



SAMSUNG DVM S

DVM System

Control System

DVM System

Control System



DVMS LINE UP _Outdoor Unit

DVM S HP			SINGLE							
IMAGE	MODEL	CAPACITY (HP)	8	10	12	14	16	18	20	22
	AM080FXVAGH/EU	8	1							
	AM100FXVAGH/EU	10		1						
	AM120FXVAGH/EU	12			1					
	AM140FXVAGH/EU	14				1				
	AM160FXVAGH/EU	16					1			
	AM180FXVAGH/EU	18						1		
	AM200FXVAGH/EU	20							1	
	AM220FXVAGH/EU	22								1
	AM240HXVAGH/EU	24								
	AM260HXVAGH/EU	26								
	AM280KXVAGH/EU	28								
	AM300KXVAGH/EU	30								

DVM S HP			MODULE							
IMAGE	MODEL	CAPACITY (HP)	54	56	58	60	62	64	66	68
	AM080FXVAGH/EU	8								
	AM100FXVAGH/EU	10					1			
	AM120FXVAGH/EU	12						1		
	AM140FXVAGH/EU	14							1	
	AM160FXVAGH/EU	16								1
	AM180FXVAGH/EU	18								
	AM200FXVAGH/EU	20								
	AM220FXVAGH/EU	22					1	1	1	1
	AM240HXVAGH/EU	24	1							
	AM260HXVAGH/EU	26		1						
	AM280KXVAGH/EU	28			1					
	AM300KXVAGH/EU	30	1	1	1	2	1	1	1	1

If you wish to install outdoor unit module with capacity over 90HP, please contact local Samsung Dealer.

[illegible]

DVMS LINE UP & FEATURE _Indoor Unit

CASSETTE

MODEL						
		4Way S Also available in Wind-Free	4Way S (600x600) Also available in Wind-Free	Slim 1Way Also available in Wind-Free	2Way	360Cassette
CAPACITY (kW)	2.2		●	●		
	2.8		●	●		
	3.6		●	●		
	4.5	●	●			●
	5.6	●	●	●	●	●
	6.0		●			
	7.1	●		●	●	●
	9.0	●				●
	10.0					
	11.2	●				●
	12.8	●				●
	14.0	●				●
FEATURES	 Powerful Airflow	●	●	●		●
	 Ceiling Dust Prevention	●	●	●		●
	 Fresh Air Intake	●	●			●
	 High Lift-up Drain Pump	●	●	●	●	●
	 Sub Duct	●	●			

DUCT

MODEL						
		HSP	MSP		Slim	
			Drain pump Non-included	Drain pump included	Drain pump Non-included	Drain pump included
CAPACITY (kW)	2.2		●	●	●	●
	2.8		●	●	●	●
	3.6		●	●	●	●
	4.5		●	●	●	●
	5.6		●	●	●	●
	7.1		●	●	●	●
	9.0		●	●	●	●
	11.2	●	●	●	●	●
	12.8	●	●	●	●	●
	14.0	●	●	●	●	●
	16.0		●	●		
	18.0					●
	20.0					
	22.0	●				
	22.4					●
	28.0	●				
FEATURES	 Pre Filter	●	●		●	●
	 Easy Filter Cleaning	●	●		●	●
	 High Lift-up Drain Pump (Optional)	●	●		●	●
	 Smart Pressure Control	●	●		●	●



WALL-MOUNTED

MODEL			
		New Boracay-E	AR5000-E
CAPACITY (kW)	2.2	●	●
	2.8	●	●
	3.6	●	●
	4.5	●	●
	5.6	●	●
	7.1	●	●
	8.2		●
FEATURES	 Deodorizing Filter	●	●
	 good sleep	●	●

CONSOLE & CEILING

MODEL				
		Ceiling	Big Ceiling	Console
CAPACITY (kW)	kW			
	2.8			●
	3.6			●
	4.5			
	5.6	●		●
	7.1	●		
	11.2		●	
	14		●	
FEATURES	 Interior Design	●	●	●
	 Anti-virus Filter	●	●	●
	 Lightweight Unit	●	●	●
	 Flexible Pipe Installation	●	●	●

CONCEALED FLOOR STANDING

MODEL		
CAPACITY (kW)	3.6	●
	5.6	●

PAC

MODEL		
CAPACITY (kW)	kW	
	14.1	●
	28.1	●

VENTILATION

MODEL			
		OAP DUCT	ERV PLUS
CAPACITY (kW)	kW		
	3.6 (500CMH)		●
	7.1 (500CMH)		●
	14	●	
	22	●	
	28	●	

DVMS LINE UP _Outdoor Unit



DVMS HP

DIGITAL VARIABLE MULTI

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

DVMS										
Model Code				DVM S HP		AM080FXVAGH/EU		AM100FXVAGH/EU		
Power Supply				Φ, #, V, Hz		3,4380-415,50		3,4380-415,50		
Mode				-		HEAT PUMP		HEAT PUMP		
Performance	HP		HP		8.00		10.00			
	Capacity (Nominal)	Cooling	kW		22.40		28.00			
			Btu/h		76,400		95,500			
		Heating	kW		25.20		31.50			
			Btu/h		86,000		107,500			
Power	Power Input (Nominal)	Cooling ¹⁾		kW		5.00		6.80		
		Heating ²⁾		kW		5.10		6.70		
	Current Input (Nominal)	Cooling ¹⁾		A		8.00		10.90		
		Heating ²⁾		A		8.20		10.70		
	MCA				22.50 (MCA)		29.90 (MCA)			
	MFA		A		30.00		40.00			
COP	Nominal Cooling ¹⁾			-		4.48		4.12		
	Nominal Heating ²⁾			-		4.94		4.70		
Compressor	Type			-		SSC Scroll x 1		SSC Scroll x 1		
	Output			kW x n		(4.96)		(6.13)		
	Model Name			-		DS-GB052FAVASG x 1		DS-GB066FAVASG x 1		
	Oil	Type		-		PVE		PVE		
		Initial Charge		cc		1100		1100		
Fan	Type			-		Propeller		Propeller		
	Output x n			W		400.0 x 1		400.0 x 1		
	Air Flow Rate			CMM		173		173		
				l/s		2,883.33		2,883.33		
	External Static Pressure	Max.	mmAq		8.00		8.00			
			Pa		78.45		78.45			
Piping Connections	Liquid Pipe			Φ, mm		9.52		9.52		
				Φ, inch		3/8"		3/8"		
	Gas Pipe			Φ, mm		19.05		22.22		
				Φ, inch		3/4"		7/8"		
	Discharge Gas Pipe			Φ, mm		-		-		
				Φ, inch		-		-		
	Oil Equalizing Pipe			Φ, mm		-		-		
				Φ, inch		-		-		
	Installation Limitation		Max. Length		m		200		200	
			Max. Height		m		110.0		110.0	
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		5.50		5.20		
Sound ³⁾	Sound Pressure			dB(A)		57.0		58.0		
	Sound Power			dB(A)		77.0		79.0		
External Dimension	Net Weight			kg		190.0		190.0		
	Shipping Weight			kg		206.0		206.0		
	Net Dimensions (WxHxD)			mm		880 x 1,695 x 765		880 x 1,695 x 765		
	Shipping Dimensions (WxHxD)			mm		948 x 1,887 x 832		948 x 1,887 x 832		
Operating Temp. Range	Cooling			°C		-5.0 ~ 48.0		-5.0 ~ 48.0		
	Heating			°C		-20.0 ~ 24.0		-20.0 ~ 24.0		

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

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

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

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

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

4) 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.)

* PDM kit : Pressure Drop Modulation kit.

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

* These products contain R410A which is fluorinated greenhouse gas.



AM120FXVAGH/EU	AM140FXVAGH/EU	AM160FXVAGH/EU	AM180FXVAGH/EU
3,4,380-415.50	3,4,380-415.50	3,4,380-415.50	3,4,380-415.50
HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
12.00	14.00	16.00	18.00
33.60	40.00	45.00	50.40
114,600	136,500	153,500	172,000
37.80	45.00	50.00	56.70
129,000	153,500	170,600	193,500
8.40	8.90	11.00	12.88
8.70	9.50	11.50	11.90
13.50	14.30	17.60	20.70
14.00	15.20	18.40	19.10
31.30 (MCA)	31.30 (MCA)	40.00 (MCA)	48.90 (MCA)
40.00	40.00	40.00	50.00
4.00	4.49	4.09	3.91
4.34	4.74	4.35	4.76
SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2
(6.13)	(6.13)	(4.96x2)	(6.13x2)
DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB052FAVASG x 2	DS-GB066FAVASG x 2
PVE	PVE	PVE	PVE
1100	1100	2200	2200
Propeller	Propeller	Propeller	Propeller
400.0 x 1	620.0 x 2	620.0 x 2	620.0 x 2
190	260	260	270
3,166.67	4,333.33	4,333.33	4,500.00
8.00	8.00	8.00	8.00
78.45	78.45	78.45	78.45
12.70	12.70	12.70	15.88
1/2"	1/2"	1/2"	5/8"
28.58	28.58	28.58	28.58
1 1/8"	1 1/8"	1 1/8"	1 1/8"
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
200	200	200	200
110.0	110.0	110.0	110.0
-	-	-	-
0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
R410A	R410A	R410A	R410A
5.50	7.70	7.40	8.70
62.0	61.0	63.0	64.0
81.0	81.0	83.0	86.0
190.0	235.0	278.0	300.0
206.0	254.0	297.0	319.0
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
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
-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

DVMS LINE UP _Outdoor Unit



DVMS HP

DIGITAL VARIABLE MULTI

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

DVMS						
Model Code			DVM S HP	AM200FXVAGH/EU	AM220FXVAGH/EU	
Power Supply			Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	
Mode			-	HEAT PUMP	HEAT PUMP	
Performance	HP		HP	20.00	22.00	
			kW	56.00	61.60	
	Capacity (Nominal)	Cooling	Btu/h	191,100	210,200	
			kW	63.00	69.30	
		Heating	Btu/h	215,000	236,500	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	15.19	17.35	
		Heating ²⁾		13.90	16.70	
	Current Input (Nominal)	Cooling ¹⁾	A	24.40	27.80	
		Heating ²⁾		22.30	26.80	
	MCA			52.50 (MCA)	55.60 (MCA)	
	MFA		A	75.00	75.00	
COP	Nominal Cooling ¹⁾		-	3.69	3.55	
	Nominal Heating ²⁾		-	4.53	4.15	
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2	
	Output		kW x n	(6.13x2)	(6.13x2)	
	Model Name		-	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	
	Oil	Type	-	PVE	PVE	
		Initial Charge		cc	2200	2200
Fan	Type		-	Propeller	Propeller	
	Output x n		W	620.0 x 2	620.0 x 2	
	Air Flow Rate		CMM	275	295	
			l/s	4,583.33	4,916.67	
	External Static Pressure	Max.	mmAq	8.00	8.00	
Pa			78.45	78.45		
Piping Connections	Liquid Pipe		Φ, mm	15.88	15.88	
			Φ, inch	5/8"	5/8"	
	Gas Pipe		Φ, mm	28.58	28.58	
			Φ, inch	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
		Max. Height	m	110.0	110.0	
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	8.40	8.40	
Sound ³⁾	Sound Pressure		dB(A)	65.0	65.0	
	Sound Power		dB(A)	87.0	89.0	
External Dimension	Net Weight		kg	300.0	300.0	
	Shipping Weight		kg	319.0	319.0	
	Net Dimensions (WxHxD)		mm	1,295 x 1,695 x 765	1,295 x 1,695 x 765	
	Shipping Dimensions (WxHxD)		mm	1,363 x 1,887 x 832	1,363 x 1,887 x 832	
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	

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

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

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

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

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

4) 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.)

* PDM kit : Pressure Drop Modulation kit.

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

* These products contain R410A which is fluorinated greenhouse gas.



AM240HXVAGH/EU	AM260HXVAGH/EU	AM280KXVAGH/EU	AM300KXVAGH/EU
3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
24.00	26.00	28.00	30.00
67.20	72.80	78.60	84.00
229,300	248,400	268,200	286,600
75.60	81.90	88.20	94.50
258,000	279,500	301,000	322,400
17.10	19.30	20.68	22.70
19.80	21.80	17.99	18.30
26.83	30.28	33.20	36.40
31.06	34.20	28.80	29.30
60.50 (MCA)	63.80 (MCA)	62.70 (MCA)	70.50 (MCA)
75.00	75.00	75.00	90.00
3.93	3.77	3.80	3.70
3.82	3.76	4.90	5.16
SSC Scroll x 2	SSC Scroll x 2	-	-
(6.39x2)	(6.76x2)	-	-
DS-GB066FAVBSG x 2	DS-GB070FAVASG x 2	-	-
PVE	PVE	-	-
2200	2200		
Propeller	Propeller	Propeller	Propeller
620.0 x 2	620.0 x 2	620.0 x 2	620.0 x 2
310	310	340	340
5,166.67	5,166.67	5,666.67	5,666.67
8.00	8.00	8.00	8.00
78.45	78.45	78.45	78.45
15.88	19.05	19.05	19.05
5/8"	3/4"	3/4"	3/4"
34.92	34.92	34.92	34.92
1 3/8"	1 3/8"	1 3/8"	1 3/8"
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
200	200	200	200
110.0	110.0	110.0	110.0
-	-	-	-
0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
R410A	R410A	R410A	R410A
14.30	14.30	14.30	15.50
67.0	67.0	69.0	69.0
91.0	91.0	85.0	87.0
360.0	360.0	360.0	360.0
375.0	375.0	377.0	377.0
1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,795 x 765	1,295 x 1,795 x 765
1,363 x 1,887 x 832	1,363 x 1,887 x 832	1,363 x 1,987 x 832	1,363 x 1,987 x 832
-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

DVMS LINE UP _Outdoor Unit



DVMS HP

DIGITAL VARIABLE MULTI

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

DVMS NEW

Model Code				DVM S HP		AM220KXVGGH/EU		AM240KXVGGH/EU	
Power Supply				Φ, #, V, Hz		3,4,380-415,50		3,4,380-415,50	
Mode				-		HEAT PUMP		HEAT PUMP	
Performance	HP	HP		kW		22.00		24.00	
	Capacity (Nominal)	Cooling	Btu/h	61.60		67.20			
			kW	210,200		229,300			
		Heating	Btu/h	69.30		75.60			
			Btu/h	236,500		258,000			
Power	Power Input (Nominal)	Cooling ¹⁾	kW	15.75		16.00			
		Heating ²⁾		15.86		15.43			
	Current Input (Nominal)	Cooling ¹⁾	A	25.30		25.70			
		Heating ²⁾		25.40		24.70			
	MCA			46.10 (MCA)		50.00 (MCA)			
	MFA			A		63.00			
COP	Nominal Cooling ¹⁾			-		3.91		4.20	
	Nominal Heating ²⁾			-		4.37		4.90	
Compressor	Type			-		SSC Scroll x 2		SSC Scroll x 2	
	Output			kW x n		(6.39x2)		(6.76x2)	
	Model Name			-		DS-GB066FAVB x 2		DS-GB070FAVA x 2	
	Oil			Type	-		PVE		PVE
Fan	Initial Charge			cc		2200		2200	
	Type			-		Propeller		Propeller	
	Output x n			W		620.0 x 2		620.0 x 2	
	Air Flow Rate			CMM	290		340		
				l/s	4,833.33		5,666.67		
	External Static Pressure			Max.	mmAq	8.00		8.00	
Pa					78.45		78.45		
Piping Connections	Liquid Pipe	Φ, mm		15.88		15.88			
		Φ, inch		5/8"		5/8"			
	Gas Pipe	Φ, mm		28.58		34.92			
		Φ, inch		1 1/8"		1 3/8"			
	Discharge Gas Pipe	Φ, mm		-		-			
		Φ, inch		-		-			
		Φ, mm		-		-			
	Oil Equalizing Pipe	Φ, inch		-		-			
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		8.40		14.00			
Sound ³⁾	Sound Pressure	dB(A)		65.0		69.0			
	Sound Power	dB(A)		89.0		90.0			
External Dimension	Net Weight	kg		285.0		342.0			
	Shipping Weight	kg		305.0		364.0			
	Net Dimensions (WxHxD)		mm		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		
Operating Temp. Range	Cooling	°C		-5.0 ~ 48.0		-5.0 ~ 48.0			
	Heating	°C		-25.0 ~ 24.0		-25.0 ~ 24.0			

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

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

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

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

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

4) 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.)

* PDM kit : Pressure Drop Modulation kit.

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

* These products contain R410A which is fluorinated greenhouse gas.



AM260KXVGGH/EU	AM280KXVGGH/EU
3,4380-415,50	3,4380-415,50
HEAT PUMP	HEAT PUMP
26.00	28.00
72.80	78.60
248,400	268,200
81.90	88.20
279,500	301,000
17.33	19.65
17.06	18.77
27.80	31.50
27.40	30.10
57.20 (MCA)	60.00 (MCA)
63.00	75.00
4.20	4.00
4.80	4.70
SSC Scroll x 2	SSC Scroll x 2
(7.81x2)	(7.81x2)
DS4GJ5080FVA x 2	DS4GJ5080FVA x 2
PVE	PVE
2800	2800
Propeller	Propeller
620.0 x 2	620.0 x 2
340	340
5,666.67	5,666.67
8.00	8.00
78.45	78.45
19.05	19.05
3/4"	3/4"
34.92	34.92
1 3/8"	1 3/8"
-	-
-	-
-	-
-	-
200	200
110.0	110.0
-	-
0.75 ~ 1.5	0.75 ~ 1.5
R410A	R410A
14.00	14.00
69.0	69.0
90.0	90.0
350.0	350.0
372.0	372.0
1,295 x 1,795 x 765	1,295 x 1,795 x 765
1,363 x 1,987 x 832	1,363 x 1,987 x 832
-5.0 ~ 48.0	-5.0 ~ 48.0
-25.0 ~ 24.0	-25.0 ~ 24.0

DVMS SPECIFICATION _Indoor Units



360 Cassette

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

360 Cassette					360 CST (Square)	360 CST (Circle)
Type					AM045KN4DEH/EU	AM045KN4DEH/EU
Model Code					AM045KN4DEH/EU	AM045KN4DEH/EU
Power Supply				Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
Mode				-	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		4.50	4.50
			Btu/h		15,400	15,400
		Heating	kW		5.00	5.00
			Btu/h		17,100	17,100
Power	Power Input (Nominal)	Cooling	W		26.00	26.00
		Heating	W		26.00	26.00
	Current Input (Nominal)	Cooling	A		0.18	0.18
		Heating	A		0.18	0.18
Fan	Type		mm ²		Turbo Fan	Turbo Fan
	Motor	Output x n	W		65 x 1	65 x 1
	Air Flow Rate	H/M/L (UL)	CMM		14.50/13.50/12.50	14.50/13.50/12.50
			l/s		241.67/225.00/208.33	241.67/225.00/208.33
	External Pressure	Min / Std / Max	mmAq		-	-
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 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-		R410A	R410A
	Control Method		-		EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)		33.0/31.0/29.0	33.0/31.0/29.0
	Sound Power	Cooling	dB(A)		50.0	50.0
Dimensions	Net Weight		kg		21.00	21.00
	Shipping Weight		kg		25.00	25.00
	Net Dimensions (W×H×D)		mm		947 x 281 x 947	947 x 281 x 947
	Shipping Dimensions (W×H×D)		mm		990 x 330 x 990	990 x 330 x 990
Panel Size	Panel model		-		PC4NUDMAN	PC4NUNMAN
	Panel Net Weight		kg		3.60	2.70
	Shipping Weight		kg		6.00	5.10
	Net Dimensions (W×H×D)		mm		1000 x 66 x 1000	1050 x 94 x 1050
	Shipping Dimensions (W×H×D)		mm		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		-		-	-

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

Optional Accessories





360 CST (Square)	360 CST (Circle)	360 CST (Square)	360 CST (Circle)
AM056KN4DEH/EU	AM056KN4DEH/EU	AM071KN4DEH/EU	AM071KN4DEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR	HP/HR
5.60	5.60	7.10	7.10
19,100	19,100	24,200	24,200
6.30	6.30	8.00	8.00
21,500	21,500	27,300	27,300
30.00	30.00	34.00	34.00
30.00	30.00	34.00	34.00
0.21	0.21	0.25	0.25
0.21	0.21	0.25	0.25
Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
65 x 1	65 x 1	65 x 1	65 x 1
16.00/14.50/13.50	16.00/14.50/13.50	18.00/16.00/14.00	18.00/16.00/14.00
266.67/241.67/225.00	266.67/241.67/225.00	300.00/266.67/233.33	300.00/266.67/233.33
-	-	-	-
-	-	-	-
6.35	6.35	9.52	9.52
1/4"	1/4"	3/8"	3/8"
12.70	12.70	15.88	15.88
1/2"	1/2"	5/8"	5/8"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
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
R410A	R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
34.0/32.0/29.0	34.0/32.0/29.0	36.0/33.0/30.0	36.0/33.0/30.0
51.0	51.0	53.0	53.0
21.00	21.00	21.00	21.00
25.00	25.00	25.00	25.00
947 x 281 x 947	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947
990 x 330 x 990	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990
PC4NUDMAN	PC4NUNMAN	PC4NUDMAN	PC4NUNMAN
3.60	2.70	3.60	2.70
6.00	5.10	6.00	5.10
1000 x 66 x 1000	1050 x 94 x 1050	1000 x 66 x 1000	1050 x 94 x 1050
1093 x 85 x 1083	1093 x 85 x 1083	1093 x 85 x 1083	1093 x 85 x 1083
-	-	-	-
-	-	-	-
-	-	-	-

Panel



PC4NUDMAN



PC4NBDMAN



PC4NUNMAN



PC4NBNMAN

DVMS SPECIFICATION _Indoor Units



360 Cassette

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

360 Cassette					360 CST (Square)	360 CST (Circle)	360 CST (Square)
Type					AM090KN4DEH/EU	AM090KN4DEH/EU	AM112KN4DEH/EU
Model Code					AM090KN4DEH/EU	AM090KN4DEH/EU	AM112KN4DEH/EU
Power Supply		Φ, #, V, Hz			1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-			HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		9.00	9.00	11.20
			Btu/h		30,700	30,700	38,200
		Heating	kW		10.00	10.00	12.50
			Btu/h		34,100	34,100	42,700
Power	Power Input (Nominal)	Cooling	W		55.00	55.00	53.00
		Heating			55.00	55.00	53.00
	Current Input (Nominal)	Cooling	A		0.42	0.42	0.41
		Heating			0.42	0.42	0.41
Fan	Type	mm ²			Turbo Fan	Turbo Fan	Turbo Fan
	Motor	Output x n		W	65 x 1	65 x 1	97 x 1
	Air Flow Rate	H/M/L (UL)	CMM		22.00/18.50/16.00	22.00/18.50/16.00	25.50/21.00/17.50
			l/s		366.67/308.33/266.67	366.67/308.33/266.67	425.00/350.00/291.67
	External Pressure	Min / Std / 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	15.88
			Φ, inch		5/8"	5/8"	5/8"
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 INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)		40.0/36.0/32.0	40.0/36.0/32.0	40.0/36.0/32.0
	Sound Power	Cooling	dB(A)		57.0	57.0	58.0
Dimensions	Net Weight	kg			21.00	21.00	24.00
	Shipping Weight	kg			25.00	25.00	29.00
	Net Dimensions (W×H×D)	mm			947 x 281 x 947	947 x 281 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 414 x 990
Panel Size	Panel model	-			PC4NUNDMAN	PC4NUNDMAN	PC4NUNDMAN
	Panel Net Weight	kg			3.60	2.70	3.60
	Shipping Weight	kg			6.00	5.10	6.00
	Net Dimensions (W×H×D)	mm			1000 x 66 x 1000	1050 x 94 x 1050	1000 x 66 x 1000
	Shipping Dimensions (W×H×D)	mm			1093 x 85 x 1083	1093 x 85 x 1083	1093 x 85 x 1083
	Drain pump	Drain pump	- / Model name		-	-	-
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h			-	-	-
	Air Filter	-			-	-	-

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

Optional Accessories





360 CST (Circle)	360 CST (Square)	360 CST (Circle)	360 CST (Square)	360 CST (Circle)
AM112KN4DEH/EU	AM128KN4DEH/EU	AM128KN4DEH/EU	AM140KN4DEH/EU	AM140KN4DEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
11.20	12.80	12.80	14.00	14.00
38,200	43,700	43,700	47,800	47,800
12.50	13.80	13.80	16.00	16.00
42,700	47,100	47,100	54,600	54,600
53.00	77.00	77.00	91.00	91.00
53.00	77.00	77.00	91.00	91.00
0.41	0.62	0.62	0.75	0.75
0.41	0.62	0.62	0.75	0.75
Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
97 x 1	97 x 1	97 x 1	97 x 1	97 x 1
25.50/21.00/17.50	29.50/24.00/19.00	29.50/24.00/19.00	31.50/26.50/21.00	31.50/26.50/21.00
425.00/350.00/291.67	491.67/400.00/316.67	491.67/400.00/316.67	525.00/441.67/350.00	525.00/441.67/350.00
-	-	-	-	-
-	-	-	-	-
9.52	9.52	9.52	9.52	9.52
3/8"	3/8"	3/8"	3/8"	3/8"
15.88	15.88	15.88	15.88	15.88
5/8"	5/8"	5/8"	5/8"	5/8"
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)
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
R410A	R410A	R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
40.0/36.0/32.0	42.0/38.0/33.0	42.0/38.0/33.0	44.0/40.0/35.0	44.0/40.0/35.0
58.0	60.0	60.0	61.0	61.0
24.00	24.00	24.00	24.00	24.00
29.00	29.00	29.00	29.00	29.00
947 x 365 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
990 x 414 x 990	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990
PC4NUNMAN	PC4NUDMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN
2.70	3.60	2.70	3.60	2.70
5.10	6.00	5.10	6.00	5.10
1050 x 94 x 1050	1000 x 66 x 1000	1050 x 94 x 1050	1000 x 66 x 1000	1050 x 94 x 1050
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
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Panel



PC4NUDMAN



PC4NBDMAN



PC4NUNMAN



PC4NBNMAN

DVMS SPECIFICATION _Indoor Units



4Way Cassette

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

4Way Cassette							
Model Code				AM045NN4DEH/EU		AM056NN4DEH/EU	
Power Supply				Φ, #, V, Hz		1,2,220-240,50	
Mode				-		HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	4.5		5.6	
			Btu/h	15,400		19,100	
		Heating	kW	5		6.3	
			Btu/h	17,100		21,500	
Power	Power Input (Nominal)	Cooling	W	32		32	
		Heating		32		32	
	Current Input (Nominal)	Cooling	A	0.22		0.22	
		Heating		0.22		0.22	
	Current	MCA	A	0.3		0.3	
		MFA		15		15	
	Heat Exchanger	Type	-	Fin & Tube		Fin & Tube	
		Material Fin	-	Al		Al	
		Material Tube	-	Cu		Cu	
		Fin Treatment	-	Green Hydrophile		Green Hydrophile	
Fan	Motor	Type	-	Turbo Fan		Turbo Fan	
		Quantity	ea	1		1	
	Air Flow Rate	H/M/L (UL)	CMM	` 14.5/13.5/12.5		15.0/14.0/13.0	
				l/s	242/225/208		250/233/217
	Fan Motor	Model	-	BLDC Motor		BLDC Motor	
Piping Connections	Liquid Pipe		Φ, mm	6.35		6.35	
			Φ, inch	1/4"		1/4"	
	Gas Pipe		Φ, mm	12.7		12.7	
			Φ, inch	1/2"		1/2"	
	Drain Pipe		Φ, mm	VP25 (OD 32,ID 25)		VP25 (OD 32,ID 25)	
	Refrigerant	Type	-	R410A		R410A	
Electronic Expansion Valve		-	EEV INCLUDED		EEV INCLUDED		
Sound	Sound Pressure	High / Mid / Low	dB(A)	33/32/30		33/32/30	
	Sound Power	Cooling	dB(A)	49		50	
External Dimension	Net Weight		kg	15		15	
	Net Dimensions (WxHxD)		mm	840 x 204 x 840		840 x 204 x 840	
Panel Size	Model Name		-	PC4NUFMAN		PC4NUFMAN	
	Type		-	Wind-Free Type		Wind-Free Type	
	Panel Net Weight		kg	6.3		6.3	
	Net Dimension (WxHxD)		mm	950 x 64 x 950		950 x 64 x 950	
Additional Accessories	Drain pump	Drain pump	- / Model name	INCLUDED		INCLUDED	
		Max. lifting Height / Displacement	mm / liter/h	750 / 24		750 / 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

Individual Controllers



MWR-WE13N



MWR-SH10N



MWR-SH00N



AR-EH03E



AM071NN4DEH/EU				
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
7.1	9	11.2	12.8	14
24,200	30,700	38,200	43,700	47,800
8	10	12.5	13.8	16
27,300	34,100	42,700	47,100	54,600
45	62	78	73	89
45	62	78	73	89
0.31	0.43	0.55	0.51	0.62
0	0	0.55	0.51	0.62
0.4	0.6	0.7	0.7	0.8
15	15	15	15	15
Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
Al	Al	Al	Al	Al
Cu	Cu	Cu	Cu	Cu
Green Hydrophile	Green Hydrophile	Green Hydrophile	Green Hydrophile	Green Hydrophile
Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
1	1	1	1	1
17.0/15.5/14.5	19.5/18.0/16.5	26.0/24.0/22.0	28.0/26.0/23.0	30.0/28.0/26.0
283/258/242	325/300/275	433/400/367	467/433/383	500/467/433
BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
65 x 1	65 x 1	65 x 1	97 x 1	97 x 1
9.52	9.52	9.52	9.52	9.52
3/8"	3/8"	3/8"	3/8"	3/8"
15.88	15.88	15.88	15.88	15.88
5/8"	5/8"	5/8"	5/8"	5/8"
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)
R410A	R410A	R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
35/34/33	39/36/33	40/38/35	42/40/35	44/41/35
54	57	57	58	60
15	15	16.5	18.5	18.5
840 x 204 x 840	840 x 246 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840
PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN
Wind-Free Type	Wind-Free Type	Wind-Free Type	Wind-Free Type	Wind-Free Type
6.3	6.3	6.3	6.3	6.3
950 x 64 x 950	950 x 64 x 950	950 x 64 x 950	950 x 64 x 950	950 x 64 x 950
INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
750 / 24	750 / 24	750 / 24	750 / 24	750 / 24

Panel



PC4NUSKAN



PC4NBSKAN



PC4NUSKEN



PC4NUFMAN

DVMS SPECIFICATION _Indoor Units



4Way Cassette (600x600)

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

4Way Cassette (600x600)

Model Code				AM022NNNDEH	AM028NNNDEH
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2	3
			Btu/h	7,500	9,600
		Heating	kW	2.5	3.2
			Btu/h	8,500	10,900
Power	Power Input (Nominal)	Cooling	W	18	18
		Heating	W	18	18
	Current Input (Nominal)	Cooling	A	0.17	0.17
		Heating	A	0.17	0.17
	Current	MCA	A	0.23	0.23
		MFA	A	15	15
	Heat Exchanger	Type	-	Fin & Tube	Fin & Tube
		Material Fin	-	Al	Al
		Material Tube	-	Cu	Cu
		Fin Treatment	-	Green Hydrophile	Green Hydrophile
Fan	Motor	Type	-	Turbo Fan	Turbo Fan
		Quantity	ea	1	1
	Air Flow Rate	H/M/L (UL)	CMM	9.0/7.7/6.5	10.0/8.5/7.5
			l/s	150/128/108	167/142/125
	Fan Motor	Model	-	BLDC Motor	BLDC Motor
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35
			Φ, inch	1/4"	1/4"
	Gas Pipe		Φ, mm	12.7	12.7
			Φ, inch	1/2"	1/2"
	Drain Pipe		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Refrigerant	Type	-		R410A	R410A
	Electronic Expansion Valve	-		EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	32/29/25	33/30/26
	Sound Power	Cooling	dB(A)	47	50
External Dimension	Net Weight	kg		12	12
	Net Dimensions (WxHxD)	mm		575 x 250 x 575	575 x 250 x 575
	Model Name	-		PC4SUFMAN	PC4SUFMAN
Panel Size	Type	-		Wind-Free Type	Wind-Free Type
	Panel Net Weight	kg		2.7	2.7
	Net Dimension (WxHxD)	mm		620 x 57 x 620	620 x 57 x 620
Additional Accessories	Drain pump	Drain pump	- / Model name	INCLUDED	INCLUDED
		Max. lifting Height / Displacement	mm / liter/h	750 / 24	750 / 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

Individual Controllers



MWR-WE13N



MWR-SH10N



MWR-SH00N



AR-EH03E



AM036NNNDEH	AM045NNNDEH	AM056NNNDEH	AM060NNNDEH
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR	HP/HR
3.6	4.5	5.6	6
12,300	15,400	19,100	20,500
4	5	6	7
13,600	17,100	21,500	23,200
20	23	28	31
20	23	28	31
0.19	0.22	0.27	0.3
0.19	0.22	0.27	0.3
0.25	0.29	0.35	0.39
15	15	15	15
Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
Al	Al	Al	Al
Cu	Cu	Cu	Cu
Green Hydrophile	Green Hydrophile	Green Hydrophile	Green Hydrophile
Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
1	1	1	1
10.5/9.0/7.5	11.5/10.2/9.0	13.0/11.0/9.5	13.5/12.0/10.2
175/150/125	192/170/150	217/183/158	225/200/170
BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
65 x 1	65 x 1	65 x 1	65 x 1
6.35	6.35	6.35	6.35
1/4"	1/4"	1/4"	1/4"
12.7	12.7	12.7	12.7
1/2"	1/2"	1/2"	1/2"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
R410A	R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
34/30/26	36/34/32	39/36/33	40/38/35
51	53	56	57
12	12	12	12
575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
Wind-Free Type	Wind-Free Type	Wind-Free Type	Wind-Free Type
2.7	2.7	2.7	2.7
620 x 57 x 620	620 x 57 x 620	620 x 57 x 620	620 x 57 x 620
INCLUDED	INCLUDED	INCLUDED	INCLUDED
750 / 24	750 / 24	750 / 24	750 / 24

Panel



PC4SUSMBN



PC4SUSMFN



PC4SUFMAN

DVMS SPECIFICATION _Indoor Units



1Way Cassette

- Fluid Pattern Design
- Slim and Compact Design
- Virus Doctor (Option)
- Quiet Operation
- No Overflowing Drain Water
- New Communication Protocol

1Way Cassette							
Model Code				AM022NN1DEH/EU		AM028NN1DEH/EU	
Power Supply				Φ, #, V, Hz		1,2,220-240,50	
Mode				-		HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	2.2		2.8	
			Btu/h	7,500		9,600	
		Heating	kW	2.5		3.2	
			Btu/h	8,500		10,900	
Power	Power Input (Nominal)	Cooling	W	40		45	
				Heating	40		45
	Current Input (Nominal)	Cooling	A		0.2		0.23
				Heating	0.2		0.23
	Current	MCA	A		0.25		0.29
				MFA	15		15
Fan	Motor	Type	-		Crossflow Fan		
			Air Flow Rate	H/M/L (UL)	m³/min	6.00/5.00/4.00	
	Fan Motor	Model			-		AC Motor
			Output x n	W		17 x 1	
Piping Connections	Liquid Pipe	Type		Φ, mm		Flare Connection	
			Φ, inch		6.35		
			Φ, inch		1/4"		
	Gas Pipe	Type	Φ, mm		Flare Connection		
			Φ, mm		12.7		
			Φ, inch		1/2"		
Refrigerant	Type	-		R410A			
	Electronic Expansion Valve	-		EEV INCLUDED			
Sound	Sound Pressure	High / Mid / Low	dB(A)	29 / 26 / 24		32 / 28 / 24	
	Sound Power	Cooling	dB(A)	47		50	
External Dimension	Net Weight	kg		10		10	
	Net Dimensions (WxHxD)	mm		970 x 135 x 410		970 x 135 x 410	
Panel Size	Model Name	-		PC1NWFMAN		PC1NWFMAN	
	Type	-		Wind Free		Wind Free	

* 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

Individual Controllers



MWR-WE13N



MWR-SH10N



MWR-SH00N



AR-EH03E

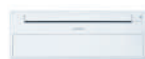


AM036NN1DEH/EU	AM056NN1DEH/EU	AM071NN1DEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR
3.6	5.6	7.1
12,300	19,100	24,200
4	6.3	8
13,600	21,500	27,300
50	55	80
50	55	80
0.25	0.28	0.4
0.25	0.28	0.4
0.31	0.35	0.5
15	15	15
Crossflow Fan	Crossflow Fan	Crossflow Fan
8.00/7.00/6.00	16.00/14.00/12.50	17.00/15.50/14.00
133.33/116.67/100.00	266.67/233.33/208.33	283.33/258.33/233.33
AC Motor	BLDC Motor	BLDC Motor
17 x 1	54 x 1	54 x 1
Flare Connection	Flare Connection	Flare Connection
6.35	6.35	9.52
1/4"	1/4"	3/8"
Flare Connection	Flare Connection	Flare Connection
12.7	12.7	15.88
1/2"	1/2"	5/8"
R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
37 / 33 / 30	41 / 38 / 35	42 / 39 / 36
55	59	60
10	13.5	13.5
970 x 135 x 410	1200 x 138 x 450	1200 x 138 x 450
PC1NWFMAN	PC1BWFMAN	PC1BWFMAN
Wind Free	Wind Free	Wind Free

Panel



PC1NUSMAN
PC1BWSEAN



PC1NUPMAN
PC1BWPEAN



PC1NWSMAN
PC1BWSMAN



PC1NWFMAN
PC1BWFMAN



DVMS SPECIFICATION _Indoor Units



2Way Cassette

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

2Way Cassette					
Model Code				AM056FN2DEH/EU	
Power Supply		Φ, #, V, Hz		1,2,220-240,50	
Mode		-		HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	5.60	
			Btu/h	19,100	
		Heating	kW	6.30	
			Btu/h	21,500	
Power	Power Input (Nominal)	Cooling	W	70.00	
		Heating		70.00	
	Current Input (Nominal)	Cooling	A	0.38	
		Heating		0.38	
Fan	Motor	Type	-	Crossflow Fan	
		Output x n	W	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	
	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	Drain Pipe	Φ, mm	VP25 (OD 32,ID 25)		
	Power Source Wire	mm ²	1.5 ~ 2.5		
	Transmission Cable	mm ²	0.75 ~ 1.50		
Refrigerant	Type	-	R410A		
	Control Method	-	EEV INCLUDED		
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.0/37.0/35.0	
	Sound Power	Cooling	dB(A)	62.0	
Dimensions	Net Weight		kg	21.00	
	Shipping Weight		kg	25.00	
	Net Dimensions (W×H×D)		mm	890 x 230 x 575	
	Shipping Dimensions (W×H×D)		mm	1077 x 299 x 642	
Panel Size	Panel model		-	PC2NUSMEN	
	Panel Net Weight		kg	4.00	
	Shipping Weight		kg	8.00	
	Net Dimensions (W×H×D)		mm	1030 x 25 x 650	
	Shipping Dimensions (W×H×D)		mm	1103 x 151 x 727	
Additional Accessories	Drain pump	Drain pump	- / Model name	-	
		Max. lifting Height / Displacement	mm / liter/h	-	
	Air Filter			-	-

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

Optional Accessories





AM071FN2DEH/EU	
	1,2,220-240,50
	HP/HR
	7.10
	24,200
	8.00
	27,300
	75.00
	75.00
	0.40
	0.40
	Crossflow Fan
	14 x 2
	15.00/14.00/13.00
	250.00/233.33/216.67
	-
	-
	9.52
	3/8"
	15.88
	5/8"
	VP25 (OD 32,ID 25)
	1.5 ~ 2.5
	0.75 ~ 1.50
	R410A
	EEV INCLUDED
	41.0/39.0/37.0
	65.0
	22.00
	26.00
	890 x 230 x 575
	1077 x 299 x 642
	PC2NUSMEN
	4.00
	8.00
	1030 x 25 x 650
	1103 x 151 x 727
	-
	-
	-

Panel



PC2NUSMEN

DVMS SPECIFICATION Indoor Units

HSP Duct



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

HSP Duct					AM112FNHDEH/EU	AM128FNHDEH/EU
Model Code						
Power Supply		Φ, #, V, Hz			1,2,220-240,50	1,2,220-240,50
Mode		-			HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		11.20	12.80
			Btu/h		38,200	43,700
		Heating	kW		12.50	13.80
			Btu/h		42,700	47,100
Power	Power Input (Nominal)	Cooling	W		305.00	333.00
		Heating	W		305.00	333.00
	Current Input (Nominal)	Cooling	A		2.35	2.58
		Heating	A		2.35	2.58
Fan	Motor	Type	-		Sirocco Fan	Sirocco Fan
		Output x n	W		183 x 2	183 x 2
	Air Flow Rate	H/M/L (UL)	CMM		32.00/27.00/23.00	35.00/31.00/28.00
			l/s		533.33/450.00/383.33	583.33/516.67/466.67
	External Pressure	Min / Std / Max	mmAq		5.00/10.00/20.00	5.00/10.00/20.00
			Pa		49.03/98.07/196.13	49.03/98.07/196.13
Piping Connections	Liquid Pipe	Φ, mm			9.52	9.52
		Φ, inch			3/8"	3/8"
	Gas Pipe	Φ, mm			15.88	15.88
		Φ, inch			5/8"	5/8"
Field Wiring	Drain Pipe	Φ, mm			VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	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)		43.0/41.0/39.0	45.0/43.0/42.0
	Sound Power	Cooling	dB(A)		72.0	74.0
Dimensions	Net Weight		kg		62.00	62.00
	Shipping Weight		kg		70.00	70.00
	Net Dimensions (W×H×D)		mm		1200 x 360 x 650	1200 x 360 x 650
	Shipping Dimensions (W×H×D)		mm		1447 x 425 x 769	1447 x 425 x 769
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-M075SGU2D	MDP-M075SGU2D
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-

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

Optional Accessories





AM140FNHDEH/EU	AM220FNHDEH/EU	AM280FNHDEH/EU	AM180JNHFKH/EU	AM224JNHFKH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
14.00	22.40	28.00	18.00	22.40
47,800	76,400	95,500	61,400	76,400
16.00	25.00	31.50	20.00	25.00
54,600	85,300	107,500	68,200	85,300
385.00	530.00	790.00	340.00	530.00
385.00	530.00	790.00	340.00	530.00
3.00	3.80	5.90	1.90	2.90
3.00	3.80	5.90	1.90	2.90
Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco	Sirocco
183 x 2	400 x 1	400 x 1	630 x 1	630 x 1
39.00/33.00/28.00	58.00/52.00/47.00	72.00/65.00/58.00	58.00/50.00/43.00	72.00/61.00/50.00
650.00/550.00/466.67	966.67/866.67/783.33	1,200.00/1,083.33/966.67	966.67/833.33/716.67	1,200.00/1,016.67/833.33
5.00/10.00/20.00	5.00/15.00/25.00	5.00/15.00/28.00	5.00/7.34/20.00	5.00/7.34/20.00
49.03/98.07/196.13	49.03/147.10/245.17	49.03/147.10/274.59	49.03/71.98/196.13	49.03/71.98/196.13
9.52	9.52	9.52	9.52	9.52
3/8"	3/8"	3/8"	3/8"	3/8"
15.88	19.05	22.22	19.05	19.05
5/8"	3/4"	7/8"	3/4"	3/4"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 25,ID 20)	VP25 (OD 25,ID 20)
1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	-	-
0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.5	0.75 ~ 1.5
R410A	R410A	R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
46.0/45.0/44.0	45.0/43.0/41.0	48.0/46.0/43.0	43.0/39.0/35.0	44.0/40.0/36.0
75.0	76.0	79.0	80.0	81.0
62.00	89.00	89.00	82.50	82.50
70.00	99.00	99.00	92.00	92.00
1200 x 360 x 650	1240 x 470 x 1040	1240 x 470 x 1040	1350 x 450 x 910	1350 x 450 x 910
1447 x 425 x 769	1507 x 558 x 1155	1507 x 558 x 1155	1612 x 519 x 984	1612 x 519 x 984
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
MDP-M075SGU2D	MDP-N047SNC1D	MDP-N047SNC1D	MDP-G075SP	MDP-G075SP
-	-	-	-	-
-	-	-	-	-

Drain
Pump



MDP-M075SGU2D
MDP-N047SNC1D

DVMS SPECIFICATION Indoor Units

MSP Duct



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

MSP Duct					AM022FNMDEH/EU	AM028FNMDEH/EU	AM036FNMDEH/EU
Model Code							
Power Supply					Φ, #, V, Hz		
Mode					-		
Performance	Capacity (Nominal)	Cooling	kW		HP/HR	HP/HR	HP/HR
			Btu/h		2.2	2.80	3.60
		Heating	kW		7,500	9,600	12,300
			Btu/h		2.5	3.20	4.00
Power	Power Input (Nominal)	Cooling	W		8,500	10,900	13,600
					80	80.00	85.00
	Current Input (Nominal)	Cooling	A		80	80.00	85.00
					0.4	0.40	0.55
Fan	Motor	Type	-		0.4	0.40	0.55
			Sirocco Fan		0.40	0.40	0.55
	Output x n	W	-		69 x 1	69 x 1	112 x 1
			CMM		8.50/7.50/6.30	10.00/9.20/7.50	12.00/10.20/8.80
Piping Connections	Air Flow Rate	H/M/L (UL)	I/s		141.67/125.00/105.00	166.67/153.33/125.00	200.00/170.00/146.67
			mmAq		0.00/2.00/6.00	0.00/2.00/6.00	0.00/2.00/6.00
	External Pressure	Min / Std / Max	Pa		0.00/19.61/58.84	0.00/19.61/58.84	0.00/19.61/58.84
					0.00/19.61/58.84	0.00/19.61/58.84	0.00/19.61/58.84
Field Wiring	Liquid Pipe	Φ, mm	6.35		6.35	6.35	6.35
			1/4"		1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	12.7		12.70	12.70	12.70
			1/2"		1/2"	1/2"	1/2"
Refrigerant	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
			1.5 ~ 2.5		1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Power Source Wire	mm ²	0.75 ~ 1.50		0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²		0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Sound	Type	-	R410A		R410A	R410A	R410A
			EEV INCLUDED		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Control Method	-	23.0/21.0/19.0		24.0/22.0/19.0	29.0/27.0/24.0	29.0/27.0/24.0
			dB(A)		47	48.0	60.0
Dimensions	Sound Power	Cooling	dB(A)		23.5	23.50	23.50
			kg		28	28.00	28.00
	Net Weight	kg	900 x 199 x 600		900 x 199 x 600	900 x 199 x 600	900 x 199 x 600
			mm		1150 x 280 x 710	1150 x 280 x 710	1150 x 280 x 710
Panel Size	Shipping Weight	kg	-		-	-	-
			-		-	-	-
	Net Dimensions (W×H×D)	mm	-		-	-	-
			-		-	-	-
Additional Accessories	Shipping Dimensions (W×H×D)	mm	-		-	-	-
			-		-	-	-
	Drain pump	- / Model name	MDP-E075SEE3D		MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
			-		-	-	-
Air Filter	mm / liter/h	-	-		-	-	-
			-		-	-	-

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

Optional Accessories





AM045FNMDEH/EU			AM056FNMDEH/EU			AM071FNMDEH/EU		
1,2,220-240,50			1,2,220-240,50			1,2,220-240,50		
HP/HR			HP/HR			HP/HR		
4.50			5.60			7.10		
15,400			19,100			24,200		
5.00			6.30			8.00		
17,100			21,500			27,300		
125.00			130.00			190.00		
125.00			130.00			190.00		
1.15			1.10			1.25		
1.15			1.10			1.25		
Sirocco Fan			Sirocco Fan			Sirocco Fan		
219 x1			124 x1			124 x1		
14.00/12.00/10.50			14.50/13.00/11.50			18.50/17.00/15.50		
233.33/200.00/175.00			241.67/216.67/191.67			308.33/283.33/258.33		
0.00/4.00/8.00			0.00/4.00/8.00			0.00/4.00/8.00		
0.00/39.23/78.45			0.00/39.23/78.45			0.00/39.23/78.45		
6.35			6.35			9.52		
1/4"			1/4"			3/8"		
12.70			12.70			15.88		
1/2"			1/2"			5/8"		
VP25 (OD 32,ID 25)			VP25 (OD 32,ID 25)			VP25 (OD 32,ID 25)		
1.5 ~ 2.5			1.5 ~ 2.5			1.5 ~ 2.5		
0.75 ~ 1.50			0.75 ~ 1.50			0.75 ~ 1.50		
R410A			R410A			R410A		
EEV INCLUDED			EEV INCLUDED			EEV INCLUDED		
32.0/30.0/28.0			35.0/33.0/31.0			39.0/35.0/31.0		
63.0			66.0			71.0		
29.00			29.00			29.00		
33.00			33.00			33.00		
900 x 260 x 480			900 x 260 x 480			900 x 260 x 480		
1170 x 340 x 595			1170 x 340 x 595			1170 x 340 x 595		
-			-			-		
-			-			-		
-			-			-		
-			-			-		
-			-			-		
MDP-M07SSGU3D			MDP-M07SSGU3D			MDP-M07SSGU3D		
-			-			-		
-			-			-		

Drain
Pump



MDP-E07SSEE3D
MDP-M07SSGU1D
MDP-M07SSGU2D
MDP-M07SSGU3D

DVMS SPECIFICATION _Indoor Units

MSP Duct



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

MSP Duct					AM090FNMDEH/EU	AM112FNMDEH/EU
Model Code						
Power Supply		Φ, #, V, Hz			1,2,220-240,50	1,2,220-240,50
Mode		-			HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		9.00	11.20
			Btu/h		30,700	38,200
		Heating	kW		10.00	12.50
			Btu/h		34,100	42,700
Power	Power Input (Nominal)	Cooling	W		240.00	260.00
		Heating	W		240.00	260.00
	Current Input (Nominal)	Cooling	A		1.30	1.17
		Heating	A		1.30	1.17
Fan	Motor	Type	-		Sirocco Fan	Sirocco Fan
		Output x n	W		130 x 1	130 x 1
	Air Flow Rate	H/M/L (UL)	CMM		19.50/18.00/16.50	27.00/25.00/23.00
			l/s		325.00/300.00/275.00	450.00/416.67/383.33
	External Pressure	Min / Std / Max	mmAq		4.00/6.00/8.00	4.00/8.00/12.00
			Pa		39.23/58.84/78.45	39.23/78.45/117.68
Piping Connections	Liquid Pipe	Φ, mm			9.52	9.52
		Φ, inch			3/8"	3/8"
	Gas Pipe	Φ, mm			15.88	15.88
		Φ, inch			5/8"	5/8"
Field Wiring	Drain Pipe	Φ, mm			VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
	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)		40.0/37.0/34.0	41.0/40.0/38.0
	Sound Power	Cooling	dB(A)		71.0	72.0
Dimensions	Net Weight		kg		34.00	36.00
	Shipping Weight		kg		39.00	42.00
	Net Dimensions (W×H×D)		mm		1150 x 260 x 480	1150 x 320 x 480
	Shipping Dimensions (W×H×D)		mm		1420 x 340 x 595	1420 x 400 x 595
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	- / Model name			MDP-M075SGU1D	MDP-M075SGU1D
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-

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

Optional Accessories

Individual Controllers



MWR-WE11N



MWR-SH10N



MWR-SH00N



MR-EH00



MRK-A10N



AM128FNMDEH/EU	AM140FNMDEH/EU	AM160KNMDEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR
12.80	14.00	16.00
43,700	47,800	54,600
13.80	16.00	18.00
47,100	54,600	61,400
370.00	410.00	485.00
370.00	410.00	485.00
1.67	1.86	2.24
1.67	1.86	2.24
Sirocco Fan	Sirocco Fan	Sirocco Fan
218 x 1	218 x 1	370 x 1
32.00/30.00/28.00	37.00/34.00/31.00	43.00/38.00/30.50
533.33/500.00/466.67	616.67/566.67/516.67	716.67/633.33/508.33
4.00/8.00/14.00	4.00/8.00/14.00	4.00/8.00/14.00
39.23/78.45/137.29	39.23/78.45/137.29	39.23/78.45/137.29
9.52	9.52	9.52
3/8"	3/8"	3/8"
15.88	15.88	15.88
5/8"	5/8"	5/8"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
41.0/40.0/38.0	42.0/39.0/36.0	43.0/40.0/36.0
72.0	73.0	69.0
52.00	52.00	-
59.00	59.00	-
1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650
1480 x 420 x 790	1480 x 420 x 790	1480 x 420 x 790
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
MDP-M07SSGU2D	MDP-M07SSGU2D	MDP-M07SSGU2D
-	-	-
-	-	-

Drain
Pump



MDP-E07SSEE3D
MDP-M07SSGU1D
MDP-M07SSGU2D
MDP-M07SSGU3D

DVMS SPECIFICATION _Indoor Units

MSP Duct



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

MSP Duct - Drain Pump Included

Model Code				AM022KNMDEH/EU	AM028KNMDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.2	2.8
			Btu/h	7,500	9,600
		Heating	kW	2.5	3.2
			Btu/h	8,500	10,900
Power	Power Input (Nominal)	Cooling	W	80	80
		Heating	W	80	80
	Current Input (Nominal)	Cooling	A	0.4	0.4
		Heating	A	0.4	0.4
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output x n	W	69 x 1	69 x 1
	Air Flow Rate	H/M/L (UL)	CMM	8.50/7.50/6.30	10.00/9.20/7.50
			l/s	141.67/125.00/105.00	166.67/153.33/125.00
	External Pressure	Min / Std / Max	mmAq	0.00/2.00/6.00	0.00/2.00/6.00
			Pa	0.00/19.61/58.84	0.00/19.61/58.84
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	12.7	12.7	12.7
		Φ, inch	1/2"	1/2"	1/2"
Field Wiring	Drain Pipe	Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
	Power Source Wire	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type	-	R410A	R410A	R410A
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	23.0/21.0/19.0	24.0/22.0/19.0
	Sound Power	Cooling	dB(A)	47	48
Dimensions	Net Weight		kg	24	24
	Shipping Weight		kg	29	29
	Net Dimensions (W×H×D)		mm	900 x 199 x 600	900 x 199 x 600
	Shipping Dimensions (W×H×D)		mm	1150 x 280 x 710	1150 x 280 x 710
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	Drain pump Included	Drain pump Included
		Max. lifting Height / Displacement	mm / liter/h	-	-
	Air Filter		-	-	-

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

Optional Accessories





AM036KNMDEH/EU	AM045KNMDEH/EU	AM056KNMDEH/EU	AM071KNMDEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR	HP/HR
3.6	4.5	5.6	7.1
12,300	15,400	19,100	24,200
4	5	6.3	8
13,600	17,100	21,500	27,300
85	125	130	190
85	125	130	190
0.55	1.15	1.1	1.25
0.55	1.15	1.1	1.25
Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
112 x 1	219 x 1	124 x 1	124 x 1
12.00/10.20/8.80	14.00/12.00/10.50	14.50/13.00/11.50	18.50/17.00/15.50
200.00/170.00/146.67	233.33/200.00/175.00	241.67/216.67/191.67	308.33/283.33/258.33
0.00/2.00/6.00	0.00/4.00/8.00	0.00/4.00/8.00	0.00/4.00/8.00
0.00/19.61/58.84	0.00/39.23/78.45	0.00/39.23/78.45	0.00/39.23/78.45
6.35	6.35	6.35	9.52
1/4"	1/4"	1/4"	3/8"
12.7	12.7	12.7	15.88
1/2"	1/2"	1/2"	5/8"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
R410A	R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
29.0/27.0/24.0	32.0/30.0/28.0	35.0/33.0/31.0	39.0/35.0/31.0
53	54	57	61
24	28.5	28.5	28.5
29	33	33	33
900 x 199 x 600	900 x 260 x 480	900 x 260 x 480	900 x 260 x 480
1150 x 280 x 710	1170 x 340 x 595	1170 x 340 x 595	1170 x 340 x 595
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
Drain pump Included	Drain pump Included	Drain pump Included	Drain pump Included
-	-	-	-
-	-	-	-

DVMS SPECIFICATION Indoor Units



MSP Duct

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

MSP Duct - Drain Pump Included

Model Code				AM090KNMDEH/EU	AM112KNMDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	9	11.2
			Btu/h	30,700	38,200
		Heating	kW	10	12.5
			Btu/h	34,100	42,700
Power	Power Input (Nominal)	Cooling	W	240	260
		Heating	W	240	260
	Current Input (Nominal)	Cooling	A	1.3	1.17
		Heating	A	1.3	1.17
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output x n	W	130 x 1	130 x 1
	Air Flow Rate	H/M/L (UL)	CMM	19.50/18.00/16.50	27.00/25.00/23.00
			l/s	325.00/300.00/275.00	450.00/416.67/383.33
	External Pressure	Min / Std / Max	mmAq	4.00/6.00/8.00	4.00/8.00/12.00
Piping Connections	Liquid Pipe		mm	9.52	9.52
			inch	3/8"	3/8"
	Gas Pipe		mm	15.88	15.88
			inch	5/8"	5/8"
Field Wiring	Drain Pipe		mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	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)	40.0/37.0/34.0	41.0/40.0/38.0
	Sound Power	Cooling	dB(A)	63	66
Dimensions	Net Weight		kg	32.5	36
	Shipping Weight		kg	37.5	41
	Net Dimensions (W×H×D)		mm	1150 x 260 x 480	1150 x 320 x 480
	Shipping Dimensions (W×H×D)		mm	1420 x 340 x 595	1420 x 400 x 595
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	Drain pump Included	Drain pump Included
		Max. lifting Height / Displacement	mm / liter/h	-	-
	Air Filter	-		-	-

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

Optional Accessories

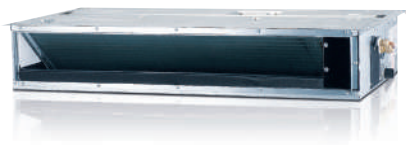




AM128KNMDEH/EU			AM140KNMDEH/EU			AM160KNMDEH1EU		
1,2,220-240,50			1,2,220-240,50			1,2,220-240,50		
HP/HR			HP/HR			HP/HR		
12.8			14			16		
43,700			47,800			54,600		
13.8			16			18		
47,100			54,600			61,400		
370			410			485		
370			410			485		
1.67			1.86			2.24		
1.67			1.86			2.24		
Sirocco Fan			Sirocco Fan			Sirocco Fan		
218 x 1			218 x 1			370 x 1		
32.00/30.00/28.00			37.00/34.00/31.00			43.00/38.00/30.50		
533.33/500.00/466.67			616.67/566.67/516.67			716.67/633.33/508.33		
4.00/8.00/14.00			4.00/8.00/14.00			4.00/8.00/14.00		
39.23/78.45/137.29			39.23/78.45/137.29			39.23/78.45/137.29		
9.52			9.52			9.52		
3/8"			3/8"			3/8"		
15.88			15.88			15.88		
5/8"			5/8"			5/8"		
VP25 (OD 32,ID 25)			VP25 (OD 32,ID 25)			VP25 (OD 32,ID 25)		
1.5 ~ 2.5			1.5 ~ 2.5			1.5 ~ 2.5		
0.75 ~ 1.50			0.75 ~ 1.50			0.75 ~ 1.50		
R410A			R410A			R410A		
EEV INCLUDED			EEV INCLUDED			EEV INCLUDED		
41.0/40.0/38.0			42.0/39.0/36.0			43.0/40.0/36.0		
66			68			69		
48.5			48.5			50.5		
57			57			59		
1200 x 360 x 650			1200 x 360 x 650			1200 x 360 x 650		
1480 x 420 x 790			1480 x 420 x 790			1480 x 420 x 790		
-			-			-		
-			-			-		
-			-			-		
-			-			-		
-			-			-		
Drain pump Included			Drain pump Included			Drain pump Included		
-			-			-		
-			-			-		

DVMS SPECIFICATION Indoor Units

SLIM Duct



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

SLIM Duct					AM022FNLDEH/EU	AM028FNLDEH/EU
Model Code						
Power Supply		Φ, #, V, Hz			1,2,220-240,50	1,2,220-240,50
Mode		-			HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		2.20	2.80
			Btu/h		7,500	9,600
		Heating	kW		2.50	3.20
			Btu/h		8,500	10,900
Power	Power Input (Nominal)	Cooling	W		55.00	60.00
		Heating	W		55.00	60.00
	Current Input (Nominal)	Cooling	A		0.30	0.32
		Heating	A		0.30	0.32
Fan	Motor	Type	-		Sirocco Fan	Sirocco Fan
		Output x n	W		69 x 1	-
	Air Flow Rate	H/M/L (UL)	CMM		7.00/6.10/5.30	7.50/6.60/5.60
			l/s		116.67/101.67/88.33	125.00/110.00/93.33
	External Pressure	Min / Std / Max	mmAq		0.00/1.00/3.00	0.00/1.00/3.00
			Pa		0.00/9.81/29.42	0.00/9.81/29.42
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			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)		26.0/24.0/21.0	28.0/26.0/23.0
	Sound Power	Cooling	dB(A)		49.0	49.0
Dimensions	Net Weight		kg		19.00	19.00
	Shipping Weight		kg		23.00	23.00
	Net Dimensions (W×H×D)		mm		700 x 199 x 600	700 x 199 x 600
	Shipping Dimensions (W×H×D)		mm		950 x 270 x 710	950 x 270 x 710
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	- / Model name			MDP-E075SEE3D	MDP-E075SEE3D
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-

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

Optional Accessories





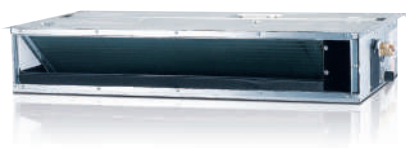
AM036FNLDEH/EU	AM045FNLDEH/EU	AM056FNLDEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR
3.60	4.50	5.60
12,300	15,400	19,100
4.00	5.00	6.30
13,600	17,100	21,500
65.00	90.00	95.00
65.00	90.00	95.00
0.33	0.52	0.53
0.33	0.52	0.53
Sirocco Fan	Sirocco Fan	Sirocco Fan
-	-	-
7.50/6.60/5.60	11.00/9.60/8.30	12.00/10.50/9.00
125.00/110.00/93.33	183.33/160.00/138.33	200.00/175.00/150.00
0.00/1.00/3.00	0.00/2.00/4.00	0.00/2.00/4.00
0.00/9.81/29.42	0.00/19.61/39.23	0.00/19.61/39.23
6.35	6.35	6.35
1/4"	1/4"	1/4"
12.70	12.70	12.70
1/2"	1/2"	1/2"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
32.0/30.0/27.0	35.0/31.0/26.0	36.0/34.0/31.0
51.0	53.0	55.0
19.50	23.50	23.50
23.50	28.00	28.00
700 x 199 x 600	900 x 199 x 600	900 x 199 x 600
950 x 270 x 710	1150 x 280 x 710	1150 x 280 x 710
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
-	-	-
-	-	-

Drain
Pump



MDP-E075SEE3D

DVMS SPECIFICATION Indoor Units



SLIM Duct

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

SLIM Duct					AM071FNLDEH/EU	AM090FNLDEH/EU
Model Code						
Power Supply		Φ, #, V, Hz			1,2,220-240,50	1,2,220-240,50
Mode		-			HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		7.10	9.00
			Btu/h		24,200	30,700
		Heating	kW		8.00	10.00
			Btu/h		27,300	34,100
Power	Power Input (Nominal)	Cooling	W		120.00	170.00
		Heating	W		120.00	170.00
	Current Input (Nominal)	Cooling	A		0.60	0.96
		Heating	A		0.60	0.96
Fan	Motor	Type	-		Sirocco Fan	Sirocco Fan
		Output x n	W		-	-
	Air Flow Rate	H/M/L (UL)	CMM		16.50/15.00/13.50	29.00/27.00/25.00
			l/s		275.00/250.00/225.00	483.33/450.00/416.67
	External Pressure	Min / Std / Max	mmAq		0.00/2.00/4.00	0.00/3.00/6.00
			Pa		0.00/19.61/39.23	0.00/29.42/58.84
Piping Connections	Liquid Pipe	Φ, mm			9.52	9.52
		Φ, inch			3/8"	3/8"
	Gas Pipe	Φ, mm			15.88	15.88
		Φ, inch			5/8"	5/8"
Field Wiring	Drain Pipe	Φ, mm			VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	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)		38.0/36.0/33.0	37.0/36.0/34.0
	Sound Power	Cooling	dB(A)		57.0	66.0
Dimensions	Net Weight		kg		30.00	44.00
	Shipping Weight		kg		35.00	52.00
	Net Dimensions (W×H×D)		mm		1100 x 199 x 600	1300 x 295 x 690
	Shipping Dimensions (W×H×D)		mm		1350 x 280 x 710	1575 x 370 x 835
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
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-

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

Optional Accessories





AM112FNLDEH/EU	AM128FNLDEH/EU	AM140FNLDEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR
11.20	12.80	14.00
38,200	43,700	47,800
12.50	13.80	16.00
42,700	47,100	54,600
170.00	200.00	220.00
170.00	200.00	220.00
0.96	1.28	1.43
0.96	1.28	1.43
Sirocco Fan	Sirocco Fan	Sirocco Fan
-	-	-
31.20/29.00/27.00	34.00/32.00/30.00	36.00/34.00/32.00
520.00/483.33/450.00	566.67/533.33/500.00	600.00/566.67/533.33
0.00/3.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00
0.00/29.42/58.84	0.00/29.42/58.84	0.00/29.42/58.84
9.52	9.52	9.52
3/8"	3/8"	3/8"
15.88	15.88	15.88
5/8"	5/8"	5/8"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
37.0/36.0/34.0	37.0/36.0/34.0	39.0/38.0/36.0
66.0	66.0	68.0
44.00	46.00	46.00
52.00	54.00	54.00
1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690
1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
-	-	-
-	-	-

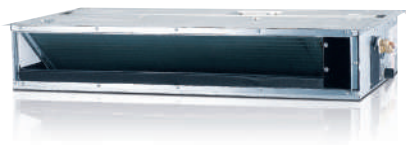
Drain
Pump



MDP-E075SEE3D

DVMS SPECIFICATION Indoor Units

SLIM Duct



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

SLIM Duct - Drain Pump Included

Model Code				AM022KNLDEH/EU	AM028KNLDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.2	2.8
			Btu/h	7,500	9,600
		Heating	kW	2.5	3.2
			Btu/h	8,500	10,900
Power	Power Input (Nominal)	Cooling	W	30	34
		Heating	W	30	36
	Current Input (Nominal)	Cooling	A	0.25	0.28
		Heating	A	0.25	0.3
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output x n	W	69 x 1	69 x 1
	Air Flow Rate	H/M/L (UL)	CMM	6.00/4.90/3.80	7.05/5.15/4.35
			l/s	100.00/81.67/63.33	117.50/85.83/72.50
	External Pressure	Min / Std / Max	mmAq	0.00/1.00/3.00	0.00/1.00/3.00
Piping Connections	Liquid Pipe		Pa	0.00/9.81/29.42	0.00/9.81/29.42
			Φ, mm	6.35	6.35
	Gas Pipe		Φ, inch	1/4"	1/4"
			Φ, mm	12.7	12.7
	Drain Pipe		Φ, inch	1/2"	1/2"
Field Wiring	Power Source Wire		Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
			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)	26.0/23.0/22.0	28.0/26.0/24.0
	Sound Power	Cooling	dB(A)	42	44
Dimensions	Net Weight		kg	15.3	15.3
	Shipping Weight		kg	18.2	18.2
	Net Dimensions (W×H×D)		mm	700 x 199 x 440	700 x 199 x 440
	Shipping Dimensions (W×H×D)		mm	949 x 280 x 544	949 x 280 x 544
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	Drain pump Included	Drain pump Included
		Max. lifting Height / Displacement	mm / liter/h	-	-
	Air Filter	-		-	-

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

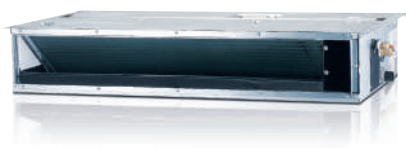
Optional Accessories





AM036KNLDEH/EU	AM045KNLDEH/EU	AM056KNLDEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR
3.6	4.5	5.6
12,300	15,400	19,100
4	5	6.3
13,600	17,100	21,500
40	90	95
42	90	95
0.33	0.52	0.53
0.35	0.52	0.53
Sirocco Fan	Sirocco Fan	Sirocco Fan
69 x 1	-	-
8.20/6.50/4.90	11.00/9.60/8.30	12.00/10.50/9.00
136.67/108.33/81.67	183.33/160.00/138.33	200.00/175.00/150.00
0.00/1.00/3.00	0.00/2.00/4.00	0.00/2.00/4.00
0.00/9.81/29.42	0.00/19.61/39.23	0.00/19.61/39.23
6.35	6.35	6.35
1/4"	1/4"	1/4"
12.7	12.7	12.7
1/2"	1/2"	1/2"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
31.0/28.0/25.0	35.0/31.0/26.0	36.0/34.0/31.0
46	53	55
15.7	24.5	24.5
18.6	29	29
700 x 199 x 440	900 x 199 x 600	900 x 199 x 600
949 x 280 x 544	1150 x 280 x 710	1150 x 280 x 710
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
Drain pump Included	Drain pump Included	Drain pump Included
-	-	-
-	-	-

DVMS SPECIFICATION _Indoor Units



SLIM Duct

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

SLIM Duct - Drain Pump Included

Model Code				AM071KNLDEH/EU		AM090KNLDEH/EU	
Power Supply			Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50	
Mode			-	HP/HR		HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	7.1		9	
			Btu/h	24,200		30,700	
		Heating	kW	8		10	
			Btu/h	27,300		34,100	
Power	Power Input (Nominal)	Cooling	W	120		170	
		Heating		120		170	
	Current Input (Nominal)	Cooling	A	0.6		0.96	
		Heating		0.6		0.96	
Fan	Motor	Type	-	Sirocco Fan		Sirocco Fan	
		Output x n	W	-		-	
	Air Flow Rate	H/M/L (UL)	CMM	16.50/15.00/13.50		29.00/27.00/25.00	
			l/s	275.00/250.00/225.00		483.33/450.00/416.67	
	External Pressure	Min / Std / Max	mmAq	0.00/2.00/4.00		0.00/3.00/6.00	
			Pa	0.00/19.61/39.23		0.00/29.42/58.84	
Piping Connections	Liquid Pipe	Φ, mm	9.52		9.52		
		Φ, inch	3/8"		3/8"		
	Gas Pipe	Φ, mm	15.88		15.88		
		Φ, inch	5/8"		5/8"		
	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 INCLUDED		EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.0/36.0/33.0		37.0/36.0/34.0	
	Sound Power	Cooling	dB(A)	57		66	
Dimensions	Net Weight		kg	30.5		40.5	
	Shipping Weight		kg	35.5		48	
	Net Dimensions (W×H×D)		mm	1100 x 199 x 600		1300 x 295 x 690	
	Shipping Dimensions (W×H×D)		mm	1350 x 280 x 710		1575 x 370 x 835	
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	Drain pump Included		Drain pump Included	
		Max. lifting Height / Displacement	mm / liter/h	-		-	
	Air Filter		-	-		-	

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

Optional Accessories





AM112KNLDEH/EU	AM128KNLDEH/EU	AM140KNLDEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR
11.2	12.8	14
38,200	43,700	47,800
12.5	13.8	16
42,700	47,100	54,600
170	200	220
170	200	220
0.96	1.28	1.43
0.96	1.28	1.43
Sirocco Fan	Sirocco Fan	Sirocco Fan
-	-	-
31.20/29.00/27.00	34.00/32.00/30.00	36.00/34.00/32.00
520.00/483.33/450.00	566.67/533.33/500.00	600.00/566.67/533.33
0.00/3.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00
0.00/29.42/58.84	0.00/29.42/58.84	0.00/29.42/58.84
9.52	9.52	9.52
3/8"	3/8"	3/8"
15.88	15.88	15.88
5/8"	5/8"	5/8"
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
37.0/36.0/34.0	37.0/36.0/34.0	39.0/38.0/36.0
66	66	68
40.5	42	42
48	49.5	49.5
1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690
1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
Drain pump Included	Drain pump Included	Drain pump Included
-	-	-
-	-	-

DVMS SPECIFICATION _Indoor Units



AR5000

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

AR5000					AM022JNVDKH/EU	AM028JNVDKH/EU
Model Code						
Power Supply		Φ, #, V, Hz			1,2,220-240,50/60	1,2,220-240,50/60
Mode		-			HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		2.20	2.80
			Btu/h		7,500	9,600
		Heating	kW		2.50	3.20
			Btu/h		8,500	10,900
Power	Power Input (Nominal)	Cooling	W		15.00	16.00
		Heating	W		18.00	24.00
	Current Input (Nominal)	Cooling	A		0.13	0.13
		Heating	A		0.15	0.19
Fan	Motor	Type	-		Crossflow Fan	Crossflow Fan
		Output x n	W		27 x 1	27 x 1
	Air Flow Rate	H/M/L (UL)	CMM		5.40/4.70/4.00	5.70/5.00/4.30
			l/s		90.00/78.33/66.67	95.00/83.33/71.67
	External Pressure	Min / Std / Max	mmAq		-	-
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		ID 18 HOSE	ID 18 HOSE
	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)		33.0/29.0/25.0	36.0/31.0/25.0
	Sound Power	Cooling	dB(A)		50.0	53.0
Dimensions	Net Weight		kg		8.10	8.20
	Shipping Weight		kg		9.70	9.80
	Net Dimensions (W×H×D)		mm		750 x 249 x 246	750 x 249 x 246
	Shipping Dimensions (W×H×D)		mm		800 x 298 x 302	800 x 298 x 302
Panel Size	Panel model		-		-	-
	Panel Net Weight		kg		-	-
	Shipping Weight		kg		-	-
	Net Dimensions (W×H×D)		mm		-	-
	Shipping Dimensions (W×H×D)		mm		-	-
Additional Accessories	Drain pump	Drain pump	- / Model name		-	-
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-

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

Optional Accessories

Individual Controllers



MWR-WE11N



MWR-SH10N



MWR-SH00N



MR-EH00



AM036JNVDKH/EU	AM045JNVDKH/EU	AM056JNVDKH/EU	AM071JNVDKH/EU	AM082JNVDKH/EU
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
HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
3.60	4.50	5.60	7.10	8.20
12,300	15,400	19,100	24,200	28,000
4.00	5.00	6.30	8.00	8.50
13,600	17,100	21,500	27,300	29,000
20.00	31.00	27.00	41.00	55.00
28.00	41.00	37.00	53.00	72.00
0.15	0.24	0.21	0.31	0.42
0.20	0.31	0.29	0.41	0.55
Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
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
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
-	-	-	-	-
-	-	-	-	-
6.35	6.35	6.35	9.52	9.52
1/4"	1/4"	1/4"	3/8"	3/8"
12.70	12.70	12.70	15.88	15.88
1/2"	1/2"	1/2"	5/8"	5/8"
ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
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
R410A	R410A	R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
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
54.0	57.0	57.0	61.0	65.0
9.80	9.60	14.60	14.60	14.60
11.70	11.20	17.00	17.00	17.00
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
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
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

DVMS SPECIFICATION _Indoor Units



New Boracay – E

- Clean-cut Front Panel
- Bottom Opening Front Panel
- New Communication Protocol

Neo Forte					AM022KNQDEH/EU	AM028KNQDEH/EU
Model Code						
Power Supply					1,2,220-240,50	1,2,220-240,50
Mode					HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		2.2	2.8
			Btu/h		7,500	9,600
		Heating	kW		2.5	3.2
			Btu/h		8,500	10,900
Power	Power Input (Nominal)	Cooling	W		32	38
		Heating	W		35	39
	Current Input (Nominal)	Cooling	A		0.2	0.22
		Heating	A		0.2	0.22
Fan	Motor	Type	-		Crossflow Fan	Crossflow Fan
		Output x n	W		19 x 1	19 x 1
	Air Flow Rate	H/M/L (UL)	CMM		6.60/5.70/5.10	7.00/6.20/5.50
			l/s		110.00/95.00/85.00	116.67/103.33/91.67
Piping Connections	Liquid Pipe		mmAq		-	-
			Pa		-	-
	Gas Pipe		Φ, mm		6.35	6.35
			Φ, inch		1/4"	1/4"
Field Wiring	Drain Pipe		Φ, mm		12.7	12.7
			Φ, inch		1/2"	1/2"
	Power Source Wire		mm ²		ID 18 HOSE	ID 18 HOSE
			mm ²		1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Transmission Cable		mm ²		0.75 ~ 1.5	0.75 ~ 1.5
			mm ²		0.75 ~ 1.5	0.75 ~ 1.5
	Type		-		R410A	R410A
	Control Method		-		EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)		31.0/28.0/25.0	31.0/29.0/26.0
		Cooling	dB(A)		48	48
	Net Weight		kg		8.5	9
			kg		10.2	10.6
Dimensions	Shipping Weight		mm		820 x 285 x 227	820 x 285 x 227
			mm		880 x 363 x 280	880 x 363 x 280
	Net Dimensions (W×H×D)		mm		-	-
			mm		-	-
Panel Size	Shipping Weight		kg		-	-
			kg		-	-
	Net Dimensions (W×H×D)		mm		-	-
			mm		-	-
Additional Accessories	Drain pump	- / Model name	-		-	-
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-
			-		-	-

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

Optional Accessories





AM036KNQDEH/EU	AM045KNQDEH/EU	AM056KNQDEH/EU	AM071KNQDEH/EU
1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
HP/HR	HP/HR	HP/HR	HP/HR
3.6	4.5	5.6	6.8
12,300	15,400	19,100	23,200
4	5	6.3	7
13,600	17,100	21,500	23,900
42	47	48	51
42	47	48	53
0.23	0.27	0.27	0.28
0.23	0.27	0.27	0.28
Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
19 x 1	28 x 1	28 x 1	28 x 1
8.50/7.50/6.60	13.90/12.40/11.20	14.40/12.90/11.20	15.70/14.10/12.90
141.67/125.00/110.00	231.67/206.67/186.67	240.00/215.00/186.67	261.67/235.00/215.00
-	-	-	-
-	-	-	-
6.35	6.35	6.35	9.52
1/4"	1/4"	1/4"	3/8"
12.7	12.7	12.7	15.88
1/2"	1/2"	1/2"	5/8"
ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
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
R410A	R410A	R410A	R410A
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
36.0/33.0/29.0	38.0/35.0/33.0	39.0/36.0/33.0	40.0/38.0/35.0
51	53	53	55
9	12.5	12.5	12.5
10.6	14.5	14.5	14.5
820 x 285 x 227	1065 x 298 x 243	1065 x 298 x 243	1065 x 298 x 243
880 x 363 x 280	1128 x 378 x 299	1128 x 378 x 299	1128 x 378 x 299
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

DVMS SPECIFICATION _Indoor Units



Ceiling

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

Ceiling					AM056FNCDEH/EU	AM071FNCDEH/EU
Model Code						
Power Supply		Φ, #, V, Hz			1,2,220-240,50	1,2,220-240,50
Mode		-			HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW		5.60	7.10
			Btu/h		19,100	24,200
		Heating	kW		6.30	8.00
			Btu/h		21,500	27,300
Power	Power Input (Nominal)	Cooling	W		72.00	80.00
		Heating	W		72.00	77.00
	Current Input (Nominal)	Cooling	A		0.33	0.35
		Heating	A		0.28	0.29
Fan	Motor	Type	-		Sirocco Fan	Sirocco Fan
		Output x n	W		60 x 1	120 x 1
	Air Flow Rate	H/M/L (UL)	CMM		14.00/13.00/12.00	18.00/16.50/15.00
			l/s		233.33/216.67/200.00	300.00/275.00/250.00
	External Pressure	Min / Std / Max	mmAq		-	-
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		ID 18 HOSE	ID 18 HOSE
	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)		40.0/37.0/34.0	44.0/42.0/40.0
	Sound Power	Cooling	dB(A)		60.0	63.0
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		-	-
	Shipping Dimensions (W×H×D)		mm		-	-
Additional Accessories	Drain pump	Drain pump	- / Model name		-	-
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-

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

Optional Accessories

Individual Controllers



MWR-WE11N



MWR-SH10N



MWR-SH00N



MR-EH00



Big Ceiling

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

Big Ceiling					AM112JNCDKH/EU	AM140JNCDKH/EU
Model Code					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		11.20	14.00
			Btu/h		38,200	47,800
		Heating	kW		12.50	16.00
			Btu/h		42,700	54,600
Power	Power Input (Nominal)	Cooling	W		92.00	160.00
		Heating	W		80.00	160.00
	Current Input (Nominal)	Cooling	A		0.94	1.45
		Heating	A		0.83	1.45
Fan	Motor	Type	-		Sirocco Fan	Sirocco Fan
		Output x n	W		260 x 1	355 x 1
	Air Flow Rate	H/M/L (UL)	CMM		29.30/23.90/18.50	36.40/30.80/26.00
			l/s		488.33/398.33/308.33	606.67/513.33/433.33
	External Pressure	Min / Std / Max	mmAq		-	-
Piping Connections	Liquid Pipe	Φ, mm			9.52	9.52
		Φ, inch			3/8"	3/8"
	Gas Pipe	Φ, mm			15.88	15.88
		Φ, inch			5/8"	5/8"
Field Wiring	Drain Pipe		Φ, mm		VP25 (OD 25,ID 20)	VP25 (OD 25,ID 20)
	Power Source Wire		mm ²		1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²		0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-		R410A	R410A
	Control Method		-		EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)		45.0/41.0/37.0	46.0/43.0/38.0
	Sound Power	Cooling	dB(A)		61.0	63.0
Dimensions	Net Weight		kg		33.50	42.50
	Shipping Weight		kg		39.50	48.50
	Net Dimensions (W×H×D)		mm		1350 x 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		-	-
	Shipping Dimensions (W×H×D)		mm		-	-
Additional Accessories	Drain pump	- / Model name			-	-
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-

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

Optional Accessories



DVMS SPECIFICATION _Indoor Units



Console

- 2way air outlets
- Silent Operation
- New Communication

Console					AM028FN/DEH/EU
Model Code					
Power Supply		Φ, #, V, Hz			1,2,220-240,50
Mode		-			HP/HR
Performance	Capacity (Nominal)	Cooling	kW		2.8
			Btu/h		9,600
		Heating	kW		3.2
			Btu/h		10,900
Power	Power Input (Nominal)	Cooling	W		30
		Heating			30
	Current Input (Nominal)	Cooling	A		0.25
		Heating			0.25
Fan	Motor	Type	-		Turbo Fan
		Output x n	W		37 x 1
	Air Flow Rate	H/M/L (UL)	CMM		7.00/6.00/5.00
			l/s		116.67/100.00/83.33
	External Pressure	Min / Std / Max	mmAq		-
			Pa		-
Piping Connections	Liquid Pipe		Φ, mm		6.35
			Φ, inch		1/4"
	Gas Pipe		Φ, mm		12.7
			Φ, inch		1/2"
Field Wiring	Drain Pipe		Φ, mm		ID 18 HOSE
	Power Source Wire		mm ²		1.5 ~ 2.5
	Transmission Cable		mm ²		0.75 ~ 1.50
Refrigerant	Type		-		R410A
	Control Method		-		EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)		38.0/36.0/34.0
	Sound Power	Cooling	dB(A)		58
Dimensions	Net Weight		kg		16
	Shipping Weight		kg		21
	Net Dimensions (W×H×D)		mm		720 x 620 x 199
	Shipping Dimensions (W×H×D)		mm		810 x 710 x 295
Panel Size	Panel model		-		-
	Panel Net Weight		kg		-
	Shipping Weight		kg		-
	Net Dimensions (W×H×D)		mm		-
	Shipping Dimensions (W×H×D)		mm		-
Additional Accessories	Drain pump	Drain pump	- / Model name		-
		Max. lifting Height / Displacement	mm / liter/h		-
	Air Filter		-		-

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

Optional Accessories

Individual Controllers



MWR-WE11N



MWR-SH10N



MWR-SH00N



MR-EH00



AM036FNJDEH/EU		AM056FNJDEH/EU	
1,2,220-240,50		1,2,220-240,50	
HP/HR		HP/HR	
3.6		5.6	
12,300		19,100	
4		6.3	
13,600		21,500	
35		62	
35		62	
0.29		0.49	
0.29		0.49	
Turbo Fan		Turbo Fan	
37 x 1		37 x 1	
8.50/7.50/6.50		13.00/11.50/10.00	
141.67/125.00/108.33		216.67/191.67/166.67	
-		-	
-		-	
6.35		6.35	
1/4"		1/4"	
12.7		12.7	
1/2"		1/2"	
ID 18 HOSE		ID 18 HOSE	
1.5~2.5		1.5~2.5	
0.75~1.50		0.75~1.50	
R410A		R410A	
EEV INCLUDED		EEV INCLUDED	
39.0/37.0/34.0		43.0/40.0/37.0	
59		64	
16		16	
21		21	
720 x 620 x 199		720 x 620 x 199	
810 x 710 x 295		810 x 710 x 295	
-		-	
-		-	
-		-	
-		-	
-		-	
-		-	
-		-	
-		-	

DVMS SPECIFICATION _Indoor Units



Concealed Floor Standing

- Ideal for installation beneath a window
- Ideal for perimeter refurbishments
- New Communication Protocol

Concealed Floor Standing

Model Code				AM036FNFDEH/EU	AM056FNFDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	3.60	5.60
			Btu/h	12,300	19,100
		Heating	kW	4.00	6.30
			Btu/h	13,600	21,500
Power	Power Input (Nominal)	Cooling	W	50.00	110.00
		Heating	W	50.00	110.00
	Current Input (Nominal)	Cooling	A	0.24	0.53
		Heating	A	0.24	0.53
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output x n	W	-	-
	Air Flow Rate	H/M/L (UL)	CMM	10.00/8.50/6.00	15.50/14.00/11.00
			l/s	166.67/141.67/100.00	258.33/233.33/183.33
	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	12.70	12.70	12.70
		Φ, inch	1/2"	1/2"	1/2"
Field Wiring	Drain Pipe	Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
	Power Source Wire	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type	-	R410A	R410A	R410A
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	37.0/32.0/27.0	40.0/36.0/32.0
	Sound Power	Cooling	dB(A)	64.0	67.0
Dimensions	Net Weight		kg	23.00	28.50
	Shipping Weight		kg	27.00	33.30
	Net Dimensions (W×H×D)		mm	945 x 600 x 220	1225 x 600 x 220
	Shipping Dimensions (W×H×D)		mm	1035 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	-	-
	Shipping Dimensions (W×H×D)		mm	-	-
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-
	Air Filter		-	-	-

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

Optional Accessories





PAC

Medium

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

Large

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

PAC						
Model Code					AM140JNPDKH/TK	AM280JNPDKH/TK
Power Supply				Φ, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50
Mode				-	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	T1 (kW)	14.00	28.00	
			T3 (kW)	47,800	95,500	
		Heating	T1 (kW)	16.00	31.50	
			T3 (kW)	54,600	107,500	
Power	Power Input (Nominal)	Cooling	T1 (W)	190.00	955.00	
			T3 (W)	190.00	955.00	
		Heating	T1 (W)	0.90	4.73	
	Current Input (Nominal)		T1 (A)	0.90	4.73	
		T3 (A)	Sirocco Fan	Sirocco Fan		
		T1 (A)	154 x 1	700 x 1		
Fan	Type	-		35.00/30.50/27.50	70.00/60.00/50.00	
	Motor	Output x n	W	583.33/508.33/458.33	1,166.67/1,000.00/833.33	
	Air Flow Rate	H/M/L (UL)	CMM	-	-	
			l/s	-	-	
	External Pressure	Min / Std / Max	mmAq	9.52	9.52	
			Pa	3/8"	3/8"	
Piping Connections	Liquid Pipe	Φ, mm		15.88	22.22	
		Φ, inch		5/8"	7/8"	
	Gas Pipe	Φ, mm		ID 18 HOSE	ID 18 HOSE	
		Φ, inch		2.5	2.5	
Field Wiring	Drain Pipe	Φ, mm		VCTF 0.75 ~ 1.5	VCTF 0.75 ~ 1.5	
	Power Source Wire	mm ²		R410A	R410A	
	Transmission Cable	mm ²		EEV INCLUDED	EEV INCLUDED	
Refrigerant	Type	-		54.0/-/47.0	58.0/-/54.0	
	Control Method	-		-	-	
Sound	Sound Pressure	High	dB(A)	48.00	115.00	
Dimensions	Net Weight	kg		55.00	130.00	
	Shipping Weight	kg		610 x 1850 x 400	1100 x 1800 x 485	
	Net Dimensions (W×H×D)	mm		705 x 1963 x 493	1177 x 1950 x 563	
	Shipping Dimensions (W×H×D)	mm		-	-	
Panel Size	Panel model	-		-	-	
	Panel Net Weight	kg		-	-	
	Shipping Weight	kg		-	-	
	Net Dimensions (W×H×D)	mm		-	-	
	Shipping Dimensions (W×H×D)	mm		-	-	
Additional Accessories	Drain pump	Drain pump	- / Model name	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	
	Air Filter			-	-	

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

* These products contain R410A which is fluorinated greenhouse gas.

Optional Accessories



DVMS SPECIFICATION Indoor Units



OAP Duct

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

OAP Duct (Outdoor Air Processing Duct)

Model Code				AM140JNEPEH/EU	AM220JNEPEH/EU	AM280JNEPEH/EU
Power Supply				1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				-	-	-
Performance	Capacity (Nominal)	Cooling ²⁾	kW	HP/HR	HP/HR	HP/HR
			Btu/h	14.00	22.40	28.00
		Heating ²⁾	kW	47,800	76,400	95,500
			Btu/h	8.90	13.90	17.40
Power	Power Input (Nominal)	Cooling ¹⁾	W	30,400	47,400	59,400
		Heating ²⁾	W	220.00	300.00	370.00
	Current Input (Nominal)	Cooling ¹⁾	A	220.00	300.00	370.00
		Heating ²⁾	A	1.60	2.20	3.00
Fan	Type	-		Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor	Output x n	W	183 x 1	400 x 1	400 x 1
	Air Flow Rate	H/M/L (UL)	CMM	18.00/-/-	28.00/-/-	35.00/-/-
			l/s	300.00/-/-	466.67/-/-	583.33/-/-
	External Pressure	Min / Std / Max	mmAq	5.00/20.39/25.00	10.00/23.45/25.00	10.00/25.49/27.50
			Pa	49.03/199.96/245.17	98.07/229.97/245.17	98.07/249.97/269.68
Piping Connections	Liquid Pipe	Φ, mm		9.52	9.52	9.52
		Φ, inch		3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm		15.88	19.05	22.22
		Φ, inch		5/8"	3/4"	7/8"
Field Wiring	Drain Pipe	Φ, mm		VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
	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 INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	42.0/-/-	46.0/-/-	47.0/-/-
	Sound Power	Cooling	dB(A)	65.0	66.0	69.0
Dimensions	Net Weight	kg		51.00	85.00	85.00
	Shipping Weight	kg		61.00	95.00	95.00
	Net Dimensions (W×H×D)	mm		1110 x 390 x 650	1240 x 470 x 1040	1240 x 470 x 1040
	Shipping Dimensions (W×H×D)	mm		1335 x 512 x 829	1507 x 558 x 1155	1507 x 558 x 1155
Panel Size	Panel model	-		-	-	-
	Panel Net Weight	kg		-	-	-
	Shipping Weight	kg		-	-	-
	Net Dimensions (W×H×D)	mm		-	-	-
	Shipping Dimensions (W×H×D)	mm		-	-	-
Additional Accessories	Drain pump	Drain pump	- / Model name	MDP-N047SNC0D	MDP-N047SNC1D	MDP-N047SNC1D
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-	-

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

* These products contain R410A which is fluorinated greenhouse gas.

Optional Accessories

Individual Controllers



MWR-WE10N

Drain Pump



MDP-M07SSGU2D
MDP-N047SNC1D



ERV Plus

- Slim Design
- Virus Doctor (Optional)
- Direct Expansion (DX) Coil
- New Diamond Type Element
- New Communication Protocol

ERV Plus					AM050FNKDEH/EU	AM100FNKDEH/EU
Model Code						
Power Supply		Φ , #, V, Hz			1,2,208-230,60	1,2,208-230,60
Mode		-			HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling ²⁾	kW		3.60	7.10
			Btu/h		12,300	24,200
		Heating ²⁾	kW		4.00	8.00
			Btu/h		13,600	27,300
Power	Power Input (Nominal)	Cooling ¹⁾	W		220.00	510.00
		Heating ²⁾			220.00	510.00
	Current Input (Nominal)	Cooling ¹⁾	A		1.70	3.70
		Heating ²⁾			1.70	3.70
Fan	Motor	Type	-		Siroco Fan / BLDC	Siroco Fan / BLDC
		Output x n	W		60 x 2	70 x 2
	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	Drain Pipe		Φ , mm		VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
	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)		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		-	-
	Shipping Dimensions (W×H×D)		mm		-	-
Additional Accessories	Drain pump	Drain pump	- / Model name		-	-
		Max. lifting Height / Displacement	mm / liter/h		-	-
	Air Filter		-		-	-

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

Optional Accessories

Individual
Controllers



MWR-WE10N

Control System

Overview

Samsung Control System offers convenient, centralized control of individual indoor units or entire groups of multiple units. Using a variety of controls, users can centrally manage and control multiple functions for the units.

Integrated management

Samsung's Integrated Management System provides the easiest way to manage a large number of air conditioning units at once. This integrated system helps users control, monitor, manage and maintain every little detail of their air conditioning needs.

Supporting convenient and optimized management, Samsung's Integrated Management System is an ideal solution for managing large and middle-sized buildings with many indoor and outdoor units.

Building management

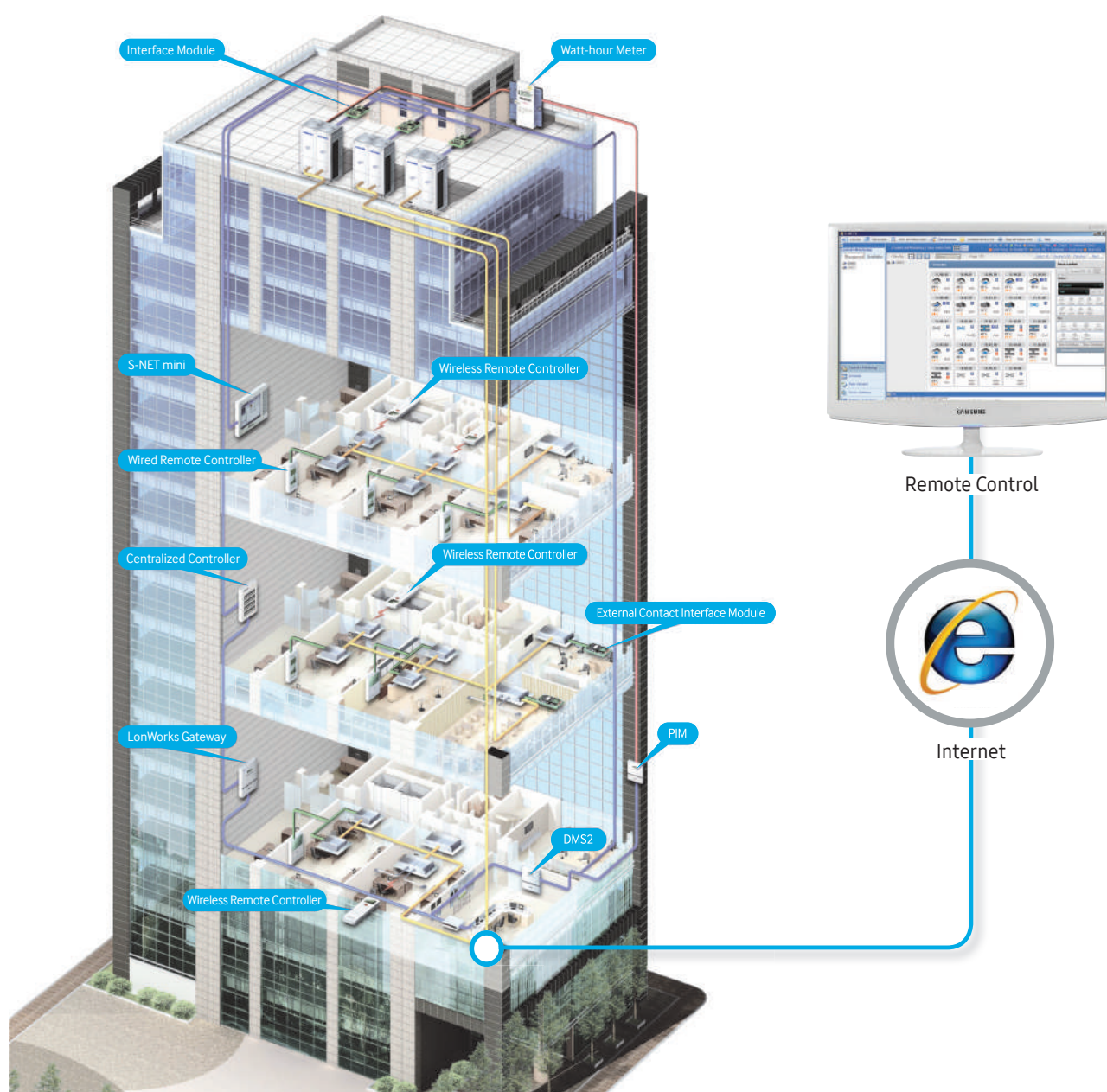
Samsung Building Management System (BMS) makes it possible to control and monitor the air conditioning network using the remote control and monitoring function. Optimum control keeps the air conditioning system efficient, saves energy, reduces maintenance costs and extends the lifespan of the units.

Applications tailored to your needs

Samsung System Air Conditioner products include a full spectrum of offerings so users can find the most convenient, efficient air conditioning system to suit their needs.

System controller

Samsung's control system offers various control options for indoor units. Users can control multiple units individually or simultaneously in groups to optimize convenience. On/Off controllers or interface modules.



Control System _Individual control

Wireless Remote Controller | MR-EH00/AR-KH00E

- On/Off, Operation Mode, Fan Speed, Airflow, Temperature Setting
- Simple schedule control
- Individual blade control for 4way cassette models
- Multi-channel wireless remote control (maximum 4 channels)
- AR-EH03E / AR-EC03E (For Wind-Free™ Cassette)



Wired Remote Controller | MWR-WE10N / MWR-WE11N

- On/Off, Operation Mode, Fan Speed, Airflow, Temperature Setting
- Individual and group control (maximum 16 indoor units)
- Error display
- Built-in Room Temperature sensor
- Automatic stop mode
- Wireless remote control restriction
- Unified controller (AC, ERV, ERV PLUS, AHU)
- Different permission levels
- Weekly schedule setting (A/C, ERV, A/C+ERV)
- Exception date setting
- Individual blade control for 4way cassette models
- MWR-WW00N (for DVM S Hydro)
- MWR-WE11N (For 360 Cassette)
- MWR-WE13N (For Wind-Free™ Cassette)



Simplified Wired Remote Controller | MWR-SH00N/MWR-SH10N

- On/Off, Operation Mode, Fan Speed, Airflow, Temperature Setting
- Individual and group control (maximum 16 indoor units)
- Error display
- Mode selection protection
- Touch screen control (MWR-SH10N)



Wi-Fi Control Module | MIM-H03N

- Control via mobile app (available to download)
- On/Off, Operation Mode, Fan Speed, Airflow, Temperature Setting
- 7-Day schedule setting
- Energy monitoring



Wireless Signal Receiver | MRK-A10N

- On/Off control
- Operation indication
- Error indication
- Filter replacement sign
- Use with receiver wire, MRW-10A



External Room Sensor | MRW-TA

- External sensor to sense exact user environment temperature
- Wire length: 12m



S-NET 3

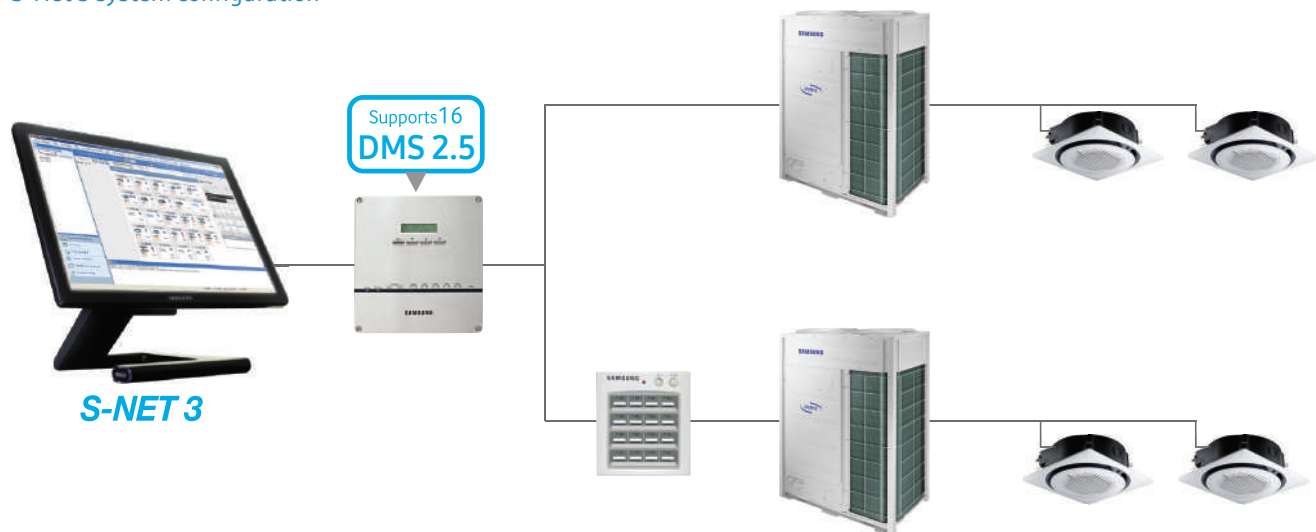
Control multiple buildings with ease through centralized data management

S-NET 3 manages a group of buildings through data management servers (DMS 2) that individually manage each building. This Internet-based management system supports flexible, complete control of a wide variety of applications, providing users:

- Fully integrated PC management software
- Up to 16 DMS 2 connections through the Ethernet
- Centralized management of up to 4,096 indoor units
- Schedule and zone control
- Error and operation history management
- Power distribution management and analysis



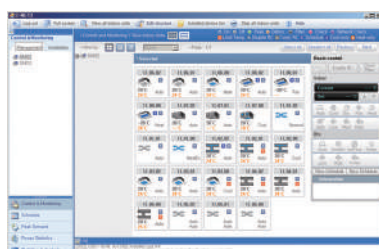
S-Net 3 system configuration



S-NET 3 _Integrated, complete control

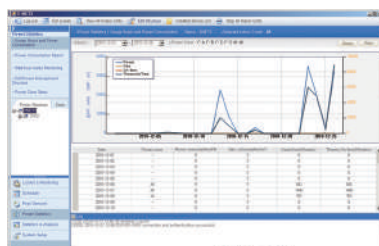
Control and monitoring

Users can control and monitor up to 4,096 indoor units, including ERV, ERV PLUS and AHU. Wireless and wired remote control restrictions provide greater oversight of operations. A temperature limit setting, operation mode lock and multiple/full indoor unit selection extend the range of control. Plus, an icon-based indoor unit display mode enables easy, more intuitive usability.



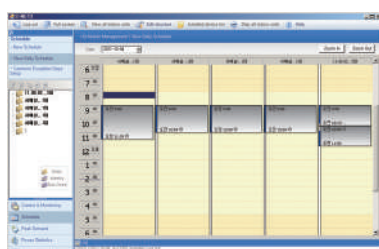
Power distribution management

Users can ensure optimal power usage with a data query for power distribution and operation times. Administrators can then generate and print power distribution reports for a complete survey of operations. For more specific output, S-NET 3 includes time section settings for different electricity rates and a group setting for the power distribution summary.



Schedule control

S-NET 3 provides easy-to-read graphical schedule settings, enabling administrators to schedule operation weekly or daily or exclude dates with the exception date setting.



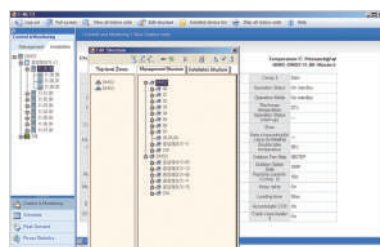
History management

S-NET 3 offers error and event history management, as well as report generation and printing, so users can readily identify and resolve issues. The indoor unit also supports operation history management.

Event No.	Event Date	Event Time	Event Type	Event Description	Event Status	Event Location
1	2019-03-04	10:00:00	Error	Indoor unit 101 error	Completed	Room 101
2	2019-03-04	10:05:00	Event	Indoor unit 101 operation	In Progress	Room 101
3	2019-03-04	10:10:00	Error	Indoor unit 102 error	Completed	Room 102
4	2019-03-04	10:15:00	Event	Indoor unit 102 operation	In Progress	Room 102

Zone management

With S-NET 3, users can customize the management structure regardless of the installation structure. They can also create and edit control zones and manage the tree structure for the control zones.



Cycle monitoring

S-NET 3 enables users to monitor outdoor / indoor unit cycle data. (The monitoring function is supported only on specific outdoor unit models.)

Unit No.	Unit Name	Unit Type	Unit Model	Unit Status	Unit Location
101	Room 101	Indoor	ERV-101	Operational	Room 101
102	Room 102	Indoor	ERV-102	Operational	Room 102
103	Room 103	Indoor	ERV-103	Operational	Room 103
104	Room 104	Indoor	ERV-104	Operational	Room 104

DMS 2.5

Streamline management with smart, automated control

The improved Samsung DMS (Data Management Server) 2.5 is now smarter. It can manage a variety of different air conditioning units, and the newly upgraded functions can automatically manage the air conditioning system for users. Key features include:

- Built-in web server for PC-independent management and remote access control
- Multiple upper-level control access (S-NET 3, Web-client)
- Central management of up to 256 indoor units including ERV, ERV PLUS, AHU, DVM CHILLER and FCU Kit
- User editable control logic
- Accessible level management
- Dynamic security management
- Operation and error history management
- Weekly / Daily schedule control
- Power distribution function
- Current time management even during power failure (for 24 hours)
- Data storage in non-volatile memory and SD memory
- Emergency stop function with simple contract interface



DMS configuration



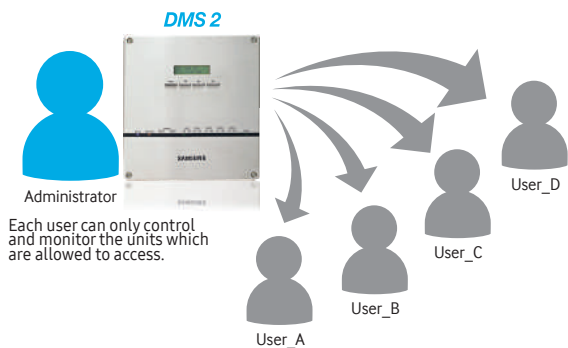


2019-03-04 00:45:01

DMS 2.5 _Easy management

Accessible level management

DMS 2 enables administrators to specify the scope of unit control and monitoring by each user.



Control for unoccupied room

DMS 2.5 offers useful function for accommodations. Using this function, manager can keep the room temperature when guest goes out for a while. And manager can pre-cool or pre-heat the room temperature before guest enters the room.



Dynamic security management

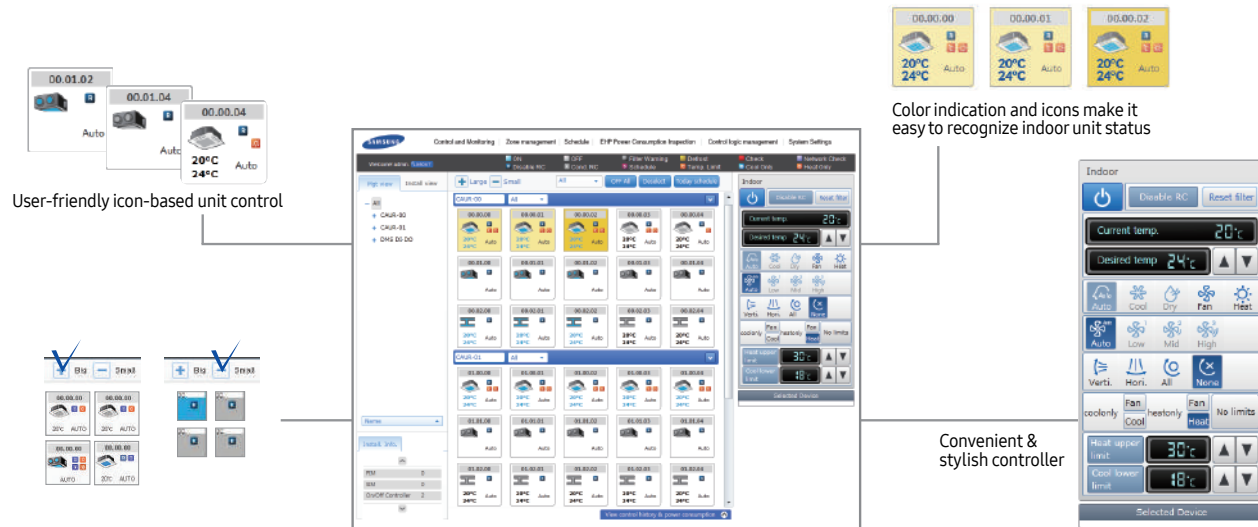
General users, managers, and administrators can be registered separately by ID and password. Administrators (utility managers) have the authority to set access levels for DMS 2 functions on users.

Functions	Admin	Manager	User
	Access All	Changeable	
Control/ Monitoring	0	0	0
Zone management	0	0	X
Schedule	0	0	0
Power distribution	0	0	X
System configuration	0	X	X

DMS 2.5 _Intuitive monitoring

Enhanced graphical display

DMS 2.5 simplifies the task of monitoring system operations with its vibrant, intuitive graphical display. Icon-based, color-coded unit control makes it easy to recognize indoor unit status, while a handy, stylish controller makes management even more convenient.



Powerful data backup

Critical data is safely stored on the DMS 2.5 SD memory card, including:

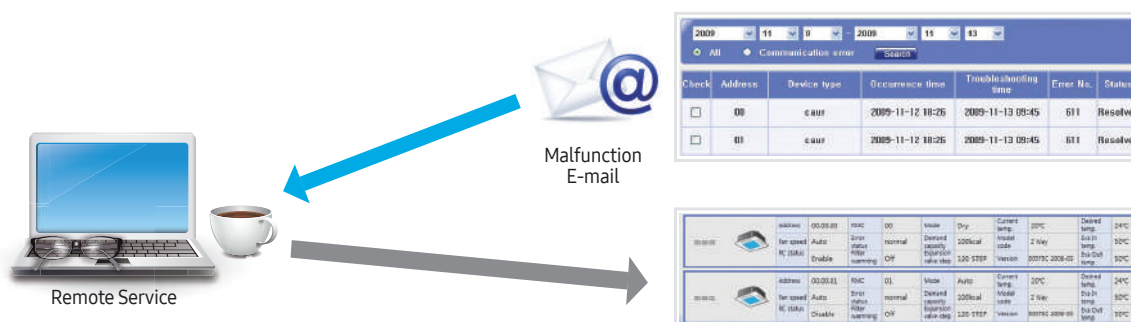
- Indoor/outdoor unit name
- Power distribution data
- Operation history
- DMS power on/off history
- System configuration



DMS 2.5 _Responsive, efficient service

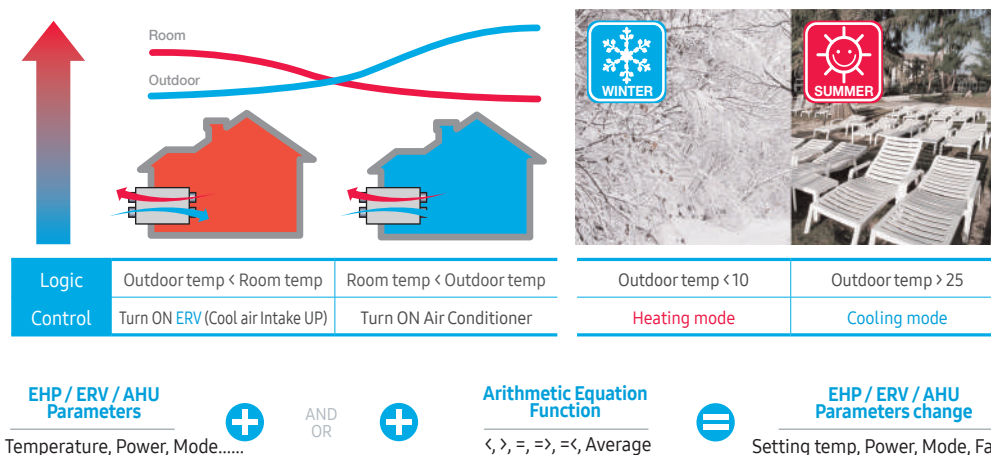
Rapid, easy service response

DMS 2.5 provides easy remote control and monitoring through the Internet. Users can receive an email notification to a private Internet account in the event of a malfunction.



User editable control logic

Users can edit control logic with arithmetic and conditional operators and parameters. Energy can be efficiently used and reduced for various operation conditions.



*Example : Energy saving function, operation adjustment depending on outdoor temperature.

DMS 2.5 _Extended, zoned management

Useful history management

DMS 2.5 records indoor unit operation and error occurrence history. Recorded history makes it convenient to analyze air-conditioner operation and perform unit maintenance.



Operation History

1. Operation On/Off execution time
2. Daily accumulated operation on time
3. Schedule operation execution time

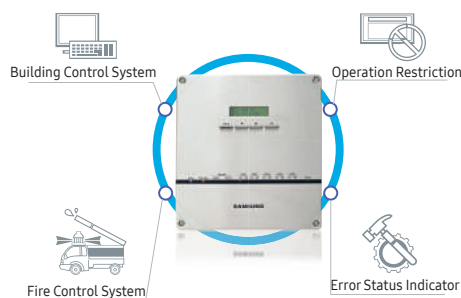


Error History

1. Error occurred unit name
2. Error details
3. Error occurrence/clear time
4. Error state (solved / unsolved)

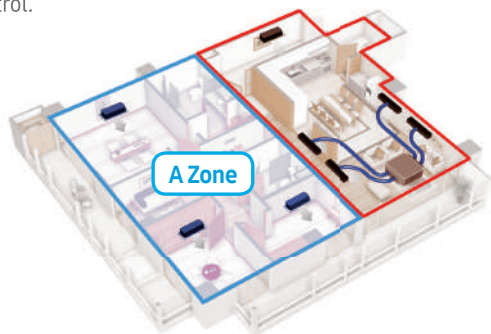
Extended contact interface

General users, managers and administrators can be registered separately by ID and password. Administrators (utility managers) have the authority to set access levels for DMS 2.5 functions by user.



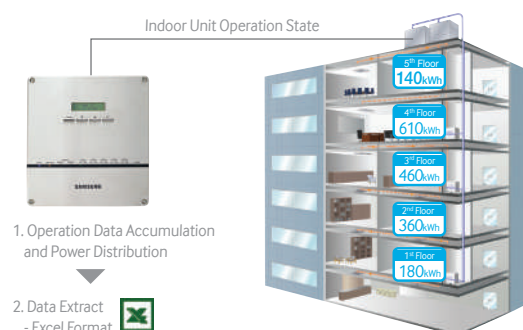
Smart central management

DMS 2.5, the Control and Monitoring Zone edition, offers smart, centralized, zoned management. Wireless and wired remote control restrictions provide greater oversight of operations. A temperature limit setting and operation mode restriction extend the range of control.



Power distribution system

DMS 2.5 enables power distribution to a maximum of 256 indoor units, and provides a data query for watt-hour, usage time and usage ratio. One year of power distribution data is saved in storage; these files are saved in Microsoft® Excel format. DMS 2 also provides current actual power consumption monitoring, as well as current-type electricity meter support (CT ratio input).



Watt-hour meter interface module

The watt-hour meter interface module can be exclusively used for DMS 2.5 power distribution, displaying power consumption for each watt-hour meter. It connects with up to eight watt-hour meters and features a pulse interface for each meter.



Control System _Centralized control

Touch Centralized Controller | MCM-A300N

- 7-inch Color Capacitive Touch Screen
- Easy and Intuitive UI
- Individual/Zone control, Scheduling, Energy saving control
- Emergency operation control by external contact
- Control up to 128 indoor units
- DS card for programming and data download

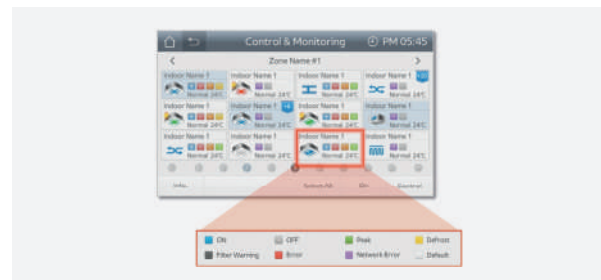
Easy and Intuitive UI

- Various icons based on equipment and operation condition
- Smart phone style user-friendly control
- Individual/group management



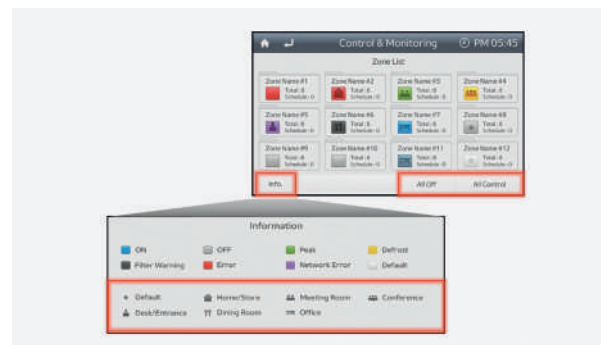
Control and Monitoring

- Easy to check each device's status using color and icon
- Large-size icons for ease of use
- High and low temperature limitation settings
- Individual unit restriction settings



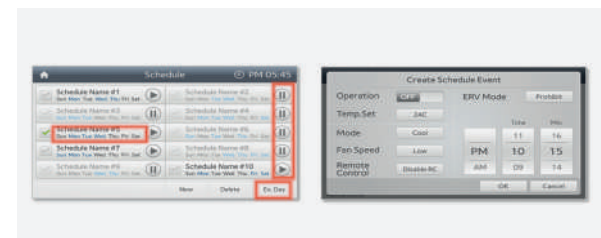
Zone Management for multiple units

- Manage up to 12 zones
- Simply control zones with one button
- Set unique zone description icons to easily recognize each zone
- Easily bind multiple indoor units to create a zone



Schedule Control

- Set up to 10 operation schedules
- Apply these schedules to any unit or zone
- Create operation events for each schedule, including: temperature setting, mode and fan speed



Building Management System

Streamline operations and costs with integrated management

Samsung Building Management System (BMS) provides various control functions for integrated management of varied system equipment and air conditioners. As a result, BMS facilitates an efficient and economical operating environment.

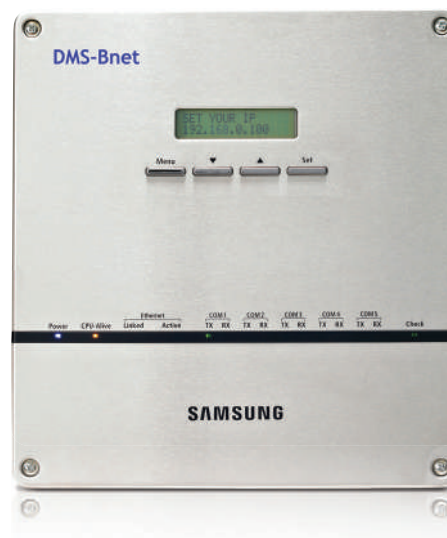


Building Management System _BACnet gateway

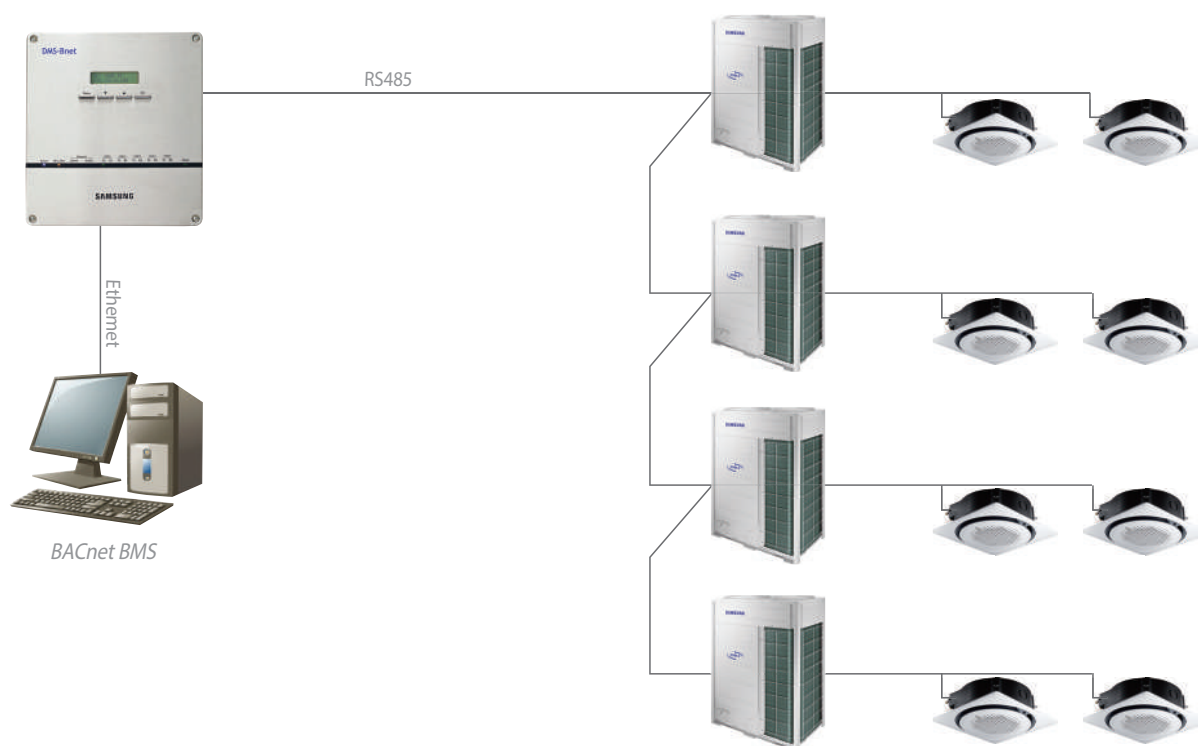
BACnet gateway MIM-B17N

BACnet gateway is an interface for connection to BACnet management system, providing users with a more convenient way to manage their air conditioning system. It can control a maximum of 128 indoor units

Control	Monitoring
• On/Off control • Operation mode • Temperature setting • Fan speed/direction • ERV operation mode • ERV fan speed	• Filter alarm reset • User control restriction • Operation mode lock • Set temperature limit • Emergency stop • Output contact control
• On/Off control • Operation mode • Set/Room temperature • Fan speed/direction • ERV operation mode • ERV fan speed • Filter alarm • User control restriction	• Thermo On/Off • Power distribution • Operation mode lock • Set temperature limit • In/Out contact state • Emergency stop • Error code



Connection



Building Management System _LonWorks gateway

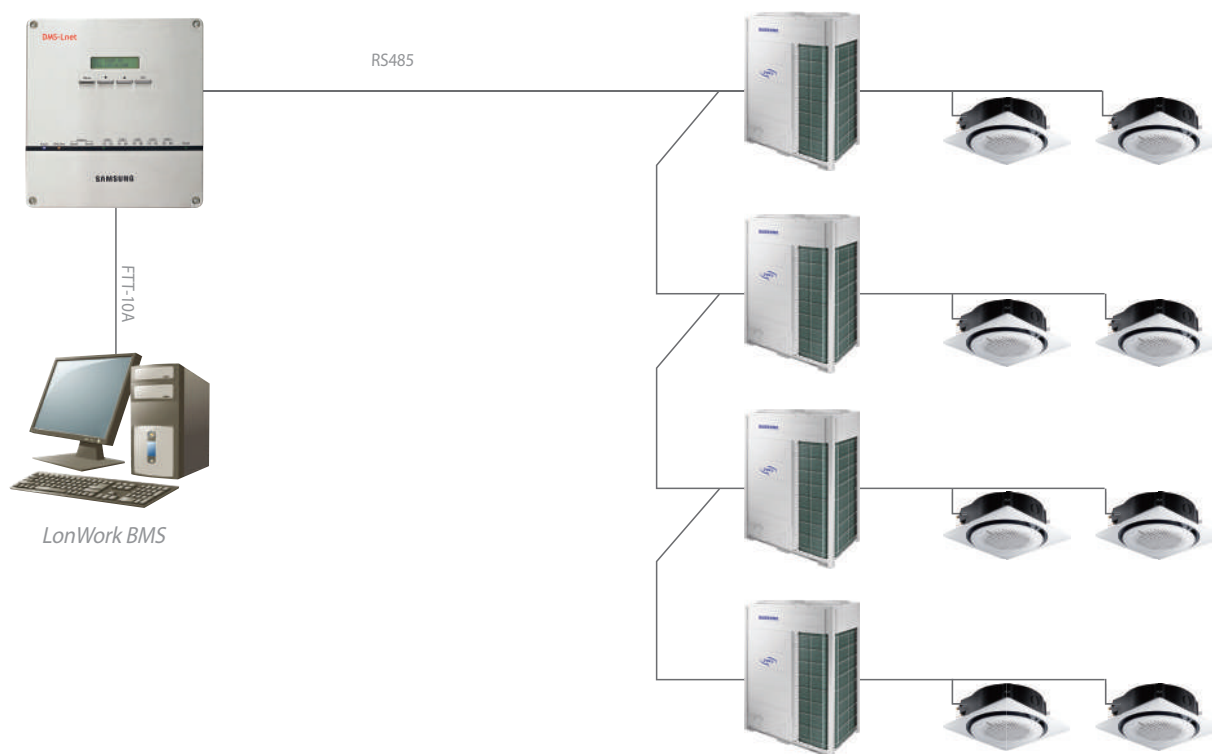
LonWorks gateway MIM-B18N

LonWorks gateway is an interface for Lon-Connection to LonWorks management system, providing users with a more convenient way to manage their air conditioning system. It can control a maximum of 128 indoor units.

Control	Monitoring
• On/Off control • Operation mode • Temperature setting • Fan speed/direction • ERV operation mode • ERV fan speed	• Filter alarm reset • User control restriction • Operation mode lock • Set temperature limit • Emergency stop • Output contact control
	• On/Off control • Operation mode • Set/Room temperature • Fan speed/direction • ERV operation mode • ERV fan speed • Filter alarm • User control restriction
	• Thermo On/Off • Power distribution • Operation mode lock • Set temperature limit • In/Out contact state • Emergency stop • Error code



Connection

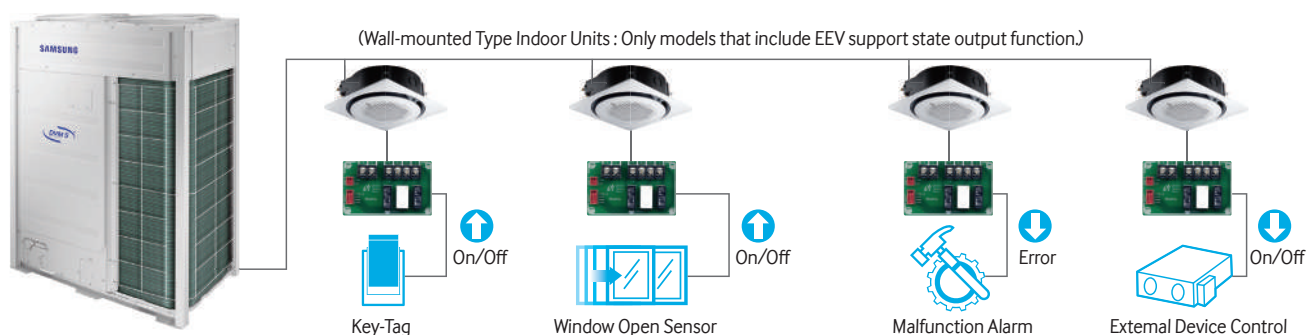


Interface Module

External contact Interface Module (MIM-B14)

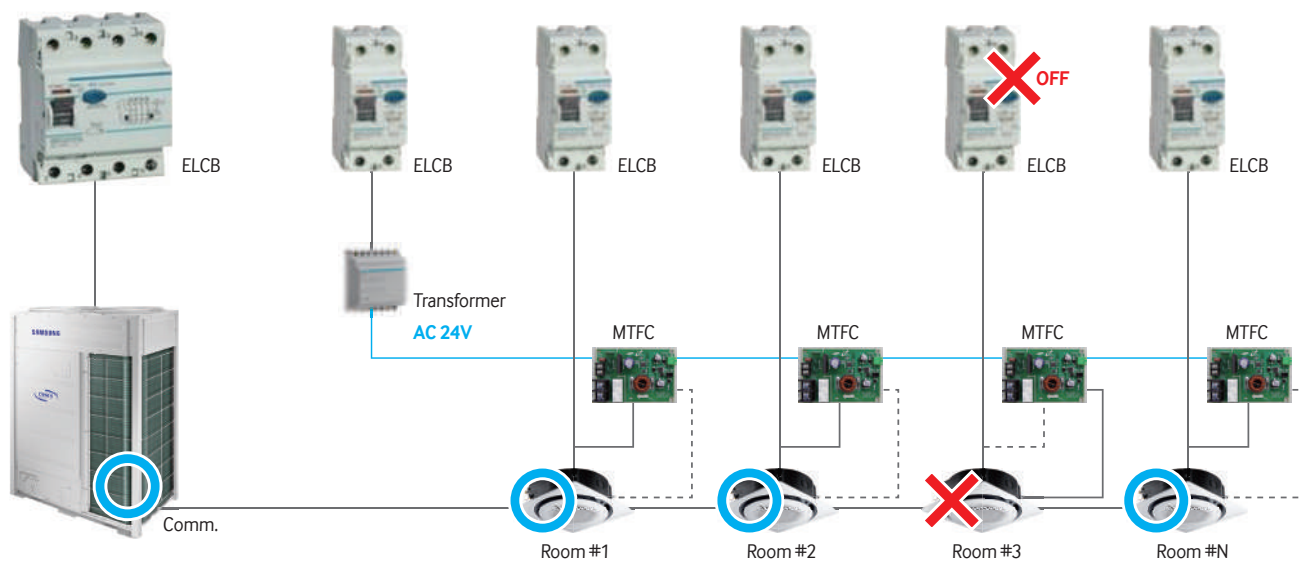
Samsung Guestroom Management System saves users the energy and money wasted on cooling an unoccupied room. The air conditioner is activated when the Key-Tag is in place and turns off when the Key-Tag is removed.

An external contact interface module provides direct indoor unit control via an external contact signal, as well as window-synchronized indoor unit control. The emergency control function features simple contact input. Plus the module generates indoor unit operation/error state output through relay contacts.



MTFC(Multi Tenant Function Controller (MCM-C210N)

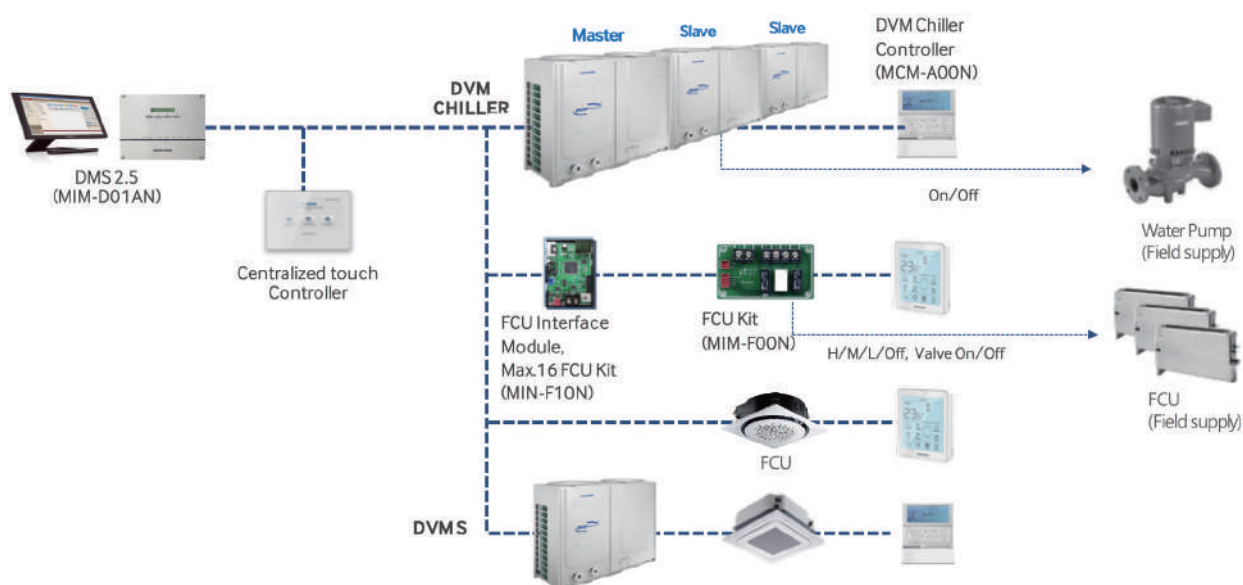
Multi tenant function controller is an auxiliary power supply device which allows indoor unit to turn off (close EEV) normally and maintain communication when main power supply is cut. It is used in site such as hotel where individual power is supplied to the indoor unit



DVM Chiller Control System

Centrally control all systems

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



Module controller (MCM-A00N) - For DVM Chiller

- DVM Chiller On/Off control (Module /Group)
- Operation mode, water outlet temperature setting
- Optional operation setting, module / group setting
- Weekly operation schedule setting



FCU Kit (MIM-F00N) - For 3rd party FCU

- Communication and control interfacing kit between 3rd party FCU and Samsung control system
- Possible to use wired R/C
- Possible to use DMS 2.5, touch centralized controller
- Provides external contact input
- Outputs control signal for FCU fan / water valve
- Size 270x200x87.4mm (WxHxD)



FCU interface module (MIM-F10N) - For 3rd party FCU

- Communication interface module between FCU Kit and high level controller
- Supports FCU Kit only
- Max. 16 FCU Kits connection



New DVM-Pro

Customize your air conditioning system with innovative design tools

Samsung's new DVM-Pro is an advanced design automation tool that can be used in AutoCAD-based CAD mode or Windows®-based Sales mode. This new program helps users select the most appropriate system air conditioner equipment so users can easily and precisely design their air conditioning system.

Sale mode

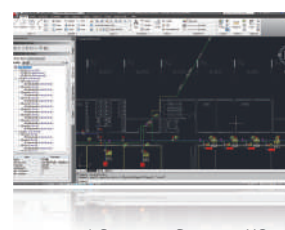
The Sales mode enables users to customize their air conditioning system by selecting from the following categories:

- **Connection.** Indoor unit and outdoor unit connection with accessory
- **Piping.** Basic or manual selection with system check and capacity simulation
- **Wiring.** Automatic diagram with communication wiring of indoor/outdoor/control units and electric power meters
- **Control system.** Automatic control unit selection
- **Report.** Specifications, diagrams with DWG and BMP format, quotation

CAD mode

The CAD mode provides quick, easy, precise design, enabling users to customize their air conditioning system using AutoCAD add-on software. (AutoCAD is not included in New DVM-PRO.) This mode features:

- **Automatic calculation.** Refrigerant and drain pipe size
- **Automatic selection.** Refnet joint, header and distributor kit.
- **System check.** Installation regulation and refrigerant addition
- **Control system selection.** Easy control system selection
- **Automation report.** Piping installation diagram, equipment list and quotation

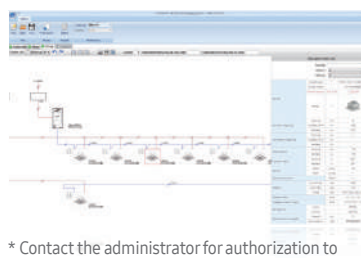


* Contact to Samsung HQ or Distributors for NEW DVM-Pro!

Download!

<http://pvi.samsung.com> [Download Center](#) [Software](#) [NEW DVM-Pro](#)

* E-mail : dvm.pro@samsung.com



* Contact the administrator for authorization to download the program.

Control System



CLASSIFICATION		PRODUCT	IMAGE	MODEL	APPLICATION
				DVM S, Single (New Communication Protocol)	
Integrated Management System	Controller	DMS 2		MIM-D00AN	-
		DMS 2.5		MIM-D01AN	-
		S-NET 3		MST-P3P	-
	Interface Module	PIM		MIM-B16N	-
System Controller	Centralized Control System	Controller			
		Touch Centralized Controller		MCM-A300N	DVM Chiller Included
		On/Off Controller		MCM-A202DN	-
		Multi Tenant Function Controller (MTFC)		MCM-C210N	-
		Operation Mode Selection Switch		MCM-C200	DVM S Series (Except HR Models)
	Interface Module	FCU Kit		MIM-F00N	DVM Chiller
		HUB PBA		MIM-F10N	DVM Chiller
		RAC Extension Board		-	FJM (For connecting wired remote controller and external contact interface module)
		Centralized Control Interface Module		MIM-N10	ERV (New Communication Protocol)
		Compatible interface Module		MIM-N01	Converter between old & new protocol

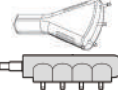


CLASSIFICATION			PRODUCT	IMAGE	MODEL	APPLICATION
					DVM S, Single (New Communication Protocol)	
System Controller	Individual Control System	Controller	Zone Control Package (Zone Controller & Relay)		MWR-ZS00N	-
			Zone Controller		MWR-ZS10N	-
			Wired Remote Controller		MWR-WE11N	-
					MWR-WW00N	DVM S Hydro Unit
			Wired Remote Controller		-	Connect wire : 10m Connect wire : 3m
			Simplified wired Remote Controller		-	-
			Simplified wired Remote Controller		MWR-SH00N	-
			Simplified wired Remote Controller		MWR-VH12N	ERV
			Wireless Remote Controller (H/P)		MR-EH00	-
			Wireless Remote Controller (Wind-Free)		AR-EH03E	-
			Wireless Remote Controller		AR-KH03E	For 360 Cassette
			Wireless Signal Receiver package (With Receiver wire)		MRK-A10N	DVM S Series (for Ducted indoor unit) Single Duct S
			Wireless Signal Receiver		-	-
			Wireless Signal Receiver Wire		-	-
			External Room Sensor		MRW-TA	-
			External Room Sensor		MRW-TS	Global Duct (For Zone Controller)
			Single Wi-Fi Kit		-	Single Inverter Cassette & Duct
			Multi Wi-Fi Kit		MIM-H03N	Max. 16 unit
Building Management System	Building Management Module	ZenManager		MST-R5D	-	
		LonWorks Gateway		MIM-B18N	-	
		LonWorks Gateway (New)		MIM-B18BN	DVM Chiller Included	
		BACnet Gateway		MIM-B17N	-	
		BACnet Gateway (New)		MIM-B17BN	DVM Chiller Included	
		LonWorks Gateway Interface		-	-	
	Guestroom Management Module	External Contact Interface Module		MIM-B14	-	
		Key-Tag Interface Module		-	-	
Converter Motion Detect Sensor			Converter Unit (S-Net Pro)		MIM-C02N	-
			S-Checker		MIM-C10N	-

Accessories

CLASSIFICATION	IMAGE	MODEL	APPLICATION
		DVM S, Single (New Communication Protocol)	
Drain Pump		MDP-E075SEE3D	Slim Duct(2.0 ~ 14.0 kW)
		MDP-M075SGU1D	M.S.P Duct(9.0/11.2 kW)
		MDP-M075SGU2D	M.S.P Duct(12.8/14.0 kW) H.S.P Duct(11.2/12.8/14.0 kW)
		MDP-M075SGU3D	M.S.P Duct(5.6/7.1 kW)
		MDP-N047SNC0D	O.A.P Duct (14.0 kW)
		MDP-N047SNC1D	H.S.P Duct(22.4/28.0 kW), Fresh Air Intake Duct (22.4/28.0 kW)
		MDP-G075SP	Duct S (External Type)
PDM Kits (High Elevation Kits)		MDP-G075SQ	Duct S (Internal Type)
		MXD-A38K2A	8"~12 HP
		MXD-A12K2A	14"~16 HP
AHU Kits		MXD-A58K2A	18"~22 HP
		MXD-K025AN	7.0 ~ 8.75 kW AHU
		MXD-K050AN	14.0 ~ 17.5 kW AHU
		MXD-K075AN	21.0 ~ 26.25 kW AHU
		MXD-K100AN	28.0 ~ 35.0 kW AHU
		MXD-A64K100E	AHU EEV Kit (10HP)
		MCM-D201N	Control Kit (PBA, 10HP~40HP)
4 Way Cassette Front Panel		PC4NUDMAN	NASA, Square
		PC4NBDMAN	NASA, Square - Black
		PC4NUNMAN	NASA, Circle (Exposed installation)
		PC4NBNMAN	NASA, Circle (Exposed installation) - Black
4 Way Cassette Front Panel		PC4NUFMAN	4way Cassette S - Wind-Free - Classic
		PC4NUSKAN	4Way Cassette S - Waffle
		PC4NUSKEN	4Way Cassette S - Classic
		PC4NBSKAN	4Way Cassette S - Black
4 Way Cassette (600 x 600) Front Panel		PC4SUFMAN	4way Cassette S(600x600) - Wind-Free - Classic
		PC4SUSMBN	NEW 4Way Cassette S (600x600) -Waffle
		PC4SUSMFN	NEW 4Way Cassette S (600x600) -Classic
1 Way Cassette Front Panel		PC1NWFMAN	Slim 1way Cassette Wind-Free (2.2~3.6kW)
		PC1BWFMAN	Slim 1way Cassette Wind-Free (5.6~7.1kW)
		PC1MWSKAN	1Way Cassette (New Air Fluid Design) (1.7~2.2kW)
		PC1NWSMAN	1Way Cassette (New Air Fluid Design) (2.2~3.6kW)
		PC1BWSMAN	1Way Cassette (New Air Fluid Design) (5.6~7.1kW)
		PC1NUSMAN	Slim 1Way Cassette (2.2~3.6kW)
		PC1BWSEAN	Slim 1Way Cassette (5.6~7.1kW)
		PC1NUPMAN	Slim 1Way Cassette Z-Sliding (2.2~3.6kW)
		PC1BWPEAN	Slim 1Way Cassette Z-Sliding (5.6~7.1kW)
2 Way Cassette Front Panel		PC2NUSMEN	2Way Cassette
Virus Doctor		MSD-CAN1	4Way Cassette S 4Way Cassette S (600x600)
		MSD-EAN1	ERV, Global Duct
Motion Detect Sensor		MCR-SMA	4Way Cassette S (600x600)



Classification	Image	Model	Description	APPLICATION
Y-joint		MXJ-YA1509M	15.0kW and below	DVM S
		MXJ-YA2512M	Over 15.0 ~ 40.6kW and below	
		MXJ-YA2812M	Over 40.6 ~ 46.4 kW and below	
		MXJ-YA2815M	Over 46.4 ~ 69.6 kW and below	
		MXJ-YA3419M	Over 69.6 ~ 98.6 kW and below	
		MXJ-YA4119M	Over 98.6 ~ 139.2 kW and below	
		MXJ-YA4422M	Over 139.2 kW	
Y-joint (High Pressure Gas) for HR module		MXJ-YA1500M	23.2 kW and below	DVM S HR
		MXJ-YA2500M	Over 23.2 ~ 69.6 kW and below	
		MXJ-YA3100M	Over 69.6 ~ 139.2 kW and below	
		MXJ-YA3800M	Over 139.2 kW	
Outdoor Joint (Outdoor Connection)		MXJ-TA3819M MXJ-TA3419M	Below 48 HP	DVM S
		MXJ-TA4422M MXJ-TA4122M	Over 48 HP	
Outdoor Joint (High Pressure Gas) for HR Module		MXJ-TA3100M	Below 48 HP	DVM S HR
		MXJ-TA3800M	Over 48 HP	
DPM Y-joint		MXJ-2D2509K	2-indoor unit connection	CAC Inverter(4way, 4way 600x600)
		MXJ-3D2509K	3-indoor unit connection	
		MXJ-4D2509K	4-indoor unit connection	
Header Joint		MXJ-HA3819M	Over 69.7 kW	DVM S
		MXJ-HA3115M	Below 69.6 kW	
		MXJ-HA2512M	Below 46.4 kW	
MCU Kits		MCU-S1NEK1N	1 Ports	DVM S HR
		MCU-S2NEK2N	2 Ports	
		MCU-S4NEK3N	4 Ports	
		MCU-S6NEK2N	6 Ports	
EEV Kits		MXD-E24K132A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (1Room)	DVM S
		MXD-E24K200A	Below 3.6 kW (2 Rooms)	
		MXD-E32K200A	5.6 kW ~ 9.0 kW (2Rooms)	
		MXD-E24K232A	Below 3.6 kW (2 Rooms) + 5.6 kW ~ 9.0 kW (1Room)	DVM S
		MXD-E24K300A	Below 3.6 kW (3 Rooms)	
		MXD-E32K224A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (2Rooms)	
		MXD-E32K300A	5.6 kW ~ 9.0 kW (3Rooms)	
		MEV-E24SA	Below 3.6 kW (1 Room)	DVM S
		MEV-E32SA	5.6 kW ~ 9.0 kW (1Room)	
Anti-Corrosion Spray		MOK-220SA	R-Pro	

[illegible]