.01/6.99/6.00	9.00/8.01/6.99
		l/s	133.50/116.50/100.00	150.00/133.50/116.50
Panel Size	Panel Net Weight	mmAq	0.00/1.02/4.06	0.00/1.02/4.06
		Pa	0.00/10.00/39.81	0.00/10.00/39.81
Additional Accessories	Drain pump	mm	6.35	6.35
		inch	1/4"	1/4"
Additional Accessories	Max. lifting Height / Displacement	mm	12.70	12.70
		inch	1/2"	1/2"
Additional Accessories	Air Filter	mm	VP25 (OD 32,JD 25)	VP25 (OD 32,JD 25)
		mm ²	AWG 14	AWG 14
Additional Accessories	Air Filter	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED
		Type	-	R410A
Additional Accessories	Air Filter	-	EEV INCLUDED	EEV INCLUDED
		dB(A)	26.0/24.0/21.0	27.0/25.0/23.0
Additional Accessories	Air Filter	kg	46.0	47.0
		kg	24.50	24.50
Additional Accessories	Air Filter	mm	900 x 199 x 600	900 x 199 x 600
		mm	1150 x 280 x 710	1150 x 280 x 710
Additional Accessories	Air Filter	kg	-	-
		kg	-	-
Additional Accessories	Air Filter	mm	-	-
		mm	-	-
Additional Accessories	Air Filter	- / Model name	MDP-E075SEE3D	MDP-E075SEE3D
		mm / liter/h	-	-

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Optional Accessories



Optional Accessories



LSP Duct (Drain Pump)



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

LSP DUCT				AM012KNLDCH/AZ	AM018KNLDCH/AZ	AM024KNLDCH/AZ	AM030KNLDCH/AZ	AM036KNLDCH/AZ	AM048KNLDCH/AZ
Model Code		Standard		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		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	3.52	5.28	7.03	8.79	10.55	14.07
			Btu/h	12,000	18,000	24,000	30,000	36,000	48,000
Performance	Capacity (Nominal)	Heating	kW	3.96	5.86	7.91	9.96	11.72	15.83
			Btu/h	13,500	20,000	27,000	34,000	40,000	54,000
Power	Power Input (Nominal)	Cooling	W	75.00	140.00	145.00	95.00	120.00	180.00
			Heating	75.00	140.00	145.00	95.00	120.00	180.00
	Current Input (Nominal)	Cooling	A	0.51	0.94	0.98	0.80	1.05	1.40
			Heating	0.51	0.94	0.98	0.80	1.05	1.40
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	60 x 1	100 x 1	110 x 1	80 x 1	100 x 1	160 x 1
	Air Flow Rate	H/M/L (UL)	CMM	10.00/8.49/6.99	15.49/13.99/12.49	16.51/15.01/13.51	31.01/25.99/22.99	34.01/29.00/24.01	38.00/32.00/27.01
			l/s	166.67/141.50/116.50	258.17/233.17/208.17	275.17/250.17/225.17	516.83/433.17/383.17	566.83/483.33/400.17	633.33/533.33/450.17
External Pressure	Min / Std / Max	mmAq	0.00/1.02/4.06	0.00/1.02/4.06	0.00/1.02/4.06	0.00/1.02/6.10	0.00/3.05/6.10	0.00/3.05/6.10	
		Pa	0.00/10.00/39.81	0.00/10.00/39.81	0.00/10.00/39.81	0.00/10.00/59.82	0.00/29.91/59.82	0.00/29.91/59.82	
Piping Connections	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"	
	Gas Pipe	Φ, mm	12.70	12.70	15.88	15.88	15.88	15.88	
		Φ, inch	1/2"	1/2"	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)		
	Power Source Wire	mm ²	AWG 14	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	2 X 16 AWG SHIELDED		
		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)	29.0/28.0/27.0	36.0/34.0/31.0	38.0/36.0/33.0	37.0/36.0/34.0	37.0/36.0/34.0	39.0/38.0/36.0
			dB(A)	49.0	56.0	58.0	57.0	57.0	59.0
Dimensions	Net Weight	Cooling	kg	24.50	30.50	30.50	40.50	40.50	42.00
			Shipping Weight	kg	29.00	35.50	35.50	48.00	48.00
	Net Dimensions (W×H×D)	mm	900 x 199 x 600	1100 x 199 x 600	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	1150 x 280 x 710	1350 x 280 x 710	1350 x 280 x 710	1575 x 370 x 835	1575 x 370 x 835
Panel Size	Panel model	-	kg	-	-	-	-	-	
			Shipping Weight	kg	-	-	-	-	-
	Net Dimensions (W×H×D)	mm	-	-	-	-	-	-	
			Shipping Dimensions (W×H×D)	mm	-	-	-	-	-
Additional Accessories	Drain pump	Drain pump	- / Model name	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	
	Air Filter	-	-	-	-	-	-		

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Optional Accessories



MSP Duct (Drain Pump)



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

MSP DUCT				AM007JNMDCH/AA	AM009JNMDCH/AA	AM018KNMDCH/AZ	AM024KNMDCH/AZ	AM030KNMDCH/AZ	AM036KNMDCH/AZ	AM048KNMDCH/AZ	AM054KNMDCH1AZ
Model Code		Standard									
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	2.20	2.78	5.28	7.03	8.79	10.55	14.07	15.83
			Btu/h	7,500	9,500	18,000	24,000	30,000	36,000	48,000	54,000
		Heating	kW	2.49	3.08	5.86	7.91	9.96	11.72	15.83	17.58
			Btu/h	8,500	10,500	20,000	27,000	34,000	40,000	54,000	60,000
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	165.00	220.00	260.00	290.00	430.00	540.00
			Heating	30.00	30.00	165.00	220.00	260.00	290.00	430.00	540.00
	Current Input (Nominal)	Cooling	A	0.24	0.24	1.40	1.50	1.50	1.60	2.45	2.51
			Heating	0.24	0.24	1.40	1.50	1.50	1.60	2.45	2.51
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	183 x 1	183 x 1	124 x 1	180 x 1	180 x 1	180 x 1	218 x 1	370 x 1
	Air Flow Rate	H/M/L (UL)	CMM	750/6.71/6.00	9.00/8.01/6.99	14.50/13.00/11.50	18.49/16.99/15.49	25.00/22.99/19.99	27.01/25.00/22.99	35.00/32.99/29.99	43.00/38.00/30.50
			l/s	125.06/111.85/100.05	150.07/133.56/116.57	241.67/216.67/191.67	308.17/283.17/258.17	416.67/383.17/333.17	450.17/416.67/383.17	583.33/549.83/499.83	716.67/633.33/508.33
	External Pressure	Min / Std / Max	mmAq	0.00/1.02/14.99	0.00/1.02/14.99	0.00/4.06/7.87	0.00/4.06/7.87	6.10/7.87/9.91	6.10/7.87/9.91	6.10/7.87/9.91	4.00/8.00/14.00
			Pa	0.00/10.00/147.00	0.00/10.00/147.00	0.00/39.81/77.18	0.00/39.81/77.18	59.82/77.18/97.18	59.82/77.18/97.18	59.82/77.18/97.18	39.23/78.45/137.29
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52
			Φ, inch	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe		Φ, mm	12.70	12.70	12.70	15.88	15.88	15.88	15.88	15.88
			Φ, inch	1/2"	1/2"	1/2"	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)	
Field Wiring	Power Source Wire		mm ²	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	AWG 14	1.5 - 2.5
	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	0.75 - 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	36.0/30.0/26.0	38.0/32.0/26.0	34.0/32.0/29.0	36.0/33.0/30.0	36.0/34.0/31.0	41.0/38.0/35.0	42.0/39.0/36.0	43.0/40.0/36.0
				Sound Power	Cooling	dB(A)	55.0	56.0	54.0	56.0	59.0
Dimensions	Net Weight		kg	41.50	41.50	28.50	28.50	36.00	36.00	48.50	-
	Shipping Weight		kg	47.00	47.00	33.00	33.00	41.00	41.00	57.00	-
	Net Dimensions (W×H×D)		mm	1150 x 320 x 480	1150 x 320 x 480	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	1200 x 360 x 650
	Shipping Dimensions (W×H×D)		mm	1419 x 400 x 594	1447 x 425 x 769	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	1480 x 420 x 790
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	-	-	MDP-M075SGU3D	MDP-M075SGU3D	MDP-M075SGU1D	MDP-M075SGU1D	MDP-M075SGU2D	MDP-M075SGU2D
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-	-	-	-

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Optional Accessories





HSP Duct (Drain Pump)

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

HSP DUCT				AM012KNHPKH/AZ	AM018KNHPKH/AZ	AM024KNHPKH/AZ	AM030KNHPKH/AZ	AM036KNHPKH/AZ	AM042KNHPKH/AZ	AM048KNHPKH/AZ	
Model Code		Standard									
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	
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	3.60	5.60	9.00	11.20	12.80	14.00	14.00	
			Btu/h	12,300	19,100	24,200	30,700	38,200	43,700	47,800	47,800
		Heating	kW	4.00	6.30	8.00	10.00	12.50	13.80	16.00	16.00
			Btu/h	13,600	21,500	27,300	34,100	42,700	47,100	54,600	54,600
Power	Power Input (Nominal)	Cooling	W	50.00	70.00	120.00	145.00	165.00	175.00	215.00	
			Heating	50.00	70.00	120.00	145.00	165.00	175.00	215.00	215.00
	Current Input (Nominal)	Cooling	A	0.50	0.70	1.00	1.20	1.40	1.50	1.70	
			Heating	0.50	0.70	1.00	1.20	1.40	1.50	1.70	
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
		Output x n	W	153 x 1	153 x 1	153 x 1	153 x 1	244 x 1	244 x 1	244 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	12.00/9.50/8.00	16.00/13.50/11.00	22.00/19.00/16.00	29.00/25.00/22.00	35.00/29.00/22.00	38.00/32.00/25.00	42.00/34.00/25.00	
			l/s	200.00/158.33/133.33	266.67/225.00/183.33	366.67/316.67/266.67	483.33/416.67/366.67	583.33/483.33/366.67	633.33/533.33/416.67	700.00/566.67/416.67	
External Pressure	Min / Std / Max	mmAq	0.00/2.50/15.00	0.00/3.00/15.00	0.00/3.00/15.00	0.00/4.00/15.00	0.00/5.20/15.00	0.00/5.20/15.00	0.00/5.20/15.00		
		Pa	0.00/24.52/147.10	0.00/29.42/147.10	0.00/29.42/147.10	0.00/39.23/147.10	0.00/50.99/147.10	0.00/50.99/147.10	0.00/50.99/147.10		
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	9.52	9.52	9.52	9.52	9.52		
		Φ, inch	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"		
	Gas Pipe	Φ, mm	12.70	12.70	15.88	15.88	15.88	15.88	15.88		
		Φ, inch	1/2"	1/2"	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)			
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			
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED			
Sound	Sound Pressure	High / Mid / Low	dB(A)	32.0/29.0/26.0	33.0/30.0/27.0	37.0/33.0/29.0	38.0/35.0/32.0	38.0/35.0/32.0	39.0/36.0/32.0	40.0/37.0/32.0	
			dB(A)	47.0	49.0	57.0	58.0	62.0	62.0	64.0	
Dimensions	Net Weight	Shipping Weight	kg	26.00	26.00	26.00	33.50	38.50	38.50	38.50	
			kg	30.50	30.50	30.50	39.00	44.00	44.00	44.00	
	Net Dimensions (W×H×D)	Shipping Dimensions (W×H×D)	mm	850 x 250 x 700	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	1300 x 300 x 700	
			mm	1064 x 320 x 784	1064 x 320 x 784	1064 x 320 x 784	1429 x 320 x 779	1529 x 370 x 779	1529 x 370 x 779	1529 x 370 x 779	
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	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	
	Air Filter	-	-	-	-	-	-	-			

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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



OAP

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

BIG DUCT					
Model Code		Standard	AM180JNHFKH/EU	AM224JNHFKH/EU	
Power Supply		Φ, #, V, Hz	1,220-240,50	1,220-240,50	
Mode		-	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	18.00	
			Btu/h	61,400	
		Heating	kW	20.00	
			Btu/h	68,200	
Power	Power Input (Nominal)	Cooling	W	340.00	
			Heating	340.00	
	Current Input (Nominal)	Cooling	A	1.90	
			Heating	1.90	
Fan	Motor	Type	Sirocco	Sirocco	
		Output x n	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"	
Drain Pipe		Φ, mm	VP25 (OD 25, ID 20)	VP25 (OD 25, ID 20)	
Field Wiring	Power Source Wire	mm ²	-	-	
	Transmission Cable	mm ²	0.75 - 1.5	0.75 - 1.5	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	43.0/39.0/35.0	
			dB(A)	80.0	
Dimensions	Net Weight	Cooling	kg	82.50	
			Shipping Weight	92.00	
	Net Dimensions (W×H×D)	mm	mm	1350 x 450 x 910	
			Shipping Dimensions (W×H×D)	1612 x 519 x 984	
Panel Size	Panel model	kg	-	-	
			Shipping Weight	-	
	Net Dimensions (W×H×D)	mm	mm	-	
			Shipping Dimensions (W×H×D)	-	
Additional Accessories	Drain pump	- / Model name	MDP-G075SP	MDP-G075SP	
			Max. lifting Height / Displacement	mm / liter/h	-
Air Filter		-	-	-	

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OAP DUCT					
Model Code		Standard	AM048KNEPCH/AZ	AM072KNEPCH/AZ	AM096KNEPCH/AZ
Power Supply		Φ, #, V, Hz	1,220-230,60	1,220-230,60	1,220-230,60
Mode		-	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	14.00	
			Btu/h	47,800	
		Heating	kW	8.90	
			Btu/h	30,400	
Power	Power Input (Nominal)	Cooling	W	220.00	
			Heating	220.00	
	Current Input (Nominal)	Cooling	A	1.60	
			Heating	1.60	
Fan	Motor	Type	Sirocco	Sirocco	
		Output x n	400 x 1	400 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	18.00/-/-	28.00/-/-
			l/s	300.00/-/-	466.67/-/-
External Pressure	Min / Std / Max	mmAq	5.00/20.39/25.00	10.00/23.45/25.00	
		Pa	49.03/199.96/245.17	98.07/229.97/245.17	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	19.05	
		Φ, inch	5/8"	3/4"	
Drain Pipe		Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Field Wiring	Power Source Wire	mm ²	1.5 - 2.5	1.5 - 2.5	
	Transmission Cable	mm ²	0.75 - 1.5	0.75 - 1.5	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	42.0/-/-	
			dB(A)	-	
Dimensions	Net Weight	Cooling	kg	51	
			Shipping Weight	61	
	Net Dimensions (W×H×D)	mm	mm	1110 x 390 x 650	
			Shipping Dimensions (W×H×D)	1335 x 512 x 829	
Panel Size	Panel model	kg	-	-	
			Shipping Weight	-	
	Net Dimensions (W×H×D)	mm	mm	-	
			Shipping Dimensions (W×H×D)	-	
Additional Accessories	Drain pump	- / Model name	MDP-N047SNC0D(option)	MDP-N047SNC1D(option)	
			Max. lifting Height / Displacement	mm / liter/h	-
Air Filter		-	-	-	

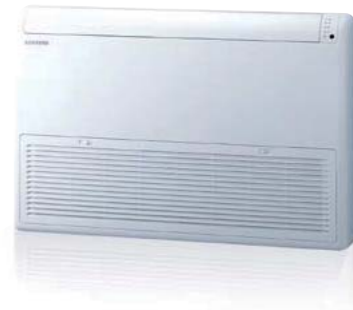
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Optional Accessories



Optional Accessories





Ceiling

- 2Way Installation
- Compact but Powerful



Big Ceiling

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

CEILING					
Model Code		Standard	AM018FNCDCH/AA	AM024FNCDCH/AA	
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 Btu/h	5.28 18,000	
		Heating	kW Btu/h	7.03 24,000	
	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 l/s	13.99/13.00/12.01 233.13/216.62/200.10	18.01/16.51/15.01 300.15/275.14/250.12
External Pressure	Min / Std / Max	mmAq Pa	- -	- -	
	Liquid Pipe	Φ, mm	6.35	9.52	
Piping Connections	Gas Pipe	Φ, inch	1/4"	3/8"	
	Gas Pipe	Φ, mm	12.70	15.88	
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	
	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	-	
	Max. lifting Height / Displacement	mm / liter/h	-	-	
Air Filter	-	-	-	-	

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BIG CEILING					
Model Code		Standard	AM112JNCDKH/EU	AM140JNCDKH/EU	
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 Btu/h	11.20 38,200	
		Heating	kW Btu/h	12.50 42,700	
	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 l/s	29.30/23.90/18.50 488.33/398.33/308.33	36.40/30.80/26.00 606.67/513.33/433.33
External Pressure	Min / Std / Max	mmAq Pa	- -	- -	
	Liquid Pipe	Φ, mm	9.52	9.52	
Piping Connections	Gas Pipe	Φ, inch	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	15.88	
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	
	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 675 x 235	1650 x 675 x 235	
	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	-	
	Max. lifting Height / Displacement	mm / liter/h	-	-	
Air Filter	-	-	-	-	

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Optional Accessories



Optional Accessories





Floor Standing (Concealed)

- Silent, but Powerful operation
- Clean air quality with easy maintenance

FLOOR STANDING (CONCEALED)				AM006JNFDCH/AA	AM009JNFDCH/AA	AM012JNFDCH/AA	AM018JNFDCH/AA	AM024JNFDCH/AA
Model Code	Standard			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	Φ, #, V, Hz							
Mode				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	1.76	2.78	3.52	5.28	7.03
			Btu/h	6,000	9,500	12,000	18,000	24,000
		Heating	kW	1.96	3.08	3.96	5.86	7.91
			Btu/h	6,700	10,500	13,500	20,000	27,000
Power	Power Input (Nominal)	Cooling	W	35.00	40.00	50.00	110.00	110.00
			Heating	35.00	40.00	50.00	110.00	110.00
	Current Input (Nominal)	Cooling	A	0.20	0.22	0.24	0.53	0.53
			Heating	0.20	0.22	0.24	0.53	0.53
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	10 x 1	10 x 1	10 x 1	50 x 1	50 x 1
	Air Flow Rate	H/M/L (UL)	CMM	4.96/3.96/2.97	7.08/5.52/4.53	9.91/8.49/5.95	15.57/14.02/11.04	15.57/14.02/11.04
			l/s	82.59/66.07/49.55	117.98/92.03/75.51	165.18/141.58/99.11	259.50/233.67/184.00	259.50/233.67/184.00
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	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE		
Field Wiring	Power Source Wire	mm ²	2.5	2.5	2.5	2.5		
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
Refrigerant	Type		R410A	R410A	R410A	R410A		
	Control Method		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED		
Sound	Sound Pressure	High / Mid / Low	dB(A)	23.0/22.0/20.0	26.0/24.0/21.0	37.0/32.0/27.0	40.0/36.0/32.0	40.0/36.0/32.0
			dB(A)	-	-	-	-	
Dimensions	Net Weight	kg	23.00	23.00	23.00	28.49	28.49	
	Shipping Weight	kg	26.99	26.99	26.99	33.48	33.48	
	Net Dimensions (W×H×D)	mm	945 x 600 x 220	945 x 600 x 220	945 x 600 x 220	1225 x 600 x 220	1225 x 600 x 220	
	Shipping Dimensions (W×H×D)	mm	1035 x 690 x 310	1035 x 690 x 310	1035 x 690 x 310	1335 x 690 x 310	1335 x 690 x 310	
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			-	-	-	-		

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Optional Accessories





Floor Standing (Exposed)

- Silent, but Powerful operation
- Clean air quality with easy maintenance

FLOOR STANDING (EXPOSED)				AM006JNGDCH/AA	AM009JNGDCH/AA	AM012JNGDCH/AA	AM018JNGDCH/AA	AM024JNGDCH/AA
Model Code		Standard						
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	1.76	2.78	3.52	5.28	7.03
			Btu/h	6,000	9,500	12,000	18,000	24,000
		Heating	kW	1.96	3.08	3.96	5.86	7.91
			Btu/h	6,700	10,500	13,500	20,000	27,000
Power	Power Input (Nominal)	Cooling	W	35.00	40.00	50.00	110.00	110.00
			Heating	35.00	40.00	50.00	110.00	110.00
	Current Input (Nominal)	Cooling	A	0.20	0.22	0.24	0.53	0.53
			Heating	0.20	0.22	0.24	0.53	0.53
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	10 x 1	10 x 1	10 x 1	50 x 1	50 x 1
	Air Flow Rate	H/M/L (UL)	CMM	4.96/3.96/2.97	7.08/5.52/4.53	9.91/8.49/5.95	15.57/14.02/11.04	15.57/14.02/11.04
			l/s	82.59/66.07/49.55	117.98/92.03/75.51	165.18/141.58/99.11	259.50/233.67/184.00	259.50/233.67/184.00
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	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE		
Field Wiring	Power Source Wire	mm ²	2.5	2.5	2.5	2.5	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 INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	23.0/22.0/20.0	26.0/24.0/21.0	37.0/32.0/27.0	40.0/36.0/32.0	40.0/36.0/32.0
			dB(A)	-	-	-	-	-
Dimensions	Net Weight		kg	25.99	25.99	25.99	31.48	31.48
			kg	29.48	29.48	29.48	36.51	36.51
	Shipping Weight		mm	1168 x 600 x 220	1168 x 600 x 220	1168 x 600 x 220	1449 x 600 x 220	1449 x 600 x 220
			mm	1255 x 690 x 310	1255 x 690 x 310	1255 x 690 x 310	1534 x 690 x 310	1534 x 690 x 310
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			-	-	-	-		

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Optional Accessories





Multi AHU (Vertical)

- Flexible installation by simply adjusting discharging direction
- Top, Left, Right Side Discharge
- Appropriate Range of ESP with huge coverage
- External Heater Application



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

MULTI POSITION AHU						
Model Code		Standard	AM036JNZDCH/AA	AM048JNZDCH/AA	AM060JNZDCH/AA	
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	10.55	14.07	17.58
		Btu/h	36,000	48,000	60,000	
	Heating	kW	11.72	15.83	18.76	
		Btu/h	40,000	54,000	64,000	
Power	Power Input (Nominal)	Cooling	W	218.00	290.00	380.00
		Heating	W	218.00	290.00	380.00
	Current Input (Nominal)	Cooling	A	1.58	2.07	2.74
		Heating	A	1.58	2.07	2.74
Fan	Motor	Type	-	Sirocco (ECM)	Sirocco (ECM)	Sirocco (ECM)
		Output x n	W	410 x 1	590 x 1	590 x 1
	Air Flow Rate	CMM	29.82/-/26.08	39.93/-/35.79	50.06/-/44.29	
		l/s	497.00/-/434.67	665.50/-/596.50	834.33/-/738.17	
External Pressure	mmAq	2.54/10.16/25.40	2.54/10.16/25.40	2.54/10.16/25.40		
	Pa	24.91/99.64/249.09	24.91/99.64/249.09	24.91/99.64/249.09		
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	Power Source Wire	mm ²	14 AWG	14 AWG	14 AWG	
	Transmission Cable	mm ²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	42.0/-/	43.0/-/	46.0/-/
	Sound Power	Cooling	dB(A)	-	-	-
Dimensions	Net Weight	kg	57.15	71.21	81.65	
	Shipping Weight	kg	62.14	77.11	87.54	
	Net Dimensions (W×H×D)	mm	533 x 1219 x 533	622 x 1492 x 552	622 x 1492 x 552	
	Shipping Dimensions (W×H×D)	mm	591 x 1308 x 667	673 x 1588 x 692	673 x 1588 x 692	
Panel Size	Panel model	-	-	-	-	
	Panel Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	
Additional Accessories	Drain pump	Max. lifting Height / Displacement	mm / liter/h	-	-	-
		Air Filter	-	-	-	-

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PAC					
Model Code		Standard	AM140JNPDKH/TK	AM096HNPDC/AZ	
Power Supply		Φ, #, V, Hz	1,2,220-240,50/60	1,2,208-230,60	
Mode		-	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	14.00	28.13
		Btu/h	47,800	96,000	
	Heating	kW	16.00	31.65	
		Btu/h	54,600	108,000	
Power	Power Input (Nominal)	Cooling	W	190.00	950.00
		Heating	W	190.00	950.00
	Current Input (Nominal)	Cooling	A	0.90	4.50
		Heating	A	0.90	4.50
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output x n	W	154 x 1	700 x 1
	Air Flow Rate	CMM	35.00/30.50/27.50	6790/58.20/48.50	
		l/s	583.33/508.33/458.33	1,131.67/970.00/808.33	
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	Power Source Wire	mm ²	2.5	2.5	
	Transmission Cable	mm ²	VCTF 0.75 ~ 1.5	VCTF 0.75 ~ 1.5	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	54.0/-/47.0	63.0/-/
	Sound Power	Cooling	dB(A)	-	-
Dimensions	Net Weight	kg	48.00	115.00	
	Shipping Weight	kg	55.00	130.00	
	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	Drain pump	Max. lifting Height / Displacement	mm / liter/h	-	-
		Air Filter	-	-	-

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Optional Accessories



Optional Accessories





Hydro Unit (HE)

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

HYDRO UNIT (HE)						
Model Code	Standard	AM160FNDEH/EU	AM320FNDEH/EU	AM500FNDEH/EU		
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	14.00	28.00	44.80	
		Heating	47,800	95,500	152,900	
	Power Input (Nominal)	Cooling	16.00	31.50	50.40	
		Heating	54,600	107,500	172,000	
Power	Current Input (Nominal)	Cooling	0.05	0.05	0.05	
		Heating	0.05	0.05	0.05	
	Motor	Type	-	-	-	
		Output x n	W	-	-	
Fan	Air Flow Rate	H/M/L (UL)	CMM	-	-	
		l/s	-	-	-	
	External Pressure	Min / Std / Max	mmAq	-	-	
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	Power Source Wire	mm ²	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type	-	R410A	R410A		
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	27.0/-/-	28.0/-/-	31.0/-/-
	Sound Power	Cooling	dB(A)	-	-	-
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	Drain pump	Drain pump	- / Model name	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	
	Air Filter	-	-	-		

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Optional Accessories



ERV Plus

- CO2 Sensor (Optional)
- Slim Design
- Virus Doctor (Optional)

ERV PLUS					
Model Code	Standard	AM050FNKDEH/EU	AM100FNKDEH/EU		
Power Supply	Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60		
Mode	-	HP/HR	HP/HR		
Performance	Capacity (Nominal)	Cooling	3.60	7.10	
		Heating	12,300	24,200	
	Power Input (Nominal)	Cooling	4.00	8.00	
		Heating	13,600	27,300	
Power	Current Input (Nominal)	Cooling	220.00	510.00	
		Heating	220.00	510.00	
	Motor	Type	Sirroco Fan / BLDC	Sirroco Fan / BLDC	
		Output x n	W	70 x 2	
Fan	Air Flow Rate	H/M/L (UL)	CMM	8.33/8.33/6.00	16.67/16.67/11.50
		l/s	138.83/138.83/100.00	277.83/277.83/191.67	
	External Pressure	Min / Std / Max	mmAq	8.70/10.20/16.32	7.60/9.20/15.30
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	12.70	12.70	
		Φ, inch	1/2"	1/2"	
Field Wiring	Power Source Wire	mm ²	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
	Transmission Cable	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	36.0/32.0/28.0	36.0/34.0/31.0
	Sound Power	Cooling	dB(A)	67.0	67.0
Dimensions	Net Weight	kg	61.00	90.00	
	Shipping Weight	kg	75.20	107.50	
	Net Dimensions (W×H×D)	mm	1553 x 270 x 1000	1763 x 340 x 1135	
	Shipping Dimensions (W×H×D)	mm	1847 x 349 x 1300	2027 x 428 x 1424	
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	-	-	-	

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Optional Accessories





ERV

- CO2 Sensor (Optional)
- Slim Design
- Virus Doctor (Optional)

ERV			AN026JSKLN/EU	AN035JSKLN/EU	AN050JSKLN/EU	AN080JSKLN/EU	AN100JSKLN/EU
Model Code	Standard						
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

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Optional Accessories





4Way Cassette

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

DVM CHILLER 4WAY CASSETTE			AG060MN4DKH/EU	AG072MN4DKH/EU	AG090MN4DKH/EU	AG105MN4DKH/EU
Model Code						
Features	Mode		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Power Supply (Indoor Unit)	Φ, #, V, Hz		1,220~240,50 or 60	1,220~240,50 or 60	1,220~240,50 or 60	1,220~240,50 or 60
System	Mode		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity	Cooling	kW	6.00	7.20	9.00	10.00
	Heating	kW	7.30	8.50	10.00	10.70
Power Input (Nominal)	Cooling 1)	W	50.0	73.0	82.0	99.0
	Heating 2)	W	50.0	73.0	82.0	99.0
Current Input (Nominal)	Cooling 1)		0.37	0.50	0.58	0.79
	Heating 2)		0.37	0.50	0.58	0.79
Fan	Type	kW	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor (Output) [W]	kBtu/h	65.0	65.0	65.0	65.0
	Air Flow Rate (High / Mid / Low)	CMM	18.9/16.5/13.6	21.3/18.2/13.6	23.3/21.3/19.4	30.1/26.2/19.4
Water Side Heat Exchanger	Water Flow Rate (Cooling / Heating)		17.5 / 21.1	20.8 / 24.5	26.0 / 28.9	28.9 / 30.9
Piping Connections	Liquid Pipe	Φ, mm	20A	20A	20A	20A
	Liquid Pipe	Φ, inch	PF 3/4	PF 3/4	PF 3/4	PF 3/4
	Gas Pipe	Φ, mm	20A	20A	20A	20A
	Gas Pipe	Φ, inch	PF 3/4	PF 3/4	PF 3/4	PF 3/4
	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		1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Sound	Sound Pressure (High / Mid / Low)	dB(A)	37/33/30	41/35/30	42/38/35	45/40/35
	Sound Power		56	60	58	60
External Dimension (Indoor Unit)	Net Weight(kg)	kg	15.5	15.5	18.0	18.0
	Shipping Weight (kg)	kg	19.0	19.0	19.0	19.0
	Net Dimensions (WxHxD) (mm)	mm	840*204*840	840*204*840	840*246*840	840*246*840
	Shipping Dimensions (WxHxD) (mm)	mm	898*275*898	898*275*898	898*316*898	898*316*898

* Specifications are subject to change without prior notice.

Optional Accessories





360 Cassette

- Cold Draft Free
- Perfect even cooling
- Stylish design

DVM CHILLER 360 CASSETTE			AG060MN4PKH/EU	AG072MN4PKH/EU	AG090MN4PKH/EU	AG105MN4PKH/EU
Model Code						
Features	Mode		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Power Supply (Indoor Unit)	Φ, #, V, Hz		1,220~240,50 or 60	1,220~240,50 or 60	1,220~240,50 or 60	1,220~240,50 or 60
System	Mode		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity	Cooling	kW	6.00	7.20	9.00	10.00
	Heating	kW	7.30	8.50	10.00	10.70
Power Input (Nominal)	Cooling 1)	W	58	58	77	100
	Heating 2)	W	58	58	77	100
Current Input (Nominal)	Cooling 1)		0.5	0.50	0.62	0.79
	Heating 2)		0.5	0.50	0.62	0.79
Fan	Type	kW	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor (Output) [W]	kBtu/h	65.0	97.0	97.0	97.0
	Air Flow Rate (High / Mid / Low)	CMM	21/175/15	25.5/22/19.8	29.5/24/19.8	31.5/22.5/19.8
Water Side Heat Exchanger	Water Flow Rate (Cooling / Heating)		17.5 / 21.1	20.8 / 24.5	26.0 / 28.9	28.9 / 30.9
Piping Connections	Liquid Pipe	Φ, mm	20A	20A	20A	20A
	Liquid Pipe	Φ, inch	PF 3/4	PF 3/4	PF 3/4	PF 3/4
	Gas Pipe	Φ, mm	20A	20A	20A	20A
	Gas Pipe	Φ, inch	PF 3/4	PF 3/4	PF 3/4	PF 3/4
	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		1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Sound	Sound Pressure (High / Mid / Low)	dB(A)	40/37/32	39/35/33	43/38/33	45/39/33
	Sound Power		57	58	60	62
External Dimension (Indoor Unit)	Net Weight(kg)	kg	21.0	25.0	25.0	25.0
	Shipping Weight (kg)	kg	25.5	29.5	29.5	29.5
	Net Dimensions (WxHxD) (mm)	mm	947*281*947	947*365*947	947*365*947	947*365*947
	Shipping Dimensions (WxHxD) (mm)	mm	990*330*990	990*414*990	990*414*990	990*414*990








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Optional Accessories

















CAC LINE UP & FEATURE



360 CASSETTE					
MODEL					
		360 CASSETTE			360 CASSETTE AHRI
CAPACITY	KBtu/h	Central America	Brazil	Columbia	Central America
	18				●
	24	●	●	●	●
	30				●
	36	●	●	●	●
	42				●
	48	●	●	●	●
54				●	
FEATURES	 Powerful Airflow	●	●	●	●
	 Ceiling Dust Prevention	●	●	●	●
	 Fresh Air Intake	●	●	●	●
	 High Lift-up Drain Pump	●	●	●	●
	 Sub Duct	●	●	●	●

4WAY CASSETTE						
MODEL						
		4WAY CASSETTE			WIND-FREE 4WAY CASSETTE AHRI	4WAY CASSETTE AHRI
CAPACITY	KBtu/h	Central America	Brazil	Columbia	Central America	
	9					
	12					
	18	●	●		●	●
	24	●	●	●	●	●
	30					
	36	●	●	●	●	●
	42	●	●	●	●	●
48	●	●	●	●	●	
54	●	●	●	●	●	
FEATURES	 Powerful Airflow	●	●	●	●	●
	 Ceiling Dust Prevention	●	●	●	●	●
	 Fresh Air Intake	●	●	●	●	●
	 High Lift-up Drain Pump	●	●	●	●	●
	 Sub Duct	●	●	●	●	●

CEILING				
MODEL				
		CEILING		CEILING CO
CAPACITY	KBtu/h	Central America	Columbia	Brazil
	36	●		●
	48	●	●	●
	54	●		
	60			●

DUCT		
MODEL		
CAPACITY	KBtu/h	DUCTS
	18	●
	24	●
	36	●
	48	●
	54	●
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)	●	



360 Cassette (Brazil)

- Cold Draft Free
- Perfect even cooling
- Stylish design
- Universal Outdoor
- Simultaneous On/off Function

360 CASSETTE					
Country		Brazil			
Model Code		Indoor Unit	AC024MN4PKH/AZ	AC036MN4PKH/AZ	AC048MN4PKH/AZ
		Outdoor Unit	AC024MXADKH/AZ	AC036MXADKH/AZ	AC048MXADKH/AZ
Mode		HEAT PUMP			
Capacity	Cooling (Min / Std / Max)	kW			
	Heating (Min / Std / Max)	Btu/h			
Power	Power Input (Nominal)	kW			
	Current Input (Nominal)	A			
System	Energy Efficiency	Energy Grade (C)			
	Energy Grade	Energy Grade (H)			
Piping Connections	Liquid Pipe	Φ, mm			
	Gas Pipe	Φ, mm			
Field Wiring	Power Source Wire	Type			
	Transmission Cable	Type			
Refrigerant	Control Method	Factory Charging			
	Factory Charging	kg			
Power Supply	Type	Φ, #, V, Hz			
	Motor Output	W			
Fan	Air Flow Rate	High / Mid / Low			
	External Static Pressure	Min / Std / Max			
Drain	Drain Pipe	Φ, mm			
	Sound Power	High / Mid / Low			
Indoor Unit	Net Weight	kg			
	Shipping Weight	kg			
External Dimension	Net Dimensions (WxHxD)	mm			
	Shipping Dimensions (WxHxD)	mm			
Panel Size	Net Dimensions (WxHxD)	mm			
	Shipping Dimensions (WxHxD)	mm			
Additional Accessories	Drain pump	mm/liter/h			
	Air Filter	-			
Power Supply	Type	Φ, #, V, Hz			
	Model	-			
Compressor	Output	kW			
	Oil	cc			
Fan	Air Flow Rate	Cooling			
	Sound Power	Cooling / Heating			
Sound	Net Weight	kg			
	Shipping Weight	kg			
External Dimension	Net Dimensions (WxHxD)	mm			
	Shipping Dimensions (WxHxD)	mm			
Operating Temp. Range	Cooling	°C			
	Heating	°C			

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* These products contain R410A which is fluorinated greenhouse gas.



4Way Cassette S (Brazil)

- Virus Doctor (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling
- Universal Outdoor
- Simultaneous On/off Function

4WAY CASSETTE						
Country		Brazil				
Model Code		Indoor Unit	AC018MN4DKH/AZ	AC024MN4DKH/AZ	AC036MN4DKH/AZ	AC048MN4DKH/AZ
		Outdoor Unit	AC018MXADKH/AZ	AC024MXADKH/AZ	AC036MXADKH/AZ	AC048MXADKH/AZ
Mode		HEAT PUMP				
Capacity	Cooling (Min / Std / Max)	kW				
	Heating (Min / Std / Max)	Btu/h				
Power	Power Input (Nominal)	kW				
	Current Input (Nominal)	A				
System	Energy Efficiency	Energy Grade (C)				
	Energy Grade	Energy Grade (H)				
Piping Connections	Liquid Pipe	Φ, mm				
	Gas Pipe	Φ, mm				
Field Wiring	Power Source Wire	Type				
	Transmission Cable	Type				
Refrigerant	Control Method	Factory Charging				
	Factory Charging	kg				
Power Supply	Type	Φ, #, V, Hz				
	Motor Output	W				
Fan	Air Flow Rate	High / Mid / Low				
	External Static Pressure	Min / Std / Max				
Drain	Drain Pipe	Φ, mm				
	Sound Power	High / Mid / Low				
Indoor Unit	Net Weight	kg				
	Shipping Weight	kg				
External Dimension	Net Dimensions (WxHxD)	mm				
	Shipping Dimensions (WxHxD)	mm				
Panel Size	Net Dimensions (WxHxD)	mm				
	Shipping Dimensions (WxHxD)	mm				
Additional Accessories	Drain pump	mm/liter/h				
	Air Filter	-				
Power Supply	Type	Φ, #, V, Hz				
	Model	-				
Compressor	Output	kW				
	Oil	cc				
Fan	Air Flow Rate	Cooling				
	Sound Power	Cooling / Heating				
Sound	Net Weight	kg				
	Shipping Weight	kg				
External Dimension	Net Dimensions (WxHxD)	mm				
	Shipping Dimensions (WxHxD)	mm				
Operating Temp. Range	Cooling	°C				
	Heating	°C				

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Optional Accessories



Optional Accessories





Ceiling CO (Brazil)

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



Ceiling (Columbia)

- Powerful Cooling
- Long wind distance
- Virus Doctor (Option)
- Easy to maintain
- Universal Outdoor
- Simultaneous On/off Function

CEILING						
Country						
Country		Brazil				
Model Code		Indoor Unit	AC036JNCDKC/VN	AC048JNCDKC/VN	AC060JNCDKC/VN	
		Outdoor Unit	AC036JXADKC/VN	AC048JXADKC/VN	AC060JXADKC/VN	
Mode	COOLING ONLY					
	HEAT PUMP					
Capacity	Cooling (Min / Std / Max)	kW	2.73/10.26/11.14	2.26/13.48/14.65	3.81/15.83/17.29	
		Btu/h	9,300/35,000/38,000	7,700/46,000/50,000	13,000/54,000/59,000	
Heating (Min / Std / Max)	kW	-	-	-	-	
	Btu/h	-	-	-	-	
Power	Power Input (Nominal)	Cooling (Min / Std / Max)	0.65/3.38/4.70	0.85/4.45/4.80	1.00/5.22/6.70	
	Current Input (Nominal)	Heating (Min / Std / Max)	4.00/16.00/21.50	5.00/20.50/26.00	5.00/24.00/31.00	
	MCA	A	26.70 (MCA)	28.70 (MCA)	36.70 (MCA)	
	MFA	A	30.00	31.70	40.50	
System	EER (Nominal Cooling)		3.04	3.03	3.03	
	COP (Nominal Heating)		-	-	-	
	Energy Efficiency	Energy Grade (C)	SEER 18	SEER 16	SEER 18	
		Energy Grade (H)	-	-	-	
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 Limitation	Max. Length (Outdoor to indoor)	50	50	75	
		Max. Height (Between ID/OD)	30.0	30.0	30.0	
Refrigerant	Power Source Wire		0.75 - 1.25	0.75 - 1.25	0.75 - 1.25	
	Transmission Cable	Type	R410A	R410A	R410A	
Power Supply	Control Method		-	-	-	
	Factory Charging	kg	1.50	1.90	2.50	
Fan	Type	Φ, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	
	Motor	Output	W	153.00	244.00	244.00
	Number of Unit	EA	1.00	1.00	1.00	
	Air Flow Rate	High / Mid / Low	CMM	26.00/23.00/19.00	34.00/27.00/23.00	37.00/31.00/26.00
External Static Pressure		l/s	433.33/383.33/316.67	566.67/450.00/383.33	616.67/516.67/433.33	
		mmAq	-	-	-	
Indoor Unit	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
	Sound Pressure	High / Mid / Low	48.0 / 44.0 / 40.0	46.0 / 42.0 / 38.0	51.0 / 47.0 / 43.0	
	Sound Power	Cooling	dB(A)	-	-	
	Net Weight	kg	33.00	42.00	42.00	
External Dimension	Shipping Weight	kg	39.00	48.00	48.00	
	Net Dimensions (WxHxD)	mm	1350 x 235 x 675	1650 x 235 x 675	1650 x 235 x 675	
Panel Size	Shipping Dimensions (WxHxD)	mm	1439 x 321 x 758	1739 x 321 x 758	1739 x 321 x 758	
	Panel model		-	-	-	
Additional Accessories	Panel Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
Power Supply	Net Dimensions (WxHxD)	mm	-	-	-	
	Shipping Dimensions (WxHxD)	mm	-	-	-	
Compressor	Drain pump	Drain pump	-	-	-	
	Max. Lifting Height / Displacement	mm/liter/h	-	-	-	
Outdoor Unit	Air Filter		-	-	-	
	Type	Φ, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	
Fan	Model		Twin BLDC Rotary UG8T500FUBJUSG	Twin BLDC Rotary UG5T450FUEJX	Twin BLDC Rotary UG5T450FAXJX	
	Output	kW	2.82	4.12	4.01	
Sound	Oil	Type	PVE	PVE	PVE	
	Initial Charge	cc	-	-	-	
External Dimension	Air Flow Rate	Cooling	CMM	50.00	100.00	
	Sound Pressure	Cooling / Heating	dB(A)	833.33	1,666.67	
Operating Temp. Range	Sound Power	Cooling	dB(A)	52.0	54.0	
		Heating	dB(A)	-	-	
Additional Accessories	Net Weight	kg	62.00	82.00	90.00	
	Shipping Weight	kg	66.00	92.00	100.00	
Power Supply	Net Dimensions (WxHxD)	mm	880 x 967 x 320	932 x 1162 x 375	940 x 1420 x 330	
	Shipping Dimensions (WxHxD)	mm	1047 x 1045 x 415	1095 x 1286 x 476	995 x 1598 x 426	
Compressor	Cooling	°C	-15~50	-15~50	-15~50	
	Heating	°C	-	-	-	

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CEILING				
Country				
Country		Columbia		
Model Code		Indoor Unit	AC036MNC DKH/CB	AC048MNC DKH/CB
		Outdoor Unit	AC036MXADKH/CB	AC048MXADKH/CB
Mode	HEAT PUMP			
	COOLING ONLY			
Capacity	Cooling (Min / Std / Max)	kW	2.99/9.99/11.99	4.30/12.89/17.30
		Btu/h	10,200/34,100/40,900	14,700/44,000/59,000
Heating (Min / Std / Max)	kW	-	-	-
	Btu/h	-	-	-
Power	Power Input (Nominal)	Cooling (Min / Std / Max)	0.60/3.40/4.70	0.95/3.73/6.80
	Current Input (Nominal)	Heating (Min / Std / Max)	0.46/3.20/5.40	0.95/4.45/7.35
	MCA	A	1.50/5.30/7.10	4.00/16.60/30.00
	MFA	A	1.20/4.90/8.40	4.00/19.60/32.00
System	EER (Nominal Cooling)		2.94	3.46
	COP (Nominal Heating)		3.50	3.48
	Energy Efficiency	Energy Grade (C)	SEER 5.8 (A+)	-
		Energy Grade (H)	SCOP 4.0 (A+)	-
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52
		Φ, inch	3/8"	3/8"
	Gas Pipe	Φ, mm	15.88	19.05
		Φ, inch	5/8"	3/4"
Field Wiring	Installation Limitation	Max. Length (Outdoor to indoor)	50	30.0
		Max. Height (Between ID/OD)	30.0	30.0
Refrigerant	Power Source Wire		1.5	1.5
	Transmission Cable	Type	0.75 - 1.5	0.75 - 1.5
Power Supply	Control Method		-	-
	Factory Charging	kg	3.00	3.80
Fan	Type	Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,60
	Motor	Output	W	400.00
	Number of Unit	EA	1.00	1.00
	Air Flow Rate	High / Mid / Low	CMM	26.00/23.00/19.00
External Static Pressure		l/s	433.33/383.33/316.67	616.67/516.67/433.33
		mmAq	-	-
Indoor Unit	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure	High / Mid / Low	42.0 / 38.0 / 34.0	50.0 / 47.0 / 43.0
	Sound Power	Cooling	dB(A)	60.0
	Net Weight	kg	41.40	42.50
External Dimension	Shipping Weight	kg	48.00	48.00
	Net Dimensions (WxHxD)	mm	1650 x 675 x 235	1650 x 235 x 675
Panel Size	Shipping Dimensions (WxHxD)	mm	1739 x 758 x 321	1739 x 321 x 758
	Panel model		-	-
Additional Accessories	Panel Net Weight	kg	-	-
	Shipping Weight	kg	-	-
Power Supply	Net Dimensions (WxHxD)	mm	-	-
	Shipping Dimensions (WxHxD)	mm	-	-
Compressor	Drain pump	Drain pump	-	-
	Max. Lifting Height / Displacement	mm/liter/h	-	-
Outdoor Unit	Air Filter		-	-
	Type	Φ, #, V, Hz	3,4,380-415,50	1,2,220-240,60
Fan	Model		Twin BLDC Rotary UG8T300FUCIU	Twin BLDC Rotary UG5T450FJX
	Output	kW	2.82	4.12
Sound	Oil	Type	POE	PVE
	Initial Charge	cc	-	-
External Dimension	Air Flow Rate	Cooling	CMM	78.00
	Sound Pressure	Cooling / Heating	dB(A)	1,300.00
Operating Temp. Range	Sound Power	Cooling	dB(A)	52.0 / 54.0
		Heating	dB(A)	69.0
Additional Accessories	Net Weight	kg	72.00	98.00
	Shipping Weight	kg	77.00	108.00
Power Supply	Net Dimensions (WxHxD)	mm	940 x 998 x 330	940 x 1420 x 330
	Shipping Dimensions (WxHxD)	mm	995 x 1098 x 426	995 x 1598 x 426
Compressor	Cooling	°C	-15~50	-15~50
	Heating	°C	-20~24	-20~24

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Optional Accessories



Optional Accessories





360 Cassette (Columbia)

- Cold Draft Free
- Perfect even cooling
- Stylish design
- Universal Outdoor
- Simultaneous On/off Function



4Way Cassette S (Columbia)

- Virus Doctor (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling
- Universal Outdoor
- Simultaneous On/off Function

360 CASSETTE					
Country		Columbia			
Model Code		Indoor Unit	AC024MN4PKH/CB	AC036MN4PKH/CB	AC048MN4PKH/CB
		Outdoor Unit	AC024MXADKH/CB	AC036MXADKH/CB	AC048MXADKH/CB
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP
	Cooling (Min / Std / Max)	kW	2.20/7.03/8.35	2.99/9.96/11.99	3.51/12.30/16.41
Capacity		Btu/h	7,500/24,000/28,500	10,200/34,000/40,900	12,000/42,000/56,000
	Heating (Min / Std / Max)	kW	1.90/7.91/9.38	2.20/11.14/15.50	3.51/15.50/18.75
Power		Btu/h	6,500/27,000/32,000	7,500/38,000/52,900	12,000/52,900/64,000
	Power Input (Nominal)	kW	0.35/2.47/3.45	0.60/3.38/4.70	0.90/3.56/6.70
Energy Efficiency		A	2.00/11.20/15.00	3.00/15.10/20.40	3.70/15.80/30.00
	EER (Nominal Cooling)	A	2.00/10.90/15.50	2.50/14.60/23.00	3.70/20.90/32.00
System		MCA	21.50 (MCA)	25.50 (MCA)	33.50 (MCA)
	MFA	A	25.00	30.00	40.00
Piping Connections		Energy Grade (C)	2.85	2.95	3.46
	Energy Grade (H)	C	3.30	2.06	3.24
Field Wiring		Energy Grade (H)	-	-	-
	Liquid Pipe	Φ, mm	6.35	9.52	9.52
Refrigerant		Φ, inch	1/4"	3/8"	3/8"
	Gas Pipe	Φ, mm	15.88	15.88	19.05
Power Supply		Φ, inch	5/8"	5/8"	3/4"
	Installation Limitation	Max. Length (Outdoor to indoor)	50	50	75
Fan		Max. Height (Between ID/OD)	30.0	30.0	30.0
	Air Flow Rate	High / Mid / Low	1.5	1.5	1.5
External Dimension		Transmission Cable	0.75	0.75	0.75
	Net Weight	kg	2.00	3.00	3.80
Panel Size		Factory Charging	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60
	Shipping Weight	kg	65.00	97.00	97.00
Operating Temp. Range		Number of Unit	1.00	1.00	1.00
	Cooling	°C	17.50/15.90/14.30	31.20/25.50/19.80	32.40/27.10/22.80
Outdoor Unit		Air Flow Rate	291.67/265.00/238.33	520.00/425.00/330.00	540.00/451.67/380.00
	Heating	°C	-15~-50	-15~-50	-15~-50

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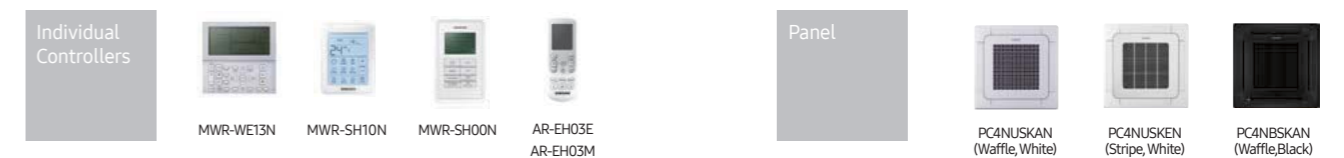
4WAY CASSETTE					
Country		Columbia			
Model Code		Indoor Unit	AC024MN4DKH/CB	AC036MN4DKH/CB	AC048MN4DKH/CB
		Outdoor Unit	AC024MXADKH/CB	AC036MXADKH/CB	AC048MXADKH/CB
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP
	Cooling (Min / Std / Max)	kW	2.20/7.03/8.35	2.99/9.96/11.99	3.51/12.30/16.41
Capacity		Btu/h	7,500/24,000/28,500	10,200/34,000/40,900	12,000/42,000/56,000
	Heating (Min / Std / Max)	kW	1.90/7.91/9.38	2.20/11.14/15.50	3.51/15.50/18.75
Power		Btu/h	6,500/27,000/32,000	7,500/38,000/52,900	12,000/52,900/64,000
	Power Input (Nominal)	kW	0.35/2.36/3.45	0.60/3.10/4.70	0.90/3.56/6.70
Energy Efficiency		A	2.00/10.30/15.00	3.00/13.60/20.40	3.70/15.80/30.00
	EER (Nominal Cooling)	A	2.00/10.40/15.50	2.50/13.60/23.00	3.70/20.90/32.00
System		MCA	21.00 (MCA)	25.00 (MCA)	33.00 (MCA)
	MFA	A	25.00	30.00	40.00
Piping Connections		Energy Grade (C)	2.98	3.21	3.46
	Energy Grade (H)	C	3.37	3.62	3.24
Field Wiring		Energy Grade (H)	-	-	-
	Liquid Pipe	Φ, mm	6.35	9.52	9.52
Refrigerant		Φ, inch	1/4"	3/8"	3/8"
	Gas Pipe	Φ, mm	15.88	15.88	19.05
Power Supply		Φ, inch	5/8"	5/8"	3/4"
	Installation Limitation	Max. Length (Outdoor to indoor)	50	50	75
Fan		Max. Height (Between ID/OD)	30.0	30.0	30.0
	Air Flow Rate	High / Mid / Low	1.5	1.5	1.5
External Dimension		Transmission Cable	0.75 - 1.5	0.75	0.75 - 1.5
	Net Weight	kg	2.00	3.00	3.80
Panel Size		Factory Charging	1,2,220-240,60	1,2,220-240,60	1,2,220-240,60
	Shipping Weight	kg	65.00	97.00	97.00
Operating Temp. Range		Number of Unit	1.00	1.00	1.00
	Cooling	°C	19.50/16.50/14.50	31.00/25.00/19.00	33.10/27.50/22.00
Outdoor Unit		Air Flow Rate	325.00/275.00/241.67	516.67/416.67/316.67	551.67/458.33/366.67
	Heating	°C	-15~-50	-15~-50	-15~-50

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Optional Accessories



Optional Accessories





360 Cassette (Central America)

- Cold Draft Free
- Perfect even cooling
- Stylish design
- Universal Outdoor
- Simultaneous On/off Function

360 CASSETTE			Central America				
Country			Central America				
Model Code			Indoor Unit	AC024MN4PKH/VN	AC036MN4PKH/VN	AC048MN4PKH/VN	
			Outdoor Unit	AC024MXADKH/VN	AC036MXADKH/VN	AC048MXADKH/VN	
System	Mode		-	HEAT PUMP	HEAT PUMP	HEAT PUMP	
	Capacity	Cooling (Min / Std / Max)	kW	2.20/7.03/8.35	2.99/9.96/11.99	3.49/13.48/15.50	
		Btu/h	7,500/24,000/28,500	10,200/34,000/40,900	11,900/46,000/52,900		
	Heating (Min / Std / Max)	kW	1.90/7.91/9.38	2.20/11.14/15.50	3.49/15.53/17.99		
		Btu/h	6,500/27,000/32,000	7,500/38,000/52,900	11,900/53,000/61,400		
	Power	Power Input (Nominal)	Cooling (Min / Std / Max)	kW	0.35/2.40/3.50	0.46/5.40/5.40	0.70/4.55/7.36
		Current Input (Nominal)	Cooling (Min / Std / Max)	A	2.00/11.20/15.00	3.00/15.10/20.40	3.70/20.00/28.00
		Current Input (Nominal)	Heating (Min / Std / Max)	A	2.00/10.90/15.50	2.50/14.60/23.00	3.50/19.50/32.00
		MCA	A	21.50 (MCA)	25.50 (MCA)	33.50 (MCA)	
	Energy Efficiency	EER (Nominal Cooling)	-	2.85	2.95	3.02	
		COP (Nominal Heating)	-	3.30	2.06	3.41	
		Energy Grade	Energy Grade (C)	SEER 19.0	SEER 18.5	SEER 18.0	
		Energy Grade (H)	-	-	-	-	
	Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	9.52	
		Φ, inch	1/4"	3/8"	3/8"		
Gas Pipe		Φ, mm	15.88	15.88	15.88		
Φ, inch		5/8"	5/8"	5/8"			
Installation Limitation		Max. Length (Outdoor to indoor)	m	30.0	30.0	30.0	
Field Wiring	Power Source Wire	-	1.5	-	-		
	Transmission Cable	-	0.75	0.75	0.75		
Refrigerant	Type	-	R410A	R410A	R410A		
	Control Method	-	-	-	-		
Power Supply	Factory Charging	-	2.00	3.00	3.40		
	Φ, #, V, Hz	-	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50		
Fan	Type	-	Turbo Fan/BLDC	Turbo Fan	Turbo Fan		
	Motor Output	W	65.00	97.00	97.00		
	Number of Unit	EA	1.00	1.00	1.00		
	Air Flow Rate	High / Mid / Low	CMM	1750/15.90/14.30	31.20/25.50/19.80	32.40/27.10/22.80	
External Static Pressure	Min / Std / Max	mmAq	291.67/265.00/238.33	520.00/425.00/330.00	540.00/451.67/380.00		
	-	-	-	-	-		
Indoor Unit	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
	Sound Pressure	High / Mid / Low	dB(A)	36.0 / 33.0 / 29.0	44.0 / 39.0 / 33.0	45.0 / 41.0 / 37.0	
	Sound Power	-	-	-	-		
	Cooling	dB(A)	20.20	23.50	25.50		
External Dimension	Net Weight	kg	24.00	28.30	30.30		
	Shipping Weight	kg	947 x 281 x 947	947 x 365 x 947	947 x 365 x 947		
	Net Dimensions (WxHxD)	mm	990 x 330 x 990	990 x 414 x 990	990 x 414 x 990		
	Shipping Dimensions (WxHxD)	mm	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN		
Panel Size	Panel Net Weight	kg	2.70	2.70	2.70		
	Shipping Weight	kg	5.10	5.10	5.10		
	Net Dimensions (WxHxD)	mm	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		
Additional Accessories	Drain pump	Drain pump	-	-	-		
	Max. Lifting Height / Displacement	mm/liter/h	-	-	-		
Power Supply	Air Filter	-	-	-	-		
	Φ, #, V, Hz	-	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50		
Compressor	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary		
	Model	-	UG4T200FUA4	UG8T300FUBJU	UG5TK1450FJX		
	Output	kW	1.79	2.82	4.19		
	Oil	Type	POE	POE	POE		
Outdoor Unit	Initial Charge	cc	-	-	-		
	Fan	Air Flow Rate	Cooling	CMM	51.00	78.00	111.00
	Sound Pressure	Cooling / Heating	dB(A)	49.0 / 51.0	52.0 / 54.0	53.0 / 54.0	
	Sound Power	Cooling	dB(A)	-	69.0	69.0	
External Dimension	Net Weight	kg	54.00	72.00	87.00		
	Shipping Weight	kg	58.00	77.00	97.00		
	Net Dimensions (WxHxD)	mm	880 x 798 x 310	940 x 998 x 330	940 x 1210 x 330		
	Shipping Dimensions (WxHxD)	mm	1023 x 911 x 413	995 x 1098 x 426	995 x 1388 x 426		
Operating Temp. Range	Cooling	°C	-15~50	-15~50	-15~50		
	Heating	°C	-20~24	-20~24	-20~24		

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Optional Accessories



Ceiling (Central America)

- Powerful Cooling
- Long wind distance
- Virus Doctor (Option)
- Easy to maintain
- Universal Outdoor
- Simultaneous On/off Function

CEILING			Central America				
Country			Central America				
Model Code			Indoor Unit	AC036MNCDKH/VN	AC048MNCDKH/VN	AC054MNCDKH/VN	
			Outdoor Unit	AC036MXADKH/VN	AC048MXADKH/VN	AC054MXADKH/VN	
System	Mode		-	HEAT PUMP	HEAT PUMP	HEAT PUMP	
	Capacity	Cooling (Min / Std / Max)	kW	3.00/10.00/12.00	3.49/13.39/15.50	4.31/15.30/17.58	
		Btu/h	10,200/34,100/40,900	11,900/45,700/52,900	14,700/52,200/60,000		
	Heating (Min / Std / Max)	kW	2.20/11.20/15.50	3.49/15.50/17.99	4.70/17.30/20.80		
		Btu/h	7,500/38,000/52,900	11,900/52,900/61,400	16,000/59,000/71,000		
	Power	Power Input (Nominal)	Cooling (Min / Std / Max)	kW	0.60/3.40/4.70	0.80/4.45/6.44	0.95/5.46/7.00
		Current Input (Nominal)	Cooling (Min / Std / Max)	A	2.60/15.50/21.50	3.70/20.00/28.00	4.00/24.00/31.00
		Current Input (Nominal)	Heating (Min / Std / Max)	A	1.50/5.30/7.10	3.50/9.50/12.00	4.00/22.90/32.00
		MCA	A	18.10 (MCA)	34.00 (MCA)	34.00 (MCA)	
	Energy Efficiency	EER (Nominal Cooling)	-	2.94	3.01	2.80	
		COP (Nominal Heating)	-	3.50	3.41	3.20	
		Energy Grade	Energy Grade (C)	SEER 18.0	SEER 18.0	SEER 17.5	
		Energy Grade (H)	-	-	-	-	
	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"			
Installation Limitation		Max. Length (Outdoor to indoor)	m	30.0	30.0	30.0	
Field Wiring	Power Source Wire	-	1.5	-	-		
	Transmission Cable	-	0.75 - 1.5	0.75	0.75 - 1.5		
Refrigerant	Type	-	R410A	R410A	R410A		
	Control Method	-	-	-	-		
Power Supply	Factory Charging	-	3.00	3.40	3.80		
	Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50/60	1,2,220-240,50/60		
Fan	Type	-	Sirocco	Sirocco	Sirocco Fan/BLDC		
	Motor Output	W	40.00	244.00	244.00		
	Number of Unit	EA	1.00	1.00	1.00		
	Air Flow Rate	High / Mid / Low	CMM	26.00/23.00/19.00	34.00/23.00/23.00	37.00/31.00/26.00	
External Static Pressure	Min / Std / Max	mmAq	433.33/383.33/316.67	566.67/450.00/383.33	616.67/516.67/433.33		
	-	-	-	-	-		
Indoor Unit	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
	Sound Pressure	High / Mid / Low	dB(A)	42.0 / 38.0 / 34.0	46.0 / 42.0 / 38.0	50.0 / 47.0 / 43.0	
	Sound Power	-	-	-	-		
	Cooling	dB(A)	60.0	60.0	60.0		
External Dimension	Net Weight	kg	41.40	41.40	42.50		
	Shipping Weight	kg	48.00	48.00	48.00		
	Net Dimensions (WxHxD)	mm	1650 x 675 x 235	1650 x 675 x 235	1650 x 675 x 235		
	Shipping Dimensions (WxHxD)	mm	1739 x 758 x 321	1739 x 758 x 321	1739 x 758 x 321		
Panel Size	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	-	-	-		
Power Supply	Air Filter	-	-	-	-		
	Φ, #, V, Hz	-	3, 4, 380-415, 50	1,2,220-240,50/60	1,2,220-240,50/60		
Compressor	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary		
	Model	-	UG8T300FUCIU	UG5TK1450FJX	UG5TK1450FJX		
	Output	kW	2.82	4.19	4.12		
	Oil	Type	POE	POE	PVE		
Outdoor Unit	Initial Charge	cc	-	-	-		
	Fan	Air Flow Rate	Cooling	CMM	78.00	111.00	112.00
	Sound Pressure	Cooling / Heating	dB(A)	52.0 / 54.0	53.0 / 54.0	56.0 / 56.0	
	Sound Power	Cooling	dB(A)	69.0	69.0	69.0	
External Dimension	Net Weight	kg	72.00	87.00	98.00		
	Shipping Weight	kg	77.00	97.00	108.00		
	Net Dimensions (WxHxD)	mm	940 x 998 x 330	940 x 1210 x 330	940 x 1420 x 330		
	Shipping Dimensions (WxHxD)	mm	995 x 1098 x 426	995 x 1388 x 426	995 x 1598 x 426		
Operating Temp. Range	Cooling	°C	-15~50	-15~50	-15~50		
	Heating	°C	-20~24	-20~24	-15~24		

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Optional Accessories





4Way Cassette S (Central America)

- Virus Doctor (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling
- Universal Outdoor
- Simultaneous On/off Function

4WAY CASSETTE		Central America				Central America						
Country	Indoor Unit	AC018MN4DKH/VN	AC024MN4DKH/VN	AC036MN4DKH/VN	AC048MN4DKH/VN	AC054MN4DKH/VN	AC018MXADKH/VN	AC024MXADKH/VN	AC036MXADKH/VN	AC048MXADKH/VN	AC054MXADKH/VN	
Model Code	Outdoor Unit	AC018MN4DKH/VN	AC024MN4DKH/VN	AC036MN4DKH/VN	AC048MN4DKH/VN	AC054MN4DKH/VN	AC018MXADKH/VN	AC024MXADKH/VN	AC036MXADKH/VN	AC048MXADKH/VN	AC054MXADKH/VN	
Mode		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP		
Capacity	Cooling (Min / Std / Max)	110/5.28/6.00	2.20/7.03/8.35	2.99/9.96/11.99	3.49/13.48/15.50	3.52/14.65/17.29	3,800/18,000/20,500	7,500/24,000/28,500	10,200/34,000/40,900	11,900/46,000/52,900	12,000/50,000/59,000	
	Heating (Min / Std / Max)	1.06/5.86/7.20	1.90/7.91/9.38	2.20/11.14/15.50	2.20/11.14/15.50	3.52/17.30/19.92	kW	3,600/20,000/24,600	6,500/27,000/32,000	7,500/38,000/52,900	11,900/53,000/61,400	12,000/59,000/68,000
Power	Power Input (Nominal)	0.34/1.48/2.10	0.35/2.36/3.45	0.60/3.10/4.70	0.80/4.47/6.44	0.90/5.63/6.80	0.26/1.52/2.20	0.35/2.35/3.50	0.46/3.08/5.40	0.70/4.55/7.36	0.90/5.76/7.35	
	Current Input (Nominal)	1.80/7.20/9.50	2.00/10.30/15.00	3.00/13.60/20.40	3.70/20.00/28.00	3.70/24.50/30.00	A	1.70/6.90/10.00	2.00/10.40/15.50	2.50/13.60/23.00	3.70/24.70/32.00	
	MCA	21.00 (MCA)	21.00 (MCA)	25.00 (MCA)	33.00 (MCA)	33.00 (MCA)	A	25.00	30.00	40.00	40.00	
	MFA	25.00	25.00	30.00	40.00	40.00	EER (Nominal Cooling)	3.57	2.98	3.21	3.02	2.60
System	Energy Efficiency	COP (Nominal Heating)	3.86	3.37	3.62	3.41	COP (Nominal Heating)	3.86	3.37	3.62	3.41	
	Energy Grade	Energy Grade (C)	SEER 20.0	SEER 19.0	SEER 18.5	SEER 18.0	SEER 20.0	SEER 19.0	SEER 18.5	SEER 18.0	SEER 17.5	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	9.52	9.52	Φ, mm	6.35	6.35	9.52	9.52	
	Gas Pipe	Φ, mm	12.70	15.88	15.88	15.88	Φ, mm	12.70	15.88	15.88	15.88	
	Installation Limitation	Max. Length (Outdoor to indoor)	30	50	50	75	Max. Length (Outdoor to indoor)	30	50	50	75	
	Field Wiring	Transmission Cable	0.75 - 1.5	0.75 - 1.5	0.75	0.75	Transmission Cable	0.75 - 1.5	0.75 - 1.5	0.75	0.75	
	Refrigerant	Type	R410A	R410A	R410A	R410A	Type	R410A	R410A	R410A	R410A	
	Control Method	Factory Charging	1.50	2.00	3.00	3.40	Control Method	1.50	2.00	3.00	3.40	
	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	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	
	Fan	Motor Output	65.00	65.00	97.00	97.00	Motor Output	65.00	65.00	97.00	97.00	
	Air Flow Rate	High / Mid / Low	15.00/14.00/13.00	19.50/16.50/14.50	31.00/25.00/19.00	32.00/27.00/22.00	33.10/27.00/22.00	15.00/14.00/13.00	19.50/16.50/14.50	31.00/25.00/19.00	32.00/27.00/22.00	
	External Static Pressure	Min / Std / Max	250.00/233.33/216.67	325.00/275.00/241.67	516.67/416.67/316.67	533.33/450.00/366.67	551.67/458.33/366.67	250.00/233.33/216.67	325.00/275.00/241.67	516.67/416.67/316.67	533.33/450.00/366.67	
Indoor Unit	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)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
	Sound	Sound Pressure	33.0 / 31.0 / 29.0	36.0 / 33.0 / 29.0	44.0 / 39.0 / 33.0	45.0 / 41.0 / 37.0	45.0 / 41.0 / 37.0	33.0 / 31.0 / 29.0	36.0 / 33.0 / 29.0	44.0 / 39.0 / 33.0	45.0 / 41.0 / 37.0	
	Net Weight	14.50	14.50	18.00	20.00	20.00	14.50	14.50	18.00	20.00	20.00	
	Shipping Weight	18.00	18.00	22.00	24.00	23.50	18.00	18.00	22.00	24.00	23.50	
	Net Dimensions (WxHxD)	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 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 (WxHxD)	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 275 x 898	898 x 275 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	
	Panel model	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	
	Panel Net Weight	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	
	Shipping Weight	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	
	Net Dimensions (WxHxD)	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	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	
Shipping Dimensions (WxHxD)	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	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005		
Outdoor Unit	Drain pump	-	-	-	-	-	-	-	-	-	-	
	Air Filter	-	-	-	-	-	-	-	-	-	-	
	Power Supply	Φ, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	3,4,380-415,50	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	3,4,380-415,50	1,2,220-240,50/60	
	Compressor	Model	Twin BLDC Rotary UG9TK3150FE4	Twin BLDC Rotary UG4T200FUAE4	Twin BLDC Rotary UG8T300FUBJU	Twin BLDC Rotary UG5TK1450FJX	Twin BLDC Rotary UG9TK3150FE4	Twin BLDC Rotary UG4T200FUAE4	Twin BLDC Rotary UG8T300FUBJU	Twin BLDC Rotary UG5TK1450FJX	Twin BLDC Rotary UG9TK3150FE4	
	Oil	Type	POE	POE	POE	POE	POE	POE	POE	POE	PVE	
	Fan	Air Flow Rate	Cooling	40.00	51.00	78.00	111.00	40.00	51.00	78.00	111.00	112.00
	Sound	Sound Pressure	Cooling / Heating	666.67	850.00	1,300.00	1,850.00	666.67	850.00	1,300.00	1,850.00	1,850.00
	Net Weight	43.00	54.00	72.00	87.00	98.00	43.00	54.00	72.00	87.00	98.00	
	Shipping Weight	46.50	58.00	77.00	97.00	108.00	46.50	58.00	77.00	97.00	108.00	
	Net Dimensions (WxHxD)	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 1210 x 330	940 x 1420 x 330	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 1210 x 330	940 x 1420 x 330	
Shipping Dimensions (WxHxD)	1023 x 911 x 413	1023 x 911 x 413	995 x 1096 x 426	995 x 1388 x 426	995 x 1598 x 426	1023 x 911 x 413	1023 x 911 x 413	995 x 1096 x 426	995 x 1388 x 426	995 x 1598 x 426		
Operating Temp. Range	Cooling	-15~50	-15~50	-15~50	-15~50	-15~50	Cooling	-15~50	-15~50	-15~50		
Heating	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24	Heating	-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



Duct S (Central America)

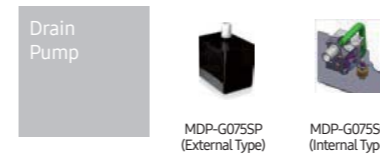


- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Optional)
- Zone Control (Optional)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- High Efficient Heat Exchanger
- Virus Doctor (Optional)
- Universal Outdoor
- Simultaneous On/off Function

DUCTS		Central America						
Country	Indoor Unit	Central America		Central America				
Model Code	Outdoor Unit	AC018MNMMDKH/VN	AC024MNMMDKH/VN	AC036MNMMDKH/VN	AC048MNMMDKH/VN	AC054MNMMDKH/VN		
		AC018MXADKH/VN	AC024MXADKH/VN	AC036MXADKH/VN	AC048MXADKH/VN	AC054MXADKH/VN		
Mode		HEAT PUMP		HEAT PUMP		HEAT PUMP		
Capacity	Cooling (Min / Std / Max)	kW	1.10/5.28/6.15	2.20/7.10/8.35	2.99/9.99/11.99	3.49/13.39/15.50	4.31/15.30/17.58	
	Btu/h	3,800/18,000/21,000	7,500/24,200/28,500	10,200/34,100/40,900	11,900/45,700/52,900	14,700/52,200/60,000	17,500/60,000/69,000	
Power	Heating (Min / Std / Max)	kW	1.06/6.00/7.20	1.90/8.00/9.38	2.20/11.20/15.50	3.49/15.50/17.99	4.70/17.30/20.80	
	Btu/h	3,600/20,500/24,600	6,500/27,300/32,000	7,500/38,200/52,900	11,900/52,900/61,400	16,000/59,000/71,000	19,500/71,000/81,000	
System	Power Input (Nominal)	Cooling (Min / Std / Max)	kW	0.34/1.92/2.10	0.35/2.59/3.45	0.60/3.50/4.70	0.80/4.45/6.44	0.95/5.10/7.00
	Heating (Min / Std / Max)	kW	0.26/1.80/2.20	0.35/2.50/3.50	0.46/3.30/5.40	0.70/4.54/7.36	0.95/5.16/7.40	
Energy Efficiency	Current Input (Nominal)	Cooling (Min / Std / Max)	A	1.80/8.40/9.50	2.00/11.40/15.00	3.00/15.10/20.40	3.70/20.00/28.00	4.00/22.60/31.00
	Heating (Min / Std / Max)	A	1.70/8.10/10.00	2.00/11.00/15.50	2.50/14.00/23.00	3.50/19.50/32.00	4.00/22.70/32.00	
Piping Connections	MCA	A	22.50 (MCA)	22.50 (MCA)	26.50 (MCA)	34.50 (MCA)	34.70 (MCA)	
	MFA	A	25.00	25.00	30.00	40.00	40.00	
Refrigerant	EER (Nominal Cooling)	-	2.75	2.74	2.86	3.01	3.00	
	COP (Nominal Heating)	-	3.33	3.20	3.39	3.41	3.35	
Field Wiring	Energy Grade	Energy Grade (C)	SEER 17.5	SEER 17.5	SEER 18.0	SEER 18.0	SEER 17.5	
	Energy Grade (H)	-	-	-	-	-	-	
Refrigerant	Liquid Pipe	Φ, mm	6.35	6.35	9.52	9.52	9.52	
	Φ, inch	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	
Power Supply	Gas Pipe	Φ, mm	12.70	15.88	15.88	15.88	19.05	
	Φ, inch	1/2"	1/2"	5/8"	5/8"	5/8"	3/4"	
Fan	Installation Max. Length (Outdoor to indoor)	m	30	50	50	75	75	
	Limitation Max. Height (Between ID/OD)	m	20.0	30.0	30.0	30.0	30.0	
Drain	Power Source Wire	-	1.5	1.5	-	-	1.5	
	Transmission Cable	-	0.75 - 1.5	0.75 - 1.5	0.75	0.75	0.75 - 1.5	
Additional Accessories	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	-	-	-	-	-	
Power Supply	Factory Charging	kg	1.50	2.00	3.00	3.40	3.80	
	Φ, #, V, Hz	-	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50/60	
Fan	Type	-	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	
	Output	W	153.00	153.00	153.00	244.00	350.00	
Sound	Number of Unit	EA	1.00	1.00	1.00	1.00	1.00	
	Air Flow Rate	High / Mid / Low	CMM	14.50/12.00/9.50	17.00/14.00/11.00	28.00/25.00/22.00	33.00/28.00/23.00	50.00/44.50/39.00
Drain	External Static Pressure	Min / Std / Max	mmAq	241.67/200.00/158.33	283.33/233.33/183.33	466.67/416.67/366.67	550.00/466.67/383.33	833.33/741.67/650.00
	mmAq	3.00/3.00/15.00	3.00/3.00/15.00	0.00/4.00/15.00	0.00/5.20/15.00	5.00/5.20/15.00		
Panel Size	Drain Pipe	Φ, mm	29.42/29.42/147.10	29.42/29.42/147.10	0.00/39.23/147.10	0.00/50.99/147.10	50.99/50.99/147.10	
	VP25 (OD 32, ID 25)	mm	29.0 / 26.0 / 23.0	30.0 / 27.0 / 24.0	34.0 / 32.0 / 30.0	37.0 / 34.0 / 30.0	44.0 / 40.0 / 36.0	
External Dimension	Sound Pressure	High / Mid / Low	dB(A)	-	-	-	-	
	Sound Power	Cooling	kg	27.00	27.00	33.40	38.60	53.40
Panel Size	Shipping Weight	kg	30.50	30.50	39.00	44.80	59.00	
	Net Dimensions (WxHxD)	mm	850 x 250 x 700	850 x 250 x 700	1200 x 250 x 700	1300 x 300 x 700	1200 x 360 x 650	
Additional Accessories	Shipping Dimensions (WxHxD)	mm	1064 x 320 x 784	1064 x 320 x 784	1429 x 320 x 779	1529 x 370 x 779	1456 x 440 x 778	
	Panel model	-	-	-	-	-	-	
Drain	Panel Net Weight	kg	-	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	-	
Power Supply	Net Dimensions (WxHxD)	mm	-	-	-	-	-	
	Shipping Dimensions (WxHxD)	mm	-	-	-	-	-	
Compressor	Additional Accessories	Drain pump	-	MDP-G075SP	MDP-G075SP	MDP-G075SP	MDP-M075SGU2	
	Drain pump Max. Lifting Height / Displacement	mm/liter/h	-	-	-	-	-	
Fan	Air Filter	Φ, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50/60	
	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	
Sound	Model	-	UG9TK3150FE4	UG4T200FUA4	UG8T300FUBJU	UG5TK1450FJX	UG5TK5450FJX	
	Output	kW	1.42	1.79	2.82	4.19	4.12	
External Dimension	Oil	Type	POE	POE	POE	PVE	PVE	
	Initial Charge	cc	-	-	-	-	-	
Panel Size	Air Flow Rate	Cooling	CMM	40.00	51.00	78.00	111.00	
	Heating	CMM	666.67	850.00	1,300.00	1,850.00	1,866.67	
Power Supply	Sound Pressure	Cooling / Heating	dB(A)	48.0 / 48.0	49.0 / 51.0	52.0 / 54.0	53.0 / 54.0	
	Sound Power	Cooling	dB(A)	-	-	-	-	
Additional Accessories	Net Weight	kg	43.00	54.00	72.00	87.00	98.00	
	Shipping Weight	kg	46.50	58.00	77.00	97.00	108.00	
Drain	Net Dimensions (WxHxD)	mm	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 1210 x 330	940 x 1420 x 330	
	Shipping Dimensions (WxHxD)	mm	1023 x 724 x 413	1023 x 911 x 413	995 x 1096 x 426	995 x 1388 x 426	995 x 1598 x 426	
Power Supply	Operating	Cooling	°C	-15-50	-15-50	-15-50	-15-50	
	Temp. Range	Heating	°C	-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





360 Cassette AHRI (Central America)

- Cold Draft Free
- Perfect even cooling
- Stylish design
- Universal Outdoor

360 CASSETTE AHRI			Central America				Central America			
Country	Indoor Unit	Outdoor Unit	AC018KN4DCH/AA	AC024KN4DCH/AA	AC030KN4DCH/AA	AC030JXADCH/AA	AC036KN4DCH/AA	AC036JXADCH/AA	AC042KN4DCH/AA	AC048KN4DCH/AA
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity	Cooling (Min / Std / Max)		5,000/18,000/21,000	7,000/24,000/27,000	9,300/30,000/35,000	9,300/30,000/35,000	14,000/36,000/41,000	14,000/36,000/41,000	16,300/42,000/45,000	18,600/48,000/51,000
	Heating (Min / Std / Max)		1,111/5.86/7.33	1.52/7.91/9.09	2.64/9.38/11.14	2.64/9.38/11.14	3.37/11.72/14.07	3.37/11.72/14.07	3.93/13.77/16.65	4.48/15.53/16.12
Power	Power Input (Nominal)		0.35/1.58/2.30	0.46/2.16/2.50	0.70/2.89/4.00	0.70/2.89/4.00	1.15/4.20/5.00	1.15/4.20/5.00	1.24/5.41/5.50	1.24/5.41/5.50
	Current Input (Nominal)		1.70/7.20/10.00	2.80/9.80/12.00	4.00/13.40/17.00	4.00/13.40/17.00	4.80/15.60/17.00	4.80/15.60/17.00	5.60/18.80/21.00	6.40/23.80/24.00
	MCA		8.09 (MCA)	12.06 (MCA)	19.71 (MCA)	19.71 (MCA)	22.56 (MCA)	22.56 (MCA)	22.56 (MCA)	22.56 (MCA)
	MFA		15.00	20.00	30.00	30.00	35.00	35.00	35.00	35.00
System	EER (Nominal Cooling)		3.34	3.26	3.04	3.04	3.52	3.52	2.93	2.60
	COP (Nominal Heating)		3.66	3.20	3.06	3.06	3.40	3.40	3.04	3.03
	Energy Grade		SEER 20.1	SEER 20.5	SEER 19.2	SEER 19.2	SEER 20.7	SEER 20.7	SEER 19.7	SEER 19.9
Piping Connections	Liquid Pipe		Φ 6.35	Φ 6.35	Φ 9.52	Φ 9.52	Φ 9.52	Φ 9.52	Φ 9.52	Φ 9.52
	Gas Pipe		Φ 1.27	Φ 1.27	Φ 1.27	Φ 1.27	Φ 1.27	Φ 1.27	Φ 1.27	Φ 1.27
	Installation Limitation		30	50	50	50	75	75	75	75
	Max. Length (Outdoor to indoor)		20.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
	Max. Height (Between ID/OD)		-	-	-	-	-	-	-	-
	Power Source Wire		-	-	-	-	-	-	-	-
	Transmission Cable		-	-	-	-	-	-	-	-
	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	-	-	-	-	-	-	-
	Factory Charging		1.30	2.10	2.60	2.60	2.80	2.80	2.80	2.80
Fan	Motor Output		65.00	65.00	97.00	97.00	97.00	97.00	97.00	97.00
	Number of Unit		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate		18.29/15.49/13.59	18.29/15.49/13.59	25.60/20.98/17.90	25.60/20.98/17.90	33.38/26.70/20.10	33.38/26.70/20.10	34.49/27.78/21.10	35.59/29.00/23.28
	External Static Pressure		304.83/258.17/226.50	304.83/258.17/226.50	426.67/349.67/298.33	426.67/349.67/298.33	556.33/445.00/335.00	556.33/445.00/335.00	574.83/463.00/351.67	593.17/483.33/388.00
Indoor Unit	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)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure		35.0 / 32.0 / 29.0	36.0 / 33.0 / 29.0	38.0 / 35.0 / 31.0	38.0 / 35.0 / 31.0	43.0 / 38.0 / 32.0	43.0 / 38.0 / 32.0	44.0 / 39.0 / 34.0	45.0 / 40.0 / 35.0
	Net Weight		21.00	21.00	24.00	24.00	24.00	24.00	24.00	24.00
	Shipping Weight		25.00	25.00	28.50	28.50	28.50	28.50	28.50	28.50
	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	947 x 365 x 947	947 x 365 x 947
	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	990 x 414 x 990	990 x 414 x 990
	Panel model		PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN
	Panel Net Weight		2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
	Shipping Weight		5.10	5.10	5.10	5.10	5.10	5.10	5.10	5.10
	Net Dimensions (WxHxD)		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	1050 x 94 x 1050	1050 x 94 x 1050	1050 x 94 x 1050
Additional Accessories	Drain pump		-	-	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-	-	-
	Max. Lifting Height / Displacement		-	-	-	-	-	-	-	-
Outdoor Unit	Compressor Output		1.42	1.85	2.82	2.82	4.12	4.12	4.12	4.12
	Oil		POE	POE	PVE	PVE	PVE	PVE	PVE	PVE
	Fan Air Flow Rate		43.86	61.98	62.83	62.83	86.05	86.05	86.05	86.05
	Sound Pressure		48.0 / 48.0	50.0 / 50.0	50.0 / 52.0	50.0 / 52.0	49.0 / 51.0	49.0 / 51.0	51.0 / 53.0	53.0 / 55.0
	Net Weight		45.00	64.50	70.00	70.00	88.00	88.00	88.00	88.00
	Shipping Weight		48.00	69.50	74.00	74.00	98.00	98.00	98.00	98.00
	Net Dimensions (WxHxD)		880 x 438 x 310	940 x 998 x 330	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	940 x 1210 x 330
	Shipping Dimensions (WxHxD)		1023 x 750 x 413	995 x 1096 x 426	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	995 x 1388 x 426
	Operating Temp. Range		-18~46	-18~46	-18~46	-18~46	-18~46	-18~46	-18~46	-18~46

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Optional Accessories





Wind-free 4Way Cassette S AHRI (Central America)

- Only function with Wind-Free Panel
- Virus Doctor (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling
- Universal Outdoor

WIND-FREE 4WAY CASSETTE S AHRI		Central America			
Country	Indoor Unit	AC018NN4DCH/AA	AC024NN4DCH/AA	AC036NN4DCH/AA	AC048NN4DCH/AA
Model Code	Outdoor Unit	AC018JXADCH/AA	AC024JXADCH/AA	AC036JXADCH/AA	AC048JXADCH/AA
Mode		HEAT PUMP		HEAT PUMP	
Capacity	Cooling (Min / Std / Max)	147/5,28/6,15 Btu/h	2,05/7,03/7,91 Btu/h	4,10/10,55/12,02 Btu/h	5,45/14,07/14,95 Btu/h
	Heating (Min / Std / Max)	5,000/18,000/21,000 Btu/h	7,000/24,000/27,000 Btu/h	14,000/36,000/41,000 Btu/h	18,600/48,000/51,000 Btu/h
Power	Power Input (Nominal)	111/5,86/7,33 kW	1,52/7,91/9,09 kW	3,37/11,72/14,07 kW	4,48/15,53/16,12 kW
	Current Input (Nominal)	3,800/20,000/25,000 A	5,200/27,000/31,000 A	11,500/40,000/48,000 A	15,300/53,000/55,000 A
System	Energy Efficiency	EER (Nominal Cooling)	EER (Nominal Heating)	EER (Nominal Cooling)	EER (Nominal Heating)
	Energy Grade	SEER 20.1	SEER 20.5	SEER 20.5	SEER 18.8
Piping Connections	Liquid Pipe	6.35	6.35	9.52	9.52
	Gas Pipe	1/4"	1/4"	3/8"	3/8"
Field Wiring	Power Source Wire	30	50	75	75
	Transmission Cable	20.0	30.0	30.0	30.0
Refrigerant	Type	R410A	R410A	R410A	R410A
	Control Method	-	-	-	-
Power Supply	Type	Turbo	Turbo	Turbo	Turbo
	Output	65.00 W	65.00 W	97.00 W	97.00 W
Fan	Air Flow Rate	16.42/-/273.67 l/s	16.42/-/273.67 l/s	28.88/-/481.33 l/s	34.83/-/580.50 l/s
	External Static Pressure	Min / Std / Max	mmAq	Pa	Pa
Sound	Sound Pressure	High / Mid / Low	High / Mid / Low	High / Mid / Low	High / Mid / Low
	Sound Power	Cooling	Cooling	Cooling	Cooling
External Dimension	Net Weight	15.50 kg	15.50 kg	19.00 kg	19.00 kg
	Shipping Weight	19.50 kg	19.50 kg	24.00 kg	24.00 kg
Panel Size	Net Dimensions (WxHxD)	840 x 204 x 840 mm	840 x 204 x 840 mm	840 x 288 x 840 mm	840 x 288 x 840 mm
	Shipping Dimensions (WxHxD)	898 x 275 x 898 mm	898 x 275 x 898 mm	898 x 357 x 898 mm	898 x 357 x 898 mm
Additional Accessories	Drain pump	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Air Filter	36.0 / 33.0 / 30.0	36.0 / 33.0 / 30.0	43.0 / 38.0 / 33.0	45.0 / 41.0 / 35.0
Compressor	Type	UG4T150LNBEQ	UG4T200LNFE4	UG5T450FUEJX	UG5T450FUEJX
	Output	1.85 kW	1.85 kW	4.12 kW	4.12 kW
Fan	Air Flow Rate	Cooling	Cooling	Cooling	Cooling
	Sound Pressure	Cooling / Heating	Cooling	Cooling	Cooling
External Dimension	Net Weight	43.89 kg	62.01 kg	86.08 kg	86.08 kg
	Shipping Weight	48.00 kg	64.50 kg	88.00 kg	88.00 kg
Operating Temp. Range	Cooling	-18~46 °C	-18~46 °C	-18~46 °C	-18~46 °C
	Heating	-20~24 °C	-20~24 °C	-20~24 °C	-20~24 °C

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Optional Accessories

Individual Controllers MWR-WE13N AR-EH03E AR-EH03M	Wind-Free Panel PC4NUFMAN	Standard Panel PC4NUSKAN (Waffle, White) PC4NUSKEN (Stripe, White) PC4NBSKAN (Waffle, Black)
--------------------------------------------------------------------	-------------------------------------	--------------------------------------------------------------------------------------------------------------



Multi Position AHU

- Flexible installation by simply adjusting discharging direction
- Top, Left, Right Side Discharge
- Appropriate Range of ESP with huge coverage
- External Heater Application
- Universal Outdoor

MULTI POSITION AHU			
Model Code	Indoor Unit	AC036KNZDCH/AA	AC048KNZDCH/AA
	Outdoor Unit	AC036JXADCH/AA	AC048JXADCH/AA
Mode		HEAT PUMP	HEAT PUMP
Capacity	Cooling (Min / Std / Max)	4.10/10.55/11.43	5.57/14.07/14.65
	Heating (Min / Std / Max)	14,000/36,000/39,000	19,000/48,000/50,000
Power	Cooling (Min / Std / Max)	3.52/11.72/12.60	4.69/15.53/16.12
	Heating (Min / Std / Max)	12,000/40,000/43,000	16,000/53,000/55,000
System	Power Input (Nominal)	0.98/3.16/3.45	1.42/5.00/5.40
	Current Input (Nominal)	0.81/3.62/4.70	1.28/4.95/5.60
Energy Efficiency	EER (Nominal Cooling)	5.10/14.10/18.20	7.90/21.30/23.00
	COP (Nominal Heating)	4.50/15.80/23.00	7.50/21.60/23.50
Piping Connections	Liquid Pipe	26.36 (MCA)	26.36 (MCA)
	Gas Pipe	40.00	40.00
Refrigerant	EER (Nominal Heating)	3.34	2.81
	Control Method	3.24	3.14
Power Supply	Energy Grade	SEER19	SEER18
	Type	HSPF10.2	HSPF9.7
Fan	Installation	9.52	9.52
	Max. Length (Outdoor to indoor)	3/8"	3/8"
Drain	Limitation	15.88	15.88
	Max. Height (Between ID/OD)	5/8"	5/8"
Field Wiring	Power Source Wire	75	75
	Transmission Cable	30.0	30.0
Refrigerant	Type	-	-
	Control Method	R410A	R410A
Power Supply	Factory Charging	2.80	2.80
	Type	1,2,208-230,60	1,2,208-230,60
Fan	Motor	Sirocco (ECM)	Sirocco (ECM)
	Output	410.00	590.00
Drain	Number of Unit	1.00	1.00
	Air Flow Rate	32.99/29.51/25.00	40.01/35.99/32.00
Sound	External Static Pressure	549.80/491.75/416.71	666.84/599.82/533.28
	Min / Std / Max	0.00/6.10/25.40	2.54/7.11/25.40
Panel Size	Drain Pipe	0.00/59.78/249.09	24.91/69.74/249.09
	Sound Pressure	42.0 / 39.0 / 36.0	43.0 / 41.0 / 38.0
External Dimension	Net Weight	56.00	74.00
	Shipping Weight	62.00	80.00
Panel Size	Net Dimensions (WxHxD)	533 x 1219 x 533	622 x 1492 x 552
	Shipping Dimensions (WxHxD)	591 x 1308 x 667	673 x 1588 x 692
Additional Accessories	Panel model	-	-
	Panel Net Weight	-	-
Power Supply	Shipping Weight	-	-
	Net Dimensions (WxHxD)	-	-
Compressor	Shipping Dimensions (WxHxD)	-	-
	Shipping Weight	-	-
Fan	Drain pump	-	-
	Drain pump	-	-
Sound	Max. Lifting Height / Displacement	-	-
	Air Filter	-	-
External Dimension	Power Supply	1,2,208-230,60	1,2,208-230,60
	Type	-	-
Panel Size	Model	Twin BLDC Rotary	Twin BLDC Rotary
	Output	UG5T450FUEJX	UG5T450FUEJX
Additional Accessories	Oil	4.12	4.12
	Initial Charge	PVE	PVE
Power Supply	Air Flow Rate	86.08	86.08
	Cooling	1,434.67	1,434.67
Compressor	Sound Pressure	49.0 / 51.0	53.0 / 55.0
	Cooling / Heating	-	-
Fan	Sound Power	-	-
	Cooling	-	-
Sound	Net Weight	88.00	96.00
	Shipping Weight	98.00	106.00
External Dimension	Net Dimensions (WxHxD)	940 x 1210 x 330	940 x 1420 x 330
	Shipping Dimensions (WxHxD)	995 x 1388 x 426	995 x 1598 x 426
Operating Temp. Range	Cooling	-18~46	-18~46
	Heating	-20~24	-20~24

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Optional Accessories



FJM LINEUP & FEATURE

60Hz

FREE JOINT MULTI

5kW

5.2kW

6.8kW









8kW

10kW

11kW









MALDIVES

MODEL				
CAPACITY	kW	KBtu/h	Maldives	Wind Free
	2	6.8	●	●
	2.5	8.5	●	●
	3.5	11.9	●	●
	5.0	17.1	●	●
	6.8	23.2	●	
FEATURES	 Virus Doctor			
	 Full HD Filter		●	●
	 Good Sleep		●	●
	 Wi-Fi		●	●

CASSETTE

MODEL					
CAPACITY	kW	KBtu/h	Wind Free 1Way Cassette	Wind-Free 4WAY(600x600)	4Way Cassette (600x600)
	2.2	7.5		●	●
	2.6	8.9	●	●	●
	2.8	9.5		●	●
	3.5	12	●	●	●
	5.2	17.7		●	●
	5.6	19.1			
	7.1	24.2			
FEATURES	 Powerful Airflow		●	●	●
	 Ceiling Dust Prevention		●	●	●
	 High Lift-up Drain Pump		●	●	●
	 Sub Duct			●	●
	 Fresh Air Intake			●	●

DUCT

MODEL				
CAPACITY	kW	KBtu/h	LSP DUCT	MSP DUCT
	2.6	8.9	●	
	3.5	11.9	●	
	5.2	17.7		●
FEATURES	 Pre Filter		●	●
	 Easy Filter Cleaning		●	●
	 High Lift-up Drain Pump (Optional)		●	●
	 Smart Pressure Control		●	●



Free Joint Multi

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

FREE JOINT MULTI				AJ017NCJ2CH/AZ	AJ018NCJ3CH/AZ	AJ023NCJ3CH/AZ	AJ028NCJ4CH/AZ	AJ034NCJ5CH/AZ	AJ038NCJ5CH/AZ	
Model Code				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	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				HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	HP			1.80	2.00	2.50	3.00	3.50	4.00	
		Capacity (Nominal)	Cooling	kW	5.00	5.20	6.80	8.00	10.00	11.00
			Cooling	Btu/h	17,100	17,700	23,200	27,300	34,100	37,500
			Heating	kW	5.70	6.8	8.00	9.30	11.00	12.00
	Heating		Btu/h	19,400	23,200	27,300	31,700	37,500	40,900	
	Power	Power Input (Nominal)	Cooling	kW	1.32	1.35	2.00	2.30	2.90	3.44
Heating			kW	1.35	1.40	1.91	2.20	2.5	3.00	
Current Input (Nominal)		Cooling	A	6.00	5.60	9.20	10.50	13.30	15.70	
		Heating	A	6.20	7.10	8.70	10.10	11.4	13.70	
MCA		A	11.80 (MCA)	12.20 (MCA)	15.50 (MCA)	18.70 (MCA)	26.20 (MCA)	26.20 (MCA)		
MFA		A	13.75	17.50	20.75	28.80	28.80	28.80		
COP	Nominal Cooling			-	3.79	4.23	3.40	3.48	3.45	
	Nominal Heating			-	4.22	4.36	4.19	4.23	4.40	
Compressor	Type				Twin BLDC Rotary x1	Twin BLDC Rotary x1	Twin BLDC Rotary x1	Twin BLDC Rotary x1	Twin BLDC Rotary x1	
	Output				(4.57)	(4.54)	(5.92)	(7.77)	(9.17)	
	Model Name				UG9TK3150FE4 x1	UG9TK3150FE4 x1	UG4T200FUAE4DO x1	G8T260FUAEW x1	UG8T300FUBJUSG x1	UG8T300FUBJUSG x1
	Oil	Type				POE	POE	POE	PVE	PVE
Initial Charge					500	570	650	700	1200	
Fan	Type				Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	
	Output x n				40.0 x1	125.0 x1	124.0 x1	124.0 x1	125.0 x1	125.0 x1
	Air Flow Rate				33	44	48	45	71	71
						551.67	733.33	791.67	756.67	1,176.67
External Static Pressure				-	-	-	-	-	-	
	Max.				-	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm x EA		6.35 x 2	6.35 x 3	6.35 x 3	6.35 x 4	6.35 x 5	6.35 x 5	
		Φ, inch x EA		1/4" x 2	1/4" x 3	1/4" x 3	1/4" x 4	1/4" x 5	1/4" x 5	
	Gas Pipe	Φ, mm x EA		9.52 x 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 3	9.52 x 2 + 12.70 x 3	
		Φ, inch x EA		3/8" + 1/2"	3/8" x 2 + 1/2"	3/8" + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 3	3/8" x 2 + 1/2" x 3	
Installation Limitation	Max. Length		m	30	50	50	70	80	80	
	Max. Height		m	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	4.0 ~ 4.0	4.0 ~ 4.0	
	Transmission Cable		mm ²	0.75-1	0.75-1	0.75-1	0.75-1	0.75 ~ 1.0	0.75 ~ 1.0	
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging			kg	1.60	1.90	2.20	2.80	3.30	
Sound	Sound Pressure		dB(A)	46.0 / 47.0	46.0 / 47.0	48.0 / 49.0	48.0 / 49.0	54.0 / 56.0	54.0 / 56.0	
	Sound Power		dB(A)	61.0	63.0	64.0	64.0	70.0	70.0	
External Dimension	Net Weight			kg	36.4	46.3	55.6	62.0	77.0	
	Shipping Weight			kg	39.4	49.3	59.6	67.0	82.5	
	Net Dimensions (WxHxD)			mm	790 x 548 x 285	880 x 638 x 310	880 x 793 x 310	880 x 793 x 310	940 x 998 x 330	
	Shipping Dimensions (WxHxD)			mm	926 x 640 x 384	1,053 x 721 x 413	1,023 x 911 x 413	1,023 x 911 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	-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	

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 * 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.

Wind-Free RAC



- Wind Free Cooling with Micro hole
- Advanced 2-Step Cooling
- Fast Cooling & Comfort Cooling
- Good Sleep with Wind Free Cooling
- Power Boost Technology with Digital Inverter 8-Pole

Maldives



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

WIND-FREE RAC				AJ007NBAPCH/AZ	AJ009NBAPCH/AZ	AJ012NBAPCH/AZ
Model Code						
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode				HP	HP	HP
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.50	3.50
			Btu/h	6,800	8,500	11,900
		Heating	kW	2.20	3.20	3.50
			Btu/h	7,500	10,900	11,900
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	30.00
		Heating	W	30.00	30.00	30.00
	Current Input (Nominal)	Cooling	A	0.30	0.30	0.30
		Heating	A	0.30	0.30	0.30
Fan	Motor	Type	-	Cross flow Fan	Cross flow Fan	Cross flow Fan
		Output x n	W	27 x 1	27 x 1	27 x 1
	Air Flow Rate	H/M/L (UL)	CMM	10.00/-/-	11.00/-/-	12.00/-/-
			l/s	166.67/-/-	183.33/-/-	200.00/-/-
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	9.52	
		Φ, inch	3/8"	3/8"	3/8"	
Drain Pipe	Φ, mm	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	
	Transmission Cable	mm ²	0.75 - 1.5	0.75 - 1.5	0.75 - 1.5	
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	37.0/30.0/22.0	37.0/30.0/22.0	38.0/31.0/22.0
	Sound Power	Cooling	dB(A)	56.0	56.0	58.0
			kg	9.40	9.40	9.40
Dimensions	Shipping Weight	kg	11.60	11.60	11.60	
	Net Dimensions (W×H×D)	mm	828 x 267 x 265	828 x 267 x 265	828 x 267 x 265	
	Shipping Dimensions (W×H×D)	mm	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335	
	Panel model	-	-	-	-	
	Panel Net Weight	kg	-	-	-	
Panel Size	Shipping Weight	kg	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	
	Shipping Dimensions (W×H×D)	mm	-	-	-	
	Drain pump	Drain pump	- / Model name	-	-	-
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	-	-	-	
		Air Filter	-	-	-	

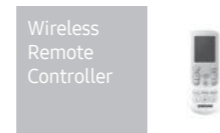
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MALDIVES				AJ007NBRDCH/AZ	AJ009NBRDCH/AZ	AJ012NBRDCH/AZ
Model Code						
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode				HP	HP	HP
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.50	3.50
			Btu/h	6,800	8,500	11,900
		Heating	kW	2.20	3.20	4.00
			Btu/h	7,500	10,900	13,600
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	30.00
		Heating	W	30.00	30.00	30.00
	Current Input (Nominal)	Cooling	A	0.30	0.30	0.30
		Heating	A	0.30	0.30	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output x n	W	23 x 1	23 x 1	23 x 1
	Air Flow Rate	H/M/L (UL)	CMM	790/700/610	940/870/790	1010/900/790
			l/s	131.67/116.67/101.67	156.67/145.00/131.67	168.33/150.00/131.67
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	9.52	
		Φ, inch	3/8"	3/8"	3/8"	
Drain Pipe	Φ, mm	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	
	Transmission Cable	mm ²	0.75 - 1.5	0.75 - 1.5	0.75 - 1.5	
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.0/28.0/21.0	38.0/28.0/21.0	42.0/33.0/23.0
	Sound Power	Cooling	dB(A)	56.0	56.0	59.0
			kg	8.00	8.00	8.00
Dimensions	Shipping Weight	kg	9.40	9.40	9.40	
	Net Dimensions (W×H×D)	mm	820 x 285 x 215	820 x 285 x 215	820 x 285 x 215	
	Shipping Dimensions (W×H×D)	mm	880 x 360 x 260	880 x 360 x 260	880 x 360 x 260	
	Panel model	-	-	-	-	
	Panel Net Weight	kg	-	-	-	
Panel Size	Shipping Weight	kg	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	
	Shipping Dimensions (W×H×D)	mm	-	-	-	
	Drain pump	Drain pump	- / Model name	-	-	-
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	-	-	-	
		Air Filter	-	-	-	

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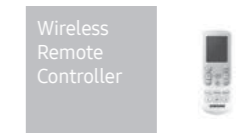
Optional Accessories

Standard Accessories



Optional Accessories

Standard Accessories





Maldives

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



Wind-Free 1Way Cassette

- Only function with Wind-Free Panel
- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water

MALDIVES				AJ018NBRDCH/AZ	AJ024NBRDCH/AZ
Model Code					
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60
Mode				HP	HP
Performance	Capacity (Nominal)	Cooling	kW	5.00	6.80
		Btu/h		17,100	23,200
	Heating	kW		6.00	7.80
		Btu/h		20,500	26,600
Power	Power Input (Nominal)	Cooling	W	50.00	50.00
		Heating		50.00	50.00
	Current Input (Nominal)	Cooling	A	0.50	0.50
		Heating		0.50	0.50
Fan	Motor	Type		Crossflow Fan	Crossflow Fan
		Output x n		27 x 1	27 x 1
	Air Flow Rate	H/M/L (UL)	CMM	14.20/12.30/11.20	17.80/14.30/10.60
			l/s	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
		Φ, inch		1/4"	1/4"
	Gas Pipe	Φ, mm		12.70	15.88
		Φ, inch		1/2"	5/8"
Drain Pipe	Φ, mm		VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	
	Power Source Wire	mm ²		1.5 - 2.5	1.5 - 2.5
Field Wiring	Transmission Cable	mm ²		0.75 - 1.5	0.75 - 1.5
		Type		R410A	R410A
Refrigerant	Control Method			EEV NOT INCLUDED	EEV NOT INCLUDED
		Sound Pressure	High / Mid / Low	dB(A)	42.0/34.0/25.0
Sound	Sound Power	Cooling	dB(A)	58.0	63.0
		Net Weight	kg	11.50	11.50
Dimensions	Shipping Weight	kg		13.50	13.50
		Net Dimensions (W×H×D)	mm	1065 x 298 x 230	1065 x 298 x 230
	Shipping Dimensions (W×H×D)	mm		1125 x 375 x 290	1125 x 375 x 290
		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		-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-
Air Filter				-	-

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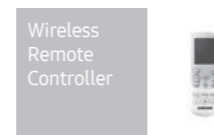
WIND FREE 1WAY CASSETTE				AJ009NB1DCH/AZ	AJ012NB1DCH/AZ
Model Code					
Attribute				Value	Value
Power Supply		Φ, #, V, Hz		1, 2, 208-230, 60	1, 2, 208-230, 60
Mode				HP	HP
Performance	Capacity (Nominal)	Cooling	kW	2.60 kW	3.50 kW
		Btu/h		8,900 Btu/h	11,900 Btu/h
	Heating	kW		2.90 kW	3.80 kW
		Btu/h		9,900 Btu/h	13,000 Btu/h
Power	Power Input (Nominal)	Cooling	W	45.00 W	50.00 W
		Heating		45.00 W	50.00 W
	Current Input (Nominal)	Cooling	A	0.23 A	0.25 A
		Heating		0.23 A	0.25 A
Fan	Motor	Type		Crossflow Fan	Crossflow Fan
		Output x n		17 x 1 W	17 x 1 W
	Air Flow Rate	H/M/L (UL)	CMM	6.20/5.20/4.20 CMM	7.60/6.60/5.60 CMM
			l/s	103.33/86.67/70.00	126.67/110.00/93.33
Piping Connections	Liquid Pipe	Φ, mm		6.35 mm	6.35 mm
		Φ, inch		1/4"	1/4"
Gas Pipe	Φ, mm		9.52 mm	9.52 mm	
	Φ, inch		3/8"	3/8"	
Drain Pipe	Φ, mm		VP20 (OD 26, ID 20) mm	VP20 (OD 26, ID 20) mm	
	Power Source Wire	mm ²		1.0 - 1.0	1.0 - 1.0
Field Wiring	Transmission Cable	mm ²		0.75 - 1.0	0.75 - 1.0
		Type		R410A	R410A
Refrigerant	Control Method			EEV NOT INCLUDED	EEV NOT INCLUDED
		Sound Pressure	High / Mid / Low	dB(A)	32 / 29 / 26 dBA
Sound	Sound Power	Cooling	dB(A)	55 dBA	58 dBA
		Net Weight	kg	10.0 kg	10.0 kg
Dimensions	Shipping Weight	kg		12.0 kg	12.0 kg
		Net Dimensions (W×H×D)	mm	970 x 135 x 410 mm	970 x 135 x 410 mm
	Shipping Dimensions (W×H×D)	mm		1173 x 231 x 487 mm	1173 x 231 x 487 mm
		Panel model		-	PCINWFMAN
Panel Size	Panel Net Weight	kg		4.3 kg	4.3 kg
		Shipping Weight	kg		6.3 kg
	Net Dimensions (W×H×D)	mm		1198 x 35 x 500 mm	1198 x 35 x 500 mm
		Shipping Dimensions (W×H×D)	mm		1262 x 122 x 566 mm
Additional Accessories	Drain pump	- / Model name		-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-

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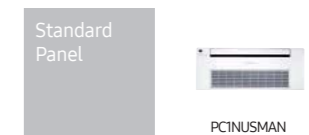
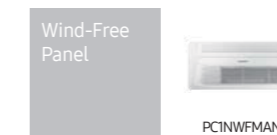
Optional Accessories



Standard Accessories



Optional Accessories





Wind-Free 4Way Cassette (600x600)

- Only function with Wind-Free Panel
- Compact and Light Unit
- Virus Doctor (Optional)
- No Overflowing Drain Water

WIND-FREE 4WAY CASSETTE (600X600)						
Model Code		Standard	AJ009NBNPCH/AZ	AJ012NBNPCH/AZ	AJ018NBNPCH/AZ	
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	2.60	3.50	5.20
			Btu/h	8,900	11,900	17,700
		Heating	kW	2.90	3.80	5.60
			Btu/h	9,900	13,000	19,100
Power	Power Input (Nominal)	Cooling	W	19.00	22.00	28.00
			Heating	19.00	22.00	28.00
	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	9.00/8.20/6.90	10.50/9.00/7.40	10.50/9.00/7.40
			l/s	150.00/136.67/115.00	175.00/150.00/123.33	175.00/150.00/123.33
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	12.70	
		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)	33.0/29.0/25.0	35.0/31.0/27.0	39.0/36.0/32.0
		Cooling	dB(A)	49.0	53.0	55.0
Dimensions	Net Weight	kg	11.50	11.50	11.70	
	Shipping Weight	kg	13.80	13.80	14.00	
	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	-	PC4SUSMC	PC4SUSMC	PC4SUSMC	
	Panel Net Weight	kg	2.30	2.30	2.30	
	Shipping Weight	kg	3.50	3.50	3.50	
	Net Dimensions (W×H×D)	mm	620 x 45 x 620	620 x 45 x 620	620 x 45 x 620	
Shipping Dimensions (W×H×D)	mm	661 x 106 x 671	661 x 106 x 671	661 x 106 x 671		
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	
	Air Filter	-	-	-	-	

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Optional Accessories

<p>Individual Controllers</p>  <p>MWR-WE13N</p>  <p>AR-EH03E AR-EH03M</p>	<p>Wind-Free Panel</p>  <p>PC4SUFMAN</p>	<p>Standard Panel</p>  <p>PC4SUSMBN (Waffle, White)</p>  <p>PC4SUSMFN (Stripe, White)</p>
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LSP Duct



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

MSP Duct



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

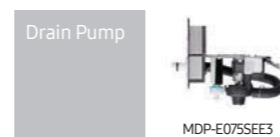
LSP DUCT				AJ009NBLDCH/AZ	AJ012NBLDCH/AZ
Model Code					
Power Supply		Φ, #, V, Hz		1,2,208-230,60	1,2,208-230,60
Mode				HP	HP
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
			Btu/h	8,900	11,900
	Heating	kW	2.90	3.80	
		Btu/h	9,900	13,000	
Power	Power Input (Nominal)	Cooling	W	76.00	76.00
		Heating	W	76.00	76.00
	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	25 x 1	25 x 1
	Air Flow Rate	H/M/L (UL)	CMM	9.70/9.00/8.30	10.60/15.50/14.80
			l/s	342.60/317.80/393.10	374.30/353.20/346.10
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"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
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 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
	Sound Power	Cooling	dB(A)	53.0	53.0
				23.00	23.00
Dimensions	Net Weight	kg	23.00	23.00	
	Shipping Weight	kg	28.50	28.50	
	Net Dimensions (W×H×D)	mm	900 x 199 x 600	900 x 199 x 600	
	Shipping Dimensions (W×H×D)	mm	1151 x 280 x 709	1151 x 280 x 709	
	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-E075SEE3	MDP-E075SEE3
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	
			-	-	
Air Filter			-	-	

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MSP DUCT				AJ018NBMDCH/AZ	
Model Code					
Power Supply		Φ, #, V, Hz		1,2,208-230,60	
Mode				HP	
Performance	Capacity (Nominal)	Cooling	kW	5.20	
			Btu/h	17,700	
	Heating	kW	5.60	5.60	
		Btu/h	19,100	19,100	
Power	Power Input (Nominal)	Cooling	W	200.00	
		Heating	W	200.00	
	Current Input (Nominal)	Cooling	A	1.40	
		Heating	A	1.40	
Fan	Motor	Type		Sirocco Fan	
		Output x n	W	200 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	16.30/15.00/13.50	16.30/15.00/13.50
			l/s	271.67/250.00/225.00	271.67/250.00/225.00
External Pressure	Min / Std / Max	mmAq	0.00/4.00/6.00	0.00/4.00/6.00	
		Pa	0.00/39.23/58.84	0.00/39.23/58.84	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	12.70	12.70	
		Φ, inch	1/2"	1/2"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
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 NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.0 / 35.0 / 33.0	
	Sound Power	Cooling	dB(A)	55.0	
				28.30	
Dimensions	Net Weight	kg	28.30	28.30	
	Shipping Weight	kg	33.50	33.50	
	Net Dimensions (W×H×D)	mm	900 x 260 x 480	900 x 260 x 480	
	Shipping Dimensions (W×H×D)	mm	1170 x 340 x 595	1170 x 340 x 595	
	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-M075SGU3	MDP-M075SGU3
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	-	-	
			-	-	
Air Filter			-	-	

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Optional Accessories



Optional Accessories




































Control System



CLASSIFICATION	PRODUCT	IMAGE	MODEL		APPLICATION		
			DVM, CAC	FJM			
Integrated Management System	Controller	S-NET 3		MST-P3P	MST-P3P	Excluding(DVM chiller, FCU kit)	
		DMS 2.0		MIM-D00A	-	Cassette & Ceiling	
		DMS 2.5		MIM-D01AN	-	Including(DVM chiller, FCU kit)	
	Interface Module	PIM (Electricity meter)		MIM-B16N	MIM-B16	Excluding(ERV, DVM chiller, FCU kit)	
Building Management Module	Gateway	LonWorks Gateway(New)		MIM-B18BN	MIM-B18	Including(DVM chiller, FCU kit)	
		BACnet Gateway(New)		MIM-B17BN	MIM-B17	Including(DVM chiller, FCU kit)	
System Controller	Controller	Centralized Touch Controller		MCM-A300N	-	-	
		On/Off Controller		MCM-A202DN	MCM-A202D	Cassette & Ceiling	
		Operation Mode Selection Switch		MCM-C200	-	DVM S Series (Except HR Models)	
	Interface Module	External Contact		MIM-B14	MIM-B14	-	
				MIM-B14A	-	Refrigerant Leak Detector	
		MTFC (Multi Tenant Function Controller)		MCM-C210N	-	DVM Only	
		Centralized Control Interface Module		-	MIM-B13D	For connecting Centralized control system	
		FCU interface module		MIM-N10	MIM-N10	ERV	
		Compatible interface module		MIM-N01	MIM-N01	Old & New protocol	
	Individual Control System	Controller	Wired Remote Controller		MWR-WE13N	MWR-WE13	Including Windfree button
			Wired Remote Controller		MWR-WW00N	-	DVM S Hydro Unit
		Wired Remote Controller		MCM-A00N	-	For DVM chiller	
		Simplified wired Remote Controller		MWR-SH10N	-	Touch controller, Built in Temperature sensor	
		Simplified wired Remote Controller		MWR-SH00N	MWR-SH00	-	
		Simplified wired Remote Controller		MWR-VH12N	MWR-VH02	ERV	
Wireless Remote Controller (H/P)			AR-EH03E	AR-EH03E	AR-EH03E(SEC) / AR-EH03M(SSEC)		
Wireless Remote Controller (C/O)			AR-EH03M	AR-EH03M	-		
Wireless Remote Controller			MR-EC00	MR-EC00	Not including Windfree button		
Wireless Remote Controller			AR-KH00E	-	360 CST Only		
Wi-Fi Kit			MIM-H03N	MIM-H03	-		
RAC Extension Board			-	MIM-A00	For connecting wired remote controller and external contact interface module		
Sensor	Wireless Signal Receiver package (With Receiver wire)		MRK-A10N	-	DVM S Series (for Ducted indoor unit) Single Global Duct		
	Wireless Signal Receiver package (With Receiver wire)		-	MRK-A00 MRW-10A	Duct (Wireless remote controller)		
Sensor	External Room Sensor		MRW-TA	MRW-TA	-		
	ERV CO2 Sensor		MOS-C1	MOS-C1	-		
Test Run Tool	S-Converter (S-NET Pro)		MIM-C02N	MIM-C02N	Converter for communication with PC		

Accessories

CLASSIFICATION	IMAGE	MODEL		APPLICATION
		DVM S	CAC, 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(11.2/14.0 kW)
		MDP-M075SGU3D	MDP-M075SGU3	M.S.P Duct(5.6/7.1 kW)
		MDP-N047SNCOD	-	Fresh Air Intake 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	Global Duct (External Type)
	-	MDP-G075SQ	Global Duct (Internal Type)	
AHU Kits		MXD-K02SAN	-	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)
	360 Cassette Front Panel		PC4NUDMAN	PC4NUDMAN
		PC4NBDMAN	PC4NBDMAN	NASA, Square - Black
		PC4NUNMAN	PC4NUNMAN	NASA, Circle (Exposed installation)
		PC4NBNMAN	PC4NBNMAN	NASA, Circle (Exposed installation) - Black
4 Way Cassette Front Panel		PC4NUSKAN	PC4NUSKA (Korea) PC4NUSMA (China)	4Way Cassette S - Waffle
		PC4NUSKEN	PC4NUSKE (Korea) PC4NUSME (China)	4Way Cassette S - Classic
		PC4NUSKFN	-	4Way Cassette S - Classic (North America)
		PC4NBSKAN	PC4NBSKA	4Way Cassette S - Black
		-	P4SMA	4Way Cassette
Wind-Free 4 Way Cassette Front Panel		PC4NUFMAN	-	Wind-Free 4 Way Cassette
4 Way Cassette (600 x 600) Front Panel		PC4SUSMBN	PC4SUSMC	4Way Cassette S (600x600) -Waffle
		PC4SUSMFN	PC4SUSMG	4Way Cassette S (600x600) - Classic
Wind-Free 4 Way Cassette 600x600 Front Panel		PC4SUFMAN	-	Wind-Free 4 Way Cassette (600x600)
1 Way Cassette Front Panel		PC1MWSKAN, PC1NWSMAN, PC1BWSMAN	-	1Way Cassette (New Air Fluid Design) (1.7~2.2kW)
		PC1NUSMAN	PSSMA	Slim 1Way Cassette (2.2~3.5kW)
		PC1BWSEAN	-	Slim 1Way Cassette (5.6~7.1kW)
		PC1NUPMAN	PC1NUPMA	Slim 1Way Cassette Z-Sliding (2.2~3.5kW)
		PC1BWPEAN	-	Slim 1Way Cassette Z-Sliding (5.6~7.1kW)
Wind-Free 1 Way Cassette Front Panel		PC1MWFMAN (1.7/2.2kW), PC1NWFMAN (2.2~3.6kW), PC1BWFMAN (5.6/7.1kW)	-	Wind-Free 1 Way Cassette
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

Classification	Image	Model	APPLICATION
Y-joint		MXJ-YA1509M	15.0 kW and below
		MXJ-YA2512M	Over 15.0 kW ~ 40.0 kW and below
		MXJ-YA2812M	Over 40.0 kW ~ 45.0 kW and below
		MXJ-YA2815M	Over 45.0 kW ~ 70.3 kW and below
		MXJ-YA3419M	Over 70.3 kW ~ 98.4 kW and below
		MXJ-YA4119M	Over 98.4 kW ~ 135.2 kW and below
		MXJ-YA4422M	Over 135.2 kW
Y-Joint (HR Only)		MXJ-YA1500M	22.4 kW and below
		MXJ-YA2500M	Over 22.4 kW ~ 70.3 kW and below
		MXJ-YA3100M	Over 70.3 kW ~ 135.2 kW and below
Y-Joint (Outdoor Unit)		MXJ-YA3800M	Over 135.2 kW
		MXJ-TA3419M	135.2 kW and below
Y-Joint (HR Outdoor Unit)		MXJ-TA4122M	140.2 kW and Over
		MXJ-TA3100M	135.2 kW and below
Distribution Header		MXJ-TA3800M	140.2 kW and Over
		MXJ-HA2512M	45.0 kW and below (for 4 rooms)
		MXJ-HA3115M	70.3 kW and below (for 8 rooms)
MCU		MXJ-HA3819M	Over 70.3 kW ~ 135.2 kW and below (for 8 rooms)
		MCU-S6NEK2N	6 ports, max 61.6kW (~16kW/1port)
		MCU-S4NEK3N	4 ports, max 61.6kW (~16kW/1port)
		MCU-S2NEK2N	2 ports, max 32.0kW (~16kW/1port)
		MCU-S1NEK1N	1 port, max 16.0kW (~16kW/1port)
EEV Kit		MXD-E24K132A	
		MXD-E24K200A	2 Indoor
		MXD-E24K232A	
		MXD-E24K300A	3 Indoor
		MXD-E32K224A	
PDM Kit		MXD-E32K300A	
		MEV-E24SA	1 Indoor
		MEV-E32SA	
PDM Kit		MXD-A38K2A	8~12 HP
		MXD-A12K2A	14~16 HP
		MXD-A58K2A	18~26 HP

