



VRF System

FJM System

CAC System

ERV System

Eco Heating System

Control System



Lineup - Outdoor Units

DVM S HP / HR

			SINGLE										MODULE																		
IMAGE	MODEL	CAPACITY	8	10	12	14	16	18	20	22		24	26	28	30	32	34	36	38	40	42	44	46	48	50	52					
	AM080FXVAGH/GR	8 HP	1																												
	AM100FXVAGH/GR	10 HP	1																												
	AM120FXVAGH/GR	12 HP	1				2										1	1	1	1	1	2					1	1	1		
	AM140FXVAGH/GR	14 HP	1					1										1					1								
	AM160FXVAGH/GR	16 HP	1						1										1					1							
	AM180FXVAGH/GR	18 HP	1							1															1						
	AM200FXVAGH/GR	20 HP	1								1										2					1					
	AM220FXVAGH/GR	22 HP	1									1										1	1	1	1		2	1	1	1	1

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

DVM S HP / HR

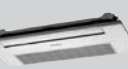
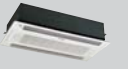
			MODULE															
IMAGE	MODEL	CAPACITY	54	56	58	60	62	64	66	68			70	72	74	76	78	80
	AM080FXVAGH/GR	8 HP																
	AM100FXVAGH/GR	10 HP																
	AM120FXVAGH/GR	12 HP	1	1						2			1	1	1	1	1	
	AM140FXVAGH/GR	14 HP			1								1					1
	AM160FXVAGH/GR	16 HP				1								1				
	AM180FXVAGH/GR	18 HP													1			
	AM200FXVAGH/GR	20 HP	1					2	1								1	
	AM220FXVAGH/GR	22 HP	1	2	2	2	1	2	3	2			2	2	2	2	3	3

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

DVM S Mini

IMAGE	CAPACITY		4HP	5HP	6HP
	PHASE				
	1 Phase		●	●	●
	3 Phase		●	●	●

Cassette

MODEL					
CAPACITY (kW)	2.2		●	●	
	2.8		●	●	
	3.6		●	●	
	4.5	●	●	●	
	5.6	●	●		●
	6.0		●		
	7.1	●			●
	9.0	●			
	11.2	●			
	12.8	●			
	14.0	●			
FEATURES	 Powerful Airflow	●	●	●	
	 Ceiling Dust Prevention	●	●	●	
	 Fresh Air Intake	●	●		
	 High Lift-up Drain Pump	●	●	●	●
	 Sub Duct	●	●		

Duct

MODEL				
CAPACITY	1.7			●
	2.2		●	●
	2.8		●	●
	3.6		●	●
	4.5		●	●
	5.6		●	●
	7.1		●	●
	9.0		●	●
	11.2	●	●	●
	12.8	●	●	●
	14.0	●	●	●
	22.0	●		
	28.0	●		
FEATURES	 Pre Filter	●	●	●
	 Easy Filter Cleaning	●	●	●
	 High Lift-up Drain Pump	●	●	●
	 Smart Pressure Control	●	●	●

Wall-mounted

MODEL			
CAPACITY	2.2	●	●
	2.8	●	●
	3.6	●	●
	4.5		●
	5.6	●	●
	7.1	●	●
FEATURES	 Deodorizing Filter	●	●
	 good sleep	●	●

Console & Ceiling

MODEL			
CAPACITY	2.8	●	
	3.6	●	
	5.6	●	●
	7.1		●
FEATURES	 Virus Doctor	●	
	 Interior Design	●	●
	 Anti-virus Filter	●	●
	 Lightweight Unit	●	●
	 Flexible Pipe Installation	●	●

Concealed Floor Standing

MODEL		
CAPACITY	3.6	●
	5.6	●
	7.1	●

DVMS

Lineup - ERV Plus

Model \ Air Volume (m³/hr)	500	1000
ERV PLUS		

DVMS

Feature - ERV Plus

	 ERV PLUS
Damper	•
Direct Expansion (DX) Coil	•
Humidifier element (Optional)	•
Supply/Exhaust Fan	•
Dust Filter	•
Heat Exchanger Element	•
Control Box	•
Temperature Sensor	•
CO ₂ Sensor (Optional)	•
BLDC Fan Motor	•
Energy Saving Operation (Auto Mode)	•
New Diamond Type Element	•
Flexible Installation	
Slim Design	•
Silent Operation	•
Virus Doctor (Optional)	•



DVMS Specification - Outdoor Units



DVMS
DIGITAL VARIABLE MULTI

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

DVMS HP / HR

Model Name				DVM S HP	AM080FXVAGH	AM100FXVAGH	AM120FXVAGH	AM140FXVAGH	AM160FXVAGH	AM180FXVAGH
Power Supply				DVM S HR	AM080FXVAGR	AM100FXVAGR	AM120FXVAGR	AM140FXVAGR	AM160FXVAGR	AM180FXVAGR
Mode				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP	Cooling	HP	8.00	10.00	12.00	14.00	16.00	18.00	
			kW	22.40	28.00	33.60	40.00	45.00	50.40	
			Btu/h	76,400	95,500	114,600	136,500	153,500	172,000	
			kW	25.20	31.50	37.80	45.00	50.00	56.70	
Power	Capacity (Nominal)	Heating	Btu/h	86,000	107,500	129,000	153,500	170,600	193,500	
			kW	5.00	6.80	8.40	8.90	11.00	12.88	
			kW	5.10	6.70	8.70	9.50	11.50	11.90	
			A	8.00	10.90	13.50	14.30	17.60	20.70	
COP	MCA	Cooling 1)	A	8.20	10.70	14.00	15.20	18.40	19.10	
			A	22.50 (MCA)	29.90 (MCA)	31.30 (MCA)	31.30 (MCA)	40.00 (MCA)	48.90 (MCA)	
			A	30.00	40.00	40.00	40.00	40.00	50.00	
			-	4.48	4.12	4.00	4.49	4.09	3.91	
Compressor	Nominal Cooling	Nominal Heating	-	4.94	4.70	4.34	4.74	4.35	4.76	
			-	7.85	7.25	7.03	7.02	6.78	6.59	
			-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2	
			-	(4.96)	(6.13)	(6.13)	(6.13)	(4.96x2)	(6.13x2)	
Fan	Model Name	Type	-	DS-GB052FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB052FAVASG x 2	DS-GB066FAVASG x 2	
			-	PVE	PVE	PVE	PVE	PVE	PVE	
			-	2300	2300	2300	2300	4600	4600	
			-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Piping Connections	Oil	Initial Charge	-	400 x 1	400 x 1	400 x 1	620 x 2	620 x 2	620 x 2	
			CMM	145	145	190	260	260	270	
			l/s	2,416.67	2,416.67	3,166.67	4,333.33	4,333.33	4,500.00	
			mmAq	8.00	8.00	8.00	8.00	8.00	8.00	
Field Wiring	Liquid Pipe	Max.	Pa	78.45	78.45	78.45	78.45	78.45	78.45	
			Φ, mm	9.52	9.52	12.70	12.70	12.70	15.88	
			Φ, inch	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	
			Φ, mm	19.05	22.22	28.58	28.58	28.58	28.58	
Refrigerant	Gas Pipe	(HR)	Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
			Φ, mm	15.88	19.05	22.22	22.22	22.22	22.22	
			Φ, inch	5/8"	3/4"	7/8"	7/8"	7/8"	7/8"	
			m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
Sound	Discharge Gas Pipe	Max. Length	m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	
			m	-	-	-	-	-	-	
			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
			mm2	R410A	R410A	R410A	R410A	R410A	R410A	
External Dimension	Factory Charging	kg	kg	5.50	5.20	5.50	7.70	7.40	8.70	
			dB(A)	57.0	58.0	62.0	61.0	63.0	64.0	
			dB(A)	77.0	79.0	81.0	81.0	83.0	86.0	
			kg	190.0	190.0	190.0	235.0	278.0	300.0	
Operating Temp. Range	Net Weight	DVM S HP	kg	195.0	195.0	195.0	241.0	284.0	306.0	
			kg	206.0	206.0	206.0	254.0	297.0	319.0	
			kg	211.0	211.0	211.0	260.0	303.0	325.0	
			mm	880 x 1,695 x 765	880 x 1,695 x 765	880 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	
Operating Temp. Range	Shipping Dimensions (WxHxD)	DVM S HR	mm	948 x 1,857 x 832	948 x 1,857 x 832	948 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832	
			°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
			°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	
			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVMS Specification - Outdoor Units



DVMS
DIGITAL VARIABLE MULTI

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

DVMS HP / HR

Model Name				DVM S HP	AM200FXVAGH	AM220FXVAGH	AM240FXVAGH	AM260FXVAGH	AM280FXVAGH	AM300FXVAGH
Power Supply				DVM S HR	AM200FXVAGR	AM220FXVAGR	AM240FXVAGR	AM260FXVAGR	AM280FXVAGR	AM300FXVAGR
				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP		HP	20.00	22.00	24.00	26.00	28.00	30.00	
			kW	56.00	61.60	67.20	73.60	78.60	84.00	
	Capacity (Nominal)	Cooling	Btu/h	191,100	210,200	229,300	251,100	268,200	286,600	
		Heating	kW	63.00	69.30	75.60	82.80	87.80	94.50	
Power			Btu/h	215,000	236,500	258,000	282,500	299,600	322,400	
	Power Input (Nominal)	Cooling 1)	15.19	17.35	16.80	17.30	19.40	21.28		
		Heating 2)	13.90	16.70	17.40	18.20	20.20	20.60		
	COP	Current Input (Nominal)	Cooling 1)	24.40	27.80	27.00	27.80	31.10	34.20	
Heating 2)			22.30	26.80	28.00	29.20	32.40	33.10		
MCA		52.50 (MCA)	55.60 (MCA)	62.60 (MCA)	62.60 (MCA)	71.30 (MCA)	80.20 (MCA)			
MFA		A	75.00	75.00	75.00	75.00	90.00			
Compressor	Nominal Cooling		-	3.69	3.55	4.00	4.25	4.05	3.95	
	Nominal Heating		-	4.53	4.15	4.34	4.55	4.35	4.59	
	ESEER (HP)		-	6.56	6.25	7.03	7.03	6.91	6.81	
Fan	Type		-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3	
	Output		kW x n	(6.13x2)	(6.13x2)	(6.13)x2	(6.13) + (4.96x2)	(6.13) + (6.13x2)		
	Model Name		-	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 1 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 3	
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	
Initial Charge		cc	4600	4600	4600	4600	6900	6900		
Piping Connections	Type		-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n		W	620 x 2	620 x 2	(400 x 1) x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2	
	Air Flow Rate		CMM	275	295	190 x 2	190 + 260	190 + 260	190 + 270	
			l/s	4,583.33	4,916.67	3,166.67 x 2	3,166.67 + 4,333.33	3,166.67 + 4,333.33	3,166.67 + 4,500.00	
Field Wiring	External Static Pressure		Max.	mmAq	8.00	8.00	8.00	8.00	8.00	
			Pa	78.45	78.45	78.45	78.45	78.45	78.45	
	Liquid Pipe	Φ, mm	15.88	15.88	15.88	19.05	19.05	19.05		
		Φ, inch	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"		
Refrigerant	Gas Pipe	Φ, mm	28.58	28.58	28.58	34.92	34.92	34.92		
		Φ, inch	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"		
	Discharge Gas Pipe (HR)	Φ, mm	28.58	28.58	28.58	28.58	28.58	28.58		
		Φ, inch	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"		
Sound	Installation Limitation		Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	
			Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	
	Power Source Wire		mm2	-	-	-	-	-	-	
	Transmission Cable		mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
External Dimension	Type		-	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging		kg	8.40	8.40	11.00	13.20	12.90	14.20	
	Sound Pressure		dB(A)	65.0	65.0	-	-	-	-	
	Sound Power		dB(A)	87.0	89.0	-	-	-	-	
Operating Temp. Range	Net Weight	DVM S HP	kg	300.0	300.0	190.0 x 2	190.0 + 235.0	190.0 + 278.0	190.0 + 300.0	
		DVM S HR	306.0	306.0	195.0 x 2	195.0 + 241.0	195.0 + 284.0	195.0 + 306.0		
	Shipping Weight	DVM S HP	kg	319.0	319.0	206.0 x 2	206.0 + 254.0	206.0 + 297.0	206.0 + 319.0	
		DVM S HR	325.0	325.0	211.0 x 2	211.0 + 260.0	211.0 + 303.0	211.0 + 325.0		
Net Dimensions (WxHxD)		mm	1,295 x 1,695 x 765	1,295 x 1,695 x 765	(880 x 1,695 x 765) x 2	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765		
Shipping Dimensions (WxHxD)		mm	1,363 x 1,857 x 832	1,363 x 1,857 x 832	(948 x 1,857 x 832) x 2	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832		
Operating Temp. Range	Cooling	DVM S HP	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	DVM S HR	°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	
			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVMS Specification - Outdoor Units



DVMS
DIGITAL VARIABLE MULTI

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

DVMS HP / HR

Model Name				DVM S HP	AM320FXVAGH	AM340FXVAGH	AM360FXVAGH	AM380FXVAGH	AM400FXVAGH	AM420FXVAGH		
				DVM S HR	AM320FXVAGR	AM340FXVAGR	AM360FXVAGR	AM380FXVAGR	AM400FXVAGR	AM420FXVAGR		
Power Supply				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50		
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR		
Performance	HP		HP	32.00	34.00	36.00	38.00	40.00	42.00			
			kW	89.60	95.20	101.60	106.60	112.00	117.60			
	Capacity (Nominal)	Cooling	Btu/h	305,700	324,800	346,700	363,700	382,200	401,300			
			kW	100.80	107.10	114.30	119.30	126.00	132.30			
Power		Heating	Btu/h	343,900	365,400	390,000	407,100	429,900	451,400			
			kW	23.59	25.75	26.25	28.35	30.38	32.54			
	Current Input (Nominal)	Cooling 1)	A	22.60	25.40	26.20	28.20	27.80	30.60			
				Heating 2)	37.90	41.30	42.10	45.40	48.80	52.20		
		Cooling 1)	A	36.30	40.80	42.00	45.20	44.60	49.10			
				Heating 2)	83.80 (MCA)		86.90 (MCA)		86.90 (MCA)		95.60 (MCA)	
COP	MFA			A	90.00	90.00	90.00	100.00	100.00	125.00		
	Nominal Cooling			-	3.80	3.70	3.87	3.76	3.69	3.61		
	Nominal Heating			-	4.46	4.22	4.36	4.23	4.53	4.32		
	ESEER (HP)			-	6.80	6.64	6.64	6.52	6.56	6.41		
Compressor	Type			-	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4		
	Output			kW x n	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(4.96x2) + (6.13x2)	(6.13x2)x2	(6.13x2) + (6.13x2)		
	Model Name			-	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 2	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4		
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE		
Initial Charge		cc	6900	6900	6900	9200	9200	9200	9200			
Fan	Type			-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n			W	400 x 1 + 620 x 2	400 x 1 + 620 x 2	(620 x 2) x 2	(620 x 2) x 2	(620 x 2) x 2	(620 x 2) x 2		
	Air Flow Rate			CMM	190 + 275	190 + 295	260 + 295	260 + 295	275 x 2	275 + 295		
				l/s	3,166.67 + 4,583.33	3,166.67 + 4,916.67	4,333.33 + 4,916.67	4,333.33 + 4,916.67	4,583.33 x 2	4,583.33 + 4,916.67		
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00			
Pa			78.45	78.45	78.45	78.45	78.45	78.45	78.45			
Piping Connections	Liquid Pipe		Φ, mm	19.05	19.05	19.05	19.05	19.05	19.05			
			Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"			
			Φ, mm	34.92	34.92	41.28	41.28	41.28	41.28			
	Gas Pipe		Φ, inch	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"			
			Φ, mm	28.58	28.58	34.92	34.92	34.92	34.92			
	Discharge Gas Pipe	(HR)	Φ, inch	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"			
			Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
Field Wiring	Max. Height			m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)		
	Power Source Wire			mm2	-	-	-	-	-	-		
Refrigerant	Transmission Cable			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
	Type			-	R410A	R410A	R410A	R410A	R410A	R410A		
Sound	Factory Charging			kg	13.90	13.90	16.10	15.80	16.80	16.80		
	Sound Pressure			dB(A)	-	-	-	-	-	-		
	Sound Power			dB(A)	-	-	-	-	-	-		
External Dimension	Net Weight	DVM S HP	kg	190.0 + 300.0	190.0 + 300.0	235.0 + 300.0	278.0 + 300.0	300.0 x 2	300.0 x 2	300.0 x 2		
		DVM S HR	kg	195.0 + 306.0	195.0 + 306.0	241.0 + 306.0	284.0 + 306.0	306.0 x 2	306.0 x 2	306.0 x 2		
	Shipping Weight	DVM S HP	kg	206.0 + 319.0	206.0 + 319.0	254.0 + 319.0	297.0 + 319.0	319.0 x 2	319.0 x 2	319.0 x 2		
		DVM S HR	kg	211.0 + 325.0	211.0 + 325.0	260.0 + 325.0	303.0 + 325.0	325.0 x 2	325.0 x 2	325.0 x 2		
	Net Dimensions (WxHxD)			mm	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2		
Shipping Dimensions (WxHxD)			mm	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2			
Operating Temp. Range	Cooling	DVM S HP	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0		
		DVM S HR	°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0		
Heating			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVMS Specification - Outdoor Units



DVMS
DIGITAL VARIABLE MULTI

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

DVMS HP / HR

Model Name				DVM S HP	AM440FXVAGH	AM460FXVAGH	AM480FXVAGH	AM500FXVAGH	AM520FXVAGH	AM540FXVAGH
Power Supply				DVM S HR	AM440FXVAGR	AM460FXVAGR	AM480FXVAGR	AM500FXVAGR	AM520FXVAGR	AM540FXVAGR
Mode				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Performance				HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP	Cooling	HP	44.00	46.00	48.00	50.00	52.00	54.00	
			kW	123.20	128.80	135.20	140.20	145.60	151.20	
			Btu/h	420,400	439,500	461,300	478,400	496,800	515,900	
			kW	138.60	144.90	152.10	157.10	163.80	170.10	
Power	Capacity (Nominal)	Heating	Btu/h	472,900	494,400	519,000	536,000	558,900	580,400	
			Cooling 1)	34.70	34.15	34.65	36.75	38.63	40.94	
			Heating 2)	33.40	34.10	34.90	36.90	37.30	39.30	
			kW	55.60	54.80	55.60	58.90	62.00	65.70	
COP	Current Input (Nominal)	Cooling 1)	A	53.60	54.80	56.00	59.20	59.90	63.10	
			Heating 2)	111.20 (MCA)	118.20 (MCA)	118.20 (MCA)	126.90 (MCA)	135.80 (MCA)	139.40 (MCA)	
			MFA	A	125.00	125.00	125.00	125.00	150.00	
			Nominal Cooling	-	3.55	3.77	3.90	3.81	3.77	3.69
Compressor	Nominal Heating	ESEER (HP)	-	4.15	4.25	4.36	4.26	4.39	4.33	
			6.25 <td>6.77</td> <td>6.77</td> <td>6.69</td> <td>6.62</td> <td>6.61</td>	6.77	6.77	6.69	6.62	6.61		
			Type	-	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5	
			Output	kW x n	(6.13x2)x2	(6.13)x2 + (6.13x2)	(6.13) + (6.13) + (6.13x2)	(6.13) + (4.96x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)
Fan	Model Name	Type	-	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 3 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5	
			Oil	-	PVE	PVE	PVE	PVE	PVE	
			Initial Charge	cc	9200	9200	9200	11500	11500	
			Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	
Piping Connections	Output x n	CMM	W	(620 x 2) x 2	(400 x 1) x 2 + 620 x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2		
			mmAq	8.00	8.00	8.00	8.00	8.00		
			Pa	78.45	78.45	78.45	78.45	78.45		
			Air Flow Rate	l/s	4,916.67 x 2	3,166.67 x 2 + 4,916.67	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,500.00 + 4,916.67	3,166.67 + 4,583.33 + 4,916.67
Field Wiring	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00	8.00		
			Pa	78.45	78.45	78.45	78.45	78.45		
			Φ, mm	19.05	19.05	19.05	19.05	19.05		
			Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"		
Refrigerant	Liquid Pipe	Φ, mm	41.28	41.28	41.28	41.28	41.28			
			Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"		
			Discharge Gas Pipe (HR)	Φ, mm	34.92	34.92	34.92	34.92	34.92	
			Φ, inch	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"		
Sound	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)		
			Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	
			Power Source Wire	mm2	-	-	-	-	-	
			Transmission Cable	mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Operating Temp. Range	Type	Factory Charging	-	R410A	R410A	R410A	R410A	R410A		
			kg	16.80	19.40	21.30	22.60	22.30		
			Sound Pressure	dB(A)	-	-	-	-	-	
			Sound Power	dB(A)	-	-	-	-	-	
External Dimension	Net Weight	DVM S HP	kg	300.0 x 2	190.0 x 2 + 300.0	190.0 + 235.0 + 300.0	190.0 + 278.0 + 300.0	190.0 + 300.0 x 2	190.0 + 300.0 x 2	
			DVM S HR	306.0 x 2	195.0 x 2 + 306.0	195.0 + 241.0 + 306.0	195.0 + 284.0 + 306.0	195.0 + 306.0 x 2	195.0 + 306.0 x 2	
			Shipping Weight	DVM S HP	319.0 x 2	206.0 x 2 + 319.0	206.0 + 254.0 + 319.0	206.0 + 297.0 + 319.0	206.0 + 319.0 x 2	206.0 + 319.0 x 2
			DVM S HR	325.0 x 2	211.0 x 2 + 325.0	211.0 + 260.0 + 325.0	211.0 + 303.0 + 325.0	211.0 + 325.0 x 2	211.0 + 325.0 x 2	
Operating Temp. Range	Net Dimensions (WxHxD)	mm	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2		
			Shipping Dimensions (WxHxD)	mm	(1,363 x 1,857 x 832) x 2	(948 x 1,857 x 832) x 2 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	
			Cooling	DVM S HP	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
			Heating	DVM S HR	°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
				°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
 * The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVMS Specification - Outdoor Units



DVMS
DIGITAL VARIABLE MULTI

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

DVMS HP / HR

Model Name				DVMS HP	AM560FXVAGH	AM580FXVAGH	AM600FXVAGH	AM620FXVAGH	AM640FXVAGH	AM660FXVAGH
Power Supply				DVMS HR	AM560FXVAGR	AM580FXVAGR	AM600FXVAGR	AM620FXVAGR	AM640FXVAGR	AM660FXVAGR
Mode				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Performance				HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP	Cooling	HP	56.00	58.00	60.00	62.00	64.00	66.00	68.00
			kW	156.80	163.20	168.20	173.60	179.20	184.80	190.40
			Btu/h	535,000	556,900	573,900	592,300	611,500	630,600	650,000
			Heating	176.40	183.60	188.60	195.30	201.60	207.90	214.20
Power	Capacity (Nominal)	Heating	kW	601,900	626,500	643,500	666,400	687,900	709,400	731,300
			Btu/h	2068,000	2148,000	2208,000	2288,000	2368,000	2448,000	2528,000
			Power Input (Nominal)	43.10	43.60	45.70	47.73	49.89	52.05	54.21
			Heating 2)	42.10	42.90	44.90	44.50	47.30	50.10	52.90
COP	Current Input (Nominal)	Cooling 1)	A	69.10	69.90	73.20	76.60	80.00	83.40	86.80
			Heating 2)	67.60	68.80	72.00	71.40	75.90	80.40	84.90
			MCA	142.50 (MCA)	142.50 (MCA)	151.20 (MCA)	160.60 (MCA)	163.70 (MCA)	166.80 (MCA)	169.90 (MCA)
			MFA	150.00	150.00	150.00	200.00	200.00	200.00	200.00
Compressor	Nominal Cooling	Nominal Heating	ESEER (HP)	-	3.64	3.74	3.68	3.64	3.59	3.55
			Type	-	4.19	4.28	4.20	4.39	4.26	4.15
			Oil	-	6.51	6.51	6.43	6.46	6.35	6.25
			Initial Charge	-	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
Fan	Output	Air Flow Rate	kW x n	(6.13) + (6.13x2)x2	(6.13) + (6.13x2)x2	(4.96x2) + (6.13x2)x2	(6.13x2)x2 + (6.13x2)	(6.13x2)x2 + (6.13x2)	(6.13x2)x2 + (6.13x2)	(6.13x2)x2 + (6.13x2)
			Model Name	-	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 4	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6
			Type	-	PVE	PVE	PVE	PVE	PVE	PVE
			Oil	-	11500	11500	13800	13800	13800	13800
Piping Connections	Liquid Pipe	Gas Pipe	Propeller	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
			Output x n	W	400 x 1 + (620 x 2) x 2	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3
			Max. Length	CMM	190 + 295 x 2	260 + 295 x 2	260 + 295 x 2	275 x 2 + 295	275 + 295 x 2	295 x 3
			Max. Height	l/s	3,166.67 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,583.33 + 4,916.67	4,583.33 + 4,916.67 x 2	4,916.67 x 3
Field Wiring	Discharge Gas Pipe (HR)	Installation Limitation	mmAq	8.00	8.00	8.00	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45	78.45	78.45	78.45
			Φ, mm	19.05	19.05	19.05	22.22	22.22	22.22	22.22
			Φ, inch	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Refrigerant	Gas Pipe	Factory Charging	Φ, mm	41.28	41.28	41.28	53.98	53.98	53.98	53.98
			Φ, inch	1 5/8"	1 5/8"	1 5/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"
			Φ, mm	34.92	34.92	34.92	41.28	41.28	41.28	41.28
			Φ, inch	1 3/8"	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
Sound	Sound Pressure	Sound Power	mm	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
			mm	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
			mm2	-	-	-	-	-	-	-
			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
External Dimension	Net Weight	Shipping Weight	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
			kg	22.30	24.50	24.20	25.20	25.20	25.20	25.20
			dB(A)	-	-	-	-	-	-	-
			dB(A)	-	-	-	-	-	-	-
Operating Temp. Range	Cooling	Heating	DVMS HP	kg	190.0 + 300.0 x 2	235.0 + 300.0 x 2	278.0 + 300.0 x 2	300.0 x 3	300.0 x 3	300.0 x 3
			DVMS HR	kg	195.0 + 306.0 x 2	241.0 + 306.0 x 2	284.0 + 306.0 x 2	306.0 x 3	306.0 x 3	306.0 x 3
			DVMS HP	kg	206.0 + 319.0 x 2	254.0 + 319.0 x 2	297.0 + 319.0 x 2	319.0 x 3	319.0 x 3	319.0 x 3
			DVMS HR	kg	211.0 + 325.0 x 2	260.0 + 325.0 x 2	303.0 + 325.0 x 2	325.0 x 3	325.0 x 3	325.0 x 3
Operating Temp. Range	Net Dimensions (WxHxD)	Shipping Dimensions (WxHxD)	mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3
			mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3
			°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
			°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
Operating Temp. Range	Cooling	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0
			°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0
			°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0

* 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.
 * The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVMS Specification - Outdoor Units



DVMS
DIGITAL VARIABLE MULTI

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

DVMS HP / HR

Model Name				DVM S HP	AM680FXVAGH	AM700FXVAGH	AM720FXVAGH	AM740FXVAGH	AM760FXVAGH	AM780FXVAGH	AM800FXVAGH	
Power Supply				DVM S HR	AM680FXVAGR	AM700FXVAGR	AM720FXVAGR	AM740FXVAGR	AM760FXVAGR	AM780FXVAGR	AM800FXVAGR	
Mode				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	
Performance				HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	HP	Cooling	HP	68.00	70.00	72.00	74.00	76.00	78.00	80.00		
			kW	190.40	196.80	201.80	207.20	212.80	218.40	224.80		
			Btu/h	649,700	671,500	688,600	707,000	726,100	745,200	767,000		
			kW	214.20	221.40	226.40	233.10	239.40	245.70	252.90		
Power	Capacity (Nominal)	Heating	Btu/h	730,900	755,400	772,500	795,400	816,900	838,400	862,900		
			Power Input (Nominal)	Cooling 1)	51.50	52.00	54.10	55.98	58.29	60.45	60.95	
			Heating 2)	kW	50.80	51.60	53.60	54.00	56.00	58.80	59.60	
			Current Input (Nominal)	Cooling 1)	82.60	83.40	86.70	89.80	93.50	96.90	97.70	
COP	MCA	MFA	Heating 2)	A	81.60	82.80	86.00	86.70	89.90	94.40	95.60	
			Power Input (Nominal)	173.80 (MCA)	173.80 (MCA)	182.50 (MCA)	191.40 (MCA)	195.00 (MCA)	198.10 (MCA)	198.10 (MCA)		
			Current Input (Nominal)	A	200.00	200.00	200.00	200.00	200.00	200.00	200.00	
			Nominal Cooling	-	3.70	3.78	3.73	3.70	3.65	3.61	3.69	
Compressor	Oil	Initial Charge	Nominal Heating	-	4.22	4.29	4.22	4.32	4.28	4.18	4.24	
			ESEER (HP)	-	6.64	6.64	6.58	6.53	6.52	6.45	6.44	
			Type	-	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	
			Output	kW x n	(6.13)x2 + (6.13x2)x2	(6.13) + (6.13) + (6.13x2)x2	(6.13) + (4.96x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2)x3	(6.13) + (6.13x2)x3	
Fan	Type	Output x n	Model Name	-	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 5 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7	
			Oil	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE	
			Initial Charge	cc	13800	13800	16100	16100	16100	16100	16100	
			Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
Piping Connections	Liquid Pipe	Gas Pipe	Discharge Gas Pipe (HR)	Output x n	W	(400 x 1) x 2 + (620 x 2) x 2	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	(620 x 2) x 4	
				CMM	190 x 2 + 295 x 2	190 + 260 + 295 x 2	190 + 270 + 295 x 2	190 + 275 + 295 x 2	190 + 295 x 3	260 + 295 x 3		
				Air Flow Rate	I/s	3,166.67 x 2 + 4,916.67 x 2	3,166.67 + 4,333.33 + 4,916.67 x 2	3,166.67 + 4,333.33 + 4,916.67 x 2	3,166.67 + 4,500.00 + 4,916.67 x 2	3,166.67 + 4,583.33 + 4,916.67 x 2	3,166.67 + 4,916.67 x 3	4,333.33 + 4,916.67 x 3
				External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00
Field Wiring	Transmission Cable	Type	Factory Charging	Pa	78.45	78.45	78.45	78.45	78.45	78.45	78.45	
				Φ, mm <td>22.22</td> <td>22.22</td> <td>22.22</td> <td>22.22</td> <td>22.22</td> <td>22.22</td> <td>22.22</td>	22.22	22.22	22.22	22.22	22.22	22.22	22.22	
				Φ, inch <td>7/8"</td> <td>7/8"</td> <td>7/8"</td> <td>7/8"</td> <td>7/8"</td> <td>7/8"</td> <td>7/8"</td>	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	
				Φ, mm <td>53.98</td> <td>53.98</td> <td>53.98</td> <td>53.98</td> <td>53.98</td> <td>53.98</td> <td>53.98</td>	53.98	53.98	53.98	53.98	53.98	53.98	53.98	
Refrigerant	Sound Pressure	Sound Power	Type	Φ, inch <td>2 1/8"</td> <td>2 1/8"</td> <td>2 1/8"</td> <td>2 1/8"</td> <td>2 1/8"</td> <td>2 1/8"</td> <td>2 1/8"</td>	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	
				Φ, mm <td>41.28</td> <td>41.28</td> <td>41.28</td> <td>41.28</td> <td>41.28</td> <td>41.28</td> <td>41.28</td>	41.28	41.28	41.28	41.28	41.28	41.28	41.28	
				Φ, inch <td>1 5/8"</td> <td>1 5/8"</td> <td>1 5/8"</td> <td>1 5/8"</td> <td>1 5/8"</td> <td>1 5/8"</td> <td>1 5/8"</td>	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
				Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
External Dimension	Shipping Dimensions (WxHxD)	Net Dimensions (WxHxD)	Shipping Dimensions (WxHxD)	Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	
				Power Source Wire	mm2	-	-	-	-	-	-	-
				Transmission Cable	mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
				Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Operating Temp. Range	Cooling	Heating	Type	Factory Charging	kg	27.80	30.00	29.70	31.00	30.70	32.90	
				Sound Pressure	dB(A)	-	-	-	-	-	-	-
				Sound Power	dB(A)	-	-	-	-	-	-	-
				Net Weight	DVM S HP	kg	190.0 x 2 + 300.0 x 2	190.0 + 235.0 + 300.0 x 2	190.0 + 278.0 + 300.0 x 2	190.0 + 300.0 x 3	190.0 + 300.0 x 3	190.0 + 300.0 x 3
External Dimension	Shipping Weight	Net Dimensions (WxHxD)	Shipping Dimensions (WxHxD)	DVM S HR	195.0 x 2 + 306.0 x 2	195.0 + 241.0 + 306.0 x 2	195.0 + 284.0 + 306.0 x 2	195.0 + 306.0 x 3	195.0 + 306.0 x 3	195.0 + 306.0 x 3	241.0 + 306.0 x 3	
				DVM S HP	206.0 x 2 + 319.0 x 2	206.0 + 254.0 + 319.0 x 2	206.0 + 297.0 + 319.0 x 2	206.0 + 319.0 x 3	206.0 + 319.0 x 3	206.0 + 319.0 x 3	254.0 + 319.0 x 3	
				DVM S HR	211.0 x 2 + 325.0 x 2	211.0 + 260.0 + 325.0 x 2	211.0 + 303.0 + 325.0 x 2	211.0 + 325.0 x 3	211.0 + 325.0 x 3	211.0 + 325.0 x 3	260.0 + 325.0 x 3	
				Net Dimensions (WxHxD)	mm	(880 x 1,695 x 765) x 2 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 4
Operating Temp. Range	Cooling	Heating	Type	Shipping Dimensions (WxHxD)	mm	(948 x 1,857 x 832) x 2 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 4	
				DVM S HP	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
				DVM S HR	°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
				DVM S HR	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
 * If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
 * The maximum height of installation limitation for piping connections is only allowable when using PDM kits.



DVM S Mini

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

Model Name				AM040FXMDEH	AM050FXMDEH	AM060FXMDEH	AM040FXMDGH	AM050FXMDGH	AM060FXMDGH
Power Supply				Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP	HP	4	5.00	6.00	4	5.00	6.00
			kW	12.1	14.00	15.50	12.1	14.00	15.50
	Capacity (Nominal)	Cooling	Btu/h	41,300	47,800	52,900	41,300	47,800	52,900
			kW	13.5	16.00	18.00	13.5	16.00	18.00
Power	Power Input (Nominal)	Cooling 1)	Btu/h	46,100	54,600	61,400	46,100	54,600	61,400
			kW	2.89	3.68	4.31	2.89	3.68	4.31
	Current Input (Nominal)	Heating 2)	kW	3.02	3.61	4.39	3.02	3.61	4.39
			A	14	17.80	21.00	4.8	6.20	7.30
COP	MCA	Cooling 1)	kW	15.1	17.20	20.20	5	6.00	6.90
			A	22.00 (Max.)	24.00 (Max.)	32.00 (Max.)	12.00 (Max.)	13.00 (Max.)	14.00 (Max.)
	MFA	Heating 2)	kW	30.00	30.00	40.00	20.00	20.00	20.00
			A	4.186851211	3.80	3.60	4.186851211	3.80	3.60
Compressor	Type	Initial Charge	cc	4.470198675	4.43	4.10	4.470198675	4.43	4.10
			cc	1700	1700	1700	1700	1700	1700
	Oil	Initial Charge	cc	1700	1700	1700	1700	1700	1700
			cc	1700	1700	1700	1700	1700	1700
Fan	Type	Initial Charge	cc	1700	1700	1700	1700	1700	1700
			cc	1700	1700	1700	1700	1700	1700
	Output	Initial Charge	cc	1700	1700	1700	1700	1700	1700
			cc	1700	1700	1700	1700	1700	1700
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52
			3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	15.88	15.88	19.05	15.88	15.88	19.05	19.05
			5/8"	5/8"	3/4"	5/8"	5/8"	3/4"	3/4"
Field Wiring	Power Source Wire	mm2	2.5 ~ 4.0	2.5 ~ 4.0	4.0 ~ 6.0	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Transmission Cable	mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
			0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
			R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg	3.20	3.20	3.30	3.20	3.20	3.30	3.30
			3.20	3.20	3.30	3.20	3.20	3.30	3.30
Sound	Sound Pressure	dB(A)	50.0	51.0	53.0	50.0	51.0	53.0	53.0
			52.0	53.0	55.0	52.0	53.0	55.0	55.0
	Net Weight	kg	100.0	100.0	103.0	100.0	100.0	103.0	103.0
			100.0	100.0	103.0	100.0	100.0	103.0	103.0
External Dimension	Shipping Weight	kg	105.0	105.0	108.0	105.0	105.0	108.0	108.0
			105.0	105.0	108.0	105.0	105.0	108.0	108.0
	Net Dimensions (WxHxD)	mm	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330
			995 x 1,368 x 426	995 x 1,368 x 426	995 x 1,368 x 426	995 x 1,368 x 426	995 x 1,368 x 426	995 x 1,368 x 426	995 x 1,368 x 426
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
			-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0

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



4Way Cassette S

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



Model				AM045FN4DEH	AM056FN4DEH	AM071FN4DEH	AM090FN4DEH	AM112FN4DEH	AM128FN4DEH	AM140FN4DEH
Power Supply		Φ, #, V, Hz	-	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	1,2,220-240,50	1,2,220-240,50
Mode		-	-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	4.50	5.60	7.10	9.00	11.20	12.80	14.00
			Btu/h	15,400	19,100	24,200	30,700	38,200	43,700	47,800
		Heating	kW	5.00	6.30	8.00	10.00	12.50	13.80	16.00
			Btu/h	17,100	21,500	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	32.00	32.00	45.00	62.00	78.00	73.00	89.00
		Heating	W	32.00	32.00	45.00	62.00	78.00	73.00	89.00
	Current Input (Nominal)	Cooling	A	0.22	0.22	0.31	0.43	0.55	0.51	0.62
		Heating	A	0.22	0.22	0.31	0.43	0.55	0.51	0.62
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	-	-	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	14.50/13.50/12.50	15.00/14.00/13.00	17.00/15.50/14.50	19.50/18.00/16.50	26.00/24.00/22.00	28.00/26.00/23.00	30.00/28.00/26.00
			l/s	241.67/225.00/208.33	250.00/233.33/216.67	283.33/258.33/241.67	325.00/300.00/275.00	433.33/400.00/366.67	466.67/433.33/383.33	500.00/466.67/433.33
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-	-	-	-	-	-
			Pa	-	-	-	-	-	-	-
	Gas Pipe	Φ, inch	Φ, mm	6.35	6.35	9.52	9.52	9.52	9.52	9.52
			Φ, mm	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Field Wiring	Drain Pipe	Φ, mm	Φ, mm	12.70	12.70	15.88	15.88	15.88	15.88	15.88
			Φ, inch	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
	Power Source Wire	Below 20m / Over 20m	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Transmission Cable	mm ²	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	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	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Type	Control Method	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	34.0/33.0/31.0	34.0/33.0/31.0	36.0/35.0/34.0	40.0/37.0/34.0	41.0/39.0/37.0	42.0/40.0/37.0	44.0/42.0/39.0
			dBA	-	-	-	-	-	-	-
	Net Weight	Shipping Weight	kg	15.50	15.50	15.50	15.50	17.00	19.00	19.00
			kg	19.50	19.50	19.50	19.50	20.00	22.50	22.50
Panel Size	Net Dimensions (WxHxD)	Shipping Dimensions (WxHxD)	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840
			mm	898 x 275 x 898	898 x 275 x 898	898 x 275 x 898	898 x 275 x 898	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898
	Panel Model	Panel Net Weight	-	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
			kg	6.70	6.70	6.70	6.70	6.70	6.70	6.70
Additional Accessories	Shipping Weight	Net Dimensions (WxHxD)	kg	8.90	8.90	8.90	8.90	8.90	8.90	8.90
			mm	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950
	Shipping Dimensions (WxHxD)	Shipping Dimensions (WxHxD)	mm	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950
			mm	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	-	-	-	-	-	-	-	-
			mm / liter/h	-	-	-	-	-	-	-
	Air Filter	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-

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

Optional Accessories





Mini 4Way Cassette S

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



Model				AM022FNNDEH	AM028FNNDEH	AM036FNNDEH	AM045FNNDEH	AM056FNNDEH	AM060FNNDEH
Power Supply		Φ, #, V, Hz	-	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	1,2,220-240,50
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60	6.00
			Btu/h	7,500	9,600	12,300	15,400	19,100	20,500
		Heating	kW	2.50	3.20	4.00	5.00	6.30	6.80
			Btu/h	8,500	10,900	13,600	17,100	21,500	23,200
Power	Power Input (Nominal)	Cooling	W	18.00	18.00	20.00	23.00	28.00	31.00
		Heating	W	18.00	18.00	20.00	23.00	28.00	31.00
	Current Input (Nominal)	Cooling	A	0.17	0.17	0.19	0.22	0.27	0.30
		Heating	A	0.17	0.17	0.19	0.22	0.27	0.30
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.00/7.70/6.50	10.00/8.50/7.50	10.50/9.50/8.00	11.50/10.20/9.00	13.00/11.00/9.50	13.50/12.00/10.20
			l/s	150.00/128.33/108.33	166.67/141.67/125.00	175.00/158.33/133.33	191.67/170.00/150.00	216.67/183.33/158.33	225.00/200.00/170.00
Piping Connections	Liquid Pipe		mmAq	-	-	-	-	-	-
			Pa	-	-	-	-	-	-
	Gas Pipe		Φ, mm	6.35	6.35	6.35	6.35	6.35	6.35
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	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	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A
			-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	32.0/30.0/27.0	34.0/30.0/26.0	36.0/34.0/31.0	36.0/35.0/33.0	40.0/37.0/34.0	41.0/37.0/34.0
			dBA	32.0/30.0/27.0	34.0/30.0/26.0	36.0/34.0/31.0	36.0/35.0/33.0	40.0/37.0/34.0	41.0/37.0/34.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-	-
			dBA	-	-	-	-	-	-
Dimensions	Net Weight		kg	12.00	12.00	12.00	12.00	12.00	12.00
			kg	12.00	12.00	12.00	12.00	12.00	12.00
	Shipping Weight		kg	14.00	14.00	14.00	14.00	14.00	14.00
			kg	14.00	14.00	14.00	14.00	14.00	14.00
Panel Size	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
			mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
			mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
Additional Accessories	Panel Model		-	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN
			-	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN
	Panel Net Weight		kg	2.70	2.70	2.70	2.70	2.70	2.70
			kg	2.70	2.70	2.70	2.70	2.70	2.70
Optional Accessories	Shipping Weight		kg	4.20	4.20	4.20	4.20	4.20	4.20
			kg	4.20	4.20	4.20	4.20	4.20	4.20
	Net Dimensions (WxHxD)		mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
			mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
Additional Accessories	Shipping Dimensions (WxHxD)		mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
			mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
	Drain Pump	Drain Pump	-	-	-	-	-	-	-
			-	-	-	-	-	-	-
Additional Accessories	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-
			-	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-	-
			-	-	-	-	-	-	-

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

Optional Accessories

Individual Controllers



MWR-WE10N MR-DH00

Panel



PC4SUSMAN PC4SUSMEN

Slim 1Way Cassette



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



				50Hz	
Model		AM022FN1DEH		AM028FN1DEH	
Power Supply		Φ, #, V, Hz		1,2,220-240,50	
Mode		-		HP / HR	
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80
			Btu/h	7,500	9,600
		Heating	kW	2.60	3.20
			Btu/h	8,900	10,900
Power	Power Input (Nominal)	Cooling	W	50.00	50.00
		Heating	W	50.00	50.00
	Current Input (Nominal)	Cooling	A	0.20	0.23
		Heating	A	0.20	0.23
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	6.00/5.00/4.00	7.00/6.00/5.00
			l/s	100.00/83.33/66.67	116.67/100.00/83.33
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-
			Pa	-	-
	Gas Pipe	Φ, inch	mmAq	-	-
			Pa	-	-
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
			-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
			-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	27.0/25.0/23.0	29.0/27.0/24.0
			dBA	-	-
	Sound Power	High / Mid / Low	dBA	-	-
			dBA	-	-
Dimensions	Net Weight		kg	10.50	10.50
			kg	13.00	13.00
	Shipping Weight		mm	970 x 135 x 410	970 x 135 x 410
			mm	1164 x 212 x 478	1164 x 212 x 478
Panel Size	Panel Model		-	PC1NUSMAN	PC1NUSMAN
			-	PC1NUSMAN	PC1NUSMAN
	Panel Net Weight		kg	3.00	3.00
			kg	5.00	5.00
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-
			mm / liter/h	-	-
	Air Filter		-	-	-
			-	-	-

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

Optional Accessories



2Way Cassette



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



				50Hz	
Model		AM056FN2DEH		AM071FN2DEH	
Power Supply		Φ, #, V, Hz		1,2,220-240,50	
Mode		-		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	70.00	75.00
		Heating	W	70.00	75.00
	Current Input (Nominal)	Cooling	A	0.38	0.40
		Heating	A	0.38	0.40
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output	W	14 x 2	14 x 2
	Air Flow Rate	High / Mid / Low (UL)	CMM	14.00/13.00/12.00	15.00/14.00/13.00
			l/s	233.33/216.67/200.00	250.00/233.33/216.67
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-
			Pa	-	-
	Gas Pipe	Φ, inch	mmAq	-	-
			Pa	-	-
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
			-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
			-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	38.0/37.0/35.0	41.0/39.0/37.0
			dBA	-	-
	Sound Power	High / Mid / Low	dBA	-	-
			dBA	-	-
Dimensions	Net Weight		kg	21.00	22.00
			kg	25.00	26.00
	Shipping Weight		mm	890 x 230 x 575	890 x 230 x 575
			mm	1077 x 299 x 642	1077 x 299 x 642
Panel Size	Panel Model		-	PC2NUSMEN	PC2NUSMEN
			-	PC2NUSMEN	PC2NUSMEN
	Panel Net Weight		kg	4.00	4.00
			kg	8.00	8.00
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-
			mm / liter/h	-	-
	Air Filter		-	-	-
			-	-	-

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

Optional Accessories





HSP Duct

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



Model				AM112FNHDEH	AM128FNHDEH	AM140FNHDEH	AM220FNHDEH	AM280FNHDEH
Power Supply		Φ, #, V, Hz	-	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
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	11.20	12.80	14.00	22.40	28.00
			Btu/h	38,200	43,700	47,800	76,400	95,500
		Heating	kW	12.50	13.80	16.80	25.00	31.50
			Btu/h	42,700	47,100	57,300	85,300	107,500
Power	Power Input (Nominal)	Cooling	W	510.00	560.00	625.00	530.00	790.00
		Heating		510.00	560.00	625.00	530.00	790.00
	Current Input (Nominal)	Cooling	A	3.60	3.75	3.90	3.80	5.90
		Heating		3.60	3.75	3.90	3.80	5.90
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	400 x 1	400 x 1	-	400 x 1	400 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	32.00/27.00/23.00	35.00/31.00/28.00	39.00/33.00/28.00	58.00/52.00/47.00	72.00/65.00/58.00
			l/s	533.33/450.00/383.33	583.33/516.67/466.67	650.00/550.00/466.67	966.67/866.67/783.33	1,200.00/1,083.33/966.67
Piping Connections	Gas Pipe	Min. / Std. / Max.	mmAq	5.00/10.00/20.00	5.00/10.00/20.00	5.00/10.00/20.00	5.00/15.00/25.00	5.00/15.00/28.00
			Pa	49.03/98.07/196.13	49.03/98.07/196.13	49.03/98.07/196.13	49.03/147.10/245.17	49.03/147.10/274.59
	Liquid Pipe		Φ, mm	9.52	9.52	9.52	9.52	9.52
			Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	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	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	43.0/41.0/39.0	44.0/42.0/40.0	45.0/43.0/41.0	45.0/43.0/41.0	48.0/46.0/43.0
			dBA	-	-	-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
			dBA	-	-	-	-	-
Dimensions	Net Weight		kg	62.00	70.00	62.00	89.00	89.00
			kg	70.00	75.00	70.00	99.00	99.00
	Shipping Weight		kg	70.00	75.00	70.00	99.00	99.00
			kg	70.00	75.00	70.00	99.00	99.00
Panel Size	Net Dimensions (WxHxD)		mm	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	1240 x 470 x 1040	1240 x 470 x 1040
			mm	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1507 x 558 x 1155	1507 x 558 x 1155
	Shipping Dimensions (WxHxD)		mm	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1507 x 558 x 1155	1507 x 558 x 1155
			mm	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1507 x 558 x 1155	1507 x 558 x 1155
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	MDP-M075SGU1D	MDP-M075SGU2D	MDP-M075SGU2D	MDP-N047SNC1D	MDP-N047SNC1D
			mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-
			-	-	-	-	-	-

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

Optional Accessories

Individual Controllers



MWR-WE10N



MR-DH00



MRK-A10N

Drain Pump



MDP-M075SGU1D
MDP-M075SGU2D
MDP-N047SNC1D

MSP Duct



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



Model				AM022FNMDEH	AM028FNMDEH	AM036FNMDEH	AM045FNMDEH	AM056FNMDEH
Power Supply		Φ, #, V, Hz	-	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
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60
			Btu/h	7,500	9,600	12,300	15,400	19,100
		Heating	kW	2.50	3.20	4.00	5.00	6.30
			Btu/h	8,500	10,900	13,600	17,100	21,500
Power	Power Input (Nominal)	Cooling	W	80.00	80.00	85.00	125.00	130.00
		Heating	W	80.00	80.00	85.00	125.00	130.00
	Current Input (Nominal)	Cooling	A	0.40	0.40	0.55	1.15	1.10
		Heating	A	0.40	0.40	0.55	1.15	1.10
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	69 x 1	112 x 1	124 x 1	124 x 1	124 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.50/7.50/6.30	10.00/9.20/7.50	12.00/10.20/8.80	14.00/12.00/10.50	14.50/13.00/11.50
			l/s	141.67/125.00/105.00	166.67/153.33/125.00	200.00/170.00/146.67	233.33/200.00/175.00	241.67/216.67/191.67
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/2.00/6.00	0.00/2.00/6.00	0.00/2.00/6.00	0.00/4.00/8.00	0.00/4.00/8.00
Piping Connections	Liquid Pipe	Φ, mm	Pa	0.00/19.61/58.84	0.00/19.61/58.84	0.00/19.61/58.84	0.00/39.23/78.45	0.00/39.23/78.45
			Φ, inch	6.35	6.35	6.35	6.35	6.35
	Gas Pipe	Φ, mm	Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"
			Φ, mm	12.70	12.70	12.70	12.70	12.70
	Drain Pipe	Φ, mm	Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	23.0/21.0/19.0	24.0/22.0/19.0	29.0/27.0/24.0	32.0/30.0/28.0	35.0/33.0/31.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	23.50	23.50	23.50	29.00	29.00
	Shipping Weight		kg	28.00	28.00	28.00	33.00	33.00
	Net Dimensions (WxHxD)		mm	900 x 199 x 600	900 x 199 x 600	900 x 199 x 600	900 x 260 x 480	900 x 260 x 480
	Shipping Dimensions (WxHxD)		mm	1150 x 280 x 710	1150 x 280 x 710	1150 x 280 x 710	1170 x 340 x 595	1170 x 340 x 595
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-M075SGU3D	MDP-M075SGU3D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-

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

Optional Accessories

Individual Controllers

MWR-WE10N

MR-DH00

MRK-A10N

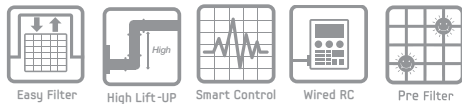
Drain Pump

MDP-E075SEE3D
MDP-M075SGU1D
MDP-M075SGU2D
MDP-M075SGU3D

MSP Duct



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



Model				AM071FNMDEH	AM090FNMDEH	AM112FNMDEH	AM128FNMDEH	AM140FNMDEH
Power Supply		Φ, #, V, Hz	-	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
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	7.10	9.00	11.20	12.80	14.00
			Btu/h	24,200	30,700	38,200	43,700	47,800
		Heating	kW	8.00	10.00	12.50	13.80	16.00
			Btu/h	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	190.00	240.00	260.00	370.00	410.00
		Heating	W	190.00	240.00	260.00	370.00	410.00
	Current Input (Nominal)	Cooling	A	1.25	1.30	1.17	1.67	1.86
		Heating	A	1.25	1.30	1.17	1.67	1.86
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	124 x 1	130 x 1	130 x 1	218 x 1	218 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	18.50/17.00/15.50	19.50/18.00/16.50	27.00/25.00/23.00	32.00/30.00/28.00	37.00/34.00/31.00
			l/s	308.33/283.33/258.33	325.00/300.00/275.00	450.00/416.67/383.33	533.33/500.00/466.67	616.67/566.67/516.67
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/4.00/8.00	4.00/6.00/8.00	4.00/8.00/12.00	4.00/8.00/14.00	4.00/8.00/14.00
Piping Connections	Liquid Pipe		Pa	0.00/39.23/78.45	39.23/58.84/78.45	39.23/78.45/117.68	39.23/78.45/137.29	39.23/78.45/137.29
			Φ, mm	9.52	9.52	9.52	9.52	9.52
	Gas Pipe		Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"
			Φ, mm	15.88	15.88	15.88	15.88	15.88
	Drain Pipe		Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	39.0/35.0/31.0	40.0/37.0/34.0	41.0/40.0/38.0	41.0/40.0/38.0	42.0/39.0/36.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	29.00	34.00	36.00	52.00	52.00
	Shipping Weight		kg	33.00	39.00	42.00	59.00	59.00
	Net Dimensions (WxHxD)		mm	900 x 260 x 480	1150 x 260 x 480	1150 x 320 x 480	1200 x 360 x 650	1200 x 360 x 650
	Shipping Dimensions (WxHxD)		mm	1170 x 340 x 595	1420 x 340 x 595	1420 x 400 x 595	1480 x 420 x 790	1480 x 420 x 790
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-M075SGU3D	MDP-M075SGU1D	MDP-M075SGU1D	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.

Optional Accessories

Individual Controllers



MWR-WE10N



MR-DH00



MRK-A10N

Drain Pump



MDP-E075SEE3D
MDP-M075SGU1D
MDP-M075SGU2D
MDP-M075SGU3D

Slim Duct



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



Model				AM017FNLDEH	AM022FNLDEH	AM028FNLDEH	AM036FNLDEH	AM045FNLDEH	AM056FNLDEH
Power Supply		Φ, #, V, Hz			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
Mode					HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	1.70	2.20	2.80	3.60	4.50	5.60
			Btu/h		7,500	9,600	12,300	15,400	19,100
	Heating		kW	1.90	2.50	3.20	4.00	5.00	6.30
			Btu/h		8,500	10,900	13,600	17,100	21,500
Power	Power Input (Nominal)	Cooling	W		55.00	60.00	65.00	90.00	95.00
		Heating			55.00	60.00	65.00	90.00	95.00
	Current Input (Nominal)	Cooling	A		0.30	0.32	0.33	0.52	0.53
		Heating			0.30	0.32	0.33	0.52	0.53
Fan	Motor	Type			Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W		69 x 1	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM		7.00/6.10/5.30	7.50/6.60/5.60	7.50/6.60/5.60	11.00/9.60/8.30	12.00/10.50/9.00
			l/s		116.67/101.67/88.33	125.00/110.00/93.33	125.00/110.00/93.33	183.33/160.00/138.33	200.00/175.00/150.00
Piping Connections	Liquid Pipe		Φ, mm		6.35	6.35	6.35	6.35	6.35
			Φ, inch		1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe		Φ, mm		12.70	12.70	12.70	12.70	12.70
			Φ, inch	TBD	1/2"	1/2"	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)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
	Power Source Wire	Below 20m / Over 20m	mm ²		1.5 ~ 2.5	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	0.75 ~ 1.50
Refrigerant	Transmission Cable		mm ²		0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Type		-		R410A	R410A	R410A	R410A	R410A
		Control Method	-		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA		26.0/24.0/21.0	28.0/26.0/23.0	32.0/30.0/27.0	35.0/31.0/26.0	36.0/34.0/31.0
	Sound Power	High / Mid / Low	dBA		-	-	-	-	-
Dimensions	Net Weight		kg		19.00	19.00	19.50	23.50	23.50
					23.00	23.00	23.50	28.00	28.00
	Shipping Weight		kg						
Panel Size	Net Dimensions (WxHxD)		mm		700 x 199 x 600	700 x 199 x 600	700 x 199 x 600	900 x 199 x 600	900 x 199 x 600
					950 x 270 x 710	950 x 270 x 710	950 x 270 x 710	1150 x 280 x 710	1150 x 280 x 710
	Shipping Dimensions (WxHxD)		mm						
Additional Accessories	Panel Model		-		-	-	-	-	-
	Panel Net Weight		kg		-	-	-	-	-
Additional Accessories	Shipping Weight		kg		-	-	-	-	-
	Net Dimensions (WxHxD)		mm		-	-	-	-	-
Additional Accessories	Shipping Dimensions (WxHxD)		mm		-	-	-	-	-
	Drain Pump	Drain Pump	-		MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
		Max. Lifting Height / Displacement	mm / liter/h		-	-	-	-	-
Additional Accessories	Air Filter		-		-	-	-	-	-

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

Optional Accessories

Individual Controllers



MWR-WE10NMR-DH00MRK-A10N

Drain Pump



MDP-E075SEE3D

Slim Duct



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



Model				AM071FNLDEH	AM090FNLDEH	AM112FNLDEH	AM128FNLDEH	AM140FNLDEH
Power Supply		Φ, #, V, Hz	-	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
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	7.10	9.00	11.20	12.80	14.00
			Btu/h	24,200	30,700	38,200	43,700	47,800
		Heating	kW	8.00	10.00	12.50	13.80	16.00
			Btu/h	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	120.00	170.00	170.00	200.00	220.00
		Heating	W	120.00	170.00	170.00	200.00	220.00
	Current Input (Nominal)	Cooling	A	0.60	0.96	0.96	1.28	1.43
		Heating	A	0.60	0.96	0.96	1.28	1.43
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	16.50/15.00/13.50	29.00/27.00/25.00	31.20/29.00/27.00	34.00/32.00/30.00	36.00/34.00/32.00
			l/s	275.00/250.00/225.00	483.33/450.00/416.67	520.00/483.33/450.00	566.67/533.33/500.00	600.00/566.67/533.33
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/2.00/4.00	0.00/3.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00
			Pa	0.00/19.61/39.23	0.00/29.42/58.84	0.00/29.42/58.84	0.00/29.42/58.84	0.00/29.42/58.84
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	9.52	
		Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	15.88	15.88	15.88	15.88	15.88	
		Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"	
	Drain Pipe	Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	38.0/36.0/33.0	37.0/36.0/34.0	37.0/36.0/34.0	37.0/36.0/34.0	39.0/38.0/34.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	30.00	44.00	44.00	46.00	46.00
	Shipping Weight		kg	35.00	52.00	52.00	54.00	54.00
	Net Dimensions (WxHxD)		mm	1100 x 199 x 600	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690
	Shipping Dimensions (WxHxD)		mm	1350 x 280 x 710	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-

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

Optional Accessories

Individual Controllers



MWR-WE10N



MR-DH00



MRK-A10N

Drain Pump



MDP-E075SEE3D



Neo Forte

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



Model				AM022FNTDEH	AM028FNTDEH	AM036FNTDEH	AM056FNTDEH	AM071FNTDEH
Power Supply		Φ, #, V, Hz	-	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
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	5.60	6.80
			Btu/h	7,500	9,600	12,300	19,100	23,200
		Heating	kW	2.50	3.20	4.00	6.30	7.00
			Btu/h	8,500	10,900	13,600	21,500	23,900
Power	Power Input (Nominal)	Cooling	W	25.00	25.00	30.00	45.00	50.00
		Heating	W	25.00	25.00	30.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.16	0.16	0.18	0.27	0.30
		Heating	A	0.16	0.16	0.18	0.27	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	40 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.80/6.80/5.80	7.80/6.80/5.80	9.30/8.30/7.30	12.00/10.50/9.00	14.00/12.50/11.00
			l/s	130.00/113.33/96.67	130.00/113.33/96.67	155.00/138.33/121.67	200.00/175.00/150.00	233.33/208.33/183.33
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-
			Pa	-	-	-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	1/4"	1/4"	3/8"
	Gas Pipe		Φ, mm	12.70	12.70	12.70	12.70	15.88
			Φ, inch	1/2"	1/2"	1/2"	1/2"	5/8"
Field Wiring	Drain Pipe		Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
			Power Source Wire	Below 20m / Over 20m	1.5 ~ 2.5	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	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
			-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	31.0/29.0/27.0	31.0/29.0/27.0	31.0/29.0/27.0	44.0/41.0/38.0	45.0/42.0/38.0
			dBA	-	-	-	-	-
Dimensions	Net Weight		kg	8.00	8.00	8.00	13.00	13.00
			kg	11.00	11.00	11.00	16.00	16.00
			mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218
			mm	904 x 353 x 263	904 x 353 x 263	904 x 353 x 263	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-	-	-
			kg	-	-	-	-	-
			kg	-	-	-	-	-
			mm	-	-	-	-	-
			mm	-	-	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	-	-	-	-	-	-
			mm / liter/h	-	-	-	-	-
			-	-	-	-	-	-

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

Optional Accessories

Individual Controllers



MWR-WE10NMR-DH00

Standard Accessories

Wireless Remote Controller





Neo Forte - E

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



Model				AM022FNQDEH	AM028FNQDEH	AM036FNQDEH	AM045FNQDEH	AM056FNQDEH	AM071FNQDEH
Power Supply		Φ, #, V, Hz		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	1,2,220-240,50
Mode		-		HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60	6.80
			Btu/h	7,500	9,600	12,300	15,400	19,100	23,200
		Heating	kW	2.50	3.20	4.00	5.00	6.30	7.00
			Btu/h	8,500	10,900	13,600	17,100	21,500	23,900
Power	Power Input (Nominal)	Cooling	W	25.00	25.00	30.00	40.00	45.00	50.00
		Heating	W	25.00	25.00	30.00	40.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.16	0.16	0.18	0.24	0.27	0.30
		Heating	A	0.16	0.16	0.18	0.24	0.27	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	40 x 1	40 x 1	40 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.80/6.80/5.80	7.80/6.80/5.80	9.30/8.30/7.30	11.70/10.20/8.70	13.00/10.50/9.00	14.00/12.50/11.00
			l/s	130.00/113.33/96.67	130.00/113.33/96.67	155.00/138.33/121.67	195.00/170.00/145.00	216.67/175.00/150.00	233.33/208.33/183.33
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-	-	-	-	-
			Pa	-	-	-	-	-	-
	Gas Pipe	Φ, inch	Φ, mm	6.35	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	12.70	12.70	12.70	12.70	12.70	15.88
			mm ²	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"
	Transmission Cable	mm ²	Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Type	-	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	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	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Control Method	-	mm ²	R410A	R410A	R410A	R410A	R410A	R410A
			mm ²	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	30.0/28.0/26.0	30.0/28.0/26.0	37.0/33.0/29.0	39.0/37.0/35.0	41.0/38.0/35.0	44.0/40.0/35.0
			dBA	-	-	-	-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-	-
			dBA	-	-	-	-	-	-
Dimensions	Net Weight	kg	kg	8.30	8.30	8.30	13.50	13.50	13.50
			kg	11.30	11.30	11.30	16.50	16.50	16.50
	Shipping Weight	mm	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218	1065 x 298 x 218
			mm	904 x 353 x 263	904 x 353 x 263	904 x 353 x 263	1137 x 377 x 299	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model	-	kg	-	-	-	-	-	-
			kg	-	-	-	-	-	-
	Shipping Weight	mm	kg	-	-	-	-	-	-
			mm	-	-	-	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm	-	-	-	-	-	-
			mm / liter/h	-	-	-	-	-	-
	Air Filter	-	mm	-	-	-	-	-	-
			mm	-	-	-	-	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
* The concept of Neo Forte(EEV included) is for commercial application only.

Optional Accessories

Individual Controllers



MWR-WE10N MR-DH00

Standard Accessories

Wireless Remote Controller

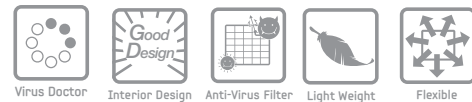


DVMS Specification - Indoor Units



Console

- Slim & Smart Design
- 2Way Air Outlet
- Silent Operation
- New Communication Protocol



Model				AM028FNJDEH	AM036FNJDEH	AM056FNJDEH
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	2.80	3.60	5.60
			Btu/h	9,600	12,300	19,100
		Heating	kW	3.20	4.00	6.30
			Btu/h	10,900	13,600	21,500
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	62.00
		Heating	W	30.00	35.00	62.00
	Current Input (Nominal)	Cooling	A	0.25	0.29	0.49
		Heating	A	0.25	0.29	0.49
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	37 x 1	37 x 1	37 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.00/6.00/5.00	8.50/7.50/6.50	13.00/11.50/10.00
			l/s	116.67/100.00/83.33	141.67/125.00/108.33	216.67/191.67/166.67
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-	-
			Pa	-	-	-
	Gas Pipe	Φ, inch	Φ, mm	6.35	6.35	6.35
			Φ, mm	1/4"	1/4"	1/4"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	12.70	12.70	12.70
			Φ, inch	1/2"	1/2"	1/2"
	Transmission Cable	mm ²	Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Type	Control Method	-	R410A	R410A	R410A
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Sound Pressure	High / Mid / Low	dBA	38.0/36.0/34.0	39.0/37.0/34.0	43.0/40.0/37.0
			dBA	-	-	-
Dimensions	Net Weight	kg	kg	16.00	16.00	16.00
			kg	21.00	21.00	21.00
	Net Dimensions (WxHxD)	mm	mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
			mm	810 x 710 x 295	810 x 710 x 295	810 x 710 x 295
Panel Size	Panel Model	kg	-	-	-	-
			-	-	-	-
	Shipping Weight	kg	-	-	-	-
			-	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
			mm / liter/h	-	-	-
	Air Filter	-	-	-	-	-
			-	-	-	-

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

Optional Accessories

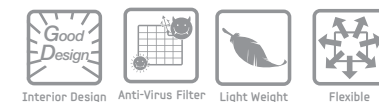


Standard Accessories



Ceiling

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



Model				AM056FNCDEH	AM071FNCDEH
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	W	60 x 1	120 x 1
	Air Flow Rate	High / Mid / Low (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
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-
			Pa	-	-
	Gas Pipe	Φ, inch	Φ, mm	6.35	9.52
			Φ, mm	1/4"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	12.70	15.88
			Φ, inch	1/2"	5/8"
	Transmission Cable	mm ²	Φ, mm	ID 18 HOSE	ID 18 HOSE
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Type	Control Method	-	R410A	R410A
			-	EEV NOT INCLUDED	EEV NOT INCLUDED
	Sound Pressure	High / Mid / Low	dBA	40.0/37.0/34.0	44.0/42.0/40.0
			dBA	-	-
Dimensions	Net Weight	kg	kg	21.00	21.00
			kg	25.50	25.50
	Net Dimensions (WxHxD)	mm	mm	1000 x 650 x 200	1000 x 650 x 200
			mm	1080 x 730 x 300	1080 x 730 x 300
Panel Size	Panel Model	kg	-	-	-
			-	-	-
	Shipping Weight	kg	-	-	-
			-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-
			mm / liter/h	-	-
	Air Filter	-	-	-	-
			-	-	-

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

Optional Accessories



DVMS Specification - Indoor Units



Concealed Floor Standing

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



Pre Filter

Model				AM036FNFDEH	AM056FNFDEH	AM071FNFDEH
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	3.60	5.60	7.10
			Btu/h	12,300	19,100	24,200
		Heating	kW	4.00	6.30	8.00
			Btu/h	13,600	21,500	27,300
Power	Power Input (Nominal)	Cooling	W	50.00	110.00	110.00
		Heating	W	50.00	110.00	110.00
	Current Input (Nominal)	Cooling	A	0.24	0.53	0.53
		Heating	A	0.24	0.53	0.53
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	11.00/-	16.50/-	19.00/-
			l/s	183.33/-	275.00/-	316.67/-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	9.52	
		Φ, inch	1/4"	1/4"	3/8"	
	Gas Pipe	Φ, mm	12.70	12.70	15.88	
		Φ, inch	1/2"	1/2"	5/8"	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	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
Refrigerant	Type		-	R410A	R410A	R410A
			-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	37.0/32.0/27.0	40.0/36.0/32.0	40.0/36.0/32.0
			dBA	-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-
			dBA	-	-	-
Dimensions	Net Weight		kg	23.00	28.50	28.50
			kg	27.00	33.30	33.30
	Shipping Weight		mm	945 x 600 x 220	1225 x 600 x 220	1225 x 600 x 220
			mm	1035 x 690 x 310	1335 x 690 x 310	1335 x 690 x 310
Panel Size	Panel Model		-	-	-	-
			-	-	-	-
	Panel Net Weight		kg	-	-	-
			kg	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
			mm / liter/h	-	-	-
	Air Filter		-	-	-	-
			-	-	-	-

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

Optional Accessories



DVMS Specification - ERV Plus



ERV PLUS

- Humidifier element (Optional)
- CO₂ Sensor (Optional)
- Slim Design
- Virus Doctor (Optional)
- Direct Expansion (DX) Coil
- New Diamond Type Element
- New Communication Protocol

Model				AM050FNKDEH	AM100FNKDEH
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	5.10	10.50
			Btu/h	17,400	35,800
		Heating	kW	6.50	13.20
			Btu/h	22,200	45,000
Power	Power Input (Nominal)	Cooling	W	220.00	510.00
		Heating	W	220.00	510.00
	Current Input (Nominal)	Cooling	A	1.70	3.70
		Heating	A	1.70	3.70
Fan	Motor	Type	-	Sirocco Fan / BLDC	Sirocco Fan / BLDC
		Output	W	60 x 2	100 x 2
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.33/-	16.67/-
			l/s	138.89/-	277.78/-
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	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
			-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
			-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	38.5/-	40.5/-
			dBA	-	-
	Sound Power	High / Mid / Low	dBA	-	-
			dBA	-	-
Dimensions	Net Weight		kg	61.00	90.00
			kg	75.20	107.50
	Shipping Weight		mm	1553 x 270 x 1000	1763 x 340 x 1135
			mm	1847 x 349 x 1300	2027 x 428 x 1424
Panel Size	Panel Model		-	-	-
			-	-	-
	Panel Net Weight		kg	-	-
			kg	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-
			mm / liter/h	-	-
	Air Filter		-	-	-
			-	-	-

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

Optional Accessories



DVM Plus IV Specification - Indoor Units



DVM Hydro

- 50°C Hot Water Supply
- Integrated Control System

Model				ADN160BDEHA	ADN320BDEHA	ADN500BDEHA
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	14.00	28.00	44.80
			Btu/h	47,800	95,500	152,900
		Heating	kW	16.00	31.00	50.40
			Btu/h	54,600	105,800	172,000
Power	Power Input (Nominal)	Cooling	W	-	-	-
		Heating	W	-	-	-
	Current Input (Nominal)	Cooling	A	-	-	-
		Heating	A	-	-	-
Fan	Motor	Type	-	-	-	-
		Output	W	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	-	-	-
			l/s	-	-	-
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-
			Pa	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	
		Φ, inch	3/8"	3/8"	1/2"	
	Gas Pipe	Φ, mm	15.88	22.23	28.58	
		Φ, inch	5/8"	7/8"	1 1/8"	
Field Wiring	Drain Pipe	Φ, mm	-	-	-	
	Power Source Wire	Below 20m / Over 20m	mm ²	-	-	-
			mm ²	-	-	-
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-
Dimensions	Net Weight		kg	33.00	35.00	45.00
	Shipping Weight		kg	38.00	40.00	50.00
	Net Dimensions (WxHxD)		mm	518 x 626 x 333	518 x 626 x 333	518 x 626 x 333
	Shipping Dimensions (WxHxD)		mm	615 x 667 x 380	615 x 667 x 380	615 x 667 x 380
Panel Size	Panel Model		-	-	-	-
	Panel Net Weight		kg	-	-	-
	Shipping Weight		kg	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-
Additional Accessories	Shipping Dimensions (WxHxD)		mm	-	-	-
	Drain Pump	Drain Pump	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-
		Air Filter		-	-	-

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

Optional Accessories

Individual Controllers


MWR-VW00



Concealed Floor Standing(DVM Plus IV)

- Ideal for installation beneath a window
- Ideal for perimeter refurbishments



Pre Filter

Model				AM036BFDEH	AM056BFDEH	AM071FBFDEH
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	3.60	5.60	7.10
			Btu/h	12,300	19,100	24,200
		Heating	kW	4.00	6.30	8.00
			Btu/h	13,600	21,500	27,300
Power	Power Input (Nominal)	Cooling	W	50.00	110.00	110.00
		Heating		50.00	110.00	110.00
	Current Input (Nominal)	Cooling	A	0.24	0.53	0.53
		Heating		0.24	0.53	0.53
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	11.00/-/-	16.50/-/-	19.00/-/-
			l/s	183.33/-/-	275.00/-/-	316.67/-/-
Piping Connections	Liquid Pipe		mmAq	-	-	-
			Pa	-	-	-
	Gas Pipe		Φ, mm	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	3/8"
Field Wiring	Drain Pipe		Φ, mm	12.70	12.70	15.88
			Φ, inch	1/2"	1/2"	5/8"
	Power Source Wire	Below 20m / Over 20m	mm ²	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
				1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
				0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Sound	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Dimensions	Sound Pressure	High / Mid / Low	dBA	37.0/32.0/27.0	40.0/36.0/32.0	40.0/36.0/32.0
		High / Mid / Low	dBA	-	-	-
	Sound Power		kg	23.00	28.50	28.50
			kg	27.00	33.30	33.30
Panel Size	Net Dimensions (WxHxD)		mm	945 x 600 x 220	1225 x 600 x 220	1225 x 600 x 220
			mm	1035 x 690 x 310	1335 x 690 x 310	1335 x 690 x 310
	Shipping Dimensions (WxHxD)		-	-	-	-
			-	-	-	-
Additional Accessories	Panel Net Weight		kg	-	-	-
			kg	-	-	-
	Shipping Weight		mm	-	-	-
			mm	-	-	-
Air Filter	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
			-	-	-	-

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

Optional Accessories

Individual Controllers


MWR-WE10


MR-DH00


MRK-A00


MRW-10A

FJM Lineup - Outdoor Units

FREE JOINT MULTI

4kW

5kW

5.2kW



6.8kW

7kW

8kW

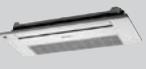


10kW



FJM Lineup & Feature - Indoor Units

Cassette

MODEL		 Mini 4Way S	 Slim 1Way
CAPACITY	1.6	●	
	2.0	●	
	2.6	●	●
	3.0		
	3.5	●	●
	5.2	●	
FEATURES	 Powerful Airflow	●	●
	 Ceiling Dust Prevention	●	●
	 High Lift-up Drain Pump	●	●
	 Sub Duct	●	
	 Fresh Air Intake	●	

Duct

MODEL		 MSP	 Slim
CAPACITY	2.6		●
	3.5		●
	5.2	●	
FEATURES	 Pre Filter	●	●
	 Easy Filter Cleaning	●	●
	 High Lift-Up Drain Pump	●	●
	 Smart Pressure Control	●	●

Wall-mounted

MODEL		 Y Series	 P Series	 P Plus Series	 Crystal	 New Crystal	 Neo Forte
CAPACITY	2.0		●	●	●		●
	2.6	●	●	●	●	●	●
	3.5	●	●	●	●	●	●
	5.2	●	●	●	●	●	●
	7.0		●	●		●	
FEATURES	 Virus Doctor	●			●	●	
	 Full HD Filter	●	●	●		●	
	 Deodorizing Filter				●		●
	 Catechin Filter				●		
	 Smart Inverter	●	●	●	●	●	●
	 d'light Cool	●			●	●	
	 good'sleep	●	●	●	●	●	●
	 Wide Twin Blade	●					
	 3D Wind	●					
	 Turbo Cooling	●	●	●	●	●	

Console

MODEL		 Console
CAPACITY	2.6	●
	3.5	●
	5.2	●
FEATURES	 Virus Doctor	●
	 Interior Design	●
	 Anti-virus Filter	●
	 Lightweight Unit	●
	 Flexible Pipe Installation	●



Free Joint Multi

- One Outdoor Unit, Multiple Indoor Units
- Universal Indoor Units
- Twin BLDC Compressor
- Sine Wave Controller
- Sound Insulator for the Compressor
- Easy Installation

Model Name				AJ040FCJ2EH		AJ050FCJ2EH		AJ052FCJ3EH		AJ068FCJ3EH		
Power Supply				Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		
Mode				-		HEAT PUMP		HEAT PUMP		HEAT PUMP		
Performance	HP		HP	1.50		1.80		2.00		2.50		
	Capacity (Nominal)	Cooling	kW	4.00		5.00		5.20		6.80		
			Btu/h	13,600		17,100		17,700		23,200		
		Heating	kW	4.40		5.70		6.30		8.00		
Btu/h	15,000		19,400		21,500		27,300					
Power	Power Input (Nominal)	Cooling	kW	1.02		1.32		1.35		2.00		
		Heating		0.99		1.35		1.40		1.91		
	Current Input (Nominal)	Cooling	A	4.70		6.00		6.20		9.20		
		Heating		4.50		6.20		6.40		8.70		
	MCA	9.80 (MCA)		11.80 (MCA)		12.20 (MCA)		15.44 (MCA)				
	MFA	A		11.25		13.75		13.75		17.50		
COP	Nominal Cooling	-		3.92		3.79		3.85		3.40		
	Nominal Heating	-		4.44		4.22		4.50		4.19		
Compressor	Type	-		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1		
	Output	kW x n		(4.45)		(4.45)		(1.79)		(1.79)		
	Model Name	-		UG4T150FUDJQSS x 1		UG4T150FUDJQSS x 1		UG4T200FUAE4SS x 1		UG4T200FUAE4SS x 1		
	Oil	Type	-		POE		POE		POE		POE	
		Initial Charge	cc		650		650		650		650	
Fan	Type	-		Propeller Fan/BLDC		Propeller Fan/BLDC		Propeller Fan/BLDC		Propeller Fan/BLDC		
	Output x n	W		35 x 1		35 x 1		45 x 1		124 x 1		
	Air Flow Rate	CMM		30		33		38		48		
		l/s		506.67		551.67		633.33		791.67		
	External Static Pressure	Max.	mmAq	-		-		-		-		
			Pa	-		-		-		-		
Piping Connections	Liquid Pipe	Φ, mm x EA		6.35 x 2		6.35 x 2		6.35 x 3		6.35 x 3		
		Φ, inch x EA		1/4" x 2		1/4" x 2		1/4" x 3		1/4" x 3		
	Gas Pipe	Φ, mm x EA		9.52 x 2		9.52 + 12.70		9.52 x 2 + 12.70		9.52 + 12.70 x 2		
		Φ, inch x EA		3/8" x 2		3/8" + 1/2"		3/8" x 2 + 1/2"		3/8" + 1/2" x 2		
	Installation Limitation	Max. Length	m		20(25)		20(25)		20(25)		20(25)	
	Max. Height	m		15(15)		15(15)		15(15)		15(15)		
Field Wiring	Power Source Wire	mm2		2.5 ~ 2.5		2.5 ~ 2.5		2.5 ~ 2.5		2.5 ~ 2.5		
	Transmission Cable	mm2		0.75 ~ 1.0		0.75 ~ 1.0		0.75 ~ 1.0		0.75 ~ 1.0		
Refrigerant	Type	-		R410A		R410A		R410A		R410A		
	Factory Charging	kg		1.30		1.60		2.20		2.20		
Sound	Sound Pressure	dB(A)		61.0		61.0		61.0		63.0		
	Sound Power	dB(A)		-		-		-		-		
External Dimension	Net Weight	kg		37.0		40.0		49.0		57.0		
	Shipping Weight	kg		40.0		43.0		53.0		61.0		
	Net Dimensions (WxHxD)	mm		790 x 545 x 285		790 x 545 x 285		880 x 638 x 310		880 x 798 x 310		
	Shipping Dimensions (WxHxD)	mm		926 x 599 x 382		926 x 599 x 382		1,053 x 695 x 413		1,023 x 889 x 413		
Operating Temp. Range	Cooling	°C		-5.0 ~ 46.0		-5.0 ~ 46.0		-5.0 ~ 46.0		-5.0 ~ 46.0		
	Heating	°C		-15.0 ~ 24.0		-15.0 ~ 24.0		-15.0 ~ 24.0		-15.0 ~ 24.0		

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



Free Joint Multi

- One Outdoor Unit, Multiple Indoor Units
- Universal Indoor Units
- Twin BLDC Compressor
- Sine Wave Controller
- Sound Insulator for the Compressor
- Easy Installation

Model Name				AJ070FCJ4EH	AJ080FCJ4EH	AJ100FCJ5EH
Power Supply				Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
Mode				-	HEAT PUMP	HEAT PUMP
Performance	HP		HP	2.50	3.00	3.50
			kW	7.00	8.00	10.00
	Capacity (Nominal)	Cooling	Btu/h	23,900	27,300	34,100
		Heating	kW	8.60	9.30	12.00
			Btu/h	29,300	31,700	40,900
Power	Power Input (Nominal)	Cooling	kW	1.90	2.30	2.90
		Heating	kW	2.00	2.20	2.93
	Current Input (Nominal)	Cooling	A	8.70	10.50	13.30
		Heating		9.20	10.10	13.40
	MCA		18.68 (MCA)	18.68 (MCA)	26.12 (MCA)	
	MFA		20.75	20.75	28.75	
COP	Nominal Cooling	-	3.68	3.48	3.45	
	Nominal Heating	-	4.30	4.23	4.10	
Compressor	Type	-		Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Output	kW x n		(7.77)	(7.77)	(11.37)
	Model Name	-		G8T260FUAEW-SS x 1	G8T260FUAEW-SS x 1	UG8T300FUBJUSG x 1
	Oil	Type	-	POE	POE	POE
		Initial Charge	cc	700	700	1200
Fan	Type	-		Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC
	Output x n	W		124 x 1	124 x 1	150 x 1
	Air Flow Rate	CMM		46	47	71
		l/s		770.00	781.67	1,176.67
	External Static Pressure	Max.	mmAq	-	-	-
Pa			-	-	-	
Piping Connections	Liquid Pipe	Φ, mm x EA		6.35 x 4	6.35 x 4	6.35 x 5
		Φ, inch x EA		1/4" x 4	1/4" x 4	1/4" x 5
	Gas Pipe	Φ, mm x EA		9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 3
		Φ, inch x EA		3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 3
	Installation Limitation	Max. Length	m	25(30)	25(30)	25(30)
		Max. Height	m	15(15)	15(15)	15(15)
Field Wiring	Power Source Wire	mm2		2.5 ~ 2.5	2.5 ~ 2.5	4.0 ~ 4.0
	Transmission Cable	mm2		0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0
Refrigerant	Type	-		R410A	R410A	R410A
	Factory Charging	kg		2.80	2.80	3.30
Sound	Sound Pressure	dB(A)		63.0	63.0	70.0
	Sound Power	dB(A)		-	-	-
External Dimension	Net Weight	kg		65.0	65.0	74.5
	Shipping Weight	kg		70.0	70.0	80.0
	Net Dimensions (WxHxD)	mm		880 x 798 x 310	880 x 798 x 310	940 x 998 x 330
	Shipping Dimensions (WxHxD)	mm		1,023 x 889 x 413	1,023 x 889 x 413	995 x 1,096 x 426
Operating Temp. Range	Cooling	°C		-5.0 ~ 46.0	-5.0 ~ 46.0	-10.0 ~ 46.0
	Heating	°C		-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

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



Mini 4Way Cassette S

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



Model				AJN016NDEHA	AJN020NDEHA	AJN026NDEHA	AJN035NDEHA	AJN052NDEHA
Power Supply		Φ, #, V, Hz	-	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
Mode			-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	1.60	2.00	2.60	3.50	5.20
			Btu/h	5,500	6,800	8,900	11,900	17,700
		Heating	kW	2.00	2.20	2.90	3.80	5.60
			Btu/h	6,800	7,500	9,900	13,000	19,100
Power	Power Input (Nominal)	Cooling	W	19.00	19.00	19.00	22.00	28.00
		Heating	W	19.00	19.00	19.00	22.00	28.00
	Current Input (Nominal)	Cooling	A	0.51	0.51	0.51	0.52	0.53
		Heating	A	0.51	0.51	0.51	0.52	0.53
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.90/8.20/6.90	9.90/8.20/6.90	9.90/8.20/6.90	10.70/9.00/7.40	12.40/10.70/9.00
			l/s	165.00/136.67/115.00	165.00/136.67/115.00	165.00/136.67/115.00	178.33/150.00/123.33	206.67/178.33/150.00
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-
			Pa	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	9.52	9.52	12.70	
		Φ, inch	3/8"	3/8"	3/8"	3/8"	1/2"	
Drain Pipe		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1	1	1	1	1
	Transmission Cable		mm ²	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	34.0/29.0/27.0	34.0/29.0/27.0	34.0/29.0/27.0	36.0/32.0/28.0	40.0/36.0/33.0
	Sound Power	High / Mid / Low	dB(A)	-	-	-	-	-
Dimensions	Net Weight		kg	11.00	11.00	11.00	11.00	11.70
	Shipping Weight		kg	13.00	13.00	13.00	13.00	13.70
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
Panel Size	Panel Model		-	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB
	Panel Net Weight		kg	2.70	2.70	2.70	2.70	2.70
	Shipping Weight		kg	4.20	4.20	4.20	4.20	4.20
	Net Dimensions (WxHxD)		mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
	Shipping Dimensions (WxHxD)		mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
Air Filter			-	-	-	-	-	-

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

Optional Accessories

Individual Controllers



MWR-WE10MWR-WH00MWR-SH00MR-DH00

Panel



PC4SUSMBPC4SUSMF

Slim 1Way Cassette



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



Model				MH026FSEA	MH035FSEA
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	2.60	3.50
			Btu/h	8,900	11,900
		Heating	kW	2.90	3.80
			Btu/h	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	45.00	50.00
		Heating		45.00	50.00
	Current Input (Nominal)	Cooling	A	0.23	0.25
		Heating		0.23	0.25
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output	W	80 x 1	80 x 1
	Air Flow Rate	CMM		6.20/5.20/4.20	7.60/6.60/5.60
		High / Mid / Low (UL)	l/s	103.33/86.67/70.00	126.67/110.00/93.33
	External Static 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		9.52	9.52
		Φ, inch		3/8"	3/8"
	Drain Pipe	Φ, mm		VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)
Field Wiring	Power Source Wire	Below 20m / Over 20m	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	dBA	30.0/28.0/25.0	32.0/30.0/27.0
	Sound Power	High / Mid / Low	dBA	-	-
Dimensions	Net Weight		kg	11.00	11.00
	Shipping Weight		kg	14.00	14.00
	Net Dimensions (WxHxD)		mm	970 x 135 x 410	970 x 135 x 410
	Shipping Dimensions (WxHxD)		mm	1164 x 212 x 478	1164 x 212 x 478
Panel Size	Panel Model		-	PSSMA	PSSMA
	Panel Net Weight		kg	3.10	3.10
	Shipping Weight		kg	4.50	4.50
	Net Dimensions (WxHxD)		mm	1180 x 25 x 460	1180 x 25 x 460
	Shipping Dimensions (WxHxD)		mm	1259 x 144 x 539	1259 x 144 x 539
Additional Accessories	Drain Pump	Drain Pump	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h		-	-
Air Filter			-	-	-

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

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MR-DH00

Panel

PSSMA

PC1NUPMA

MSP Duct



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



Model		MH052FUEA	
Power Supply		Φ, #, V, Hz	1,2,220-240,50
Mode		-	HP/HR
Performance	Capacity (Nominal)	Cooling	kW
			Btu/h
		Heating	kW
			Btu/h
Power	Power Input (Nominal)	Cooling	W
		Heating	W
	Current Input (Nominal)	Cooling	A
		Heating	A
Fan	Motor	Type	-
		Output	W
	Air Flow Rate	High / Mid / Low (UL)	CMM
			l/s
Piping Connections	Liquid Pipe	Φ, mm	6.35
		Φ, inch	1/4"
	Gas Pipe	Φ, mm	12.70
		Φ, inch	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²
			mm ²
	Transmission Cable		mm ²
			mm ²
Refrigerant	Type		-
			R410A
	Control Method		-
			EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA
			dBA
	Sound Power	High / Mid / Low	dBA
			dBA
Dimensions	Net Weight		kg
			kg
	Shipping Weight		kg
			kg
Panel Size	Net Dimensions (WxHxD)		mm
			mm
	Shipping Dimensions (WxHxD)		mm
			mm
Additional Accessories	Drain Pump	Drain Pump	-
		Max. Lifting Height / Displacement	mm / liter/h
	Air Filter		-
			-

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

Optional Accessories



Standard Accessories



Slim Duct



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



Model		NJ026LHXEA		NJ035LHXEA	
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	2.60	
			Btu/h	8,900	
		Heating	kW	2.90	
			Btu/h	9,900	
Power	Power Input (Nominal)	Cooling	W	80.00	
		Heating	W	80.00	
	Current Input (Nominal)	Cooling	A	0.40	
		Heating	A	0.40	
Fan	Motor	Type	-	Sirocco Fan	
		Output	W	80 x 1	
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.60/7.60/6.60	
			l/s	143.33/126.67/110.00	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	
			mm ²	0.75 ~ 1.50	
	Transmission Cable		mm ²	0.75 ~ 1.50	
			mm ²	0.75 ~ 1.50	
Refrigerant	Type		-	R410A	
			-	R410A	
	Control Method		-	EEV NOT INCLUDED	
			-	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	30.0/28.0/25.0	
			dBA	-	
	Sound Power	High / Mid / Low	dBA	-	
			dBA	-	
Dimensions	Net Weight		kg	26.00	
			kg	31.00	
	Shipping Weight		kg	31.00	
			kg	31.00	
Panel Size	Net Dimensions (WxHxD)		mm	900 x 199 x 600	
			mm	900 x 199 x 600	
	Shipping Dimensions (WxHxD)		mm	1133 x 330 x 730	
			mm	1133 x 330 x 730	
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E075SEE3	
		Max. Lifting Height / Displacement	mm / liter/h	-	
	Air Filter		-	-	
			-	-	

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

Optional Accessories



Standard Accessories



Y Series (Jungfrau Premium)



- Virus Doctor

■ Smart Inverter

■ good' sleep

■ Wide Twin Blade
- Full HD Filter

■ d'light cool

■ 3D Wind

■ Turbo Cooling
- Wifi



				AR09FSSYAWTNEU		AR12FSSYAWTNEU		AR18FSSYAWTNEU	
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	2.50		3.50		5.00	
			Btu/h	8,500		11,900		17,100	
		Heating	kW	3.20		4.00		6.00	
			Btu/h	10,900		13,600		20,500	
Power	Power Input (Nominal)	Cooling	W	50.00		50.00		50.00	
		Heating	W	50.00		50.00		50.00	
	Current Input (Nominal)	Cooling	A	0.40		0.40		0.40	
		Heating	A	0.40		0.40		0.40	
Fan	Motor	Type	-	Crossflow Fan		Crossflow Fan		Crossflow Fan	
		Output	W	27 x 1		27 x 1		27 x 1	
	Air Flow Rate	High / Mid / Low (UL)	CMM	11.60/10.30/9.00		13.80/11.40/9.00		14.50/12.80/11.00	
			l/s	193.33/171.67/150.00		230.00/190.00/150.00		241.67/213.33/183.33	
	External Static Pressure	Min. / Std. / Max.	mmAq	-		-		-	
			Pa	-		-		-	
Piping Connections	Liquid Pipe	Φ, mm	6.35		6.35		6.35		
		Φ, inch	1/4"		1/4"		1/4"		
	Gas Pipe	Φ, mm	9.52		9.52		12.70		
		Φ, inch	3/8"		3/8"		1/2"		
	Drain Pipe	Φ, mm	VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5		1.5 ~ 2.5		1.5 ~ 2.5	
	Transmission Cable		mm ²	0.75 ~ 1.5		0.75 ~ 1.5		0.75 ~ 1.5	
Refrigerant	Type		-	R410A		R410A		R410A	
	Control Method		-	EEV NOT INCLUDED		EEV NOT INCLUDED		EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	39.0/30.0/21.0		41.0/31.0/21.0		44.0/35.0/26.0	
	Sound Power	High / Mid / Low	dBA	-		-		-	
Dimensions	Net Weight		kg	10.50		10.50		11.20	
	Shipping Weight		kg	13.00		13.00		14.00	
	Net Dimensions (WxHxD)		mm	880 x 313 x 237		880 x 313 x 237		880 x 313 x 237	
	Shipping Dimensions (WxHxD)		mm	954 x 381 x 317		954 x 381 x 317		954 x 381 x 317	
Panel Size	Panel Model		-	-		-		-	
	Panel Net Weight		kg	-		-		-	
	Shipping Weight		kg	-		-		-	
	Net Dimensions (WxHxD)		mm	-		-		-	
	Shipping Dimensions (WxHxD)		mm	-		-		-	
Additional Accessories	Drain Pump	Drain Pump	-	-		-		-	
		Max. Lifting Height / Displacement	mm / liter/h	-		-		-	
	Air Filter		-	-		-		-	

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

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MR-DH00

MIM-A00

Standard Accessories

Wireless Remote Controller



P Series (Maldives)

- Full HD Filter
- Smart Saver
- Turbo Cooling
- Smart Inverter



Model				AR07FSFPDGMNEU	AR09FSFPK(D)GMNET	AR12FSFPK(D)GMNET	AR18FSFPDGMNEU	AR24FSFPDGMNEU
Power Supply		Φ, #, V, Hz		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
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.50	3.50	5.00	6.80
			Btu/h	6,800	8,500	11,900	17,100	23,200
		Heating	kW	2.20	3.30	4.00	6.00	7.80
			Btu/h	7,500	11,300	13,600	20,500	26,600
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	40.00	35.00	53.00
		Heating	W	30.00	35.00	40.00	35.00	53.00
	Current Input (Nominal)	Cooling	A	0.18	0.19	0.20	0.30	0.46
		Heating	A	0.18	0.19	0.20	0.30	0.46
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	27 x 1	27 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.90/7.00/6.10	9.40/8.70/7.90	10.10/9.00/7.90	14.20/12.30/11.20	17.80/14.30/10.60
			l/s	131.67/116.67/101.67	156.67/145.00/131.67	168.33/150.00/131.67	236.67/205.00/186.67	296.67/238.33/176.67
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-
			Pa	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	9.52	12.70	15.88	
		Φ, inch	3/8"	3/8"	3/8"	1/2"	5/8"	
Field Wiring	Drain Pipe	Φ, mm	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	
	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Type		-	R410A	R410A	R410A	R410A	R410A
Sound	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
	Sound Pressure	High / Mid / Low	dB(A)	36.0/29.0/21.0	37.0/-/25.0	38.0/-/25.0	39.0/-/26.0	44.0/-/28.0
Dimensions	Sound Power	High / Mid / Low	dB(A)	-	-	-	-	-
	Net Weight		kg	9.00	9.00	9.00	13.00	13.00
Panel Size	Shipping Weight		kg	11.00	11.00	11.00	16.00	16.00
	Net Dimensions (WxHxD)		mm	820 x 286 x 205	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	1065 x 298 x 230
	Shipping Dimensions (WxHxD)		mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	1137 x 377 x 299
	Panel Model		-	-	-	-	-	-
Additional Accessories	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Air Filter	Drain Pump	Drain Pump	-	-	-	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-

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

Optional Accessories

Individual Controllers



MWR-WE10MWR-WH00MWR-SH00MR-DH00MIM-A00

Standard Accessories

Wireless Remote Controller





P Plus Series

- Full HD Filter
- Smart Saver
- Turbo Cooling
- Smart Inverter



Model				AR07FSFPESNNEU	AR09FSFPESNNEU	AR12FSFPESNNEU	AR18FSFPESNNEU	AR24FSFPESNNEU
Power Supply		Φ, #, V, Hz		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
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.50	3.50	5.00	6.80
			Btu/h	6,800	8,500	11,900	17,100	23,200
		Heating	kW	2.20	3.30	4.00	6.00	7.80
			Btu/h	7,500	11,300	13,600	20,500	26,600
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	40.00	35.00	53.00
		Heating	W	30.00	35.00	40.00	35.00	53.00
	Current Input (Nominal)	Cooling	A	0.18	0.19	0.20	0.30	0.46
		Heating	A	0.18	0.19	0.20	0.30	0.46
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	27 x 1	27 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.90/7.00/6.10	9.40/8.70/7.90	10.10/9.00/7.90	14.20/12.30/11.20	17.80/14.30/10.60
			l/s	131.67/116.67/101.67	156.67/145.00/131.67	168.33/150.00/131.67	236.67/205.00/186.67	296.67/238.33/176.67
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-
			Pa	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	9.52	12.70	15.88	15.88
		Φ, inch	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"
Drain Pipe		Φ, mm	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	36.0/29.0/21.0	36.0/-/25.0	38.0/-/25.0	39.0/-/26.0	44.0/-/28.0
	Sound Power	High / Mid / Low	dB(A)	-	-	-	-	-
Dimensions	Net Weight		kg	9.00	9.00	9.00	13.00	13.00
	Shipping Weight		kg	11.00	11.00	11.00	16.00	16.00
	Net Dimensions (WxHxD)		mm	820 x 285 x 205	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	1065 x 298 x 230
	Shipping Dimensions (WxHxD)		mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
Air Filter			-	-	-	-	-	-

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

Optional Accessories

Individual Controllers



MWR-WE10MWR-WH00MWR-SH00MR-DH00MIM-A00

Standard Accessories

Wireless Remote Controller



Crystal



- Catechin Filter
- good'sleep
- Filter Cleaning Indicator
- Smart Inverter
- Turbo Cooling
- Deodorizing Filter



Model				MH020FAEA	MH026FAEA	MH035FAEA	MH052FAEA
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.60	3.50	5.20
			Btu/h	6,800	8,900	11,900	17,700
		Heating	kW	2.20	2.90	3.80	5.60
			Btu/h	7,500	9,900	13,000	19,100
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	35.00	50.00
		Heating	W	30.00	30.00	35.00	50.00
	Current Input (Nominal)	Cooling	A	0.18	0.18	0.19	0.30
		Heating	A	0.18	0.18	0.19	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.90/6.90/5.90	9.10/8.10/7.10	9.80/8.80/7.80	14.20/12.50/10.70
			l/s	131.67/115.00/98.33	151.67/135.00/118.33	163.33/146.67/130.00	236.67/208.33/178.33
Piping Connections	Liquid Pipe	Φ, mm	mm	6.35	6.35	6.35	6.35
		Φ, inch	inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	mm	9.52	9.52	9.52	12.70
		Φ, inch	inch	3/8"	3/8"	3/8"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)
			mm ²	1.5 ~ 2.5	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	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
			-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
			-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	31.0/26.0/21.0	31.0/26.0/21.0	35.0/28.0/21.0	40.0/35.0/30.0
			dBA	-	-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-	-
			dBA	-	-	-	-
Dimensions	Net Weight		kg	9.00	9.00	9.00	13.00
			kg	11.00	11.00	11.00	16.00
	Net Dimensions (WxHxD)		mm	820 x 286 x 190	820 x 286 x 190	820 x 286 x 190	1099 x 315 x 217
			mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 399
Panel Size	Panel Model		-	-	-	-	-
			-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-
			kg	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-
	Air Filter		-	-	-	-	-
			-	-	-	-	-

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

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MR-DH00

Standard Accessories

Wireless Remote Controller

New Crystal



- good'sleep
- Filter Cleaning Indicator
- Full HD Filter
- Smart Inverter
- Turbo Cooling
- Wifi



Model				AR09FSSSEDWUNEU		AR12FSSSEDWUNEU		AR18FSSSEDWUNEU		AR24FSSSEDWUNEU	
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
Mode		-		HP/HR		HP/HR		HP/HR		HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	2.50		3.50		5.00		6.80	
			Btu/h	8,500		11,900		17,100		23,200	
		Heating	kW	3.20		4.00		6.00		7.80	
			Btu/h	10,900		13,600		20,500		26,600	
Power	Power Input (Nominal)	Cooling	W	-		-		-		-	
		Heating	W	-		-		-		-	
	Current Input (Nominal)	Cooling	A	-		-		-		-	
		Heating	A	-		-		-		-	
Fan	Motor	Type	-	-		-		-		-	
		Output	W	-		-		-		-	
	Air Flow Rate	High / Mid / Low (UL)	CMM	-		-		-		-	
			l/s	-		-		-		-	
	External Static Pressure	Min. / Std. / Max.	mmAq	-		-		-		-	
Piping Connections	Liquid Pipe	Φ, mm		6.35		6.35		6.35		6.35	
		Φ, inch		1/4"		1/4"		1/4"		1/4"	
	Gas Pipe	Φ, mm		9.52		9.52		9.52		15.88	
		Φ, inch		3/8"		3/8"		3/8"		5/8"	
	Drain Pipe	Φ, mm		VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5		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		0.75 ~ 1.50	
Refrigerant	Type		-	R410A		R410A		R410A		R410A	
	Control Method		-	EEV NOT INCLUDED		EEV NOT INCLUDED		EEV NOT INCLUDED		EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	37.0/-/25.0		38.0/-/25.0		39.0/-/26.0		44.0/-/29.0	
	Sound Power	High / Mid / Low	dBA	-		-		-		-	
Dimensions	Net Weight		kg	-		-		-		-	
	Shipping Weight		kg	-		-		-		-	
	Net Dimensions (WxHxD)		mm	890 x 285 x 190		890 x 285 x 190		1065 x 298 x 230		1065 x 298 x 230	
	Shipping Dimensions (WxHxD)		mm	-		-		-		-	
Panel Size	Panel Model		-	-		-		-		-	
	Panel Net Weight		kg	-		-		-		-	
	Shipping Weight		kg	-		-		-		-	
	Net Dimensions (WxHxD)		mm	-		-		-		-	
	Shipping Dimensions (WxHxD)		mm	-		-		-		-	
Additional Accessories	Drain Pump	Drain Pump	-	-		-		-		-	
	Max. Lifting Height / Displacement	mm / liter/h	-	-		-		-		-	
Air Filter			-	-		-		-		-	

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

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MR-DH00

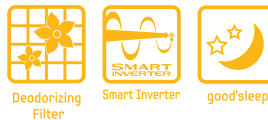
Standard Accessories

Wireless Remote Controller

Neo Forte



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



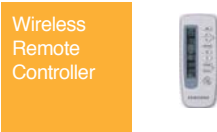
Model		MH020FNEA		MH026FNEA	MH035FNEA	MH052FNEA
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.60	3.50
			Btu/h	6,800	8,900	11,900
		Heating	kW	2.20	2.90	3.80
			Btu/h	7,500	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	35.00
		Heating	W	30.00	30.00	35.00
	Current Input (Nominal)	Cooling	A	0.18	0.18	0.19
		Heating	A	0.18	0.18	0.19
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.70/6.70/5.70	8.30/7.30/6.30	9.50/8.50/7.50
			l/s	128.33/111.67/95.00	138.33/121.67/105.00	158.33/141.67/125.00
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	9.52	12.70
		Φ, inch	3/8"	3/8"	3/8"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	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
Refrigerant	Type	-	-	R410A	R410A	R410A
		-	-	R410A	R410A	R410A
	Control Method	-	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
		-	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	32.0/28.0/23.0	32.0/28.0/23.0	36.0/30.0/23.0
			dBA	-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-
			dBA	-	-	-
Dimensions	Net Weight		kg	7.80	7.80	13.00
			kg	9.40	9.40	16.00
	Net Dimensions (WxHxD)		mm	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218
			mm	900 x 349 x 252	900 x 349 x 252	1137 x 377 x 299
Panel Size	Panel Model	-	-	-	-	-
		-	-	-	-	-
	Panel Net Weight		kg	-	-	-
			kg	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
			mm / liter/h	-	-	-
	Air Filter		-	-	-	-
			-	-	-	-

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

Optional Accessories



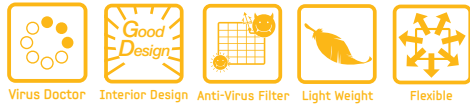
Standard Accessories



Console



- Slim & Smart Design
- 2Way Outlets
- Silent Operation



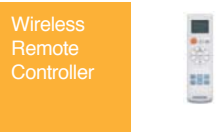
Model		MH026FJEA		MH035FJEA	MH052FJEA
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
			Btu/h	8,900	11,900
		Heating	kW	2.90	3.80
			Btu/h	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	30.00	35.00
		Heating	W	30.00	35.00
	Current Input (Nominal)	Cooling	A	0.25	0.29
		Heating	A	0.25	0.29
Fan	Motor	Type	-	Turbo Fan	Turbo Fan
		Output	W	37 x 1	37 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.00/7.80/6.70	10.50/9.30/8.20
			l/s	150.00/130.00/111.67	175.00/155.00/136.67
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	12.70
		Φ, inch	3/8"	3/8"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type	-	-	R410A	R410A
		-	-	R410A	R410A
	Control Method	-	-	EEV NOT INCLUDED	EEV NOT INCLUDED
		-	-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	28.0/26.0/23.0	39.0/32.0/24.0
			dBA	-	-
	Sound Power	High / Mid / Low	dBA	-	-
			dBA	-	-
Dimensions	Net Weight		kg	15.00	15.00
			kg	19.00	19.00
	Net Dimensions (WxHxD)		mm	720 x 620 x 199	720 x 620 x 199
			mm	810 x 710 x 295	810 x 710 x 295
Panel Size	Panel Model	-	-	-	-
		-	-	-	-
	Panel Net Weight		kg	-	-
			kg	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-
			mm / liter/h	-	-
	Air Filter		-	-	-
			-	-	-

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

Optional Accessories



Standard Accessories



FJM Capacity Combination



COOLING																					
Outdoor Unit		Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ040FXJ2EH	1 Unit	2000				2000	2100				2100	1250	2100	2520	300	540	630	1.7	2.5	2.9	3.89
		2500				2500	2500				2500	1250	2500	3120	300	750	880	1.7	3.4	4.0	3.33
		3500				3500	3500				3500	1250	3500	4200	300	1060	1240	1.7	4.9	5.7	3.30
	2 Unit	2000	2000			4000	2000	2000			4000	1250	4000	4500	300	1180	1330	1.7	5.4	6.1	3.39
		2000	2500			4500	1780	2220			4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39
		2000	3500			5500	1450	2550			4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39
		2500	2500			5000	2000	2000			4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39
		2500	3500			6000	1670	2330			4000	1300	4000	4500	350	1020	1330	1.9	4.7	6.1	3.92

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 6.0 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

COOLING																						
Outdoor Unit		Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	
		A	B	C	D	Total	A	B	C	D	Total	W			W			A				
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
AJ050FCJ2EH	1 Unit	2000				2000	2400				2400	1250	2400	2880	300	730	880	1.7	3.3	4.0	3.29	
		2500				2500	2500				2500	1250	2500	3120	300	800	960	1.7	3.7	4.4	3.13	
		3500				3500	3500				3500	1250	3500	4200	300	1090	1310	1.7	5.0	6.0	3.21	
		5000				5000	5000				5000	1250	5000	5200	300	1600	1740	1.7	7.3	8.0	3.13	
	2 Unit	2000	2000			4000	2000	2000				4000	1300	4000	4800	350	1245	1490	1.9	5.7	6.8	3.21
		2000	2500			4500	2040	2560				4600	1300	4600	5200	350	1430	1720	1.9	6.5	7.9	3.22
		2000	3500			5500	1820	3180				5000	1400	5000	5400	350	1490	1780	1.9	6.8	8.1	3.36
		2000	5000			7000	1430	3570				5000	1400	5000	5400	350	1450	1800	1.9	6.6	8.2	3.45
		2500	2500			5000	2500	2500				5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33
		2500	3500			6000	2080	2920				5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33
		2500	5000			7500	1670	3330				5000	1400	5000	5400	350	1450	1700	1.9	6.6	7.8	3.45
		3500	3500			7000	2500	2500				5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33
		3500	5000			8500	2060	2940				5000	1400	5000	5400	350	1320	1700	1.9	6.0	7.8	3.79

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 6.0 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ040FXJ2EH	1 Unit	2200				2200	2400				2400	1000	2400	2990	260	780	910	1.3	3.6	4.2	3.08
		3300				3300	3100				3100	1000	3100	3450	260	850	1080	1.3	3.9	4.9	3.65
		4000				4000	3800				3800	1000	3800	4370	260	1100	1380	1.3	5.0	6.3	3.45
	2 Unit	2200	2200			4400	2200	2200			4400	1000	4400	4700	280	1160	1390	1.4	5.3	6.4	3.79
		2200	3300			5500	1760	2640			4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79
		2200	4000			6200	1560	2840			4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79
		3300	3300			6600	2200	2200			4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79
		3300	4000			7300	1990	2410			4400	1000	4400	4700	280	990	1400	1.4	4.5	6.4	4.44

- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB / 6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2200, 3300, 4000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 7.3 kW (@ Heating)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ050FCJ2EH	1 Unit	2200				2200	2500				2500	1050	2500	2990	260	880	1010	1.3	4.0	4.6	2.84
		3300				3300	3300				3300	1050	3300	3340	260	1050	1290	1.3	4.8	5.9	3.14
		4000				4000	4000				4000	1050	4000	4370	260	1300	1620	1.3	5.9	7.4	3.08
		6000				6000	5400				5400	1050	5400	5600	260	1650	2060	1.3	7.6	9.4	3.27
	2 Unit	2200	2200			4400	2200	2200			4400	1100	4400	4750	280	1220	1390	1.4	5.6	6.4	3.61
		2200	3300			5500	2040	3060			5100	1100	5100	5460	280	1410	1610	1.4	6.5	7.4	3.62
		2200	4000			6200	2020	3680			5700	1100	5700	6300	280	1520	1900	1.4	7.0	8.7	3.75
		2200	6000			8200	1530	4170			5700	1100	5700	6400	280	1440	1800	1.4	6.6	8.2	3.96
		3300	3300			6600	2850	2850			5700	1100	5700	6300	208	1550	1940	1.4	7.1	8.9	3.68
		3300	4000			7300	2580	3120			5700	1100	5700	6300	280	1550	1850	1.4	7.1	8.5	3.68
		3300	6000			9300	2020	3680			5700	1100	5700	6400	280	1440	1750	1.4	6.6	8.0	3.96
		4000	4000			8000	2850	2850			5700	1100	5700	6300	280	1470	1840	1.4	6.7	8.4	3.88
4000	6000			10000	2280	3420			5700	1100	5700	6400	280	1350	1750	1.4	6.2	8.0	4.22		

- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB / 6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2200, 3300, 4000, 6000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 10.0 kW (@ Heating)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

FJM Capacity Combination



COOLING																					
Outdoor unit		Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AU052FCJ3EH	1 Unit	2000				2000	2000				2000	1280	2000	2880	420	630	1020	2.2	2.9	4.7	3.17
		2500				2500	2500				2500	1280	2500	3120	420	790	1110	2.2	3.6	5.1	3.16
		3500				3500	3500				3500	1280	3500	4200	420	1150	1510	2.2	5.3	6.9	3.04
		5000				5000	5000				5000	1300	5000	5800	420	1620	2090	2.2	7.4	9.6	3.09
	2 Unit	2000	2000			4000	2000	2000			4000	1300	4000	4800	440	1240	1630	2.3	5.7	7.5	3.23
		2000	2500			4500	2040	2560			4600	1300	4600	5520	440	1410	1850	2.3	6.5	8.5	3.26
		2000	3500			5500	1820	3180			5000	1300	5000	6290	450	1520	2000	2.3	7.0	9.2	3.29
		2000	5000			7000	1490	3710			5200	1380	5200	6600	450	1540	2040	2.3	7.0	9.3	3.38
		2500	2500			5000	2500	2500			5000	1300	5000	5800	440	1550	1980	2.3	7.1	9.1	3.23
		2500	3500			6000	2080	2920			5000	1300	5000	6400	450	1510	2020	2.3	6.9	9.2	3.31
		2500	5000			7500	1730	3470			5200	1380	5200	6800	450	1540	2070	2.3	7.0	9.5	3.38
		3500	3500			7000	2600	2600			5200	1300	5200	6560	450	1540	2040	2.3	7.0	9.3	3.38
	3 Unit	2000	2000	2000		6000	1730	1730	1740		5200	1700	5200	6380	450	1500	2020	2.3	6.9	9.2	3.47
		2000	2000	2500		6500	1600	1600	2000		5200	1700	5200	6490	450	1530	2040	2.3	7.0	9.3	3.40
		2000	2000	3500		7500	1390	1390	2420		5200	1700	5200	6800	460	1420	2070	2.4	6.5	9.5	3.66
		2000	2500	2500		7000	1480	1860	1860		5200	1700	5200	6600	450	1390	2040	2.3	6.4	9.3	3.74
		2000	2500	3500		8000	1300	1630	2270		5200	1700	5200	6800	460	1420	2070	2.4	6.5	9.5	3.66
		2500	2500	2500		7500	1730	1730	1740		5200	1700	5200	6800	460	1350	2070	2.4	6.2	9.5	3.85

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500, 5000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 8.0 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AU052FCJ3EH	1 Unit	2200				2200	2200				2200	1300	2200	2990	350	910	1110	1.9	4.2	5.1	2.42
		3300				3300	3300				3300	1300	3300	3340	350	1150	1270	1.9	5.3	5.8	2.87
		4000				4000	4000				4000	1300	4000	4370	350	1350	1660	1.9	6.2	7.6	2.96
		6000				6000	5600				5600	1350	5600	6300	350	1820	1920	1.9	8.3	8.8	3.08
	2 Unit	2200	2200			4400	2200	2200			4400	1400	4400	5060	350	1220	1510	1.9	5.6	6.9	3.61
		2200	3300			5500	2040	3060			5100	1400	5100	5870	350	1410	1830	1.9	6.5	8.4	3.62
		2200	4000			6200	1990	3610			5600	1400	5600	6440	350	1540	1860	1.9	7.0	8.5	3.64
		2200	6000			8200	1610	4390			6000	1400	6000	6900	350	1660	1860	1.9	7.6	8.5	3.61
		3300	3300			6600	2900	2900			5800	1400	5800	6300	350	1600	1910	1.9	7.3	8.7	3.63
		3300	4000			7300	2620	3180			5800	1400	5800	6300	350	1600	1910	1.9	7.3	8.7	3.63
		3300	6000			9300	2240	4060			6300	1400	6300	7300	350	1740	1830	1.9	8.0	8.4	3.62
		4000	4000			8000	2950	2950			5900	1400	5900	6880	350	1630	1860	1.9	7.5	8.5	3.62
	3 Unit	2200	2200	2200		6600	1930	1930	1940		5800	1400	5800	6760	350	1590	1840	1.9	7.3	8.4	3.65
		2200	2200	3300		7700	1690	1690	2520		5900	1400	5900	6840	350	1650	1840	1.9	7.6	8.4	3.58
		2200	2200	4000		8400	1650	1650	3000		6300	1400	6300	7300	350	1660	1830	1.9	7.6	8.4	3.80
		2200	3300	3300		8800	1500	2250	2250		6000	1400	6000	6920	350	1590	1840	1.9	7.3	8.4	3.77
		2200	3300	4000		9500	1460	2190	2650		6300	1400	6300	7300	350	1630	1830	1.9	7.5	8.4	3.87
		3300	3300	3300		9900	2100	2100	2100		6300	1400	6300	7300	350	1400	1830	1.9	6.4	8.4	4.50

- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB / 6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2200, 3300, 4000, 6000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 9.9 kW (@ Heating)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

FJM Capacity Combination



COOLING																					
Outdoor unit		Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ088FCJ8EH	1 Unit	2000				2000	2000				2000	1280	2000	2880	400	630	930	2.2	2.9	4.3	3.17
		2500				2500	2500				2500	1280	2500	3120	400	790	1010	2.2	3.6	4.6	3.16
		3500				3500	3500				3500	1280	3500	4200	400	1070	1370	2.2	4.9	6.3	3.27
		5000				5000	5000				5000	1300	5000	5800	400	1620	1900	2.2	7.4	8.7	3.09
	2 Unit	2000	2000			4000	2000	2000			4000	1300	4000	4800	420	1240	1480	2.3	5.7	6.8	3.23
		2000	2500			4500	2000	2500			4500	1300	4500	5520	420	1410	1680	2.3	6.5	7.7	3.19
		2000	3500			5500	2000	3500			5500	1300	5500	6550	420	1830	2470	2.3	8.4	11.3	3.01
		2000	5000			7000	1860	4640			6500	1300	6500	7740	420	2000	2690	2.3	9.2	12.3	3.25
		2500	2500			5000	2500	2500			5000	1300	5000	5950	420	1660	2260	2.3	7.6	10.3	3.01
		2500	3500			6000	2500	3500			6000	1300	6000	7140	420	1980	2670	2.3	9.1	12.2	3.03
		2500	5000			7500	2270	4530			6800	1380	6800	8090	430	2090	2660	2.3	9.6	12.2	3.25
		3500	3500			7000	3250	3250			6500	1300	6500	7740	420	2010	2700	2.3	9.2	12.4	3.23
		3500	5000			8500	2800	4000			6800	1380	6800	8090	430	2100	2670	2.3	9.6	12.2	3.24
		5000	5000			10000	3400	3400			6800	1380	6800	8090	430	2060	2660	2.3	9.4	12.2	3.30
	3 Unit	2000	2000	2000		6000	2000	2000	2000		6000	1800	6000	7400	440	1970	2650	2.3	9.0	12.1	3.05
		2000	2000	2500		6500	2000	2000	2500		6500	1800	6500	8000	440	2000	2690	2.3	9.2	12.3	3.25
		2000	2000	3500		7500	1810	1810	3180		6800	1800	6800	8400	440	2070	2700	2.3	9.5	12.4	3.29
		2000	2000	5000		9000	1510	1510	3780		6800	1800	6800	8400	440	2000	2690	2.3	9.2	12.3	3.40
		2000	2500	2500		7000	1860	2320	2320		6500	1800	6500	8000	440	2030	2690	2.3	9.3	12.3	3.20
		2000	2500	3500		8000	1700	2130	2970		6800	1800	6800	8400	440	2090	2690	2.3	9.6	12.3	3.25
		2000	2500	5000		9500	1430	1790	3580		6800	1800	6800	8400	440	2010	2690	2.3	9.2	12.3	3.38
		2000	3500	3500		9000	1520	2640	2640		6800	1800	6800	8400	440	2010	2700	2.3	9.2	12.4	3.38
		2000	3500	5000		10500	1300	2270	3230		6800	1800	6800	8400	440	2050	2700	2.3	9.4	12.4	3.32
		2500	2500	2500		7500	2260	2270	2270		6800	1800	6800	8400	440	2060	2690	2.3	9.4	12.3	3.30
		2500	2500	3500		8500	2000	2000	2800		6800	1800	6800	8400	440	2130	2700	2.3	9.7	12.4	3.19
		2500	2500	5000		10000	1700	1700	3400		6800	1800	6800	8400	440	2030	2690	2.3	9.3	12.3	3.35
		2500	3500	3500		9500	1780	2510	2510		6800	1800	6800	8400	440	2020	2700	2.3	9.2	12.4	3.37
		2500	3500	5000		11000	1550	2160	3090		6800	1800	6800	8400	440	2070	2700	2.3	9.5	12.4	3.29
		3500	3500	3500		10500	2260	2270	2270		6800	1800	6800	8400	440	2000	2710	2.3	9.2	12.4	3.40

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500, 5000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 11 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ088FCJ8EH	1 Unit	2200				2200	2200				2200	1300	2200	2990	380	950	1190	1.9	4.3	5.4	2.32
		3300				3300	3300				3300	1300	3300	3340	380	1150	1360	1.9	5.3	6.2	2.87
		4000				4000	4000				4000	1300	4000	4370	380	1350	1780	1.9	6.2	8.1	2.96
		6000				6000	5600				5600	1350	5600	6300	380	1820	2050	1.9	8.3	9.4	3.08
	2 Unit	2200	2200			4400	2200	2200			4400	1400	4400	5060	380	1220	1600	1.9	5.6	7.3	3.61
		2200	3300			5500	2200	3300			5500	1400	5500	6330	380	1490	2000	1.9	6.8	9.2	3.69
		2200	4000			6200	2200	4000			6200	1400	6200	7130	380	1670	2300	1.9	7.6	10.5	3.71
		2200	6000			8200	2090	5710			7800	1400	7800	8970	380	1990	2700	1.9	9.1	12.4	3.92
		3300	3300			6600	3300	3300			6600	1400	6600	7590	380	1890	2600	1.9	8.6	11.9	3.49
		3300	4000			7300	3300	4000			7300	1400	7300	8400	380	1950	2600	1.9	8.9	11.9	3.74
		3300	6000			9300	2770	5030			7800	1400	7800	8970	380	2040	2800	1.9	9.3	12.8	3.82
		4000	4000			8000	3900	3900			7800	1400	7800	8970	380	1990	2700	1.9	9.1	12.4	3.92
		4000	6000			10000	3200	4800			8000	1400	8000	9200	380	2090	2800	1.9	9.6	12.8	3.83
		6000	6000			12000	4000	4000			8000	1400	8000	9200	380	2080	2800	1.9	9.5	12.8	3.85
	3 Unit	2200	2200	2200		6600	2200	2200	2200		6600	1400	6600	8100	380	1760	2400	1.9	8.1	11.0	3.75
		2200	2200	3300		7700	2200	2200	3300		7700	1400	7700	9500	380	1830	2500	1.9	8.4	11.4	4.21
		2200	2200	4000		8400	2100	2100	3800		8000	1400	8000	9800	380	1920	2600	1.9	8.8	11.9	4.17
		2200	2200	6000		10400	1690	1690	4620		8000	1400	8000	9800	380	1960	2600	1.9	9.0	11.9	4.08
		2200	3300	3300		8800	2000	3000	3000		8000	1400	8000	9800	380	1880	2500	1.9	8.6	11.4	4.26
		2200	3300	4000		9500	1850	2780	3370		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19
		2200	3300	6000		11500	1530	2300	4170		8000	1400	8000	9800	380	1920	2600	1.9	8.8	11.9	4.17
		2200	4000	4000		10200	1720	3140	3140		8000	1400	8000	9800	380	1960	2600	1.9	9.0	11.9	4.08
		2200	4000	6000		12200	1450	2620	3930		8000	1400	8000	9800	380	1950	2600	1.9	8.9	11.9	4.10
		3300	3300	3300		9900	2660	2670	2670		8000	1400	8000	9800	380	1930	2600	1.9	8.8	11.9	4.15
		3300	3300	4000		10600	2490	2490	3020		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19
		3300	3300	6000		12600	2100	2100	3800		8000	1400	8000	9800	380	1950	2600	1.9	8.9	11.9	4.10
		3300	4000	4000		11300	2340	2830	2830		8000	1400	8000	9800	380	1930	2600	1.9	8.8	11.9	4.15
		3300	4000	6000		13300	1980	2410	3610		8000	1400	8000	9800	380	1980	2700	1.9	9.1	12.4	4.04
		4000	4000	4000		12000	2660	2670	2670		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19

FJM Capacity Combination



COOLING																					
Outdoor unit		Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AU070FCJ4EH	1 Unit	2000				2000	2200				2200	1350	2200	3000	380	780	950	1.7	3.6	4.3	2.82
		2500				2500	2500				2500	1350	2500	3480	390	840	1100	1.8	3.8	5.0	2.98
		3500				3500	3500				3500	1350	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10
		5000				5000	4900				4900	1400	4900	6240	420	1520	2160	1.9	7.0	9.9	3.22
	2 Unit	2000	2000			4000	2000	2000			4000	1500	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23
		2000	2500			4500	2040	2560			4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22
		2000	3500			5500	2000	3500			5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22
		2000	5000			7000	2000	5000			7000	1900	7000	8400	580	2180	2520	2.7	10.0	11.5	3.21
		2500	2500			5000	2600	2600			5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13
		2500	3500			6000	2540	3560			6100	1820	6100	7320	440	1880	2260	2	8.6	10.3	3.24
		2500	5000			7500	2330	4670			7000	1900	7000	8400	580	2180	2540	2.7	10.0	11.6	3.21
		3500	3500			7000	3500	3500			7000	1900	7000	8000	580	2490	2620	2.7	11.4	12.0	2.81
		3500	5000			8500	2880	4120			7000	1900	7000	8900	580	2110	2540	2.7	9.7	11.6	3.32
		5000	5000			10000	3500	3500			7000	1900	7000	8900	580	2000	2540	2.7	9.2	11.6	3.50
		2000	2000	2000		6000	2000	2000	2000		6000	1810	6000	7200	440	1800	2280	2	8.2	10.4	3.33
		2000	2000	2500		6500	2030	2030	2540		6600	1870	6600	7920	440	1830	2460	2	8.4	11.3	3.61
	2000	2000	3500		7500	1780	1780	3120		6680	1900	6680	8020	580	1835	2410	2.7	8.4	11.0	3.64	
	2000	2000	5000		9000	1560	1560	3880		7000	1900	7000	8900	580	1850	2460	2.7	8.5	11.3	3.78	
	2000	2500	2500		7000	1910	2370	2370		6650	1900	6650	7980	580	1830	2410	2.7	8.4	11.0	3.63	
	2000	2500	3500		8000	1690	2110	2940		6740	1900	6740	8080	580	1840	2460	2.7	8.4	11.3	3.66	
	3 Unit	2000	2500	5000		9500	1480	1840	3680		7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72
		2000	3500	3500		9000	1520	2650	2650		6820	1900	6820	8180	580	1850	2510	2.7	8.5	11.5	3.69
		2000	3500	5000		10500	1340	2330	3330		7000	1900	7000	8900	580	1930	2510	2.7	8.8	11.5	3.63
		2500	2500	2500		7500	2240	2240	2240		6720	1900	6720	8050	580	1840	2420	2.7	8.4	11.1	3.65
		2500	2500	3500		8500	2000	2000	2790		6790	1900	6790	8150	580	1850	2460	2.7	8.5	11.3	3.67
		2500	2500	5000		10000	1750	1750	3500		7000	1900	7000	8900	580	1880	2510	2.7	8.6	11.5	3.72
		2500	3500	3500		9500	1840	2580	2580		7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72
		3500	3500	3500		10500	2330	2330	2330		6990	1900	6990	8900	580	1900	2510	2.7	8.7	11.5	3.68
		2000	2000	2000	2000	8000	1680	1680	1680	1680	6720	1900	6720	8070	580	1850	2460	2.7	8.5	11.3	3.63
		2000	2000	2000	2500	8500	1600	1600	1600	1980	6780	1900	6780	8140	580	1880	2460	2.7	8.6	11.3	3.61
		2000	2000	2000	3500	9500	1470	1470	1470	2590	7000	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68
		4 Unit	2000	2000	2500	2500	9000	1560	1560	1940	1940	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3
	2000		2000	2500	3500	10000	1400	1400	1750	2450	7000	1900	7000	8900	580	1900	2510	2.7	8.7	11.5	3.68
	2000		2500	2500	2500	9500	1480	1840	1840	1840	7000	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68
	2000		2500	2500	3500	10500	1330	1670	1670	2330	7000	1900	7000	8900	580	1930	2550	2.7	8.8	11.7	3.63
	2500		2500	2500	2500	10000	1750	1750	1750	1750	7000	1900	7000	8900	580	1900	2550	2.7	8.7	11.7	3.68
	2500		2500	2500	2500	10000	1750	1750	1750	1750	7000	1900	7000	8900	580	1900	2550	2.7	8.7	11.7	3.68

1. Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
2. The above is the value for connecting with the following indoor units.

- 2000, 2500, 3500, 5000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
3. Capacities are based on the following conditions:

- Corresponding refrigerant piping length : 5m / - Level difference : 0m
4. The total ability of connected a indoor unit is up to 10.5 kW (@ Cooling)
5. It is impossible to connect the indoor unit for one room only.
6. Power consumption include indoor unit power.

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AU070FCJ4EH	1 Unit	2200				2200	2200				2200	1790	2200	3220	580	950	1330	2.7	4.3	6.1	2.32
		3300				3300	3300				3300	1820	3300	3680	590	1150	1500	2.7	5.3	6.9	2.87
		4000				4000	4000				4000	1930	4000	4600	600	1300	1810	2.7	5.9	8.3	3.08
		6000				6000	6000				6000	2080	6000	6440	610	1750	2370	2.8	8.0	10.8	3.43
	2 Unit	2200	2200			4400	2200	2200			4400	1980	4400	5060	600	1220	1530	2.7	5.6	7.0	3.61
		2200	3300			5500	2040	3060			5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62
		2200	4000			6200	2130	3870			6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41
		2200	6000			8200	2090	5710			7800	2200	7800	9130	620	2160	2700	2.8	9.9	12.4	3.61
		3300	3300			6600	2900	2900			5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63
		3300	4000			7300	3030	3670			6700	2170	6700	8040	610	1940	2330	2.8	8.9	10.7	3.45
		3300	6000			9300	2770	5030			7800	2200	7800	9600	620	2160	2650	2.8	9.9	12.1	3.61
		4000	4000			8000	3800	3800			7600	2200	7600	9120	620	2180	2510	2.8	10.0	11.5	3.49
	4000	6000			10000	3250	4870			8120	2200	8120	9740	620	2250	2700	2.8	10.3	12.4	3.61	
	6000	6000			12000	4250	4250			8500	2200	8500	10200	620	2250	2740	2.8	10.3	12.5	3.78	
	3 Unit	2200	2200	2200		6600	2200	2200		2200	6600	2170	6600	7590	610	1830	2530	2.8	8.4	11.6	3.61
		2200	2200	3300		7700	2090	2090		3120	7300	2200	7300	8400	620	1880	2590	2.8	8.6	11.9	3.88
		2200	2200	4000		8400	2150	2150		3900	8200	2200	8200	9590	620	1930	2660	2.8	8.8	12.2	4.25
		2200	2200	6000		10400	1820	1820		4960	8600	2200	8600	10300	620	1960	2700	2.8	9.0	12.4	4.39
		2200	3300	3300		8800	2000	3000		3000	8000	2200	8000	9360	620	1900	2620	2.8	8.7	12.0	4.21
		2200	3300	4000		9500	1910	2870		3480	8260	2200	8260	9670	620	1930	2660	2.8	8.8	12.2	4.28
		2200	3300	6000		11500	1650	2470		4480	8600	2200	8600	10300	620	1970	2720	2.8	9.0	12.4	4.37
		2200	4000	4000		10200	1800	3270		3270	8340	2200	8340	9760	620	1950	2690	2.8	8.9	12.3	4.28
		2200	4000	6000		12200	1550	2820		4230	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30
		3300	3300	3300		9900	2750	2750		2750	8250	2200	8250	9650	620	1930	2660	2.8	8.8	12.2	4.27
		3300	3300	4000		10600	2600	2600		3130	8330	2200	8330	9740	620	1950	2690	2.8	8.9	12.3	4.27
		3300	3300	6000		12600	2250	2250		4100	8600	2200	8600	10300	620	1980	2730	2.8	9.1	12.5	4.34
		3300	4000	4000		11300	2520	3040		3040	8600	2200	8600	10300	620	1980	2730	2.8	9.1	12.5	4.34
		4000	4000	4000		12000	2860	2870		2870	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30
4 Unit		2200	2200	2200		8800	2060	2060		2070	8250	2200	8250	9660	620	1930	2660	2.8	8.8	12.2	4.27
		2200	2200	2200	3300	9900	1850	1850		1850	8320	2200	8320	9730	620	1950	2690	2.8	8.9	12.3	4.27
	2200	2200	2200	4000	10600	1790	1790		1790	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	
	2200	2200	3300	3300	11000	1720	1720		2580	8600	2200	8600	10300	620	1970	2720	2.8	9.0	12.4	4.37	
	2200	2200	3300	4000	11700	1620	1620		2430	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	
	2200	3300	3300	3300	12100	1550	2350		2350	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	
	2200	3300	3300	4000	12800	1480	2220		2220	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	
	3300	3300	3300	3300	13200	2150	2150		2150	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30	

FJM Capacity Combination



COOLING																					
Outdoor unit		Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ080FCJ4EH	1 Unit	2000				2000	2200				2200	1470	2200	3000	3800	780	950	1.7	3.6	4.3	2.82
		2500				2500	2500				2500	1520	2500	3480	390	840	1100	1.8	3.8	5.0	2.98
		3500				3500	3500				3500	1600	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10
		5000				5000	4900				4900	1750	4900	6240	420	1520	2160	1.9	7.0	9.9	3.22
		6800				6800	6000				6000	1900	6000	8000	580	1990	2800	2.7	9.1	12.8	3.02
	2 Unit	2000	2000			4000	2000	2000			4000	1640	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23
		2000	2500			4500	2040	2560			4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22
		2000	3500			5500	2000	3500			5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22
		2000	5000			7000	2060	5140			7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21
		2000	6800			8800	1690	5760			7450	1900	7450	8640	580	2350	2730	2.7	10.8	12.5	3.17
		2500	2500			5000	2600	2600			5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13
		2500	3500			6000	2540	3560			6100	1820	6100	7320	440	1900	2260	2	8.7	10.3	3.21
		2500	5000			7500	2400	4800			7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21
		2500	6800			9300	2030	5520			7550	1900	7550	8760	580	2380	2760	2.7	10.9	12.6	3.17
		3500	3500			7000	3500	3500			7000	1900	7000	8000	580	2490	2620	2.7	11.4	12.0	2.81
		3500	5000			8500	3030	4320			7350	1900	7350	8820	580	2290	2750	2.7	10.5	12.6	3.21
		3500	6800			10300	2620	5080			7700	1900	7700	8930	580	2400	2780	2.7	11.0	12.7	3.21
		5000	5000			10000	3830	3830			7660	1900	7660	9180	580	2380	2860	2.7	10.9	13.1	3.22
		5000	6800			11800	3310	4490			7800	1900	7800	8970	580	2430	2820	2.7	11.1	12.9	3.21
	3 Unit	2000	2000	2000		6000	2000	2000	2000		6000	1810	6000	7200	440	1850	2310	2	8.5	10.6	3.24
		2000	2000	2500		6500	2030	2030	2540		6600	1870	6600	7920	440	2000	2500	2	9.2	11.4	3.30
		2000	2000	3500		7500	2000	2000	3500		7500	1900	7500	9000	580	2220	2780	2.7	10.2	12.7	3.38
		2000	2000	5000		9000	1700	1700	4250		7650	1900	7650	9180	580	2190	2730	2.7	10.0	12.5	3.49
		2000	2000	6800		10800	1480	1480	5040		8000	1900	8000	9300	580	2270	2870	2.7	10.4	13.1	3.52
		2000	2500	2500		7000	2060	2570	2570		7200	1900	7200	8640	580	2150	2680	2.7	9.8	12.3	3.35
		2000	2500	3500		8000	1890	2360	3300		7550	1900	7550	9060	580	2150	2690	2.7	9.8	12.3	3.51
		2000	2500	5000		9500	1620	2030	4060		7710	1900	7710	9250	580	2190	2730	2.7	10.0	12.5	3.52
		2000	2500	6800		11300	1420	1770	4810		8000	1900	8000	9300	580	2270	2870	2.7	10.4	13.1	3.52
		2000	3500	3500		9000	1700	2970	2970		7640	1900	7640	9160	580	2190	2730	2.7	10.0	12.5	3.49
		2000	3500	5000		10500	1520	2670	3810		8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54
		2000	5000	5000		12000	1340	3330	3330		8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48
		2500	2500	2500		7500	2510	2510	2510		7530	1900	7530	9030	580	2110	2640	2.7	9.7	12.1	3.57
		2500	2500	3500		8500	2240	2240	3130		7610	1900	7610	9130	580	2140	2690	2.7	9.8	12.3	3.56
		2500	2500	5000		10000	1940	1940	3880		7760	1900	7760	9300	580	2210	2780	2.7	10.1	12.7	3.51
		2500	2500	6800		11800	1690	1690	4620		8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48
		2500	3500	3500		9500	2030	2830	2830		7690	1900	7690	9230	580	2180	2730	2.7	10.0	12.5	3.53
		2500	3500	5000		11000	1820	2550	3630		8000	1900	8000	9300	580	2260	2870	2.7	10.3	13.1	3.54
		3500	3500	3500		10500	2670	2670	2660		8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54
		3500	3500	5000		12000	2340	2340	3320		8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48
	4 Unit	2000	2000	2000	2000	8000	1890	1890	1890	1890	7560	1900	7560	9050	580	2140	2690	2.7	9.8	12.3	3.53
		2000	2000	2000	2500	8500	1790	1790	1790	2230	7600	1900	7600	9120	580	2140	2690	2.7	9.8	12.3	3.55
		2000	2000	2000	3500	9500	1620	1620	1620	2820	7680	1900	7680	9220	580	2180	2730	2.7	10.0	12.5	3.52
		2000	2000	2000	5000	11000	1450	1450	1450	3650	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48
		2000	2000	2500	2500	9000	1700	1700	2130	2130	7660	1900	7660	9180	580	2190	2730	2.7	10.0	12.5	3.50
		2000	2000	2500	3500	10000	1550	1550	1930	2700	7730	1900	7730	9280	580	2200	2780	2.7	10.1	12.7	3.51
		2000	2000	2500	5000	11500	1390	1390	1740	3480	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48
		2000	2000	3500	3500	11000	1450	1450	2550	2550	8000	1900	8000	9300	580	2280	2870	2.7	10.4	13.1	3.51
		2000	2500	2500	2500	9500	1620	2030	2030	2030	7710	1900	7710	9250	580	2190	2730	2.7	10.0	12.5	3.52
		2000	2500	2500	3500	10500	1530	1900	1900	2670	8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54
		2000	2500	2500	5000	12000	1330	1670	1670	3330	8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48
		2000	2500	3500	3500	11500	1400	1740	2430	2430	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48
		2500	2500	2500	2500	10000	1940	1940	1940	1940	7760	1900	7760	9300	580	2220	2780	2.7	10.2	12.7	3.50
		2500	2500	2500	3500	11000	1820	1820	1820	2540	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48
		2500	2500	3500	3500	12000	1670	1670	2330	2330	8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500, 5000, 6800W class: Wall Mounted [only for AR**FSSDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 12.0 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ080FCJ4EH	1 Unit	2200				2200	2200				2200	1790	2200	3220	580	950	1330	2.7	4.3	6.1	2.32
		3300				3300	3300				3300	1820	3300	3680	590	1150	1500	2.7	5.3	6.9	2.87
		4000				4000	4000				4000	1930	4000	4600	600	1300	1810	2.7	5.9	8.3	3.08
		6000				6000	6000				6000	2080	6000	6440	610	1750	2370	2.8	8.0	10.8	3.43
		7800				7800	7800				7800	2200	7800	8450	620	2250	2550	2.8	10.3	11.7	3.47
AJ080FCJ4EH	2 Unit	2200	2200			4400	2200	2200			4400	1980	4400	5060	600	1220	1530	2.7	5.6	7.0	3.61
		2200	3300			5500	2040	3060			5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62
		2200	4000			6200	2130	3870			6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41
		2200	6000			8200	2090	5710			7800	2200	7800	9130	620	2160	2580	2.8	9.9	11.8	3.61
		2200	7800			10000	1790	6330			8120	2200	8120	9300	620	2250	2600	2.8	10.3	11.9	3.61
		3300	3300			6600	2900	2900			5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63
		3300	4000			7300	3030	3670			6700	2170	6700	7710	610	1940	2330	2.8	8.9	10.7	3.45
		3300	6000			9300	2770	5030			7800	2200	7800	9360	620	2160	2600	2.8	9.9	11.9	3.61
		3300	7800			11100	2480	5870			8350	2200	8350	9600	620	2340	2700	2.8	10.7	12.4	3.57
		4000	4000			8000	3800	3800			7600	2200	7600	8740	620	2180	2510	2.8	10.0	11.5	3.49
		4000	6000			10000	3250	4870			8120	2200	8120	9500	620	2250	2650	2.8	10.3	12.1	3.61
		4000	7800			11800	2860	5590			8450	2200	8450	9700	620	2380	2700	2.8	10.9	12.4	3.55
		6000	6000			12000	4250	4250			8500	2200	8500	9950	620	2340	2750	2.8	10.7	12.6	3.63
		6000	7800			13800	3760	4890			8650	2200	8650	9900	620	2420	2800	2.8	11.1	12.8	3.57
		AJ080FCJ4EH	3 Unit	2200	2200	2200		6600	2200	2200	2200		6600	2170	6600	7590	610	1830	2220	2.8	8.4
2200	2200			3300		7700	2090	2090	3120		7300	2200	7300	8400	620	1950	2340	2.8	8.9	10.7	3.74
2200	2200			4000		8400	2150	2150	3900		8200	2200	8200	9590	620	2150	2570	2.8	9.8	11.8	3.81
2200	2200			6000		10400	1820	1820	4980		8620	2200	8620	10090	620	2140	2610	2.8	9.8	11.9	4.03
2200	2200			7800		12200	1580	1580	5590		8750	2200	8750	10500	620	2150	2750	2.8	9.8	12.6	4.07
2200	3300			3300		8800	2000	3000	3000		8000	2200	8000	9360	620	2080	2500	2.8	9.5	11.4	3.85
2200	3300			4000		9500	1980	2960	3590		8530	2200	8530	9980	620	2100	2690	2.8	9.6	12.3	4.06
2200	3300			6000		11500	1660	2490	4530		8680	2200	8680	10150	620	2140	2740	2.8	9.8	12.5	4.06
2200	3300			7800		13300	1540	2310	5450		9300	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13
2200	4000			4000		10200	1860	3370	3370		8600	2200	8600	10070	620	2140	2740	2.8	9.8	12.5	4.02
2200	4000			6000		12200	1580	2870	4300		8750	2200	8750	10500	620	2150	2750	2.8	9.8	12.6	4.07
2200	6000			6000		14200	1440	3930	3930		9300	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13
3300	3300			3300		9900	2840	2840	2840		8520	2200	8520	9960	620	2090	2680	2.8	9.6	12.3	4.08
3300	3300			4000		10600	2670	2670	3250		8590	2200	8590	10050	620	2100	2690	2.8	9.6	12.3	4.09
3300	3300			6000		12600	2290	2290	4170		8750	2200	8750	10500	620	2140	2740	2.8	9.8	12.5	4.09
3300	3300			7800		14400	2130	2130	5040		9300	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13
3300	4000			4000		11300	2520	3070	3070		8660	2200	8660	10130	620	2140	2740	2.8	9.8	12.5	4.05
3300	4000			6000		13300	2310	2800	4190		9300	2200	9300	10500	620	2150	2750	2.8	9.8	12.6	4.33
4000	4000			4000		12000	2910	2910	2910		8730	2200	8730	10220	620	2150	2750	2.8	9.8	12.6	4.06
4000	4000			6000		14000	2660	2660	3980		9300	2200	9300	10900	620	2180	2790	2.8	10.0	12.8	4.27
AJ080FCJ4EH	4 Unit	2200	2200	2200	2200	8800	2130	2130	2130	2130	8520	2200	8520	9970	620	2100	2690	2.8	9.6	12.3	4.06
		2200	2200	2200	3300	9900	1910	1910	1910	2850	8580	2200	8580	10040	620	2100	2690	2.8	9.6	12.3	4.09
		2200	2200	2200	4000	10600	1800	1800	1800	3250	8650	2200	8650	10120	620	2140	2740	2.8	9.8	12.5	4.04
		2200	2200	2200	6000	12600	1620	1620	1620	4440	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23
		2200	2200	3300	3300	11000	1730	1730	2590	2590	8640	2200	8640	10100	620	2140	2740	2.8	9.8	12.5	4.04
		2200	2200	3300	4000	11700	1640	1640	2460	2970	8710	2200	8710	10190	620	2140	2740	2.8	9.8	12.5	4.07
		2200	2200	3300	6000	13700	1490	1490	2240	4080	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23
		2200	2200	4000	4000	12400	1560	1560	2830	2830	8780	2200	8780	10270	620	2180	2790	2.8	10.0	12.8	4.03
		2200	3300	3300	3300	12100	1580	2370	2370	2370	8690	2200	8690	10170	620	2140	2740	2.8	9.8	12.5	4.06
		2200	3300	3300	4000	12800	1510	2260	2260	2730	8760	2200	8760	10250	620	2180	2790	2.8	10.0	12.8	4.02
		2200	3300	3300	6000	14800	1390	2070	2070	3770	9300	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13
		2200	3300	4000	4000	13500	1520	2260	2760	2760	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23
		3300	3300	3300	3300	13200	2190	2190	2190	2190	8760	2200	8760	10240	620	2140	2740	2.8	9.8	12.5	4.09
		3300	3300	3300	4000	13900	2210	2210	2210	2670	9300	2200	9300	10900	620	2180	2790	2.8	10.0	12.8	4.27
		3300	3300	4000	4000	14600	2100	2100	2550	2550	9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23



Capacity Combination



COOLING																							
Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A			
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit		2000					2000	2000					2000	1600	2000	3000	580	700	1010	2.7	3.2	4.6	2.86
		2500					2500	2500					2500	1600	2500	3630	580	800	1210	2.7	3.7	5.5	3.13
		3500					3500	3500					3500	1620	3500	4740	590	1070	1580	2.7	4.9	7.2	3.27
		5000					5000	5000					5000	1650	5000	6480	600	1500	2160	2.7	6.9	9.9	3.33
2 Unit		6800					6800	6800					6800	1710	6800	8690	620	2180	2900	2.8	10.0	13.3	3.12
		2000	2000				4000	2000	2000				4000	1680	4000	4900	610	1260	1650	2.8	5.8	7.6	3.17
		2000	2500				4500	2000	2500				4500	1680	4500	5530	610	1400	1860	2.8	6.4	8.5	3.21
		2000	3500				5500	2000	3500				5500	1710	5500	6950	620	1750	2330	2.8	8.0	10.7	3.14
		2000	5000				7000	2000	5000				7000	2210	7000	8690	630	2190	2910	2.9	10.0	13.3	3.20
		2000	6800				8800	1830	6240				8070	2280	8070	10110	650	2550	3390	3	11.7	15.5	3.16
		2500	2500				5000	2500	2500				5000	1680	5000	6320	610	1600	2120	2.8	7.3	9.7	3.13
		2500	3500				6000	2500	3500				6000	1710	6000	7270	620	1840	2430	2.8	8.4	11.1	3.26
		2500	5000				7500	2500	5000				7500	2210	7500	9320	630	2340	3120	2.9	10.7	14.3	3.21
		2500	6800				9300	2190	5960				8150	2280	8150	10110	650	2550	3390	3	11.7	15.5	3.20
		3500	3500				7000	3500	3500				7000	2170	7000	8530	620	2130	2850	2.8	9.7	13.0	3.29
		3500	5000				8500	3300	4720				8020	2240	8020	9950	640	2490	3330	2.9	11.4	15.2	3.22
		3500	6800				10300	2920	5670				8590	2480	8590	10740	660	2700	3600	3	12.4	16.5	3.18
		5000	5000				10000	4280	4280				8560	2440	8560	10430	650	2650	3500	3	12.1	16.0	3.23
		5000	6800				11800	3740	5080				8820	2510	8820	10900	670	2760	3670	3.1	12.6	16.8	3.20
		6800	6800				13600	4550	4550				9100	3110	9100	11000	690	2830	3740	3.2	13.0	17.1	3.22
AJ100FCJ5EH		2000	2000	2000			6000	2000	2000	2000			6000	1760	6000	7270	640	1870	2460	2.9	8.6	11.3	3.21
		2000	2000	2500			6500	2000	2000	2500			6500	1760	6500	7900	640	2010	2660	2.9	9.2	12.2	3.23
		2000	2000	3500			7500	2000	2000	3500			7500	2280	7500	8850	650	2260	2980	3	10.3	13.6	3.32
		2000	2000	5000			9000	1930	1930	4830			8690	2310	8690	10270	660	2610	3450	3	11.9	15.8	3.33
		2000	2000	6800			10800	1660	1660	5650			8970	2550	8970	10430	680	2680	3530	3.1	12.3	16.2	3.35
		2000	2500	2500			7000	2000	2500	2500			7000	2240	7000	8370	640	2110	2820	2.9	9.7	12.9	3.32
		2000	2500	3500			8000	2000	2500	3500			8000	2280	8000	9320	650	2350	3130	3	10.8	14.3	3.40
		2000	2500	5000			9500	1850	2310	4620			8780	2310	8780	10270	660	2610	3450	3	11.9	15.8	3.36
		2000	2500	6800			11300	1550	1940	5270			8760	2550	8760	10430	680	2680	3530	3.1	12.3	16.2	3.27
		2000	3500	3500			9000	1930	3380	3380			8690	2280	8690	10270	650	2600	3440	3	11.9	15.7	3.34
		2000	3500	5000			10500	1700	2980	4250			8930	2510	8930	10430	670	2660	3510	3.1	12.2	16.1	3.36
		2000	3500	6800			12300	1460	2550	4950			8960	2760	8960	10740	690	2730	3630	3.2	12.5	16.6	3.28
		2000	5000	5000			12000	1480	3710	3710			8900	2720	8900	10740	680	2720	3630	3.1	12.4	16.6	3.27
		2000	5000	6800			13800	1340	3360	4560			9260	3150	9260	11000	700	2840	3750	3.2	13.0	17.2	3.26
		2000	6800	6800			15600	1260	4270	4270			9800	3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43
		2500	2500	2500			7500	2500	2500	2500			7500	2240	7500	8850	640	2250	2970	2.9	10.3	13.6	3.33
		2500	2500	3500			8500	2500	2500	3500			8500	2280	8500	9950	650	2500	3340	3	11.4	15.3	3.40
		2500	2500	5000			10000	2210	2210	4430			8850	2480	8850	10270	660	2610	3450	3	11.9	15.8	3.39
		2500	2500	6800			11800	1880	1880	5110			8870	2550	8870	10740	680	2720	3630	3.1	12.4	16.6	3.26
		2500	3500	3500			9500	2310	3230	3230			8770	2280	8770	10270	650	2600	3440	3	11.9	15.7	3.37
		2500	3500	5000			11000	1980	2770	3950			8700	2510	8700	10430	670	2660	3510	3.1	12.2	16.1	3.27
		2500	3500	6800			12800	1770	2480	4810			9060	2760	9060	10900	690	2780	3690	3.2	12.7	16.9	3.26
		2500	5000	5000			12500	1800	3600	3600			9000	2720	9000	10900	680	2770	3680	3.1	12.7	16.8	3.25
		2500	5000	6800			14300	1640	3270	4450			9360	3150	9360	11000	700	2740	3750	3.2	12.5	17.2	3.42
		2500	6800	6800			16100	1520	4140	4140			9800	3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43
		3500	3500	3500			10500	2980	2980	2980			8940	2480	8940	10430	660	2650	3500	3	12.1	16.0	3.37
		3500	3500	5000			12000	2600	2600	3710			8910	2680	8910	10740	670	2710	3620	3.1	12.4	16.6	3.29
		3500	3500	6800			13800	2350	2350	4560			9260	3110	9260	11000	690	2830	3740	3.2	13.0	17.1	3.27
		3500	5000	5000			13500	2390	3410	3410			9210	3110	9210	11000	690	2820	3740	3.2	12.9	17.1	3.27
		3500	5000	6800			15300	2240	3200	4360			9800	3200	9800	11000	710	2800	3760	3.2	12.8	17.2	3.50
		3500	6800	6800			17100	2000	3900	3900			9800	3290	9800	11000	730	2910	3780	3.3	13.3	17.3	3.37
		5000	5000	5000			15000	3260	3270	3270			9800	3150	9800	11000	700	2790	3750	3.2	12.8	17.2	3.51
	5000	5000	6800			16800	2920	2920	3960			9800	3240	9800	11000	720	2910	3770	3.3	13.3	17.3	3.37	

COOLING																							
Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A			
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ100FCJ5EH	4 Unit	2000	2000	2000	2000		8000	2000	2000	2000	2000		8000	2350	8000	9320	670	2380	3160	3.1	10.9	14.5	3.36
		2000	2000	2000	2500		8500	2000	2000	2000	2500		8500	2350	8500	9950	670	2520	3360	3.1	11.5	15.4	3.37
		2000	2000	2000	3500		9500	1850	1850	1850	3230		8780	2380	8780	10270	680	2620	3470	3.1	12.0	15.9	3.35
		2000	2000	2000	5000		11000	1580	1580	1580	3950		8690	2590	8690	10430	690	2690	3540	3.2	12.3	16.2	3.23
		2000	2000	2000	6800		12800	1420	1420	1420	4820		9080	2840	9080	10900	710	2800	3710	3.2	12.8	17.0	3.24
		2000	2000	2500	2500		9000	1930	1930	2420	2420		8700	2350	8700	10270	670	2620	3460	3.1	12.0	15.8	3.32
		2000	2000	2500	3500		10000	1770	1770	2210	3100		8850	2550	8850	10270	680	2820	3470	3.1	12.0	15.9	3.38
		2000	2000	2500	5000		11500	1530	1530	1910	3830		8800	2590	8800	10740	690	2730	3640	3.2	12.5	16.7	3.22
		2000	2000	2500	6800		13300	1380	1380	1720	4680		9160	3200	9160	10900	710	2800	3710	3.2	12.8	17.0	3.27
		2000	2000	3500	3500		11000	1580	1580	2770	2770		8700	2550	8700	10430	680	2680	3530	3.1	12.3	16.2	3.25
		2000	2000	3500	5000		12500	1440	1440	2520	3600		9000	2800	9000	10900	700	2790	3700	3.2	12.8	16.9	3.23
		2000	2000	3500	6800		14300	1310	1310	2290	4450		9360	3240	9360	11000	720	2760	3770	3.3	12.6	17.3	3.39
		2000	2000	5000	5000		14000	1330	1330	3230	3320		9300	3200	9300	11000	710	2850	3760	3.2	13.0	17.2	3.26
		2000	2000	5000	6800		15800	1240	1240	3100	4220		9800	3290	9800	11000	730	2870	3780	3.3	13.1	17.3	3.41
		2000	2500	2500	2500		9500	1850	2310	2310	2310		8780	2350	8780	10270	670	2620	3460	3.1	12.0	15.8	3.35
		2000	2500	2500	3500		10500	1700	2130	2130	2980		8940	2550	8940	10430	680	2670	3520	3.1	12.2	16.1	3.35
		2000	2500	2500	5000		12000	1480	1850	1850	3700		8880	2760	8880	10740	690	2730	3640	3.2	12.5	16.7	3.25
		2000	2500	2500	6800		13800	1340	1680	1680	4560		9260	3200	9260	11000	710	2850	3760	3.2	13.0	17.2	3.25
		2000	2500	3500	3500		11500	1530	1910	2680	2680		8800	2550	8800	10740	680	2720	3630	3.1	12.4	16.6	3.24
		2000	2500	3500	5000		13000	1400	1750	2450	3500		9100	3150	9100	10900	700	2790	3700	3.2	12.8	16.9	3.26
		2000	2500	3500	6800		14800	1280	1600	2240	4350		9470	3240	9470	11000	720	2810	3770	3.3	12.9	17.3	3.37
		2000	2500	5000	5000		14500	1300	1620	3240	3240		9400	3200	9400	11000	710	2800	3760	3.2	12.8	17.2	3.36
		2000	2500	5000	6800		16300	1200	1500	3010	4090		9800	3290	9800	11000	730	2870	3780	3.3	13.1	17.3	3.41
		2000	3500	3500	3500		12500	1440	2520	2520	2520		9000	2760	9000	10900	690	2680	3690	3.2	12.7	16.9	3.24
		2000	3500	3500	5000		14000	1330	2330	2330	3330		9320	3150	9320	11000	700	2840	3750	3.2	13.0	17.2	3.28
		2000	3500	3500	6800		15800	1240	2170	2170	4220		9800	3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43
		2000	3500	5000	5000		15500	1270	2210	3160	3160		9800	3240	9800	11000	720	2850	3770	3.3	13.0	17.3	3.44
		2000	3500	5000	6800		17300	1140	1980	2830	3850		9800	3330	9800	11000	740	2920	3790	3.4	13.4	17.3	3.36
		2000	5000	5000	5000		17000	1160	2880	2880	2880		9800	3290	9800	11000	730	2920	3780	3.3	13.4	17.3	3.36
		2500	2500	2500	2500		10000	2210	2210	2210	2210		8840	2510	8840	10270	670	2620	3460	3.1	12.0	15.8	3.37
		2500	2500	2500	3500		11000	1980	1980	1980	2770		8710	2550	8710	10430	680	2670	3520	3.1	12.2	16.1	3.26
		2500	2500	2500	5000		12500	1800	1800	1800	3600		9000	2760	9000	10900	690	2680	3690	3.2	12.7	16.9	3.24
		2500	2500	2500	6800		14300	1640	1640	1640	4460		9380	3200	9380	11000	710	2750	3760	3.2	12.6	17.2	3.41
		2500	2500	3500	3500		12000	1850	1850	2600	2600		8900	2720	8900	10740	680	2720	3630	3.1	12.4	16.6	3.27
		2500	2500	3500	5000		13500	1700	1700	2390	3410		9200	3150	9200	11000	700	2830	3750	3.2	13.0	17.2	3.25
		2500	2500	3500	6800		15300	1600	1600	2240	4360		9800	3240	9800	11000	720	2810	3770	3.3	12.9	17.3	3.49
2500	2500	5000	5000		15000	1630	1630	3270	3270		9800	3200	9800	11000	710	2800	3760	3.2	12.8	17.2	3.50		
2500	2500	5000	6800		16800	1460	1460	2920	3960		9800	3290	9800	11000	730	2920	3780	3.3	13.4	17.3	3.36		
2500	3500	3500	3500		13000	1750	2450	2450	2450		9100	3110	9100	10900	690	2780	3690	3.2	12.7	16.9	3.27		
2500	3500	3500	5000		14500	1620	2270	2270	3240		9400	3150	9400	11000	700	2790	3750	3.2	12.8	17.2	3.37		
2500	3500	3500	6800		16300	1510	2100	2100	4090		9800	3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43		
2500	3500	5000	5000		16000	1540	2140	3060	3060		9800	3240	9800	11000	720	2850	3770	3.3	13.0	17.3	3.44		
3500	3500	3500	3500		14000	2330	2330	2330	2330		9320	3110	9320	11000	690	2830	3740	3.2	13.0	17.1	3.29		
3500	3500	3500	5000		15500	2210	2210	2210	3170		9800	3200	9800	11000	710	2840	3760	3.2	13.0	17.2	3.45		
3500	3500	3500	6800		17300	1980	1980	1980	3860		9800	3290	9800	11000	730	2910	3780	3.3	13.3	17.3	3.37		
3500	3500	5000	5000		17000	2020	2020	2880	2880		9800	3240	9800	11000	720	2910	3770	3.3	13.3	17.3	3.37		



Capacity Combination



COOLING

Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER	
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A				
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
AJ100FCJ5EH	5 Unit	2000	2000	2000	2000	2000	10000	1900	1900	1900	1900	1900	9500	2630	9500	10270	700	2650	3490	3.2	12.1	16.0	3.58	
		2000	2000	2000	2000	2500	10500	1820	1820	1820	1820	2270	9550	2630	9550	10430	700	2700	3550	3.2	12.4	16.2	3.54	
		2000	2000	2000	2000	3500	11500	1680	1680	1680	1680	2940	9660	2660	9660	10740	710	2750	3650	3.2	12.6	16.7	3.51	
		2000	2000	2000	2000	5000	13000	1540	1540	1540	1540	3840	10000	3240	10000	10900	720	2810	3720	3.3	12.9	17.0	3.56	
		2000	2000	2000	2000	2000	6800	14800	1350	1350	1350	1350	4600	10000	3330	10000	11000	740	2830	3790	3.4	13.0	17.3	3.53
		2000	2000	2000	2500	2500	11000	1750	1750	1750	2180	2180	9610	2630	9610	10430	700	2700	3550	3.2	12.4	16.2	3.56	
		2000	2000	2000	2500	3500	12000	1620	1620	1620	2020	2830	9710	2840	9710	10740	710	2750	3650	3.2	12.6	16.7	3.53	
		2000	2000	2000	2500	5000	13500	1480	1480	1480	1860	3700	10000	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50	
		2000	2000	2000	2500	6800	15300	1310	1310	1310	1630	4440	10000	3330	10000	11000	740	2830	3790	3.4	13.0	17.3	3.53	
		2000	2000	2000	3500	3500	13000	1540	1540	1540	2690	2690	10000	3200	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57	
		2000	2000	2000	3500	5000	14500	1380	1380	1380	2410	3450	10000	3290	10000	11000	730	2820	3780	3.3	12.9	17.3	3.55	
		2000	2000	2000	3500	6800	16300	1230	1230	1230	2150	4160	10000	3380	10000	11000	750	2880	3800	3.4	13.2	17.4	3.47	
		2000	2000	2000	5000	5000	16000	1240	1240	1240	3140	3140	10000	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47	
		2000	2000	2500	2500	2500	11500	1680	1680	2100	2100	2100	9660	2630	9660	10740	700	2740	3650	3.2	12.5	16.7	3.53	
		2000	2000	2500	2500	3500	12500	1600	1600	2000	2000	2800	10000	2840	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57	
		2000	2000	2500	2500	5000	14000	1430	1430	1790	1790	3560	10000	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50	
		2000	2000	2500	2500	6800	15800	1270	1270	1580	1580	4300	10000	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47	
		2000	2000	2500	3500	3500	13500	1480	1480	1860	2590	2590	10000	3200	10000	11000	710	2850	3760	3.2	13.0	17.2	3.51	
		2000	2000	2500	3500	5000	15000	1330	1330	1680	2330	3330	10000	3290	10000	11000	730	2820	3780	3.3	12.9	17.3	3.55	
		2000	2000	2500	3500	6800	16800	1190	1190	1490	2080	4050	10000	3380	10000	11000	750	2930	3800	3.4	13.4	17.4	3.41	
		2000	2000	2500	5000	5000	16500	1210	1210	1520	3030	3030	10000	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41	
		2000	2000	3500	3500	3500	14500	1370	1370	2420	2420	2420	10000	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56	
		2000	2000	3500	3500	5000	16000	1250	1250	2190	2190	3120	10000	3290	10000	11000	730	2870	3780	3.3	13.1	17.3	3.48	
		2000	2500	2500	2500	2500	12000	1620	2020	2020	2020	2020	9700	2800	9700	10740	700	2740	3650	3.2	12.5	16.7	3.54	
		2000	2500	2500	2500	3500	13000	1550	1920	1920	1920	2690	10000	3200	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57	
		2000	2500	2500	2500	5000	14500	1390	1720	1720	1720	3450	10000	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56	
		2000	2500	2500	2500	6800	16300	1240	1530	1530	1530	4170	10000	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47	
		2000	2500	2500	3500	3500	14000	1440	1790	1790	2490	2490	10000	3200	10000	11000	710	2850	3760	3.2	13.0	17.2	3.51	
		2000	2500	2500	3500	5000	15500	1290	1610	1610	2260	3230	10000	3290	10000	11000	730	2860	3780	3.3	13.1	17.3	3.50	
		2000	2500	2500	3500	6800	17300	1160	1450	1450	2020	3920	10000	3380	10000	11000	750	2930	3800	3.4	13.4	17.4	3.41	
		2000	2500	2500	5000	5000	17000	1180	1470	1470	2940	2940	10000	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41	
		2000	2500	3500	3500	3500	15000	1340	1670	2330	2330	2330	10000	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56	
		2000	2500	3500	3500	5000	16500	1210	1520	2120	2120	3030	10000	3290	10000	11000	730	2920	3780	3.3	13.4	17.3	3.42	
		2000	3500	3500	3500	3500	16000	1240	2190	2190	2190	2190	10000	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50	
		2500	2500	2500	2500	2500	12500	2000	2000	2000	2000	2000	10000	3000	10000	11000	700	2900	3700	3.2	13.3	16.9	3.45	
		2500	2500	2500	2500	3500	13500	1850	1850	1850	1850	2600	10000	3200	10000	11000	710	2840	3760	3.2	13.0	17.2	3.52	
		2500	2500	2500	2500	5000	15000	1670	1670	1670	1670	3320	10000	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56	
		2500	2500	2500	2500	6800	16800	1490	1490	1490	1490	4040	10000	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41	
		2500	2500	2500	3500	3500	14500	1720	1720	1720	2420	2420	10000	3200	10000	11000	710	2800	3760	3.2	12.8	17.2	3.57	
		2500	2500	2500	3500	5000	16000	1560	1560	1560	2190	3130	10000	3290	10000	11000	730	2860	3780	3.3	13.1	17.3	3.50	
		2500	2500	3500	3500	3500	15500	1610	1610	2260	2260	2260	10000	3240	10000	11000	720	2850	3770	3.3	13.0	17.3	3.51	
		2500	2500	3500	3500	5000	17000	1470	1470	2060	2060	2940	10000	3290	10000	11000	730	2920	3780	3.3	13.4	17.3	3.42	
		2500	3500	3500	3500	3500	16500	1520	2120	2120	2120	2120	10000	3240	10000	11000	720	2910	3770	3.3	13.3	17.3	3.44	

HEATING

Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER	
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A				
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
AJ100FC-J5EH	1 Unit	2200					2200	2200						2200	1160	2200	3160	430	900	1080	2	4.1	4.9	2.44
		3300					3300	3200						3200	1160	3200	4270	430	1070	1284	2	4.9	5.9	2.99
		4000					4000	4000						4000	1190	4000	5210	440	1280	1536	2	5.9	7.0	3.13
		6000					6000	6000						6000	1220	6000	7430	450	1800	2160	2.1	8.2	9.9	3.33
		7800					7800	7800						7800	1270	7800	9640	470	2350	2820	2.2	10.8	12.9	3.32
	2 Unit	2200	2200				4400	2200	2200					4400	1240	4400	5530	460	1250	1520	2.1	5.7	7.0	3.52
		2200	3300				5500	2200	3300					5500	1240	5500	6790	460	1520	1850	2.1	7.0	8.5	3.62
		2200	4000				6200	2200	4000					6200	1270	6200	7580	470	1700	2060	2.2	7.8	9.4	3.65
		2200	6000				8200	2200	6000					8200	1300	8200	10110	480	2240	2750	2.2	10.3	12.6	3.66
		2200	7800				10000	2200	7800					10000	1500	10000	12480	500	2790	3390	2.3	12.8	15.5	3.58
		3300	3300				6600	3300	3300					6600	1240	6600	8220	460	1820	2230	2.1	8.3	10.2	3.63
		3300	4000				7300	3300	4000					7300	1270	7300	9010	470	2010	2440	2.2	9.2	11.2	3.63
		3300	6000				9300	3300	6000					9300	1300	9300	11690	480	2590	3160	2.2	11.9	14.5	3.59
		3300	7800				11100	3150	7450					10600	1500	10600	13110	500	2920	3560	2.3	13.4	16.3	3.63
		4000	4000				8000	4000	4000					8000	1270	8000	9800	470	2190	2650	2.2	10.0	12.1	3.65
		4000	6000				10000	4000	6000					10000	1470	10000	12320	490	2730	3330	2.2	12.5	15.2	3.66
		4000	7800				11800	3590	7010					10600	1530	10600	13110	510	2930	3560	2.3	13.4	16.3	3.62
		6000	6000				12000	5300	5300					10600	1650	10600	13110	500	2920	3560	2.3	13.4	16.3	3.63
		6000	7800				13800	4610	5990					10600	1820	10600	13110	520	2940	3580	2.4	13.5	16.4	3.61
		7800	7800				15600	5300	5300					10600	2160	10600	12960	540	2920	3560	2.5	13.4	16.3	3.63
	3 Unit	2200	2200	2200			6600	2200	2200	2200				6600	1320	6600	7580	490	1720	2090	2.2	7.9	9.6	3.84
		2200	2200	3300			7700	2200	2200	3300				7700	1320	7700	9010	490	2030	2460	2.2	9.3	11.3	3.79
		2200	2200	4000			8400	2200	2200	4000				8400	1350	8400	9800	500	2210	2680	2.3	10.1	12.3	3.80
		2200	2200	6000			10400	2050	2050	5590				9690	1530	9690	12170	510	2710	3320	2.3	12.4	15.2	3.58
		2200	2200	7800			12200	1780	1780	6300				9860	1750	9860	12170	530	2730	3340	2.4	12.5	15.3	3.61
		2200	3300	3300			8800	2200	3300	3300				8800	1320	8800	10740	490	2380	2920	2.2	10.9	13.4	3.70
		2200	3300	4000			9500	2200	3300	4000				9500	1350	9500	11380	500	2520	3090	2.3	11.5	14.1	3.77
		2200	3300	6000			11500	1870	2810	5110				9790	1530	9790	11850	510	2670	3230	2.3	12.2	14.8	3.67
		2200	3300	7800			13300	1650	2470	5850				9970	1860	9970	12170	530	2730	3340	2.4	12.5	15.3	3.65
		2200	4000	4000			10200	2090	3790	3790				9670	1500	9670	12170	500	2700	3310	2.3	12.4	15.1	3.58
		2200	4000	6000			12200	1780	3230	4850				9860	1720	9860	12170	520	2720	3320	2.4	12.4	15.2	3.63
		2200	4000	7800			14000	1580	2870	5590				10040	1890	10040	12320	540	2780	3380	2.5	12.7	15.5	3.61
		2200	6000	6000			14200	1560	4250	4250				10060	1860	10060	12320	530	2780	3380	2.4	12.7	15.5	3.62
		2200	6000	7800			16000	1490	4050	5270				10810	2200	10810	12800	550	2880	3520	2.5	13.2	16.1	3.75
		2200	7800	7800			17800	1360	4820	4820				11000	2280	11000	12960	570	2950	3590	2.6	13.5	16.4	3.73
		3300	3300	3300			9900	3210	3210	3210				9630	1470	9630	11850	490	2650	3210	2.2	12.1	14.7	3.63
		3300	3300	4000			10600	3020	3020	3660				9700	1500	9700	11530	500	2560	3140	2.3	11.7	14.4	3.79
		3300	3300	6000			12600	2590	2590	4710				9890	1680	9890	12320	510	2760	3360	2.3	12.6	15.4	3.58
		3300	3300	7800			14400	2440	2440	5770				10650	1860	10650	12480	530	2820	3420	2.4	12.9	15.7	3.78
		3300	4000	4000			11300	2850	3460	3460				9770	1500	9770	11850	500	2680	3220	2.3	12.2	14.7	3.67
		3300	4000	6000			13300	2470	3000	4500				9970	1820	9970	12170	520	2720	3320	2.4	12.4	15.2	3.67
		3300	4000	7800			15100	2340	2840	5540				10720	1890	10720	12480	540	2830	3430	2.5	13.0	15.7	3.79
		3300	6000	6000			15300	2320	4210	4210				10740	1860	10740	12480	530	2820	3420	2.4	12.9	15.7	3.81
		3300	6000	7800			17100	2120	3860	5020				11000	2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75
		3300	7800	7800			18900	1920	4540	4540				11000	2280	11000	13110	570	2990	3630	2.6	13.7	16.6	3.68
		4000	4000	4000			12000	3280	3280	3280				9840	1680	9840	12170	510	2710	3310	2.3	12.4	15.1	3.63
		4000	4000	6000			14000	2870	2870	4300				10040	1820	10040	12320	520	2770	3370	2.4	12.7	15.4	3.62
		4000	4000	7800			15800	2730	2730	5330				10790	2160	10790	12600	540	2870	3510	2.5	13.1	16.1	3.76
4000		6000	6000			16000	2700	4050	4050				10800	2160	10800	12600	540	2870	3510	2.5	13.1	16.1	3.76	
4000		6000	7800			17800	2470	3710	4820				11000	2240	11000	12960	560	2930	3570	2.6	13.4	16.3	3.75	
4000		7800	7800			19600	2240	4380	4380				11000	2320	11000	13430	580	3040	3720	2.7	13.9	17.0	3.62	
6000		6000	6000			18000	3660	3670	3670				11000	2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75	
6000		6000	7800			19800	3330	3330	3340				11000	2280	11000	13430	570	3040	3710	2.6	13.9	17.0	3.62	



Capacity Combination



HEATING

Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A			
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AU100FC-JSEH	4 Unit	2200	2200	2200	2200		8800	2200	2200	2200	2200		8800	1400	8800	9800	520	2240	2700	2.4	10.3	12.4	3.93
		2200	2200	2200	3300		9900	2140	2140	2140	3210		9630	1560	9630	11380	520	2550	3120	2.4	11.7	14.3	3.78
		2200	2200	2200	4000		10600	2010	2010	2010	3660		9690	1590	9690	12170	530	2730	3330	2.4	12.5	15.2	3.55
		2200	2200	2200	6000		12600	1730	1730	1730	4710		9900	1780	9900	12170	540	2740	3350	2.5	12.5	15.3	3.61
		2200	2200	2200	7800		14400	1630	1630	1630	5770		10660	1960	10660	12320	560	2810	3410	2.6	12.9	15.6	3.79
		2200	2200	3300	3300		11000	1950	1950	2920	2920		9740	1560	9740	11530	520	2590	3160	2.4	11.9	14.5	3.76
		2200	2200	3300	4000		11700	1840	1840	2760	3350		9790	1590	9790	11850	530	2680	3250	2.4	12.3	14.9	3.65
		2200	2200	3300	6000		13700	1610	1610	2410	4380		10010	1890	10010	12170	540	2740	3350	2.5	12.5	15.3	3.65
		2200	2200	3300	7800		15500	1530	1530	2290	5410		10760	1960	10760	12480	560	2850	3450	2.6	13.0	15.8	3.78
		2200	2200	4000	4000		12400	1750	1750	3190	3190		9880	1750	9880	12170	530	2730	3340	2.4	12.5	15.3	3.62
		2200	2200	4000	6000		14400	1630	1630	2960	4440		10660	1930	10660	12320	550	2790	3390	2.5	12.8	15.5	3.82
		2200	2200	4000	7800		16200	1470	1470	2670	5210		10820	2280	10820	12800	570	2900	3540	2.6	13.3	16.2	3.73
		2200	2200	6000	6000		16400	1460	1460	3970	3970		10860	2240	10860	12800	560	2890	3530	2.6	13.2	16.2	3.76
		2200	2200	6000	7800		18200	1330	1330	3630	4710		11000	2320	11000	12960	580	2960	3600	2.7	13.5	16.5	3.72
		2200	3300	3300	3300		12100	1790	2690	2690	2690		9860	1720	9860	12170	520	2720	3330	2.4	12.4	15.2	3.63
		2200	3300	3300	4000		12800	1710	2560	2560	3100		9930	1750	9930	12320	530	2770	3370	2.4	12.7	15.4	3.58
		2200	3300	3300	6000		14800	1590	2380	2380	4330		10680	1890	10680	12480	540	2830	3430	2.5	13.0	15.7	3.77
		2200	3300	3300	7800		16600	1440	2160	2160	5100		10860	2240	10860	12960	560	2940	3580	2.6	13.5	16.4	3.69
		2200	3300	4000	4000		13500	1630	2440	2960	2960		9990	1860	9990	12170	530	2730	3340	2.4	12.5	15.3	3.66
		2200	3300	4000	6000		15500	1530	2290	2780	4170		10770	1930	10770	12480	550	2840	3440	2.5	13.0	15.7	3.79
		2200	3300	4000	7800		17300	1400	2100	2540	4960		11000	2280	11000	12960	570	2940	3580	2.6	13.5	16.4	3.74
		2200	3300	6000	6000		17500	1390	2070	3770	3770		11000	2240	11000	12960	560	2940	3580	2.6	13.5	16.4	3.74
		2200	3300	6000	7800		19300	1250	1880	3420	4450		11000	2320	11000	13110	580	3000	3640	2.7	13.7	16.7	3.67
		2200	4000	4000	4000		14200	1560	2830	2830	2830		10050	1890	10050	12320	540	2780	3380	2.5	12.7	15.5	3.62
		2200	4000	4000	6000		16200	1470	2670	2670	4010		10820	2200	10820	12800	550	2880	3520	2.5	13.2	16.1	3.76
		2200	4000	4000	7800		18000	1350	2440	2440	4770		11000	2280	11000	12960	570	2950	3590	2.6	13.5	16.4	3.73
		2200	4000	6000	6000		18200	1330	2410	3630	3630		11000	2280	11000	12960	570	2940	3580	2.6	13.5	16.4	3.74
		2200	4000	6000	7800		20000	1210	2200	3300	4290		11000	2360	11000	13430	590	3050	3730	2.7	14.0	17.1	3.61
		2200	6000	6000	6000		20200	1190	3270	3270	3270		11000	2320	11000	13430	580	3050	3720	2.7	14.0	17.0	3.61
		3300	3300	3300	3300		13200	2490	2490	2490	2490		9960	1820	9960	12480	520	2810	3410	2.4	12.9	15.6	3.54
		3300	3300	3300	4000		13900	2380	2380	2380	2880		10020	1860	10020	12320	530	2770	3370	2.4	12.7	15.4	3.62
		3300	3300	3300	6000		15900	2240	2240	2240	4080		10800	2160	10800	12800	540	2870	3510	2.5	13.1	16.1	3.76
		3300	3300	3300	7800		17700	2050	2050	2050	4850		11000	2240	11000	12960	560	2940	3580	2.6	13.5	16.4	3.74
		3300	3300	4000	4000		14600	2410	2410	2920	2920		10660	1860	10660	12480	530	2820	3420	2.4	12.9	15.7	3.78
		3300	3300	4000	6000		16600	2160	2160	2620	3930		10870	2200	10870	12960	550	2920	3560	2.5	13.4	16.3	3.72
		3300	3300	4000	7800		18400	1970	1970	2400	4660		11000	2280	11000	13110	570	2990	3620	2.6	13.7	16.6	3.68
		3300	3300	6000	6000		18600	1950	1950	3550	3550		11000	2240	11000	13110	560	2980	3620	2.6	13.6	16.6	3.69
		3300	3300	6000	7800		20400	1780	1780	3240	4200		11000	2320	11000	13590	580	3090	3780	2.7	14.1	17.2	3.56
		3300	4000	4000	4000		15300	2320	2810	2810	2810		10750	1890	10750	12480	540	2830	3430	2.5	13.0	15.7	3.80
		3300	4000	4000	6000		17300	2100	2540	2540	3820		11000	2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75
		3300	4000	4000	7800		19100	1910	2300	2300	4490		11000	2280	11000	13110	570	2990	3630	2.6	13.7	16.6	3.68
		3300	4000	6000	6000		19300	1880	2280	3420	3420		11000	2280	11000	13110	570	2990	3620	2.6	13.7	16.6	3.68
		4000	4000	4000	4000		16000	2700	2700	2700	2700		10800	2160	10800	12800	540	2870	3510	2.5	13.1	16.1	3.76
		4000	4000	4000	6000		18000	2440	2440	2440	3680		11000	2240	11000	12960	560	2930	3570	2.6	13.4	16.3	3.75
		4000	4000	4000	7800		19800	2220	2220	2220	4340		11000	2320	11000	13430	580	3040	3720	2.7	13.9	17.0	3.62
		4000	4000	6000	6000		20000	2200	2200	3300	3300		11000	2280	11000	13430	570	3040	3710	2.6	13.9	17.0	3.62

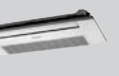
HEATING

Outdoor unit		Indoor unit combination					Cooling Capacity (W)						Capacity			Power Consumption			Current			EER	
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A			
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM		MAX
AJ100FC-J5EH	5 Unit	2200	2200	2200	2200	2200	11000	2200	2200	2200	2200	2200	11000	1650	11000	13110	550	2970	3610	2.5	13.6	16.5	3.70
		2200	2200	2200	2200	3300	12100	2080	2080	2080	2080	3120	11440	1820	11440	12960	550	2930	3570	2.5	13.4	16.3	3.90
		2200	2200	2200	2200	4000	12800	1990	1990	1990	1990	3620	11580	1850	11580	13110	560	2980	3610	2.6	13.6	16.5	3.89
		2200	2200	2200	2200	6000	14800	1710	1710	1710	1710	4660	11500	2000	11500	13430	570	3040	3710	2.6	13.9	17.0	3.78
		2200	2200	2200	2200	7800	16600	1580	1580	1580	1580	5610	11930	2360	11930	13750	590	3140	3810	2.7	14.4	17.4	3.80
		2200	2200	2200	3300	3300	13200	1950	1950	1950	2930	2930	11710	1930	11710	13430	550	3020	3690	2.5	13.8	16.9	3.88
		2200	2200	2200	3300	4000	13900	1880	1880	1880	2820	3420	11880	1960	11880	13110	560	2980	3610	2.6	13.6	16.5	3.99
		2200	2200	2200	3300	6000	15900	1630	1630	1630	2440	4450	11780	2280	11780	13590	570	3080	3750	2.6	14.1	17.2	3.82
		2200	2200	2200	3300	7800	17700	1490	1490	1490	2240	5290	12000	2360	12000	13900	590	3190	3860	2.7	14.6	17.7	3.76
		2200	2200	2200	4000	4000	14600	1730	1730	1730	3140	3140	11470	1960	11470	13430	560	3030	3700	2.6	13.9	16.9	3.79
		2200	2200	2200	4000	6000	16600	1580	1580	1580	2880	4320	11940	2320	11940	13750	580	3130	3800	2.7	14.3	17.4	3.81
		2200	2200	2200	4000	7800	18400	1430	1430	1430	2620	5090	12000	2400	12000	14000	600	3240	3940	2.7	14.8	18.0	3.70
		2200	2200	2200	6000	6000	18600	1420	1420	1420	3870	3870	12000	2360	12000	14000	590	3230	3940	2.7	14.8	18.0	3.72
		2200	2200	3300	3300	3300	14300	1840	1840	2760	2760	2760	11960	1930	11960	13430	550	3020	3690	2.5	13.8	16.9	3.96
		2200	2200	3300	3300	4000	15000	1690	1690	2540	2540	3080	11540	1960	11540	13590	560	3070	3740	2.6	14.1	17.1	3.76
		2200	2200	3300	3300	6000	17000	1550	1550	2330	2330	4240	12000	2280	12000	13900	570	3170	3840	2.6	14.5	17.6	3.79
		2200	2200	3300	3300	7800	18800	1400	1400	2110	2110	4980	12000	2360	12000	14000	590	3280	3940	2.7	15.0	18.0	3.66
		2200	2200	3300	4000	4000	15700	1640	1640	2470	2990	2990	11730	2240	11730	13590	580	3070	3740	2.6	14.1	17.1	3.82
		2200	2200	3300	4000	6000	17700	1490	1490	2240	2710	4070	12000	2320	12000	13900	580	3170	3840	2.7	14.5	17.6	3.79
		2200	2200	3300	4000	7800	19500	1350	1350	2040	2460	4800	12000	2400	12000	14000	600	3280	3940	2.7	15.0	18.0	3.66
		2200	2200	3300	6000	6000	19700	1340	1340	2020	3650	3650	12000	2360	12000	14000	590	3280	3940	2.7	15.0	18.0	3.66
		2200	2200	4000	4000	4000	16400	1600	1600	2900	2900	2900	11900	2280	11900	13750	570	3120	3790	2.6	14.3	17.3	3.81
		2200	2200	4000	4000	6000	18400	1430	1430	2610	2610	3920	12000	2320	12000	14000	580	3220	3930	2.7	14.7	18.0	3.73
		2200	3300	3300	3300	3300	15400	1670	2500	2500	2500	2500	11670	1930	11670	13590	550	3060	3730	2.5	14.0	17.1	3.81
		2200	3300	3300	3300	4000	16100	1620	2420	2420	2420	2940	11820	2240	11820	13750	560	3110	3780	2.6	14.2	17.3	3.80
		2200	3300	3300	3300	6000	18100	1460	2190	2190	2190	3970	12000	2280	12000	14000	570	3210	3920	2.6	14.7	17.9	3.74
		2200	3300	3300	3300	7800	19900	1330	1990	1990	1990	4700	12000	2360	12000	14000	590	3320	3940	2.7	15.2	18.0	3.61
		2200	3300	3300	4000	4000	16800	1570	2350	2360	2860	2860	12000	2240	12000	13900	580	3160	3830	2.6	14.5	17.5	3.80
		2200	3300	3300	4000	6000	18800	1400	2110	2110	2550	3830	12000	2320	12000	14000	580	3260	3920	2.7	14.9	17.9	3.68
		2200	3300	3300	4000	7800	20600	1290	1920	1920	2330	4540	12000	2400	12000	14000	600	3370	3940	2.7	15.4	18.0	3.56
		2200	3300	3300	6000	6000	20800	1280	1900	1900	3460	3460	12000	2360	12000	14000	590	3370	3940	2.7	15.4	18.0	3.56
		2200	3300	4000	4000	4000	17500	1520	2260	2740	2740	2740	12000	2280	12000	13900	570	3160	3830	2.6	14.5	17.5	3.80
2200	3300	4000	4000	6000	19500	1360	2030	2460	2460	3690	12000	2320	12000	14000	580	3270	3930	2.7	15.0	18.0	3.67		
2200	4000	4000	4000	4000	18200	1440	2640	2640	2640	2640	12000	2280	12000	14000	570	3210	3920	2.6	14.7	17.9	3.74		
3300	3300	3300	3300	3300	16500	2400	2400	2400	2400	2400	12000	3400	12000	14000	550	2930	3900	2.5	13.4	17.8	4.10		
3300	3300	3300	3300	4000	17200	2300	2300	2300	2800	2800	12000	2240	12000	13900	560	3110	3820	2.6	14.4	17.5	3.81		
3300	3300	3300	3300	6000	19200	2060	2060	2060	2060	3760	12000	2280	12000	14000	570	3260	3920	2.6	14.9	17.9	3.68		
3300	3300	3300	3300	7800	21000	1890	1890	1890	1890	4440	12000	2360	12000	14000	590	3370	3940	2.7	15.4	18.0	3.56		
3300	3300	3300	4000	4000	17900	2210	2210	2210	2680	2690	12000	2240	12000	14000	560	3200	3910	2.6	14.6	17.9	3.75		
3300	3300	3300	4000	6000	19900	1990	1990	1990	2410	3620	12000	2320	12000	14000	580	3310	3920	2.7	15.1	17.9	3.63		
3300	3300	4000	4000	4000	18600	2130	2130	2580	2580	2580	12000	2280	12000	14000	570	3250	3910	2.6	14.9	17.9	3.69		
3300	3300	4000	4000	6000	20600	1920	1920	2330	2330	3500	12000	3400	12000	14000	580	3360	3930	2.7	15.4	18.0	3.57		
3300	4000	4000	4000	4000	19300	2040	2490	2490	2490	2490	12000	2280	12000	14000	570	3260	3920	2.6	14.9	17.9	3.68		

TYPE \ CAPACITY		PHASE		2.6 kW	3.5 kW	5.2 kW	6.0 kW	7.1 kW	9.0 kW	10.0 kW	12.5 kW	14.0 kW
SMART INVERTER	PREMIUM	1PHASE										
		3PHASE										
	DELUXE	1PHASE										
		3PHASE										
R INVERTER	1PHASE											

TYPE \ CAPACITY		10.0 kW
FLAGSHIP (One Size)		

Cassette

MODEL						
		4Way Cassette S				
CAPACITY	2.6				●	●
	3.5				●	●
	5.2			●	●	
	6.0				●	
	7.1		●	●	●	
	9.0		●	●		
	10.0	●	●	●		
	12.5		●	●		
	14.0		●	●		
FEATURES	 Powerful Airflow	●	●	●	●	●
	 Ceiling Dust Prevention	●	●	●	●	●
	 Fresh Air Intake	●	●	●	●	
	 High Lift-up Drain Pump	●	●	●	●	●
	 Sub Duct	●	●	●	●	

Wall-mounted

MODEL		
CAPACITY	2.6	●
	3.5	●
	5.2	●
	7.1	●
FEATURES	 Full HD Filter	●
	 Smart Inverter	●
	 good sleep	●

Duct

MODEL			
		MSP	Slim
CAPACITY	2.6		
	3.5		●
	5.2	●	●
	6.0		
	7.1	●	●
	9.0	●	
	10.0	●	
	12.5	●	
	14.0	●	
FEATURES	 Pre Filter	●	●
	 Easy Filter Cleaning	●	●
	 High Lift-up Drain Pump	●	●
	 Smart Pressure Control	●	●

Console & Ceiling

MODEL			
		Console	Ceiling
CAPACITY	2.6	●	
	3.5	●	
	5.2	●	●
	7.1		●
FEATURES	 Virus Doctor	●	
	 Interior Design	●	●
	 Anti-virus Filter	●	●
	 Lightweight Unit	●	●
	 Flexible Pipe Installation	●	●



4Way Cassette S

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



Flagship

Premium

Model Name		Indoor Unit	AC100FB4FEH	AC100FCAFEH	AC071FB4PEH	AC071FCAPEH	AC090FB4PEH	AC090FCAPEH	AC100FB4PEH	AC100FCAPEH	AC100FCAPEH	AC100FCAPEH	NS1254PXE
Mode		Outdoor Unit	-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		-	kW	4.40/10.00/12.00	2.20/7.08/9.00	2.20/7.08/9.00	2.20/7.08/9.00	2.20/7.08/9.00	2.20/7.08/9.00	2.20/7.08/9.00	2.20/7.08/9.00	2.20/7.08/9.00
	Heating (Min. / Std. / Max.)		-	kW	3.50/11.20/15.50	1.90/8.00/9.00	1.90/8.00/9.00	1.90/8.00/9.00	1.90/8.00/9.00	1.90/8.00/9.00	1.90/8.00/9.00	1.90/8.00/9.00	1.90/8.00/9.00
Power	Power Input (Nominal)		-	kW	1.05/2.38/3.10	0.35/1.97/4.00	0.35/1.97/4.00	0.35/1.97/4.00	0.35/1.97/4.00	0.35/1.97/4.00	0.35/1.97/4.00	0.35/1.97/4.00	0.35/1.97/4.00
	Current Input (Nominal)		-	A	4.60/11.50/24.00	2.00/9.50/21.00	2.00/9.50/21.00	2.00/9.50/21.00	2.00/9.50/21.00	2.00/9.50/21.00	2.00/9.50/21.00	2.00/9.50/21.00	2.00/9.50/21.00
	MCA		-	A	25.00 (MCA)	20.30 (MCA)	20.30 (MCA)	20.30 (MCA)	20.30 (MCA)	20.30 (MCA)	20.30 (MCA)	20.30 (MCA)	20.30 (MCA)
	MFA		-	A	30.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
	EER (Nominal Cooling)		-	-	4.20	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
Energy Efficiency	COP (Nominal Heating)		-	-	4.55	3.81	3.80	3.80	3.80	3.80	3.80	3.80	3.80
	Energy Grade		-	-	Energy Grade (C) 6.7(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)
Piping Connections	Liquid Pipe		-	Φ, mm	9.52	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
	Gas Pipe		-	Φ, inch	3/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe		-	Φ, mm	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88
	Gas Pipe		-	Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
	Installation Limitation		-	m	75(75)	50(55)	50(55)	50(55)	50(55)	50(55)	50(55)	50(55)	50(55)
Field Wiring	Power Source Wire		-	m	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)
	Transmission Cable		-	-	4.0 ~ 6.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0
Refrigerant	Type		-	-	0.75 ~ 1.25	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0
	Control Method		-	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Factory Charging		-	kg	3.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
INDOOR UNIT													
Power Supply		Φ, #, V, Hz	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	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	1,2,220-240,50
Compressor	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor		-	W	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Number of Unit		-	CMM	32.00/28.00/22.00	21.00/19.00/17.00	27.00/24.00/20.00	30.00/24.00/18.90	30.00/24.00/18.90	30.00/24.00/18.90	30.00/24.00/18.90	30.00/24.00/18.90	30.00/24.00/18.90
	Air Flow Rate		-	l/s	533.33/466.67/366.67	350.00/316.67/283.33	450.00/400.00/333.33	500.00/400.00/315.00	500.00/400.00/315.00	500.00/400.00/315.00	500.00/400.00/315.00	500.00/400.00/315.00	500.00/400.00/315.00
	External Static Pressure		-	mmAq	-	-	-	-	-	-	-	-	-
External Dimension	Drain Pipe		-	Pa	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure		-	Φ, mm	45.00/38.5/32.0	37.00/33.0/28.0	42.00/37.0/32.0	44.00/39.0/34.0	44.00/39.0/34.0	44.00/39.0/34.0	44.00/39.0/34.0	44.00/39.0/34.0	44.00/39.0/34.0
	Net Weight		-	kg	20.00	17.00	18.00	21.00	21.00	21.00	21.00	21.00	21.00
	Shipping Weight		-	kg	25.00	22.00	23.00	26.00	26.00	26.00	26.00	26.00	26.00
	Net Dimensions (WxHxD)		-	mm	840 x 288 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Panel Size	Shipping Dimensions (WxHxD)		-	mm	898 x 357 x 898	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898
	Panel model		-	-	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
	Panel Net Weight		-	kg	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
	Shipping Weight		-	kg	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40
	Net Dimensions (WxHxD)		-	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
Additional Accessories	Shipping Dimensions (WxHxD)		-	mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
	Drain pump		-	-	-	-	-	-	-	-	-	-	-
Max. lifting Height / Displacement		-	mm / liter/h	-	-	-	-	-	-	-	-	-	-
Air Filter		-	-	-	-	-	-	-	-	-	-	-	-
OUTDOOR UNIT													
Power Supply		Φ, #, V, Hz	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	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	1,2,220-240,50
Compressor	Type		-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model		-	UG5T450FUAJXSG	UG4T200FUAJXSG	UG4T200FUAJXSG	UG5T450FUAJXSG	UG5T450FUAJXSG	UG5T450FUAJXSG	UG5T450FUAJXSG	UG5T450FUAJXSG	UG5T450FUAJXSG	UG5T450FUAJXSG
	Output		-	kW	4.01	1.79	2.82	4.12	4.12	4.12	4.12	4.12	4.12
	Oil		-	-	POE	POE	POE	POE	POE	POE	POE	POE	POE
	Initial Charge		-	cc	1700.00	650.00	1200.00	1700.00	1700.00	1700.00	1700.00	1700.00	1700.00
Fan	Air Flow Rate		-	CMM	112.00	50.00	63.50	91.00	91.00	91.00	91.00	91.00	91.00
	Sound Pressure		-	l/s	1,866.67	833.33	1,058.33	1,516.67	1,516.67	1,516.67	1,516.67	1,516.67	1,516.67
External Dimension	Cooling / Heating		-	dB(A)	49.0 / 51.0	49.0 / 51.0	52.0 / 53.0	50.0 / 52.0	50.0 / 52.0	50.0 / 52.0	50.0 / 52.0	50.0 / 52.0	50.0 / 52.0
	Net Weight		-	kg	98.00	55.00	72.00	91.00	91.00	91.00	91.00	91.00	91.00
	Shipping Weight		-	kg	108.00	59.00	77.00	98.00	98.00	98.00	98.00	98.00	98.00
	Net Dimensions (WxHxD)		-	mm	940 x 1420 x 330	880 x 798 x 310	940 x 998 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330
	Shipping Dimensions (WxHxD)		-	mm	1009 x 1578 x 419	1023 x 891 x 413	995 x 1096 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426
Operating Temp. Range	Cooling		-	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating		-	°C	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24

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

Optional Accessories





4Way Cassette S

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



			Premium			Deluxe		
Model Name	Indoor Unit		NS1254PXE	NS1404PXE	NS1404PXE	AC052FB4DEH	AC071FB4DEH	AC090FB4DEH
Mode	Outdoor Unit		RC125PHXE	RC140PHXE	RC140PHXGA	AC052FCADEH	AC071FCADEH	AC090FCADEH
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		3.50/12.50/14.00	4.40/14.00/15.50	4.40/14.00/15.50	1.00/5.10/6.00	2.20/7.10/8.00	3.00/9.00/10.00
	Heating (Min. / Std. / Max.)		11.900/42.700/47.800	15.000/47.800/52.900	15.000/47.800/52.900	3.400/17.400/20.500	7.500/24.200/27.300	10.200/30.700/34.100
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.80/3.47/4.80	1.05/4.00/5.40	1.05/4.00/5.40	0.33/1.54/2.10	0.35/2.21/4.00	0.60/2.99/3.70
	Heating (Min. / Std. / Max.)		0.70/3.59/4.50	0.87/4.10/6.50	0.87/4.10/6.50	0.25/1.46/1.90	0.35/2.22/4.00	0.46/2.93/5.20
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	3.70/15.50/24.00	4.60/17.80/24.00	4.60/17.80/24.00	1.50/7.20/9.20	2.00/10.00/21.00	3.00/12.70/18.70
	Heating (Min. / Std. / Max.)		3.50/16.00/24.00	4.00/18.70/28.00	4.00/18.70/28.00	1.50/7.00/8.60	2.00/10.00/21.00	2.50/12.50/22.70
	MCA		25.00 (MCA)	33.00 (MCA)	33.00 (MCA)	10.80 (MCA)	20.30 (MCA)	24.70 (MCA)
	MFA		30.00	40.00	40.00	13.13	25.00	30.00
Energy Efficiency	EER (Nominal Cooling)		3.60	3.50	3.50	3.31	3.21	3.01
	COP (Nominal Heating)		3.90	3.90	3.90	3.90	3.60	3.41
	Energy Grade		Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.0(A++)	Energy Grade (C) 5.6(A++)
			Energy Grade (H) A	Energy Grade (H) A	Energy Grade (H) A	Energy Grade (H) 4.0(A++)	Energy Grade (H) 3.9(A)	Energy Grade (H) 3.8(A)
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	6.35	6.35	9.52
		Φ, inch	3/8"	3/8"	3/8"	1/4"	1/4"	3/8"
	Gas Pipe	Φ, mm	15.88	15.88	15.88	12.70	15.88	15.88
		Φ, inch	5/8"	5/8"	5/8"	1/2"	5/8"	5/8"
	Installation Limitation	Max. Length (Outdoor to indoor)	75(75)	75(75)	75(75)	30(35)	50(55)	50(55)
		Max. Height (Between ID/OD)	30(30)	30(30)	30(30)	20(20)	30(30)	30(30)
Field Wiring	Power Source Wire		2.5 ~ 4.0	4.0 ~ 6.0	4.0 ~ 6.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0
	Transmission Cable		0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.25
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	-	-	-	-	-
	Factory Charging	kg	3.40	3.80	3.80	1.40	1.80	3.00
INDOOR UNIT								
Power Supply	Φ, #, V, Hz		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	1,2,220-240,50
	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor		-	-	-	-	-	-
	Number of Unit		1.00	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate	High / Mid / Low	32.00/28.00/22.00	32.00/28.00/22.00	32.00/28.00/22.00	17.00/15.50/13.00	19.50/16.50/14.50	24.50/21.00/17.50
			533.33/466.67/366.67	533.33/466.67/366.67	533.33/466.67/366.67	283.33/258.33/216.67	325.00/275.00/241.67	408.33/350.00/291.67
	External Static Pressure	Min / Std / Max	-	-	-	-	-	-
			-	-	-	-	-	-
Drain	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Sound	Sound Pressure	High / Mid / Low	44.00/40.0/36.0	45.00/41.5/38.0	45.00/41.5/38.0	35.00/32.0/29.0	37.00/35.0/30.0	40.00/36.0/32.0
	Net Weight		20.00	20.00	21.00	15.50	15.00	16.00
	Shipping Weight		26.00	26.00	26.00	19.50	20.00	20.50
External Dimension	Net Dimensions (WxHxD)		840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840
	Shipping Dimensions (WxHxD)		898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 274 x 898	898 x 274 x 898	898 x 316 x 898
	Panel model		PC4NUSKE	PC4NUSKE	PC4NUSKE	-	PC4NUSKE	PC4NUSKE
	Panel Net Weight		5.90	5.90	5.90	-	5.90	5.90
	Shipping Weight		8.40	8.40	8.40	-	8.40	8.40
	Net Dimensions (WxHxD)		950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	-	950 x 45 x 950	950 x 45 x 950
	Shipping Dimensions (WxHxD)		1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	-	1005 x 100 x 1005	1005 x 100 x 1005
Additional Accessories	Drain pump		-	-	-	-	-	-
	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-
OUTDOOR UNIT								
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model		UG5T450FUEJXSG	UG5T450FUEJXSG	UG5T450FUEJXSG	UG4T150FUDJQ	UG8T300FUEJUSG	UG8T300FUEJUSG
Compressor	Output		4.12	4.01	4.01	1.37	1.79	2.82
	Type		POE	POE	POE	POE	POE	POE
	Initial Charge	cc	1700.00	1700.00	1700.00	650.00	650.00	1200.00
Fan	Air Flow Rate	Cooling	90.50	101.00	101.00	-	50.00	63.50
			1,508.33	1,683.33	1,683.33	-	833.33	1,058.33
Sound	Sound Pressure	Cooling / Heating	51.0 / 52.0	51.0 / 53.0	51.0 / 53.0	48.0 / 49.0	49.0 / 51.0	51.0 / 52.0
	Net Weight		88.00	98.00	101.00	38.50	55.00	72.00
	Shipping Weight		98.00	108.00	111.00	42.50	59.00	77.00
External Dimension	Net Dimensions (WxHxD)		940 x 1210 x 330	940 x 1420 x 330	940 x 1420 x 330	790 x 548 x 285	880 x 798 x 310	940 x 998 x 330
	Shipping Dimensions (WxHxD)		995 x 1338 x 426	1009 x 1548 x 419	1009 x 1548 x 419	926 x 655 x 382	1023 x 891 x 413	995 x 1096 x 426
Operating Temp. Range	Cooling		-15~50	-15~50	-15~50	-15~46	-15~50	-15~50
	Heating		-20~24	-20~24	-20~24	-15~24	-20~24	-20~24

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

Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH0*



MWR-SH00



MR-DH00

Panel



PC4NUSKA



PC4NBSKA



PC4NUSKE



Specification - Indoor Units



4Way Cassette S

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



Deluxe

Model Name		Indoor Unit	AC100FB4DEH	AC100FB4DEH	NS1254DXEA	NS1254DXEA	NS1404DXEA	NS1404DXEA
Outdoor Unit		AC100FCADGH	AC100FCADGH	RC125DHXEB	RC125DHXGA	RC140DHXEB	RC140DHXGA	RC140DHXGA
Mode		-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	4.00/10.00/12.00	3.20/10.00/12.00	3.50/12.50/14.00	3.50/12.50/14.00	3.50/14.00/15.50	3.50/14.00/15.50
	Heating (Min. / Std. / Max.)	kW	13.600/34.100/40.900	10.900/34.100/40.900	11.900/42.700/47.800	11.900/42.700/47.800	11.900/47.800/52.900	11.900/47.800/52.900
Power	Cooling (Min. / Std. / Max.)	Btu/h	13,600/34,100/40,900	10,900/34,100/40,900	11,900/42,700/47,800	11,900/42,700/47,800	11,900/47,800/52,900	11,900/47,800/52,900
	Heating (Min. / Std. / Max.)	Btu/h	3,500/11,200/15,500	2,200/11,200/15,500	3,000/14,000/18,200	3,000/14,000/18,200	3,500/16,000/18,000	3,500/16,000/18,000
Energy Efficiency	Power Input (Nominal)	kW	0.90/3.32/4.70	0.60/3.32/4.70	0.80/3.89/4.50	0.80/3.89/4.50	0.80/4.36/5.40	0.80/4.36/5.40
	Heating (Min. / Std. / Max.)	kW	0.70/3.28/5.50	0.50/3.32/5.20	0.81/3.88/4.88	0.81/3.88/4.88	0.70/4.43/6.16	0.70/4.43/6.16
Energy Efficiency	Current Input (Nominal)	A	1.60/5.10/7.80	3.00/15.10/20.50	4.00/18.00/20.00	4.00/18.00/20.00	3.70/20.00/24.00	3.70/20.00/24.00
	Heating (Min. / Std. / Max.)	A	1.30/5.10/16.10	2.60/14.60/24.00	3.50/18.00/24.00	3.50/18.00/24.00	2.10/6.10/16.10	2.10/6.10/16.10
Energy Efficiency	MCA	A	12.70 (MCA)	24.70 (MCA)	25.00 (MCA)	25.00 (MCA)	25.00 (MCA)	25.00 (MCA)
	MFA	A	15.00	30.00	30.00	30.00	30.00	30.00
Energy Efficiency	EER (Nominal Cooling)	-	3.01	3.01	3.21	3.21	3.21	3.21
	COP (Nominal Heating)	-	3.41	3.37	3.61	3.61	3.61	3.61
Energy Efficiency	Energy Grade	-	Energy Grade (C) 5.6(A+)	Energy Grade (C) 5.6(A+)	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) A
	Energy Grade	-	Energy Grade (H) 3.8(A)	Energy Grade (H) 3.8(A)	Energy Grade (H) A	Energy Grade (H) A	Energy Grade (H) A	Energy Grade (H) A
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	9.52	9.52
	Gas Pipe	Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Piping Connections	Gas Pipe	Φ, mm	15.88	15.88	15.88	15.88	15.88	15.88
	Gas Pipe	Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Field Wiring	Installation Limitation	m	50(55)	50(55)	75(75)	75(75)	75(75)	75(75)
	Max. Height (Between ID/OD)	m	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)
Refrigerant	Power Source Wire	-	1.5 ~ 2.5	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0
	Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method	-	-	-	-	-	-	-
Refrigerant	Factory Charging	kg	3.10	3.00	2.90	2.90	3.40	3.40
INDOOR UNIT								
Power Supply	Φ, #, V, Hz		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	1,2,220-240,50
	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Power Supply	Motor	W	-	-	-	-	-	-
	Number of Unit	EA	1.00	1.00	1.00	1.00	1.00	1.00
Power Supply	Air Flow Rate	CMM	28.00/25.50/22.00	28.00/25.50/22.00	30.00/24.00/19.00	30.00/24.00/19.00	32.00/28.00/22.00	32.00/28.00/22.00
	High / Mid / Low	l/s	466.67/425.00/366.67	466.67/425.00/366.67	500.00/400.00/316.67	500.00/400.00/316.67	533.33/466.67/366.67	533.33/466.67/366.67
Power Supply	External Static Pressure	mmAq	-	-	-	-	-	-
	Min / Std / Max	Pa	-	-	-	-	-	-
Sound	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure	dB(A)	44.00/39.0/34.0	44.00/39.0/34.0	44.00/40.0/36.0	44.00/40.0/36.0	45.00/41.5/38.0	45.00/41.5/38.0
External Dimension	Net Weight	kg	16.00	16.00	18.00	18.00	20.00	20.00
	Shipping Weight	kg	20.50	20.50	24.00	24.00	26.00	26.00
External Dimension	Net Dimensions (WxHxD)	mm	840 x 246 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping Dimensions (WxHxD)	mm	898 x 316 x 898	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898
Panel Size	Panel model	-	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
	Panel Net Weight	kg	5.90	5.90	5.90	5.90	5.90	5.90
Panel Size	Shipping Weight	kg	8.40	8.40	8.40	8.40	8.40	8.40
	Net Dimensions (WxHxD)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
Additional Accessories	Shipping Dimensions (WxHxD)	mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
	Drain pump	-	-	-	-	-	-	-
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
	Air Filter	-	-	-	-	-	-	-
OUTDOOR UNIT								
Power Supply	Φ, #, V, Hz		3,4,380-415,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50	3,4,380-415,50
	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Compressor	Model	-	UG5T450FUFJXSG	UG5T450FUFJXSG	UG5T450FUFJXSG	UG5T450FUFJXSG	UG5T450FUFJXSG	UG5T450FUFJXSG
	Output	kW	4.12	2.82	4.12	4.12	4.12	4.12
Compressor	Type	-	POE	POE	POE	POE	POE	POE
	Initial Charge	cc	1700.00	1200.00	1700.00	1700.00	1700.00	1700.00
Fan	Air Flow Rate	CMM	68.00	68.00	90.50	90.50	90.50	90.50
	Cooling / Heating	l/s	1,133.33	1,133.33	1,508.33	1,508.33	1,508.33	1,508.33
Sound	Sound Pressure	dB(A)	52.0 / 54.0	52.0 / 54.0	51.0 / 52.0	51.0 / 52.0	52.0 / 54.0	52.0 / 54.0
	Net Weight	kg	81.00	72.00	88.00	91.00	88.00	91.00
External Dimension	Shipping Weight	kg	86.00	77.00	98.00	101.00	98.00	101.00
	Net Dimensions (WxHxD)	mm	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330
Operating Temp. Range	Shipping Dimensions (WxHxD)	mm	995 x 1096 x 426	995 x 1096 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426
	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24

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

Optional Accessories

Individual Controllers



MWR-WE10MWR-WH01MWR-SH00MR-DH00

Panel



PC4NUSKAPC4NBSKAPC4NUSKE



Mini 4Way Cassette S

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



Model Name			AC026FBNDEH	AC035FBNDEH	AC052FBNDEH	AC060FBNDEH	AC071FBNDEH
Indoor Unit			AC026FCADEH	AC035FCADEH	AC052FCADEH	AC060FCADEH	AC071FCADEH
Mode			-	-	-	-	-
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.99/2.60/3.50	0.99/3.04/4.20	1.30/5.00/5.90	1.80/5.80/6.50	2.00/6.80/7.50
	Heating (Min. / Std. / Max.)	kW	3.400/8.900/11.900	3.400/11.900/14.300	4.400/17.100/20.100	6.100/19.800/22.200	6.800/23.200/25.600
Power	Cooling (Min. / Std. / Max.)	Btu/h	0.98/3.30/4.60	0.98/4.00/5.00	1.30/5.50/7.50	1.60/7.00/9.00	1.60/7.50/10.00
	Heating (Min. / Std. / Max.)	Btu/h	3.300/11.300/15.700	3.300/13.600/17.100	4.400/18.800/25.600	5.500/23.900/30.700	5.500/25.600/34.100
Energy Efficiency	Power Input (Nominal)	kW	0.23/0.73/1.13	0.24/1.09/1.45	0.31/1.66/2.10	0.38/1.81/2.60	0.39/2.26/2.60
	Heating (Min. / Std. / Max.)	kW	0.18/0.90/1.40	0.18/1.11/1.40	0.35/1.61/2.40	0.35/2.18/3.60	0.35/2.41/3.80
	Current Input (Nominal)	A	1.60/3.70/5.50	1.60/5.60/6.80	2.60/7.50/9.50	1.90/8.30/11.50	1.90/10.20/11.50
	Heating (Min. / Std. / Max.)	A	1.20/4.60/6.60	1.20/5.70/6.70	2.90/7.50/11.00	1.70/10.00/17.30	1.70/10.70/17.60
Piping Connections	MCA	A	10.30 (MCA)	10.30 (MCA)	10.80 (MCA)	20.30 (MCA)	20.30 (MCA)
	MFA	A	12.50	12.50	13.13	25.00	25.00
	EER (Nominal Cooling)	-	3.56	3.21	3.01	3.20	3.01
	COP (Nominal Heating)	-	3.67	3.60	3.42	3.21	3.11
Field Wiring	Energy Grade	-	Energy Grade (C) 6.70 (A++)	Energy Grade (C) 6.50 (A++)	Energy Grade (C) 6.30 (A++)	Energy Grade (C) 6.20 (A++)	Energy Grade (C) 6.10 (A++)
	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35
	Gas Pipe	Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"
	Installation Limitation	Max. Length (Outdoor to indoor)	20(25)	20(25)	30(35)	50(55)	50(55)
Refrigerant	Max. Height (Between ID/OD)	m	15(15)	15(15)	20(20)	30(30)	30(30)
	Power Source Wire	-	2.5	2.5	2.5	2.5	2.5
	Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
	Type	-	R410A	R410A	R410A	R410A	R410A
INDOOR UNIT	Control Method	-	-	-	-	-	-
	Factory Charging	kg	0.95	0.95	1.40	1.80	1.80
	Power Supply	Φ, #, V, Hz	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
	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Drain	Motor	W	65.00	65.00	65.00	65.00	65.00
	Number of Unit	EA	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate	CMM	8.50/7.50/6.50	9.50/8.00/6.50	12.00/10.50/9.00	11.00/10.00/9.00	11.50/10.50/9.50
	External Static Pressure	mmAq	141.67/125.00/108.33	158.33/133.33/108.33	200.00/175.00/150.00	183.33/166.67/150.00	191.67/175.00/158.33
Sound	Sound Pressure	Pa	-	-	-	-	-
	Sound Pressure	dB(A)	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)
	Net Weight	kg	33.00/31.0/27.0	35.00/33.0/29.0	39.00/37.0/34.0	41.00/38.0/35.0	42.00/40.0/36.0
	Shipping Weight	kg	11.00	11.00	11.70	12.00	12.00
External Dimension	Net Dimensions (WxHxD)	mm	13.00	13.00	13.70	14.00	14.00
	Shipping Dimensions (WxHxD)	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Panel model	-	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
	Shipping Dimensions (WxHxD)	mm	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB
Panel Size	Panel Net Weight	kg	2.70	2.70	2.70	2.70	2.70
	Shipping Weight	kg	4.20	4.20	4.20	4.20	4.20
	Net Dimensions (WxHxD)	mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
	Shipping Dimensions (WxHxD)	mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
Additional Accessories	Drain pump	-	-	-	-	-	-
	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter	-	-	-	-	-	-
	Outdoor Unit	-	-	-	-	-	-
OUTDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Compressor	Type	-	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	-	UG4C090LUDJR	UG4C090LUDJR	UG4T150FUDJQ	UG4T200FUA4SG	UG4T200FUA4SG
	Output	kW	0.86	0.86	1.37	1.79	1.79
	Oil	-	POE	POE	POE	POE	POE
Fan	Initial Charge	cc	320.00	320.00	650.00	650.00	650.00
	Air Flow Rate	CMM	29.00	30.00	33.00	50.00	52.00
	Sound Pressure	dB(A)	483.33	500.00	550.00	833.33	866.67
	Sound Pressure	dB(A)	46.0 / 47.0	47.0 / 48.0	48.0 / 49.0	49.0 / 50.0	49.0 / 51.0
External Dimension	Net Weight	kg	33.00	33.00	38.50	55.00	55.00
	Shipping Weight	kg	37.00	37.00	42.50	59.00	59.00
	Net Dimensions (WxHxD)	mm	790 x 548 x 285	790 x 548 x 285	790 x 548 x 285	880 x 798 x 310	880 x 798 x 310
	Shipping Dimensions (WxHxD)	mm	926 x 655 x 382	926 x 655 x 382	926 x 655 x 382	1023 x 891 x 413	1023 x 891 x 413
Operating Temp. Range	Cooling	°C	-10~46	-10~46	-15~46	-15~46	-15~50
	Heating	°C	-15~24	-15~24	-15~24	-20~24	-20~24

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

Optional Accessories

Individual Controllers



MWR-WE10MWR-WH0*MWR-SH00MR-DH00

Panel



PC4SUSMBPC4SUSMF

Slim 1Way Cassette



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



Indoor Unit				AC026FB1DEH		AC035FB1DEH	
Outdoor Unit				AC026FCADDEH		AC035FCADDEH	
Model Name				HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)			0.98/2.60/3.50		0.98/3.50/4.10	
	Heating (Min. / Std. / Max.)			0.95/3.30/4.60		0.95/4.00/4.75	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.25/0.74/1.12		0.25/1.16/1.42	
	Current Input (Nominal)	Heating (Min. / Std. / Max.)	A	0.21/0.91/1.30		0.21/1.16/1.39	
	MCA		A	1.60/3.40/5.20		1.60/5.40/6.60	
	MFA		A	1.40/4.30/6.40		1.40/5.50/6.80	
	EER (Nominal Cooling)		-	10.30 (MCA)		10.30 (MCA)	
	COP (Nominal Heating)		-	12.50		12.50	
Energy Efficiency	Energy Grade			3.51		3.02	
				3.63		3.45	
				Energy Grade (C) 5.60 (A+)		Energy Grade (C) 5.40 (A)	
Piping Connections	Liquid Pipe		Φ, mm	6.35		6.35	
			Φ, inch	1/4"		1/4"	
	Gas Pipe		Φ, mm	9.52		9.52	
			Φ, inch	3/8"		3/8"	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	20(25)		20(25)	
		Max. Height (Between ID/OD)	m	15(15)		15(15)	
Field Wiring	Power Source Wire		-	1.5 ~ 1.5		1.5 ~ 1.5	
	Transmission Cable		-	0.75 ~ 1.25		0.75 ~ 1.25	
Refrigerant	Type		-	R410A		R410A	
	Control Method		-	-		-	
Factory Charging				kg		0.95	
INDOOR UNIT							
Power Supply	Φ, #, V, Hz			1,2,220-240,50		1,2,220-240,50	
	Type		-	Crossflow Fan		Crossflow Fan	
	Motor	Output	W	20.00		20.00	
	Number of Unit		EA	1.00		1.00	
	Air Flow Rate	High / Mid / Low	CMM	8.00/7.00/6.00		9.50/8.00/6.50	
			l/s	133.33/116.67/100.00		158.33/133.33/108.33	
Drain	External Static Pressure	Min / Std / Max	mmAq	-		-	
			Pa	-		-	
External Dimension	Drain Pipe		Φ,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)	
	Sound Pressure	High / Mid / Low	dB(A)	30.00/27.5/25.0		33.00/30.0/27.0	
	Net Weight		kg	9.90		9.90	
	Shipping Weight		kg	12.50		12.50	
	Net Dimensions (WxHxD)		mm	970 x 135 x 410		970 x 135 x 410	
	Shipping Dimensions (WxHxD)		mm	1173 x 231 x 487		1173 x 231 x 487	
Panel Size	Panel model		-	PSSMA		PSSMA	
	Panel Net Weight		kg	3.10		3.10	
	Shipping Weight		kg	4.50		4.50	
	Net Dimensions (WxHxD)		mm	1180 x 25 x 460		1180 x 25 x 460	
	Shipping Dimensions (WxHxD)		mm	1259 x 144 x 539		1259 x 144 x 539	
	Additional Accessories	Drain pump		-	-		-
	Max. lifting Height / Displacement	mm / liter/h	-		-		
	Air Filter		-	-		-	
OUTDOOR UNIT							
Power Supply	Φ, #, V, Hz			1,2,220-240,50		1,2,220-240,50	
	Type		-	Single BLDC Rotary		Single BLDC Rotary	
	Model		-	UG4C090LUDJR		UG4C090LUDJR	
	Compressor	Output	kW	0.86		0.86	
		Type	-	POE		POE	
		Initial Charge	cc	320.00		320.00	
Fan	Air Flow Rate	Cooling	CMM	29.00		30.00	
			l/s	483.33		500.00	
Sound	Sound Pressure	Cooling / Heating	dB(A)	47.0 / 47.0		47.0 / 47.0	
	Net Weight		kg	33.00		33.00	
External Dimension	Shipping Weight		kg	37.00		37.00	
	Net Dimensions (WxHxD)		mm	790 x 548 x 285		790 x 548 x 285	
	Shipping Dimensions (WxHxD)		mm	926 x 655 x 382		926 x 655 x 382	
	Operating Temp. Range	Cooling	°C	-10~46		-10~46	
	Heating	°C	-15~24		-15~24		

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

Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH0*



MWR-SH00



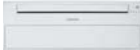
MR-DH00

Standard Accessories

Panel



PSSMA



PC1NUPMA

MSP Duct



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



Pre Filter



Easy Filter



High Lift-UP



Smart Control



Wired RC

			Smart Inverter				
Model Name	Indoor Unit	Outdoor Unit	AC052FBMDEH AC052FCADDEH	AC071FBMDEH AC071FCADDEH	AC090FBMDEH AC090FCADDEH	AC100FBMDEH AC100FCADDEH	AC100FBMDEH AC100FCADGH
Mode		-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.00/5.00/6.00	2.20/7.10/8.00	2.80/9.00/11.50	3.20/10.00/12.00	3.20/10.00/12.00
	Heating (Min. / Std. / Max.)	kW	3.400/17.100/20.500	7.500/24.200/27.300	9.600/30.700/39.200	10.900/34.100/40.900	10.900/34.100/40.900
Power		Btu/h	0.75/6.00/7.20	1.90/8.00/9.00	3.00/10.00/15.50	3.00/11.20/15.50	3.00/11.20/15.50
		Btu/h	2.600/20.500/24.600	6.500/27.300/30.700	10.200/34.100/52.900	10.200/38.200/52.900	10.200/38.200/52.900
	Power Input (Nominal)	kW	0.43/1.56/2.20	0.35/2.21/4.00	0.82/2.80/3.80	0.88/3.22/5.00	0.88/3.22/5.00
	Heating (Min. / Std. / Max.)	kW	0.33/1.66/2.30	0.35/2.22/4.00	0.80/2.77/5.20	0.71/3.10/5.50	0.71/3.10/5.50
	Current Input (Nominal)	A	2.20/7.50/10.00	2.00/10.50/21.00	4.00/13.00/16.50	4.00/15.20/21.00	2.20/5.40/7.30
	Heating (Min. / Std. / Max.)	A	1.90/7.80/10.00	2.00/10.50/21.00	3.30/12.50/24.00	3.30/13.50/24.00	1.70/5.00/9.00
Energy Efficiency	MCA	A	10.80 (MCA)	20.30 (MCA)	24.70 (MCA)	24.70 (MCA)	12.70 (MCA)
	MFA	A	13.13	25.00	30.00	30.00	15.00
	EER (Nominal Cooling)	-	3.21	3.21	3.21	3.11	3.11
	COP (Nominal Heating)	-	3.61	3.60	3.61	3.61	3.61
Piping Connections		-	Energy Grade (C) 5.6(A+) Energy Grade (H) 3.6(A)	Energy Grade (C) 5.7(A+) Energy Grade (H) 3.8(A)	Energy Grade (C) 5.4(A) Energy Grade (H) 3.7(A)	Energy Grade (C) 5.2(A) Energy Grade (H) 3.5(A)	Energy Grade (C) 5.1(A) Energy Grade (H) 3.5(A)
	Liquid Pipe	Φ, mm	6.35	6.35	9.52	9.52	9.52
		Φ, inch	1/4"	1/4"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	12.70	15.88	15.88	15.88	15.88
		Φ, inch	1/2"	5/8"	5/8"	5/8"	5/8"
	Installation Limitation	m	30(35)	50(55)	50(55)	50(55)	50(55)
Field Wiring	Max. Height (Between ID/OD)	m	20(20)	30(30)	30(30)	30(30)	30(30)
	Power Source Wire	-	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	1.5 ~ 2.5
Refrigerant	Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.0	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
	Type	-	R410A	R410A	R410A	R410A	R410A
Refrigerant	Control Method	-	-	-	-	-	-
	Factory Charging	kg	1.40	1.80	3.00	3.00	3.10
INDOOR UNIT							
Power Supply		Φ, #, V, Hz	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
	Type	-	Sirocco Fan	Turbo Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC
	Motor	W	-	-	-	-	-
	Number of Unit	EA	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate	CMM	20.00/18.00/15.50	22.00/20.00/17.50	33.00/31.00/28.00	33.00/31.00/28.00	33.00/31.00/28.00
	High / Mid / Low	l/s	333.33/300.00/258.33	366.67/333.33/291.67	550.00/516.67/466.67	550.00/516.67/466.67	550.00/516.67/466.67
External Static Pressure		mmAq	0.00/2.50/8.00	0.00/4.00/10.00	0.00/4.00/10.00	0.00/4.00/10.00	0.00/4.00/10.00
	Min / Std / Max	Pa	0.00/24.52/78.45	0.00/39.23/98.07	0.00/39.23/98.07	0.00/39.23/98.07	0.00/39.23/98.07
Drain	VP25 (OD 32, ID 25)	Φ, mm	37.00/35.5/33.0	39.00/37.0/35.0	39.00/37.0/35.0	39.00/37.0/35.0	39.00/37.0/35.0
	Sound Pressure	High / Mid / Low	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)
External Dimension	Net Weight	kg	29.50	33.00	37.00	37.00	37.00
	Shipping Weight	kg	34.50	40.00	43.00	43.00	43.00
	Net Dimensions (WxHxD)	mm	900 x 260 x 480	1150 x 320 x 480	1150 x 320 x 480	1150 x 320 x 480	1150 x 320 x 480
	Shipping Dimensions (WxHxD)	mm	1170 x 340 x 595	1420 x 340 x 595	1420 x 340 x 595	1420 x 340 x 595	1420 x 340 x 595
Panel Size	Panel model	-	-	-	-	-	-
	Panel Net Weight	kg	-	-	-	-	-
	Shipping Weight	kg	-	-	-	-	-
	Net Dimensions (WxHxD)	mm	-	-	-	-	-
Additional Accessories	Shipping Dimensions (WxHxD)	mm	-	-	-	-	-
	Drain pump	-	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1
Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	-	-	-	-	-	-	-
OUTDOOR UNIT							
Power Supply		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50
	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	-	UG4T150FUDJQ	UG4T200FUA4SG	UG8T300FUBJUSG	UG8T300FUBJUSG	UG5T450FUFJXSG
	Output	kW	1.37	1.79	2.82	2.82	4.12
	Oil	-	POE	POE	POE	POE	POE
	Initial Charge	cc	650.00	650.00	1200.00	1200.00	1700.00
Fan	Air Flow Rate	CMM	33.00	52.00	63.50	63.50	63.50
	Cooling	l/s	550.00	866.67	1,058.33	1,058.33	1,058.33
Sound	Sound Pressure	Cooling / Heating	49.0 / 49.0	49.0 / 51.0	51.0 / 52.0	52.0 / 53.0	52.0 / 53.0
	Net Weight	kg	38.50	55.00	72.00	72.00	81.00
External Dimension	Shipping Weight	kg	42.50	59.00	77.00	77.00	86.00
	Net Dimensions (WxHxD)	mm	790 x 548 x 285	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330
	Shipping Dimensions (WxHxD)	mm	926 x 655 x 382	1023 x 891 x 413	995 x 1096 x 426	995 x 1096 x 426	995 x 1096 x 426
	Operating Temp. Range	°C	-15~46	-15~50	-15~50	-15~50	-15~50
Heating		°C	-15~24	-20~24	-20~24	-20~24	-20~24

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

Optional Accessories



Standard Accessories





Specification - Indoor Units

MSP Duct



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



				Smart Inverter	
Model Name	Indoor Unit	Outdoor Unit		NS125SDXEA	NS140SDXEA
Mode	-	-		RC125DHXEB	RC140DHXGA
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW		HEAT PUMP	HEAT PUMP
	Heating (Min. / Std. / Max.)	kW		HEAT PUMP	HEAT PUMP
Power	Power Input (Nominal)	kW		11,800/42,700/47,800	11,800/42,700/47,800
	Current Input (Nominal)	A		4.10/14.00/18.00	4.10/14.00/18.00
Energy Efficiency	EER (Nominal Cooling)	-		14,000/47,800/61,400	14,000/47,800/61,400
	COP (Nominal Heating)	-		1.25/3.89/5.30	1.25/3.89/5.30
Piping Connections	Liquid Pipe	Φ, mm		0.98/3.88/5.60	0.98/3.88/5.60
	Gas Pipe	Φ, mm		5.70/18.00/24.30	5.70/18.00/24.30
Field Wiring	Power Source Wire	-		4.50/18.00/25.60	4.50/18.00/25.60
	Transmission Cable	-		26.00 (MCA)	26.00 (MCA)
Refrigerant	Type	-		30.00	30.00
	Control Method	-		3.21	3.21
INDOOR UNIT	Factory Charging	kg		3.61	3.61
	Energy Grade	-		Energy Grade (C) A	Energy Grade (C) A
Power Supply	Φ, #, V, Hz			Energy Grade (H) A	Energy Grade (H) A
	Type	-		9.52	9.52
Compressor	Model	-		3/8"	3/8"
	Output	W		15.88	15.88
Fan	Air Flow Rate	CMM		5/8"	5/8"
	Sound Pressure	dB(A)		75(75)	75(75)
Sound	Net Weight	kg		30(30)	30(30)
	Shipping Weight	kg		2.5 ~ 4.0	2.5 ~ 4.0
External Dimension	Net Dimensions (WxHxD)	mm		0.75 ~ 1.25	0.75 ~ 1.25
	Shipping Dimensions (WxHxD)	mm		R410A	R410A
Panel Size	Panel model	-		-	-
	Panel Net Weight	kg		-	-
Additional Accessories	Drain pump	-		-	-
	Max. lifting Height / Displacement	mm / liter/h		-	-
OUTDOOR UNIT	Air Filter	-		-	-
	Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Compressor	Type	-		Turbo Fan/BLDC	Turbo Fan/BLDC
	Model	-		-	-
Fan	Output	kW		1.00	1.00
	Oil	cc		42.00/38.50/35.00	42.00/38.50/35.00
Sound	Net Weight	kg		700.00/641.67/583.33	700.00/641.67/583.33
	Shipping Weight	kg		0.00/6.00/14.00	0.00/6.00/14.00
External Dimension	Net Dimensions (WxHxD)	mm		0.00/58.84/137.29	0.00/58.84/137.29
	Shipping Dimensions (WxHxD)	mm		43.00/40.5/38.0	43.00/40.5/38.0
Operating Temp. Range	Cooling	°C		VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Heating	°C		43.00/40.5/38.0	43.00/40.5/38.0

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

Optional Accessories

Individual Controllers

MWR-WE10MWR-WH0*MWR-SH00MR-DH00MRK-A00MRW-10A

Drain Pump

MDP-M07SSGU1MDP-M07SSGU2MDP-M07SSGU3

Standard Accessories

Individual Controllers

Individual Controllers

MSP Duct



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



				R - Inverter			
Model Name		Indoor Unit		AC071FBMSEH		AC090FBMSEH	
		Outdoor Unit		AC071FCASEH		AC090FCASEH	
Mode				HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW		1.60/7.00/8.00		2.80/9.00/10.00	
	Heating (Min. / Std. / Max.)	Btu/h		5,500/23,900/27,300		9,600/30,700/34,100	
		kW		1.40/7.70/8.20		3.00/9.50/13.00	
		Btu/h		4,800/26,300/28,000		10,200/32,400/44,400	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.55/2.79/2.92		0.82/3.20/4.50	0.82/3.99/4.50
		Heating (Min. / Std. / Max.)		0.50/2.40/2.85		0.80/2.87/5.00	0.80/3.72/5.50
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	2.70/14.50/14.80		3.80/14.00/19.50	3.80/16.00/19.50
		Heating (Min. / Std. / Max.)		2.50/13.50/13.80		2.80/13.00/24.00	2.80/15.00/24.00
	MCA		A	21.65 (MCA)		23.50 (MCA)	25.00 (MCA)
Energy Efficiency	MFA		A	25.00		27.50	30.00
	EER (Nominal Cooling)		-	2.51		2.81	2.51
	COP (Nominal Heating)		-	3.21		3.31	3.01
	Energy Grade		-	Energy Grade (C) 4.1(C) Energy Grade (H) 3.4(A)		Energy Grade (C) 4.3(C) Energy Grade (H) 3.4(A)	Energy Grade (C) 4.3(C) Energy Grade (H) 3.4(A)
Piping Connections	Liquid Pipe		Φ, mm	6.35		9.52	9.52
			Φ, inch	1/4"		3/8"	3/8"
	Gas Pipe		Φ, mm	15.88		15.88	15.88
			Φ, inch	5/8"		5/8"	5/8"
Installation Limitation	Max. Length (Outdoor to indoor)		m	30(35)		50(55)	50(55)
	Max. Height (Between ID/OD)		m	20(20)		30(30)	30(30)
Field Wiring	Power Source Wire		-	2.5 ~ 4.0		2.5 ~ 4.0	2.5 ~ 4.0
	Transmission Cable		-	0.75 ~ 1.0		0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A		R410A	R410A
	Control Method		-	-		-	-
Factory Charging			kg	1.80		3.00	3.00
INDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50	1,2,220-240,50
Type			-	Sirocco Fan		Sirocco Fan	Sirocco Fan
	Output		W	-		-	-
	Number of Unit		EA	1.00		1.00	1.00
	Air Flow Rate		CMM	21.50/19.70/18.00		24.00/22.00/20.00	24.00/22.00/20.00
	High / Mid / Low		l/s	358.33/328.33/300.00		400.00/366.67/333.33	400.00/366.67/333.33
External Static Pressure	Min / Std / Max		mmAq	0.00/3.00/6.00		0.00/4.00/8.00	0.00/4.00/8.00
			Pa	0.00/29.42/58.84		0.00/39.23/78.45	0.00/39.23/78.45
Drain	Drain Pipe		Φ, mm	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure	High / Mid / Low	dB(A)	38.00/36.0/34.0		39.00/37.0/35.0	40.00/37.0/35.0
External Dimension	Net Weight		kg	29.00		34.00	55.00
	Shipping Weight		kg	34.00		40.00	60.00
	Net Dimensions (WxHxD)		mm	900 x 260 x 480		1150 x 260 x 480	1150 x 260 x 480
	Shipping Dimensions (WxHxD)		mm	1146 x 363 x 584		1405 x 354 x 593	1405 x 354 x 593
	Panel model		-	-		-	-
Panel Size	Panel Net Weight		kg	-		-	-
	Shipping Weight		kg	-		-	-
	Net Dimensions (WxHxD)		mm	-		-	-
	Shipping Dimensions (WxHxD)		mm	-		-	-
Additional Accessories	Drain pump	Drain pump	-	MDP-M07SSGU1		MDP-M07SSGU1	MDP-M07SSGU1
	Max. lifting Height / Displacement	mm / liter/h	-	-		-	-
Air Filter			-	-		-	-
OUTDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50	1,2,220-240,50
Compressor			-	Twin BLDC Rotary		Twin BLDC Rotary	Twin BLDC Rotary
	Model		-	UG4T200FUAE4SG		UG8T300FUBJUSG	UG8T300FUBJUSG
	Output		kW	1.79		2.82	2.82
	Type		-	POE		POE	POE
	Initial Charge		cc	650.00		1200.00	1200.00
Fan	Air Flow Rate		CMM	52.00		68.00	68.00
	Cooling		l/s	866.67		1,133.33	1,133.33
Sound	Sound Pressure		dB(A)	52.0 / 52.0		52.0 / 53.0	52.0 / 53.0
	Cooling / Heating						
External Dimension	Net Weight		kg	47.00		72.00	72.00
	Shipping Weight		kg	52.00		77.00	77.00
	Net Dimensions (WxHxD)		mm	880 x 638 x 310		940 x 998 x 330	940 x 998 x 330
	Shipping Dimensions (WxHxD)		mm	1024 x 750 x 414		995 x 1096 x 426	995 x 1096 x 426
	Operating Temp. Range		°C	-5~43		-15~50	-15~50
Heating			°C	-20~24		-20~24	-20~24

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

Optional Accessories

Individual Controllers

MWR-WE10MWR-WH0*MWR-SH00MR-DH00MRK-A00MRW-10A

Drain Pump

MDP-M07SSGU1MDP-M07SSGU2MDP-M07SSGU3

Standard Accessories

Individual Controllers



Specification - Indoor Units

Slim Duct



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



Model Name		Indoor Unit		AC035FBLDEH		AC052FBLDEH		AC071FBLDEH	
		Outdoor Unit		AC035FCADEH		AC052FCADEH		AC071FCADEH	
Mode				HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW		0.95/3.50/4.00		1.20/5.00/6.00		2.20/7.10/8.00	
	Heating (Min. / Std. / Max.)	Btu/h		3,200/11,900/13,600		4,100/17,100/20,500		7,500/24,200/27,300	
Power		kW		0.72/4.00/4.60		0.70/6.00/7.00		1.90/8.00/9.00	
		Btu/h		2,500/13,600/15,700		2,400/20,500/23,900		6,500/27,300/30,700	
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.21/1.25/1.45		0.23/1.66/2.20		0.35/2.21/4.00	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	0.18/1.17/1.40		0.28/1.66/2.20		0.35/2.32/4.00	
		Heating (Min. / Std. / Max.)	A	1.60/6.00/6.60		1.30/8.00/9.80		2.00/10.50/21.00	
Energy Efficiency	MCA		A	1.20/5.70/6.60		1.60/7.90/10.00		2.00/10.50/21.00	
	MFA		A	10.30 (MCA)		10.80 (MCA)		20.30 (MCA)	
	EER (Nominal Cooling)		-	12.50		13.13		25.00	
	COP (Nominal Heating)		-	2.81		3.01		3.21	
	Energy Grade		-	3.41		3.61		3.45	
Piping Connections				Energy Grade (C) 5.30 (A)		Energy Grade (C) 5.1(A)		Energy Grade (C) 5.4(A)	
				Energy Grade (H) 3.40 (A)		Energy Grade (H) 3.6(A)		Energy Grade (H) 3.6(A)	
Field Wiring	Power Source Wire		-	1.5		2.0		2.5	
	Transmission Cable		-	0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25	
Refrigerant	Type		-	R410A		R410A		R410A	
	Control Method		-	-		-		-	
Factory Charging		kg	0.95		1.40		1.30		
INDOOR UNIT									
Power Supply		Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		
	Type		Sirocco Fan		Sirocco Fan		Turbo Fan/BLDC		
	Motor	Output	-		-		-		
	Number of Unit		1.00		1.00		1.00		
	Air Flow Rate	High / Mid / Low	10.00/9.00/8.00		13.50/12.50/11.00		19.00/17.00/15.00		
	External Static Pressure	Min / Std / Max	166.67/150.00/133.33		225.00/208.33/183.33		316.67/283.33/250.00		
Drain	Net Weight		0.00/2.50/4.00		0.00/2.00/4.00		0.00/2.50/4.00		
	Shipping Weight		0.00/24.52/39.23		0.00/19.61/39.23		0.00/24.52/39.23		
	Net Dimensions (WxHxD)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		
	Shipping Dimensions (WxHxD)		32.00/29.5/27.0		33.00/31.5/30.0		36.00/34.0/32.0		
			26.00		31.00		34.00		
External Dimension	Panel model		31.00		39.00		40.00		
	Panel Net Weight		900 x 199 x 600		1100 x 199 x 600		1100 x 199 x 600		
	Shipping Weight		1150 x 280 x 710		1350 x 280 x 710		1350 x 280 x 710		
	Net Dimensions (WxHxD)		-		-		-		
	Shipping Dimensions (WxHxD)		-		-		-		
Panel Size	Panel Net Weight		-		-		-		
	Shipping Weight		-		-		-		
	Net Dimensions (WxHxD)		-		-		-		
	Shipping Dimensions (WxHxD)		-		-		-		
			-		-		-		
Additional Accessories	Drain pump	Max. lifting Height / Displacement	MDP-E075SEE3		MDP-E075SEE3		MDP-E075SEE3		
	Air Filter		-		-		-		
OUTDOOR UNIT									
Power Supply		Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		
Compressor	Type		Single BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary		
	Model		UG4C090LUDJR		UG4T150FUDJQ		UG4T200FUA4SG		
	Output		0.86		1.37		1.79		
	Oil	Type	POE		POE		POE		
	Initial Charge		320.00		650.00		650.00		
Fan	Air Flow Rate	Cooling	30.00		33.00		52.00		
	Sound Pressure	Cooling / Heating	500.00		550.00		866.67		
External Dimension	Net Weight		47.0 / 47.0		48.0 / 49.0		49.0 / 51.0		
	Shipping Weight		33.00		38.50		55.00		
	Net Dimensions (WxHxD)		37.00		42.50		59.00		
	Shipping Dimensions (WxHxD)		790 x 548 x 285		790 x 548 x 285		880 x 798 x 310		
	Operating Temp. Range	Cooling	926 x 655 x 382		926 x 655 x 382		1023 x 891 x 413		
	Heating		-10~46		-15~46		-15~50		
			-15~24		-15~24		-20~24		

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

Optional Accessories

Standard Accessories

Individual Controllers



MWR-WE10 MWR-WH0* MWR-SH00 MR-DH00 MRK-A00 MRW-10A

Drain Pump



MDP-E075SEE3

Individual Controllers





Specification - Indoor Units

P Series (Maldives)



- Full HD Filter
- Smart Inverter
- good' sleep



Model Name			AC026FBRDEH	AC035FBRDEH	AC052FBRDEH	AC071FBRDEH
Indoor Unit			AC026FCADEH	AC035FCADEH	AC052FCADEH	AC060FCADEH
Mode			-	-	-	-
			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		1.20/2.60/3.50	1.20/3.50/3.70	1.90/5.00/6.05	2.20/7.10/8.00
	Heating (Min. / Std. / Max.)		4,100/8,900/11,900	4,100/11,900/12,600	6,500/17,100/20,600	7,500/24,200/27,300
Power			kW			
			Btu/h			
			kW			
			Btu/h			
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.24/0.65/1.50	0.25/1.09/1.50	0.40/1.61/2.20	0.35/2.36/4.00
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	0.20/0.97/1.15	0.21/1.17/1.40	0.34/1.76/3.15	0.35/2.85/4.00
		Heating (Min. / Std. / Max.)	1.60/3.40/7.00	1.60/5.10/7.00	2.60/7.20/9.80	2.00/10.50/21.00
		Heating (Min. / Std. / Max.)	1.30/5.00/5.40	1.30/5.80/6.50	2.30/8.30/14.00	2.00/13.00/21.00
Energy Efficiency	MCA	A	10.30 (MCA)	10.30 (MCA)	10.80 (MCA)	20.30 (MCA)
	MFA	A	12.50	12.50	13.13	25.00
	EER (Nominal Cooling)	-	4.00	3.21	3.11	3.01
	COP (Nominal Heating)	-	3.61	3.42	3.41	2.81
	Energy Grade	-	Energy Grade (C) 5.9 (A++)	Energy Grade (C) 5.6 (A+)	Energy Grade (C) 6.20 (A++)	Energy Grade (C) 6.00 (A+)
Piping Connections			-	-	-	-
			Energy Grade (H) 3.9 (A)	Energy Grade (H) 3.9 (A)	Energy Grade (H) 3.80 (A)	Energy Grade (H) 3.80 (A)
	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	12.70	15.88
		Φ, inch	3/8"	3/8"	1/2"	5/8"
Field Wiring	Installation Limitation		20(25)	20(25)	30(35)	50(55)
	Max. Length (Outdoor to indoor)		15(15)	15(15)	20(20)	30(30)
	Max. Height (Between ID/OD)		m			
Refrigerant	Power Source Wire	-	1.5 ~ 2.5	1.5 ~ 2.5	2.0	2.5 ~ 4.0
	Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type	-	R410A	R410A	R410A	R410A
	Control Method	-	-	-	-	-
	Factory Charging	kg	0.95	0.95	1.40	1.80
INDOOR UNIT						
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Motor	W	35.00	35.00	27.00	27.00
	Number of Unit	EA	1.00	1.00	1.00	1.00
	Air Flow Rate	CMM	10.50/9.50/8.00	8.00/7.00/6.00	15.00/13.20/11.50	15.00/13.40/11.80
	High / Mid / Low	l/s	175.00/158.33/133.33	133.33/116.67/100.00	250.00/220.00/191.67	250.00/223.33/196.67
External Static Pressure	mmAq		-	-	-	-
	Pa		-	-	-	-
	VP18 (OD 19, ID 16)		35.00/31.0/24.0	37.00/32.0/25.0	40.00/35.0/30.0	44.00/37.0/31.0
Sound	Drain Pipe	Φ, mm	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)
	Sound Pressure	High / Mid / Low	35.00/31.0/24.0	37.00/32.0/25.0	40.00/35.0/30.0	44.00/37.0/31.0
	Net Weight	kg	8.20	8.20	11.50	11.50
	Shipping Weight	kg	10.20	10.20	14.50	14.50
External Dimension	Net Dimensions (WxHxD)	mm	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	1065 x 298 x 230
	Shipping Dimensions (WxHxD)	mm	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	1137 x 377 x 299
	Panel model	-	-	-	-	-
	Panel Net Weight	kg	-	-	-	-
Panel Size	Shipping Weight	kg	-	-	-	-
	Net Dimensions (WxHxD)	mm	-	-	-	-
	Shipping Dimensions (WxHxD)	mm	-	-	-	-
	Drain pump	-	-	-	-	-
Additional Accessories	Drain pump	-	-	-	-	-
	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-
	Air Filter	-	-	-	-	-
OUTDOOR UNIT						
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type	-	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	-	UG4C090LUDJR	UG4C090LUDJR	UG4T150FUDJQ	UG4T150FUDJQ
	Output	kW	0.86	0.86	1.37	1.79
	Oil	-	POE	POE	POE	POE
	Initial Charge	cc	320.00	320.00	650.00	650.00
Fan	Air Flow Rate	CMM	29.00	30.00	33.00	52.00
	Cooling	l/s	483.33	500.00	550.00	866.67
Sound	Sound Pressure	Cooling / Heating	47.0 / 47.0	47.0 / 47.0	49.0 / 49.0	49.0 / 51.0
	Net Weight	kg	33.00	33.00	38.50	55.00
	Shipping Weight	kg	37.00	37.00	42.50	59.00
External Dimension	Net Dimensions (WxHxD)	mm	790 x 548 x 285	790 x 548 x 285	790 x 548 x 285	880 x 798 x 310
	Shipping Dimensions (WxHxD)	mm	926 x 655 x 382	926 x 655 x 382	1023 x 891 x 413	1023 x 891 x 413
	Cooling	°C	-10~46	-10~46	-15~46	-15~50
Operating Temp. Range	Heating	°C	-15~24	-15~24	-15~24	-20~24

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

Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH0*



MWR-SH00



MR-DH00

Standard Accessories

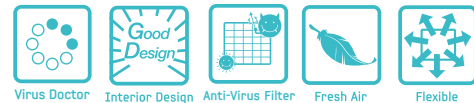
Wireless Remote Controller





Console

- Slim & Smart Design
- 2Way Air Outlet
- Silent Operation



Model Name		Indoor Unit		AC026FBJDEH		AC035FBJDEH		AC052FBJDEH	
Mode		Outdoor Unit		AC026FCADEH		AC035FCADEH		AC052FCADEH	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	-		HEAT PUMP		HEAT PUMP		HEAT PUMP	
		kW		0.98/2.60/3.40		1.20/3.50/3.90		1.90/5.00/5.50	
	Heating (Min. / Std. / Max.)	Btu/h		3,300/8,900/11,600		4,100/11,900/13,300		6,500/17,100/18,800	
Power		kW		0.95/3.50/4.20		1.04/4.00/4.40		1.50/5.60/6.50	
		Btu/h		3,200/11,900/14,300		3,500/13,600/15,000		5,100/19,100/22,200	
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)		0.23/0.81/1.20		0.25/1.29/1.50		0.25/1.78/2.20	
	Current Input (Nominal)	Heating (Min. / Std. / Max.)		0.21/1.06/1.30		0.21/1.33/1.40		0.25/1.92/2.50	
		Cooling (Min. / Std. / Max.)		1.60/4.00/5.50		1.60/6.00/7.00		2.60/8.00/10.00	
		Heating (Min. / Std. / Max.)		1.30/5.00/6.50		1.30/6.20/7.20		2.30/8.70/14.00	
	MCA	A		10.30 (MCA)		10.30 (MCA)		10.80 (MCA)	
Energy Efficiency	MFA	A		12.50		12.50		13.13	
	EER (Nominal Cooling)	-		3.21		2.71		2.81	
	COP (Nominal Heating)	-		3.30		3.01		2.92	
	Energy Grade	-		Energy Grade (C) 5.40 (A)		Energy Grade (C) 5.40 (A)		Energy Grade (C) 5.40 (A)	
Piping Connections		Energy Grade (H) 4.00 (A+)		Energy Grade (H) 3.90 (A)		Energy Grade (H) 3.90 (A)		Energy Grade (H) 3.50 (A)	
	Liquid Pipe	Φ, mm		6.35		6.35		6.35	
		Φ, inch		1/4"		1/4"		1/4"	
	Gas Pipe	Φ, mm		9.52		9.52		12.70	
		Φ, inch		3/8"		3/8"		1/2"	
Field Wiring	Installation Limitation	Max. Length (Outdoor to indoor)		20(25)		20(25)		30(35)	
		Max. Height (Between ID/OD)		15(15)		15(15)		20(20)	
	Power Source Wire	-		1.5 ~ 2.5		1.5 ~ 2.5		2.0	
Refrigerant	Transmission Cable	-		0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25	
	Type	-		R410A		R410A		R410A	
	Control Method	-		-		-		-	
Factory Charging		kg		0.95		0.95		1.40	
INDOOR UNIT									
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
	Type	-		Turbo Fan/BLDC		Turbo Fan/BLDC		Turbo Fan/BLDC	
	Motor	Output		35.00		35.00		35.00	
	Number of Unit	EA		1.00		1.00		1.00	
	Air Flow Rate	High / Mid / Low		8.50/7.50/6.50		9.80/8.50/7.50		13.00/11.50/10.00	
		l/s		141.67/125.00/108.33		163.33/141.67/125.00		216.67/191.67/166.67	
	External Static Pressure	Min / Std / Max		-		-		-	
Drain		mmAq		-		-		-	
	Drain Pipe	Φ, mm		VP18 (OD 19, ID 16)		VP18 (OD 19, ID 16)		VP18 (OD 19, ID 16)	
Sound	Sound Pressure	High / Mid / Low		38.00/30.5/23.0		39.00/31.5/24.0		44.00/34.5/25.0	
	Net Weight	kg		15.20		15.20		15.20	
External Dimension	Shipping Weight	kg		20.30		20.30		20.30	
	Net Dimensions (WxHxD)	mm		720 x 620 x 199		720 x 620 x 199		720 x 620 x 199	
	Shipping Dimensions (WxHxD)	mm		810 x 710 x 299		810 x 710 x 299		810 x 710 x 299	
Panel Size	Panel model	-		-		-		-	
	Panel Net Weight	kg		-		-		-	
	Shipping Weight	kg		-		-		-	
	Net Dimensions (WxHxD)	mm		-		-		-	
	Shipping Dimensions (WxHxD)	mm		-		-		-	
Additional Accessories	Drain pump	-		-		-		-	
	Max. lifting Height / Displacement	mm / liter/h		-		-		-	
	Air Filter	-		-		-		-	
OUTDOOR UNIT									
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
Compressor	Type	-		Single BLDC Rotary		Single BLDC Rotary		Twin BLDC Rotary	
	Model	-		UG4C090LUDJR		UG4C090LUDJR		UG4T150FUDJQDO	
	Output	kW		0.86		0.86		1.37	
	Oil	Type		POE		POE		POE	
Fan	Initial Charge	cc		320.00		320.00		650.00	
	Air Flow Rate	Cooling		29.00		30.00		33.00	
Sound	Sound Pressure	Cooling / Heating		483.33		500.00		550.00	
	Net Weight	dB(A)		47.0 / 47.0		47.0 / 47.0		49.0 / 49.0	
External Dimension	Shipping Weight	kg		33.00		33.00		38.50	
	Net Dimensions (WxHxD)	kg		37.00		37.00		42.50	
	Shipping Dimensions (WxHxD)	mm		790 x 548 x 285		790 x 548 x 285		790 x 548 x 285	
Operating Temp. Range	Cooling	mm		926 x 655 x 382		926 x 655 x 382		926 x 655 x 382	
	Heating	°C		-10~46		-10~46		-15~46	
		°C		-15~24		-15~24		-15~24	

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

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

Standard Accessories

Wireless Remote Controller



Specification - Indoor Units



Ceiling

- 2Way Installation
- Compact but Powerful



Interior Design



Anti-Virus Filter



Fresh Air



Flexible



Wireless RC

Indoor Unit				AC052FBCDEH		AC071FBCDEH	
Model Name		Outdoor Unit		AC052FCADEH		AC071FCADEH	
Mode				HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	1.70/5.00/5.60		2.20/7.10/8.00	
			Btu/h	5,800/17,100/19,100		7,500/24,200/27,300	
	Heating (Min. / Std. / Max.)		kW	1.70/6.00/7.70		1.90/8.00/9.00	
			Btu/h	5,800/20,500/26,300		6,500/27,300/30,700	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.48/1.66/1.90		0.35/2.36/4.00	
		Heating (Min. / Std. / Max.)		0.43/1.87/3.05		0.35/2.75/4.00	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	2.80/7.80/9.00		2.00/10.50/21.00	
		Heating (Min. / Std. / Max.)		2.40/8.80/14.50		2.00/12.60/21.00	
	MCA		A	10.80 (MCA)		20.30 (MCA)	
Energy Efficiency	MFA		A	13.13		25.00	
	EER (Nominal Cooling)		-	3.01		3.01	
	COP (Nominal Heating)		-	3.21		2.91	
	Energy Grade		-	Energy Grade (C) 5.30 (A)		Energy Grade (C) 5.10 (A)	
			-	Energy Grade (H) 3.60 (A)		Energy Grade (H) 3.40 (A)	
Piping Connections	Liquid Pipe		Φ, mm	6.35		6.35	
			Φ, inch	1/4"		1/4"	
	Gas Pipe		Φ, mm	12.70		15.88	
			Φ, inch	1/2"		5/8"	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	30(35)		50(55)	
Field Wiring	Power Source Wire		-	2.0		2.5 ~ 4.0	
	Transmission Cable		-	0.75 ~ 1.25		0.75 ~ 1.25	
Refrigerant	Type		-	R410A		R410A	
	Control Method		-				
	Factory Charging		kg	1.40		1.80	
INDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50	
	Type		-	Turbo Fan/BLDC		Turbo Fan/BLDC	
	Motor	Output	W	35.00		35.00	
	Number of Unit		EA	1.00		1.00	
	Air Flow Rate	High / Mid / Low	CMM	13.50/12.50/11.50		16.50/15.00/14.00	
			l/s	225.00/208.33/191.67		275.00/250.00/233.33	
	External Static Pressure	Min / Std / Max	mmAq	-		-	
			Pa	-		-	
Drain	Drain Pipe		Φ,mm	VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)	
Sound	Sound Pressure	High / Mid / Low	dB(A)	41.00/39.0/37.0		46.00/44.0/42.0	
	Net Weight		kg	22.00		22.00	
	Shipping Weight		kg	26.00		26.00	
	Net Dimensions (WxHxD)		mm	1000 x 200 x 650		1000 x 200 x 650	
External Dimension	Shipping Dimensions (WxHxD)		mm	1080 x 300 x 730		1080 x 300 x 730	
	Panel model		-	-		-	
	Panel Net Weight		kg	-		-	
	Shipping Weight		kg	-		-	
Panel Size	Net Dimensions (WxHxD)		mm	-		-	
	Shipping Dimensions (WxHxD)		mm	-		-	
			-	-		-	
Additional Accessories	Drain pump	Drain pump	-	-		-	
	Max. lifting Height / Displacement	mm / liter/h	-	-		-	
	Air Filter		-	-		-	
OUTDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50	
Compressor	Type		-	Twin BLDC Rotary		Twin BLDC Rotary	
	Model		-	UG4T150FUDJQDO		UG4T200FJAE4	
	Output		kW	1.37		1.79	
	Oil	Type	-	POE		POE	
Fan		Initial Charge	cc	650.00		650.00	
	Air Flow Rate	Cooling	CMM	33.00		52.00	
Sound	Sound Pressure	Cooling / Heating	l/s	550.00		866.67	
			dB(A)	49.0 / 49.0		49.0 / 51.0	
External Dimension	Net Weight		kg	38.50		55.00	
	Shipping Weight		kg	42.50		59.00	
	Net Dimensions (WxHxD)		mm	790 x 548 x 285		880 x 798 x 310	
	Shipping Dimensions (WxHxD)		mm	926 x 655 x 382		1023 x 891 x 413	
Operating Temp. Range	Cooling		°C	-15~46		-15~50	
	Heating		°C	-15~24		-20~24	

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

Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH0*



MWR-SH00



MR-DH00

Standard Accessories

Wireless Remote Controller



ERV Lineup

Model \ Air Volume (m³/hr)	250	350	500	800	1000
ERV	 RHF025EE	 RHF035EE	 RHF050EE	 RHF080EE	 RHF100EE

ERV Feature

	 ERV
Damper	•
Direct Expansion (DX) Coil	
Humidifier element (Optional)	
Supply/Exhaust Fan	•
Dust Filter	•
Heat Exchanger Element	•
Control Box	•
Temperature Sensor	•
CO ₂ Sensor (Optional)	•
BLDC Fan Motor	•
Energy Saving Operation (Auto Mode)	•
New Diamond Type Element	•
Flexible Installation	•
Slim Design	•
Silent Operation	•
Virus Doctor (Optional)	•



ERV

Specification



ERV

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

Model			RHF025EE	RHF035EE	RHF050EE	RHF080EE	RHF100EE
Voltage	V		220~240	220~240	220~240	220~240	220~240
Frequency	Hz		50	50	50	50	50
Air Volume	m3/hr		250	350	500	800	1000
External Static Presssure	Pa		110	155	165	155	155
Power Input	W		115	115	175	330	450
Current	A		0.7	0.7	1.1	2.1	2.9
Temperature Exchange Efficiency	Cooling	%	70	70	70	70	70
	Heating	%	70	70	70	70	70
Effective Enthalpy Exchange Efficiency	Cooling	%	50	50	50	50	50
	Heating	%	70	70	70	70	70
Dust Collection Method	-		High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)
Net Dimensions (WxHxD)	mm		660 X 350 X 600	1012 X 270 X 1000	1012 X 270 X 1000	1220 X 340 X 1135	1220 X 340 X 1135
Gross Dimensions (WxHxD)	mm		807 X 400 X 760	1308 X 355 X 1192	1308 X 355 X 1192	1475 X 440 X 1330	1475 X 440 X 1330
Weight (Net/Gross)	kg		28.5 / 32.5	42.5 / 53.5	42.5 / 53.5	67 / 75.5	67 / 75.5
Duct Diameter	Ø, mm		150	200	200	250	250
Virus Doctor	-		MSD-EAN1	MSD-EAN1	MSD-EAN1	MSD-EAN1	MSD-EAN1
CO2 Sensor	-		MOS-C1	MOS-C1	MOS-C1	MOS-C1	MOS-C1

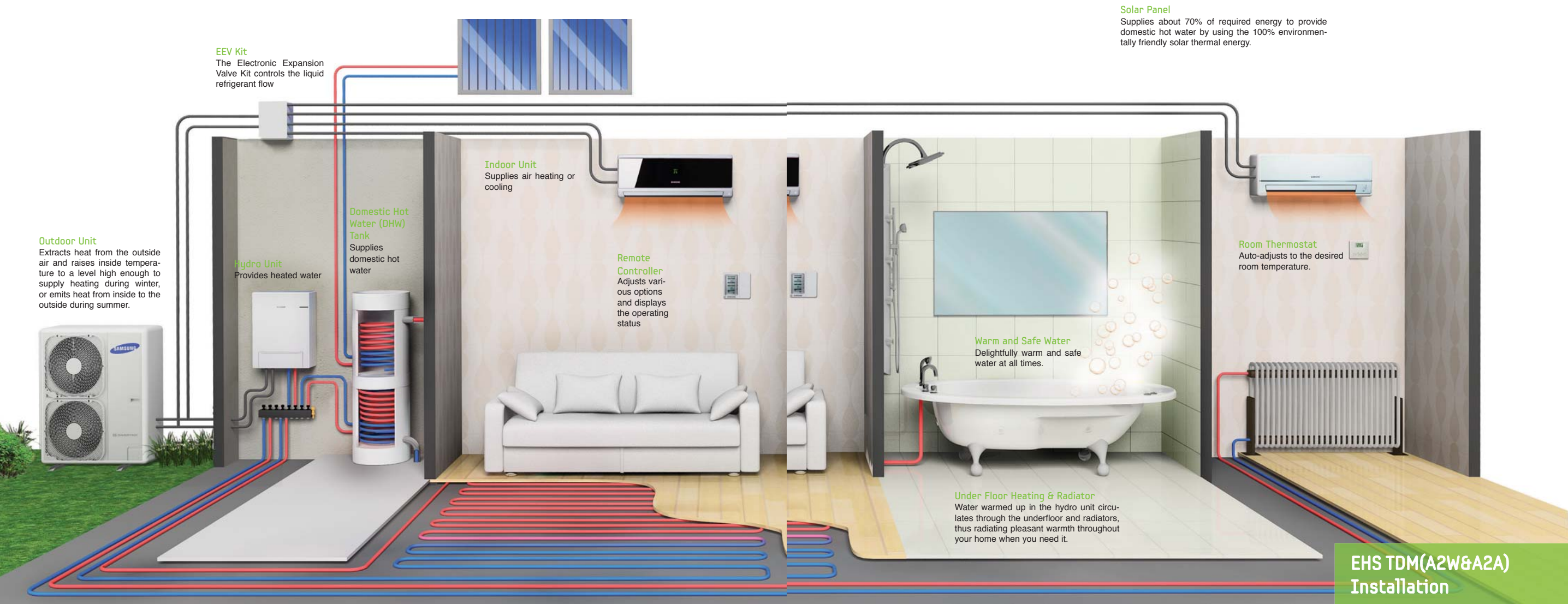
Optional Accessories

Individual Controllers

MWR-VH02

MWR-WE10

EHS Lineup & Feature - TDM (A2W & A2A)



Type		6.0kW	7.0kW	8.0kW	11kW	14kW	16kW
Outdoor Unit	1Φ Phase						
Hydro Unit	1Φ Phase						

Type		200L	300L
DHW Tank (Optionally Solar Connected)			

* There are two different types of DHW Tanks : Standard and Solar Connected types.

Type	Model	2.2kW	2.8kW	3.6kW	4.5kW	5.6kW	7.1kW
Indoor Unit	Vivace						
	Neo Forte						
	Slim Duct						

* Solar Panel (Field Supply) - Optional

EHS Lineup & Feature - Mono (A2W)

Type	9kW	12kW	14kW	16kW
Outdoor Unit				
				

Type	200L	300L
Cylinder Unit (Standard Type)		

Type	MIM-E03A
Control Kit	

EHS Lineup & Feature - Split (A2W)

Type	6kW	10kW	12.5kW	14kW	16kW
Outdoor Unit					
					
Hydro Unit					

EHS Specification - TDM (A2W & A2A)



Outdoor Unit (TDM)

- One outdoor unit works with both Air-to-Water (A2W) Hydro unit and Air-to-Air (A2A) Indoor unit

Model				RD060PHXEA	RD070PHXEA	RD080PHXEA	
Hydro Unit				NH080PHXEA	NH080PHXEA	NH080PHXEA	
Mode				Heat Pump (A2A/A2W Multi)	Heat Pump (A2A/A2W Multi)	Heat Pump (A2A/A2W Multi)	
Power Supply	Φ, #, V, Hz			1,220~240,50	1,220~240,50	1,220~240,50	
Performance (A2W #1)	Nominal Capacity ⁽¹⁾	Heating	W	6,000	7,000	8,000	
			Btu/h	20,500	23,900	27,300	
		Cooling	W	7,000	7,500	8,000	
			Btu/h	23,900	25,600	27,300	
	Nominal Power Input ⁽¹⁾	Heating	W	1,305	1,590	1,925	
		Cooling	W	1,945	2,205	2,540	
	Nominal Current Input ⁽¹⁾	Heating	A	6.0	7.3	8.8	
		Cooling	A	8.9	10.1	11.6	
	COP(Heating) ⁽¹⁾			W	4.60	4.40	4.15
	EER(Cooling) ⁽¹⁾			W	3.60	3.40	3.15
ESEER ⁽²⁾			A	5.20	5.50	4.90	
Performance (A2A)	Nominal Capacity	Cooling	W	3,000~6,000	3,500~7,000	4,000~8,000	
			Btu/h	10,200~20,500	11,900~23,900	13,600~27,300	
	Allowable No. of Indoor Units			EA	Max 3	Max 3	Max 3
	COP(Heating) ⁽³⁾			W/W	4.04	4.04	4.04
EER(Cooling) ⁽³⁾			W/W	3.21	3.21	3.21	
Electric Specification	MCA		A	13.50	16.00	18.00	
	MFA		A	16.88	20.00	22.50	
Refrigerant Side	Compressor	Type	-	Rotary Inverter	Rotary Inverter	Rotary Inverter	
	Oil	Type	-	POE	POE	POE	
	Refrigerant	Type	-	R410A	R410A	R410A	
	Piping Connections	Liquid	Φ, mm (inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")	
		Gas	Φ, mm (inch)	15.88(5/8")	15.88(5/8")	15.88(5/8")	
	Installation Limitation	Length	m	30	30	30	
Sound	Sound Pressure ⁽⁴⁾	Height	m	15	15	15	
		Heating	dB(A)	48	48	49	
External Dimension	Weight	Cooling	dB(A)	48	48	50	
		Net	kg	71	71	71	
	Dimensions (WxHxD)	Gross	kg	79	79	79	
		Net	mm	880x798x310	880x798x310	880x798x310	
Operating Range		Gross	mm	1,023x891x413	1,023x891x413	1,023x891x413	
		Heating	°C	-20~35	-20~35	-20~35	
	Ambient (A2W)	Cooling	°C	10~46	10~46	10~46	
		DHW	°C	-20~43	-20~43	-20~43	
	Ambient (A2A)	Heating	°C	-20~24	-20~24	-20~24	
		Cooling	°C	10~43	10~43	10~43	

*1)~3) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air DB 35°C.
*2) A2W Condition for ESEER(Cooling) at Water Out 7°C.
*3) A2A Condition : (Heating) Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB; (Cooling) Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB.
*4) Sound Pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

EHS Specification - TDM (A2W & A2A)



Outdoor Unit (TDM)

- One outdoor unit gets done the task that two outdoor units used to do
 - Air-to-Water (A2W) and Air-to-Air (A2A)

EHS Specification - Split (A2W)



Outdoor Unit (Split)

- Outdoor unit works with
 - Air-to-Water (A2W) Hydro unit to supply hot water

Model				RD110PHXEA	RD140PHXEA	RD160PHXEA
Hydro Unit				NH160PHXEA	NH160PHXEA	NH160PHXEA
Mode				-	Heat Pump (A2A/A2W Multi)	Heat Pump (A2A/A2W Multi)
Power Supply				Φ, #, V, Hz	1,220~240,50	1,220~240,50
Performance (A2W #1)	Nominal Capacity ⁽¹⁾	Heating	W	11,000	14,000	16,000
			Btu/h	37,500	47,800	54,600
		Cooling	W	11,300	14,200	15,500
			Btu/h	38,600	48,500	52,900
	Nominal Power Input ⁽¹⁾	Heating	W	2,420	3,210	3,900
		Cooling	W	2,900	3,940	4,700
	Nominal Current Input ⁽¹⁾	Heating	A	10.7	14.2	17.3
		Cooling	A	12.9	17.5	20.8
	COP(Heating) ⁽¹⁾		W	4.55	4.36	4.10
	EER(Cooling) ⁽¹⁾		W	3.90	3.60	3.30
ESEER ⁽²⁾		A	5.96	5.66	5.50	
Performance (A2A)	Nominal Capacity	Cooling	W	6,000~11,000	6,400~14,000	6,400~14,000
			Btu/h	20,500~37,500	21,800~47,800	21,800~47,800
	Allowable No. of Indoor Units		EA	Max 4	Max 4	Max 4
	COP(Heating) ⁽³⁾		W/W	3.94	3.94	3.94
Electric Specification	EER(Cooling) ⁽³⁾		WW	3.46	3.46	3.46
	MCA	A	25.00	28.00	30.00	
	MFA	A	31.25	35.00	37.50	
	Refrigerant Side	Compressor	Type	-	Rotary Inverter	Rotary Inverter
Oil		Type	-	POE	POE	POE
Refrigerant		Type	-	R410A	R410A	R410A
Piping Connections		Liquid	Φ, mm (inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")
		Gas	Φ, mm (inch)	15.88(5/8")	15.88(5/8")	15.88(5/8")
Installation Limitation		Length	m	70	70	70
Sound	Sound Pressure ⁽⁴⁾	Heating	dB(A)	49	51	53
		Cooling	dB(A)	50	52	54
External Dimension	Weight	Net	kg	108	108	108
		Gross	kg	116	116	116
	Dimensions (WxHxD)	Net	mm	932x1,128x375	932x1,128x375	932x1,128x375
		Gross	mm	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472
Operating Range	Ambient (A2W)	Heating	°C	-20~35	-20~35	-20~35
		Cooling	°C	10~46	10~46	10~46
		DHW	°C	-20~43	-20~43	-20~43
	Ambient (A2A)	Heating	°C	-20~24	-20~24	-20~24
Cooling		°C	10~43	10~43	10~43	

*1)~3) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air DB 35°C.
*2) A2W Condition for ESEER(Cooling) at Water Out 7°C.
*3) A2A Condition : (Heating) Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB; (Cooling) Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB.
*4) Sound Pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Model				AEX060EDEHA	AEX100EDEHA	AEX125EDEHA	AEX140EDEHA	AEX140EDEHA
Hydro Unit				AEN080YDEHA	AEN080YDEHA	AEN160YDEHA	AEN160YDEHA	AEN160YDEHA
Mode				-	Heat Pump (A2W Only)	Heat Pump (A2W Only)	Heat Pump (A2W Only)	Heat Pump (A2W Only)
Power Supply				Φ, #, V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Performance (A2W #1)	Nominal Capacity ⁽¹⁾	Heating	W	5,800	10,000	12,500	14,000	16,000
			Btu/h	19,800	34,100	42,700	47,800	54,600
		Cooling	W	5,300	9,100	15,000	16,200	17,400
			Btu/h	18,100	31,000	51,200	55,300	59,400
	Nominal Power Input ⁽¹⁾	Heating	W	1,220	2,220	2,660	3,110	3,720
		Cooling	W	1,905	2,890	4,350	5,150	6,000
	Nominal Current Input ⁽¹⁾	Heating	A	5.7	9.70	11.70	13.70	16.30
		Cooling	A	8.8	12.70	19.10	22.60	26.40
	COP(Heating) ⁽¹⁾		W	4.75	4.50	4.70	4.50	4.30
	EER(Cooling) ⁽¹⁾		W	3.50	3.15	3.45	3.15	2.90
Electric Specification	ESEER ⁽²⁾		A	4.50	4.60	4.80	4.75	4.70
	MCA		A	20.0	22.0	28.0	30.0	32.0
Refrigerant Side	MFA		A	25.0	27.5	35.0	37.5	40.0
	Compressor	Type	-	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
		Model	-	UG4T200FUA4	UG8T300FUBJU	UG5T450FUEJX	UG5T450FUEJX	UG5T450FUEJX
	Oil	Type	-	POE	POE	POE	POE	POE
		Refrigerant	Type	-	R410A	R410A	R410A	R410A
	Piping Connections	Liquid Φ, mm (inch)	6.35(1/4")	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")
		Gas Φ, mm (inch)	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")
	Installation Limitation	Length	m	30	50	50	50	50
		Height	m	20	30	30	30	30
	Base Heater (Option)		Capacity	W	N/A	150	150	150
Sound	Sound Pressure ⁽³⁾	Heating	dB(A)	53	50	50	50	53
		Cooling	dB(A)	54	52	51	53	54
	Sound Power		dB(A)	62	66	64	66	68
External Dimension	Weight	Net	kg	47.5	74	98	98	98
		Gross	kg	52.5	82	108	108	108
	Dimensions (WxHxD)	Net	mm	880x638x310	940x998x330	940x1,420x330	940x1,420x330	940x1,420x330
		Gross	mm	1,024x750x414	995x1,906x426	995x1,548x426	995x1,548x426	995x1,548x426
Operating Range	Ambient (A2W)	Heating	°C	-20~35	-20~35	-20~35	-20~35	-20~35
		Cooling	°C	10~46	10~46	10~46	10~46	10~46
		DHW	°C	-20~43	-20~43	-20~43	-20~43	-20~43
		DHW	°C	-20~43	-20~43	-20~43	-20~43	-20~43
	Leaving Water	Heating	°C	25~55	25~55	25~55	25~55	25~55
Cooling		°C	5~25	5~25	5~25	5~25	5~25	

*1)~2) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°CDB.
*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

EHS Specification - Split (A2W)



Outdoor Unit
(Split)

Model				AEX125EDGHA	AEX140EDGHA	AEX160EDGHA
Hydro Unit				AEN160YDGHA	AEN160YDGHA	AEN160YDGHA
Mode				-	Heat Pump (A2W Only)	Heat Pump (A2W Only)
Power Supply				Φ, #, V, Hz	3,380~415,50	3,380~415,50
Performance (A2W #1)	Nominal Capacity ⁽¹⁾	Heating	W	12,500	14,000	16,000
			Btu/h	42,700	47,800	54,600
		Cooling	W	15,000	16,200	17,400
			Btu/h	51,200	55,300	59,400
	Nominal Power Input ⁽¹⁾	Heating	W	2,660	3,110	3,720
		Cooling	W	4,350	5,150	6,000
	Nominal Current Input ⁽¹⁾	Heating	A	4.20	4.90	5.80
		Cooling	A	6.80	8.10	9.40
	Nominal Heating (COP) ⁽¹⁾		W	4.70	4.50	4.30
	Nominal Cooling (EER) ⁽¹⁾		W	3.45	3.15	2.90
	ESEER ⁽²⁾		A	4.80	4.75	4.70
	Electric Specification	MCA	A	10.0	11.0	12.0
MFA		A	12.5	13.8	15.0	
Refrigerant Side	Compressor	Type	-	Rotary Inverter	Rotary Inverter	Rotary Inverter
		Model	-	UG5T450FUEJX	UG5T450FUEJX	UG5T450FUEJX
	Oil	Type	-	POE	POE	POE
	Refrigerant	Type	-	R410A	R410A	R410A
	Piping Connections	Liquid	Φ, mm (inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")
		Gas	Φ, mm (inch)	15.88(5/8")	15.88(5/8")	15.88(5/8")
	Installation Limitation	Length	m	50	50	50
		Height	m	30	30	30
Base Heater (Option)		Capacity	W	150	150	150
Sound	Sound Pressure ⁽³⁾	Heating	dB(A)	50	50	53
		Cooling	dB(A)	51	53	54
	Sound Power		dB(A)	64	66	68
External Dimension	Weight	Net	kg	98	98	98
		Gross	kg	108	108	108
	Dimensions (WxHxD)	Net	mm	940x1,420x330	940x1,420x330	940x1,420x330
		Gross	mm	995x1,548x426	995x1,548x426	995x1,548x426
Operating Range	Ambient (A2W)	Heating	°C	-20~35	-20~35	-20~35
		Cooling	°C	10~46	10~46	10~46
		DHW	°C	-20~43	-20~43	-20~43
	Leaving Water	Heating	°C	25~55	25~55	25~55
Cooling		°C	5~25	5~25	5~25	

*1)~2) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°CDB.
*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

EHS Specification - TDM (A2W & A2A), Split (A2W)



Hydro Unit

• Combining with TDM or Split Outdoor units

				TDM		SPLIT			
Model				NH080PHXEA	NH160PHXEA	AEN080YDEHA	AEN160YDEHA	AEN160YDGHA	
Power Supply		Φ, #, V, Hz		1,220-240,50	1,220-240,50	1,220-240,50 3,380-415,50	1,220-240,50 3,380-415,50	1,220-240,50 3,380-415,50	
Performance	Nominal Capacity	Heating	W	6,000 / 7,000 / 8,000	11,000 / 14,000 / 16,000	5,200 / 10,000	12,500 / 14,000 / 16,000	12,500 / 14,000 / 16,000	
		Cooling	W	7,000 / 7,500 / 8,000	11,300 / 14,200 / 15,600	5,000 / 9,000	11,200 / 12,500 / 14,000	11,200 / 12,500 / 14,000	
	Leaving Water Temp. Range	Heating	°C	15-55 (H/P : 25-55)	15-55 (H/P : 25-55)	15-55 (H/P : 25-55)	15-55 (H/P : 25-55)	15-55 (H/P : 25-55)	
		Cooling	°C	5-25	5-25	5-25	5-25	5-25	
Water Side	Required Water Pressure		bar	Max 3.0	Max 3.0	Max 3.0	Max 3.0	Max 3.0	
	Required Flow Rate		LPM	Min 12.0	Min 16.0	Min 12.0	Min 16.0	Min 16.0	
Refrigerant Side	Piping Connections		In/Out Φ, inch	1 1/4" (BSPP)	1 1/4" (BSPP)	1 1/4" (BSPP)	1 1/4" (BSPP)	1 1/4" (BSPP)	
	Liquid	Φ, mm(inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")		
		Gas	Φ, mm(inch)	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")	
Hydro Unit Parts	Water Pump	Flow Rate	kg/min	17.0 / 20.5 / 23.0	31.5 / 40.1 / 45.9	17.0 / 20.5 / 23.0	31.5 / 40.1 / 45.9	31.5 / 40.1 / 45.9	
	Electric Heater	Input Power	W	4,000	6,000	4,000	6,000	6,000	
	Expansion Vessel	Volume	Liter		8	8	8	8	
	Pressure Relief Valve	Relief Pressure	bar	2.9	2.9	2.9	2.9	2.9	
	Air Purge Valve	Size	Φ, inch	3/8" (BSPP male)	3/8" (BSPP male)	3/8" (BSPP male)	3/8" (BSPP male)	3/8" (BSPP male)	
	Service Valve	Size	Φ, inch	1 1/4" (BSPP male)	1 1/4" (BSPP male)	1 1/4" (BSPP male)	1 1/4" (BSPP male)	1 1/4" (BSPP male)	
	External Dimension	Weight	Net	kg	45	48	45	48	45
			Gross	kg	55	58	55	58	55
Dimensions (WxHxD)		Net	mm	510x850x315	510x850x315	510x850x315	510x850x315	510x850x315	
External Control			Gross	mm	564x1,024x412	564x1,024x412	564x1,024x412	564x1,024x412	
	Back up Boiler		-	230VAC 1A(DO)	230VAC 1A(DO)	230VAC 1A(DO)	230VAC 1A(DO)	230VAC 1A(DO)	
	Room Thermostat		-	230VAC 1A(DI)	230VAC 1A(DI)	230VAC 1A(DI)	230VAC 1A(DI)	230VAC 1A(DI)	
	Solar Pump		-	230VAC 1A(DI)	230VAC 1A(DI)	230VAC 1A(DI)	230VAC 1A(DI)	230VAC 1A(DI)	
Valves, 2 or 3way		-	230VAC 1A(DO)	230VAC 1A(DO)	230VAC 1A(DO)	230VAC 1A(DO)	230VAC 1A(DO)		

EHS Specification - TDM, Mono, Split



DHW Tank

- DHW Tank supplies sanitary hot water and is compatible with Solar Panel (Solar type tank only)

Model		Standard		Solar Connected	
		NH200WHXEA	NH300WHXEA	NH200WHXES	NH300WHXES
Pressure Vessel	Material Quality	-	AISI 444/DIN 1.4521	AISI 444/DIN 1.4521	AISI 444/DIN 1.4521
	Volume Capacity	Liter	198	287	287
Power Supply	Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50
Electric Element	Capacity	kW	2.6	2.6	2.6
	Material	-	Incoloy 825	Incoloy 825	Incoloy 825
	Thermostat #1 (Auto)	°C	-	-	-
	Thermostat #2 (Manual)	°C	-	-	-
Heating Coil	Material Quality	-	Duplex LDX 2101	Duplex LDX 2101	Duplex LDX 2101
	Heating Area	m ²	0.71	0.71	0.71
Heating Coil for Solar	Material Quality	-	-	Duplex LDX 2101	Duplex LDX 2101
	Heating Area	m ²	-	0.47	0.47
Insulation	Material Quality	-	Polyrethane form	Polyrethane form	Polyrethane form
	Thickness	mm	40	40	40
Insulation Jacket	Material Quality	-	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White
Dimensions Overall	Diameter	mm	585	585	585
	Height	mm	1,130	1,580	1,580
Connections	Cold Water Inlet	inch	3/4 (FBSP)	3/4 (FBSP)	3/4 (FBSP)
	Hot Water Outlet	inch	3/4 (FBSP)	3/4 (FBSP)	3/4 (FBSP)
	Recirculation	mm	Ø22mm Straight tube (for compression fitting)	Ø22mm Straight tube (for compression fitting)	Ø22mm Straight tube (for compression fitting)
	Flow & Return	mm	3/4 (Female)	3/4 (Female)	3/4 (Female)
	Sensor Poket(s)	mm	Ø8mm Inside, 1/2" Thread	Ø8mm Inside, 1/2" Thread	Ø8mm Inside, 1/2" Thread
Weight	Net	kg	-	-	-
	Gross	kg	47	61	65
Max. Water Temperature	°C		70	70	70
Pre-plumbed parts	Water Pump	-	-	-	-
	2way valve	-	-	-	-
	Temp. & Pressure Relief Valve	-	-	-	-
	Pressure Reducing Valve	bar	-	-	-
	Relief Pressure	bar	-	-	-
	Strainer	mesh	-	-	-
Packaged part	Flow Switch	-	-	-	-
Room thermostat & receiver	Wireless Room Thermostat	-	-	-	-
	RF Receiver for Thermostat	-	-	-	-
Timer controller		-	-	-	-
Other	Packaging	-	Eco Foam-PUF	Eco Foam-PUF	Eco Foam-PUF
	Adjustable Legs	pcs	3	3	3

EHS Specification - TDM (A2W & A2A)



Vivace

- Shadow Mirror
- Hidden Display
- Trim-less Design



Model				NH022VHXEA	NH028VHXEA	NH036VHXEA	NH056VHXEA	NH071VHXEA
Power Supply				Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50
Performance	Nominal Capacity	Cooling *1)	W	2,200	2,800	3,600	5,600	6,800
			Btu/h	7,500	9,600	12,300	19,100	23,200
		Heating *2)	W	2,500	3,200	4,000	6,300	7,000
			Btu/h	8,500	10,900	13,600	21,500	23,900
	Nominal Power Input		W	30	30	35	50	50
	Nominal Current Input		A	0.13	0.18	0.19	0.30	0.30
Sound *3)	Sound Pressure	High / Low	dB(A)	31 / 21	31 / 21	35 / 21	40 / 30	41 / 30
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling	High	CMM	7.0	7.0	8.2	13.3	13.3
	Heating	High	CMM	7.3	7.3	8.8	14.0	14.0
	ESP	Std. (Min.-Max.)	mmAq	-	-	-	-	-
Refrigerant Side	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV	EEV
	Piping Connections	Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4	1/4	1/4	1/4	3/8
		Gas	Φ, mm	12.70	12.70	12.70	12.70	15.88
			Φ, inch	1/2	1/2	1/2	1/2	5/8
		Drain	Φ, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
External Dimension	Weight	Net	kg	8.5	8.5	8.5	12.0	15.0
		Gross	kg	11.5	11.5	11.5	15.0	15.0
	Dimensions (WxHxD)	Net	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1,065 x 298 x 218	1,065 x 298 x 218
		Gross	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1,137 x 377 x 299	1,137 x 377 x 299

*1) Nominal cooling capacities are based on;
- Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*2) Nominal heating capacities are based on;
- Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB, 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.

Optional Accessories



Standard Accessories



EHS Specification - TDM (A2W & A2A)



Neo Forte

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



Slim Duct

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



Model				NH022NHXEA	NH028NHXEA	NH036NHXEA	NH056NHXEA	NH071NHXEA	
Power Supply				Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	
Performance	Nominal Capacity	Cooling *1)	W	2,200	2,800	3,600	5,600	6,800	
			Btu/h	7,500	9,600	12,300	19,100	23,200	
		Heating *2)	W	2,500	3,200	4,000	6,300	7,000	
			Btu/h	8,500	10,900	13,600	21,500	23,900	
	Nominal Power Input		W	25	25	30	45	50	
	Nominal Current Input		A	0.18	0.18	0.18	0.27	0.30	
Sound *3)		Sound Pressure	High / Low	dB(A)	32 / 23	32 / 23	36 / 23	40 / 30	41 / 30
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	
Airflow Rate	Cooling	High	CMM	7.8	7.8	9.3	12.0	14.0	
	Heating	High	CMM	8.2	8.2	9.5	13.0	15.0	
	ESP	Std. (Min.~Max.)	mmAq	-	-	-	-	-	
Refrigerant Side	Type		-	R410A	R410A	R410A	R410A	R410A	
	Control Method		-	EEV	EEV	EEV	EEV	EEV	
	Piping Connections	Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52	
			Φ, inch	1/4	1/4	1/4	1/4	3/8	
		Gas	Φ, mm	12.70	12.70	12.70	12.70	15.88	
			Φ, inch	1/2	1/2	1/2	1/2	5/8	
			Drain	Φ, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
External Dimension	Weight	Net	kg	7.8	7.8	7.8	13.0	13.0	
		Gross	kg	9.4	9.4	9.4	16.0	16.0	
	Dimensions (WxHxD)	Net	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1,065 x 298 x 218	1,065 x 298 x 218	
		Gross	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1,137 x 377 x 299	1,137 x 377 x 299	

*1) Nominal cooling capacities are based on;
- Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*2) Nominal heating capacities are based on;
- Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB, 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.

Model				NH022LHXEA	NH028LHXEA	NH036LHXEA	NH045LHXEA	NH056LHXEA
Power Supply				Φ, #, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Performance	Nominal Capacity	Cooling *1)	W	2,200	2,800	3,600	4,500	5,600
			Btu/h	7,500	9,600	12,300	15,400	19,100
	Heating *2)	W	2,500	3,200	4,000	5,000	6,300	
		Btu/h	8,500	10,900	13,600	17,100	21,500	
	Nominal Power Input		W	80	80	80	90	100
	Nominal Current Input		A	0.40	0.40	0.40	0.60	0.60
Sound *3)	Sound Pressure	High / Low	dB(A)	31 / 26	32 / 27	32 / 27	33 / 30	33 / 30
Fan	Type	-		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling	High	CMM	8.0	9.0	10.0	14.0	15.0
	Heating	High	CMM	9.0	10.0	12.0	16.5	18.0
	ESP	Std. (Min.~Max.)	mmAq	2 (0~4)	2 (0~4)	2 (0~4)	2 (0~4)	2 (0~4)
Refrigerant Side	Type	-		R410A	R410A	R410A	R410A	R410A
	Control Method	-		EEV	EEV	EEV	EEV	EEV
	Piping Connections	Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4	1/4	1/4	1/4	3/8
		Gas	Φ, mm	12.70	12.70	12.70	12.70	15.88
			Φ, inch	1/2	1/2	1/2	1/2	5/8
		Drain	Φ, mm	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)
External Dimension	Weight	Net	kg	26.0	26.0	26.0	31.0	31.0
		Gross	kg	31.0	31.0	31.0	39.0	39.0
	Dimensions (WxHxD)	Net	mm	900 x 199 x 600	900 x 199 x 600	900 x 199 x 600	1,100 x 199 x 600	1,100 x 199 x 600
		Gross	mm	1,133 x 333 x 730	1,133 x 333 x 730	1,133 x 333 x 730	1,330 x 330 x 730	1,330 x 330 x 730

*1) Nominal cooling capacities are based on;
- Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*2) Nominal heating capacities are based on;
- Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB, 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.

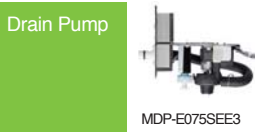
Optional Accessories



Standard Accessories



Optional Accessories





Outdoor Unit
(Mono)

- Mono unit itself supplies hot water without Hydro unit or refrigerant work

Model				RC090MHXEA	RC120MHXEA	RC140MHXEA	RC160MHXEA	RC120MHXGA	RC140MHXGA	RC160MHXGA
Mode				-	Heat Pump (A2W Only)	Heat Pump (A2W Only)	Heat Pump (A2W Only)	Heat Pump (A2W Only)	Heat Pump (A2W Only)	Heat Pump (A2W Only)
Power Supply				Φ, #, V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	3, 4, 380-415,50	3, 380-415,50	3, 380-415,50
Performance (A2W #1)	Nominal Capacity *1)	Heating	kW	9,000	12,000	14,000	16,000	12,000	14,000	16,000
			Btu/h	30,700	40,900	47,800	54,600	40,900	47,800	54,600
		Cooling	kW	10,000	13,500	16,000	17,000	13,500	16,000	17,000
			Btu/h	34,100	46,100	54,600	58,000	46,100	54,600	58,000
	Nominal Power Input *1)	Heating	W	2,090	2,610	3,220	3,810	2,610	3,220	3,810
		Cooling	W	2,860	4,070	5,330	5,860	3,910	5,250	5,710
	Nominal Current Input *1)	Heating	A	939	11.7	14.4	17.1	4.1	5.1	6.0
		Cooling	A	13.5	17.7	23.2	25.5	6.1	8.2	9.0
	COP(Heating) *1)		W	4.30	4.60	4.35	4.20	4.60	4.35	4.20
	EER(Cooling) *1)		W	3.50	3.32	3.00	2.90	3.45	3.05	2.98
Electric Specification	ESEER *2)		A	5.60	6.45	6.34	5.98	6.45	6.34	5.98
	MCA		A	22.0	28.0	30.0	32.0	10.0	11.0	12.0
	MFA		A	27.5	35.0	37.5	40.0	12.5	13.8	15.0
Water Side	Required Water Pressure		bar	Max. 2.8	Max. 2.8	Max. 2.8	Max. 2.8	Max. 2.8	Max. 2.8	Max. 2.8
	Required Flow Rate		LPM	Min. 16.0	Min. 16.0	Min. 16.0	Min. 16.0	Min. 16.0	Min. 16.0	Min. 16.0
	Piping Connections	In/Out	Φ, inch	1" (BSPP)	1" (BSPP)	1" (BSPP)	1" (BSPP)	1" (BSPP)	1" (BSPP)	1" (BSPP)
Refrigerant Side	Compressor	Type	-	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
	Oil	Type	-	POE	POE	POE	POE	POE	POE	POE
	Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Base Heater	Capacity	-	W	150	150	150	150	150	150	150
Sound	Sound Pressure *3)	Heating	dB(A)	50	50	52	53	50	52	53
		Cooling	dB(A)	51	51	53	54	51	53	54
	Sound Power		dB(A)	66	66	68	70	66	68	70
External Dimension	Weight	Net	kg	75	103	103	103	103	103	103
		Gross	kg	83	113	113	113	113	113	113
	Dimensions (WxHxD)	Net	mm	940x998x330	940x1,420x330	940x1,420x330	940x1,420x330	940x1,420x330	940x1,420x330	940x1,420x330
		Gross	mm	995x1,096x426	995 x1,548x426	995 x1,548x426	995 x1,548x426	995 x1,548x426	995 x1,548x426	995 x1,548x426
Operating Range	Ambient (A2W)	Heating	°C	-20~35	-20~35	-20~35	-20~35	-20~35	-20~35	-20~35
		Cooling	°C	10~46	10~46	10~46	10~46	10~46	10~46	10~46
		DHW	°C	-20~43	-20~43	-20~43	-20~43	-20~43	-20~43	-20~43
		Leaving Water	°C	25~55	25~55	25~55	25~55	25~55	25~55	25~55
	Leaving Water	Heating	°C	25~55	25~55	25~55	25~55	25~55	25~55	25~55
		Cooling	°C	5~25	5~25	5~25	5~25	5~25	5~25	5~25

*1)~2) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°CDB.
*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

EHS Specification - Mono (A2W)



Mono Cylinder Unit

- Pre-plumbed Cylinder unit provides a flexible, quick and easy installation



Mono Control Kit

- Control Kit provides easy and flexible control solution

Model		Standard	
		NH200CHXEA	NH300CHXEA
Pressure Vessel	Material Quality	-	AISI 444 / DIN 1.4521
	Volume Capacity	Liter	192
Power Supply	Φ, V, Hz	1,220-240,50	1,220-240,50
	Capacity	kW	3.0
Electric Element	Material	-	Incoloy 825
	Thermostat #1 (Auto)	°C	40-70 (60 preset)
	Thermostat #2 (Manual)	°C	91
	Material Quality	-	Duplex LDX 2101
Heating Coil	Heating Area	m ²	0.8
	Material Quality	-	N/A
Heating Coil for Solar	Heating Area	m ²	N/A
	Material Quality	-	PUR
Insulation	Thickness	mm	40
	Material Quality	-	Epoxy-coated mild steel-white
Dimensions Overall	WxHxD	mm	692x1,200x702
	Cold Water Inlet (pipe)	Φ, mm	22
Connections	Hot Water Outlet	Φ, inch	3/4" (BSPP)
	Flow & Return (pipe)	Φ, mm	28
	Sensor Poket(s)	mm	Ø8.05mm Inside, 1/2" Thread
Weight	Net	kg	67
	Gross	kg	-
Max. Water Temperature		°C	70
	Water Pump	-	Wilo RS 25/7
Pre-plumbed parts	2way valve	-	Honeywell V4043
	Temp. & Pressure Relief Valve	-	90°C & 10.0bar
	Pressure Reducing Valve	bar	3.0
	Relief Pressure	bar	2.1
	Strainer	mesh	25
Packaged part	Flow Switch	-	Sika VH9342
Room thermostat & receiver	Wireless Room Thermostat	-	Danfoss TP5000 Si RF
	RF Receiver for Thermostat	-	Danfoss RX1
Timer controller		-	Danfoss FP715 Si
Other	Packaging	-	Eco Foam-PUF
	Adjustable Legs	pcs	3

Model		MIM-E03A	
Use with		-	EHS Mono Type
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50
External Dimension	Weight	Net	kg
		Gross	kg
	Dimensions (WxHxD)	Net	mm
		Gross	mm
External Control	Booster Heater	-	AC 230V (Max 20A)
	Back up Heater / Boiler	-	AC 230V (Max 0.5A)
	Water Pump	-	AC 230V (Max 2A)
	2way or 3way Valve	-	AC 230V (Max 0.5A / 120W)
	Room Thermostat	-	AC 230V (Max 10mA)
	Solar Pump	-	AC 230V (Max 10mA)

Control System for DVM S

CLASSIFICATION		PRODUCT	MODEL	IMAGE	APPLICATION MODEL
Integrated Management System	Controller	DMS 2	MIM-D00AN		DVM S
		S-NET 3	MST-P3P		DVM S
	Interface Module	PIM	MIM-B16N		DVM S
System Controller	Centralized Control System	Controller	Touch controller	MCM-A300N	DVM S
			Centralized Controller	MCM-A202DN	DVM S
			Multi Tenant Function Controller	MCM-C210	DVM S
			Operation Mode Selection Switch	MCM-C200	DVM Series (Except HR Models)
	Individual Control System	Controller	Wired Remote Controller	MWR-WE10N	DVM S
			Wireless Remote Controller	MR-DH00 / MR-DC00	DVM Series (MR-DH00 : H/P, MR-DC00 : C/O)
			ERV CO ₂ Sensor	MOS-C1	ERV, ERV PLUS
			Wireless Signal Receiver	MRK-A10N	DVM S Duct (For Wireless Remote Controller with wire)
			External Room Sensor	MRW-TA	Cassette, Wall-mounted, Ceiling, Duct, Console
		Interface Module	RAC Extension Board	MIM-A00	FJM (For Connecting Wired Remote Controller and External Contact Interface Module)
Building Management System	Building Management Module		LonWorks Gateway	MIM-B18N	DVM S
			BACnet Gateway	MIM-B17N	DVM S
	Guestroom Management Module		External Contact Interface Module	MIM-B14	DVM Series, FJM, CAC
Converter		Converter Unit		MIM-N00	DVM S
				MIM-C02N	DVM S

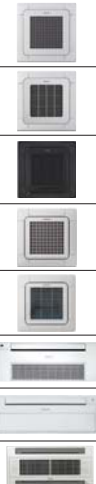
*DVM Series : DVM S,DVM Mini, DVM PLUS IV, DVM PLUS IV HR

Accessories for DVM S

Classification	Image	Model	Description	Relevant Unit	Remark
Y- joint		MXJ-YA1509M	15kW and below	DVM S	Requisite
		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		
Y-joint (High Pressure Gas) for DVM S HR module		MXJ-YA1500M	23.2 kW and below	DVM S	Requisite
		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	Below 48 HP	DVM S	Requisite
		MXJ-TA4422M	Over 50 HP		
Outdoor Joint (High Pressure Gas) for DVM S HR Module		MXJ-TA3100M	Below 48 HP	DVM S	
		MXJ-TA3800M	Over 50 HP		
Header Joint		MXJ-HA3819M	Over 69.7 kW	DVM S	Option
		MXJ-HA3115M	Below 69.6 kW		
		MXJ-HA2512M	Below 46.4 kW		
MCU Kits		MCU-S4NEE1N	Below 4 indoor units	DVM S	
		MCU-S4NEE2N	Below 4 indoor units		
		MCU-S6NEE1N	Below 6 indoor units		
EEV Kits		MXD-E24K132A	Below 3.6 kW (1 Room) + 5.6 kW ~9.0 kW (1Room)	DVM S	Option
		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	Option
		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)	DVM S	Option
		MEV-E24SA	Below 3.6 kW (1 Room)		
		MEV-E32SA	5.6 kW ~ 9.0 kW (1Room)		

Accessories for DVM S

Memo

Classification	Image	Model	Description	Relevant Unit	Remark
Drain Pump		MDP-E075SEE3D	Slim Duct (2.0 ~ 14.0 kW)	DVM S	Option
		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 (11.2~14.0 kW)		
		MDP-M075SGU3D	M.S.P Duct (5.6/7.1 kW)		
		MDP-N047SNC1D	H.S.P Duct (22.4 / 28.0 kW), Fresh Air Intake Duct (22.4 / 28.0 kW)		
PDM Kits (High Elevation Kits)		MXD-A38K2A	DVM Series (8~12 HP)	DVM S	Option
		MXD-A12K2A	DVM Series (14~16 HP)		
		MXD-A58K2A	DVM Series (18~22 HP)		
AHU Kits		MXD-K025AN	7.0 ~ 8.75 kW AHU	DVM S	Option
		MXD-K050AN	14.0 ~ 17.5 kW AHU		
		MXD-K075AN	21.0 ~ 26.25 kW AHU		
		MXD-K100AN	28.0 ~ 35.0 kW AHU		
Humidifier		MVO-VA050100	ERV Plus (500 CMM)	DVM S	Option
		MVO-VA100100	ERV Plus (1,000 CMM)		
Front Panel		PC4NUSKAN	4Way Cassette S - Waffle	DVM S	Requisite
		PC4NUSKEN	4Way Cassette S - Classic		
		PC4NBSKAN	4Way Cassette S - Black		
		PC4SUSMAN	Mini 4Way Cassette S		
		PC4SUSMEN	Mini 4Way Cassette S		
		PC1NUSMAN	Slim 1Way Cassette		
		PC1NUPMA	Slim 1Way Cassette		
		PC2NUSMEN	2Way Cassette		
Virus Doctor		MSD-CAN1	4Way Cassette S	DVM S	Option
		MSD-EAN1	ERV, ERV Plus		
Motion Detect Sensor		MCR-SMA	Mini 4Way Cassette S	DVM S	Option

2013 SAMSUNG SYSTEM AIR CONDITIONER