

<http://alphaclima.gr/store/shop/samsung-ehs-dvm-split-16kw-am160fnbfeb-am050fxmdeh/>

DVM System

FJM System

CAC System

Control System

Eco Heating System

DVM Lineup - Outdoor Units

DVM S HP / HR				SINGLE																								
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		
COMPACT MODULE		AM080FXVAGH	8 HP	1																								
		AM100FXVAGH	10 HP		1																							
		AM120FXVAGH	12 HP			1							2	1	1	1	1	1						2	1	1	1	
		AM140FXVAGH	14 HP				1							1					1						1			
		AM160FXVAGH	16 HP					1							1					1							1	
		AM180FXVAGH	18 HP							1						1												1
		AM200FXVAGH	20 HP								1						1				2	1						
		AM220FXVAGH	22 HP									1						1	1	1			1	2	1	1	1	1
HIGH EFFICIENCY MODULE		RD080HHXGB (RD080HRXGB)	8 HP	1							1																	
		RD100HHXGB (RD100HRXGB)	10 HP		1					1	2							1	2	1								
		RD120HHXGB (RD120HRXGB)	12 HP			1								1	1					1	2	1	1					
		RD140HHXGB (RD140HRXGB)	14 HP				1					1			1								1			1		
		RD160HHXGB (RD160HRXGB)	16 HP					1								1	1	2	1	1	1	1	1	1	2	2	3	

* If you wish to install outdoor unit module with capacity over 60 HP, please contact local Samsung Dealer.

DVM Lineup - Outdoor Units

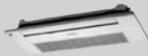
DVM S HP / HR				MODULE														
IMAGE	MODEL	CAPACITY		54	56	58	60	62	64	66	68		70	72	74	76	78	80
 COMPACT MODULE 	AM080FXVAGH	8 HP																
	AM100FXVAGH	10 HP																
	AM120FXVAGH	12 HP	1	1							2		1	1	1	1	1	
	AM140FXVAGH	14 HP			1								1					1
	AM160FXVAGH	16 HP				1								1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

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

DVM Lineup & Feature - Indoor Units

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	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	 Anti-virus 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	 S-Plasma ion		
	 Full HD Filter		
	 Deodorizing Filter	●	●
	 Catechin Filter		
	 good sleep	●	●
	 Turbo Cooling		

Console & Ceiling

MODEL			
CAPACITY	2.8	●	
	3.6	●	
	5.6	●	●
	7.1		●
FEATURES	 S-Plasma ion	●	
	 Interior Design	●	●
	 Anti-virus Filter	●	●
	 Lightweight Unit	●	●
	 Flexible Pipe Installation	●	●

Concealed

MODEL			
CAPACITY	3.6	●	●
	5.6	●	●
	7.1	●	●

DVM Lineup - ERV

Model \ Air Volume (m³/hr)	250	350	500	800	1000
ERV PLUS			 RHF050KHEA		 RHF100KHEA
ERV	 RHF025EE	 RHF035EE	 RHF050EE	 RHF080EE	 RHF100EE

DVM Feature - ERV

	 ERV PLUS	 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	•	•
S-Plasma ion (Optional)	•	•



DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name		DVM S HP	AM080FXVAGH/EU	AM100FXVAGH/EU	AM120FXVAGH/EU	AM140FXVAGH/EU	AM160FXVAGH/EU	AM180FXVAGH/EU	
Power Supply		Φ, #, V, Hz	3,4,380-415,50		3,4,380-415,50		3,4,380-415,50		
Mode			HP / HR		HP / HR		HP / HR		
Performance	Capacity (Nominal)	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	
	Cooling	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	
Heating	Btu/h	86,000	107,500	129,000	153,500	170,600	193,500		
	kW	25.00	31.00	36.60	44.60	49.60	56.00		
Power	Power Input (Nominal)	Cooling 1)	5.00	6.80	8.40	8.90	11.00	12.88	
		Heating 2)	5.10	6.70	8.70	9.50	11.50	11.90	
	Current Input (Nominal)	Cooling 1)	8.00	10.90	13.50	14.30	17.60	20.70	
		Heating 2)	8.20	10.70	14.00	15.20	18.40	19.10	
	MCA		22.50 (MCA)	29.90 (MCA)	31.30 (MCA)	31.30 (MCA)	40.00 (MCA)	48.90 (MCA)	
	MFA		30.00	40.00	40.00	40.00	40.00	50.00	
COP	Nominal Cooling 1)	-	4.48	4.12	4.00	4.49	4.09	3.91	
	Nominal Heating 2)	-	4.94	4.70	4.34	4.74	4.35	4.76	
Compressor	Type	-	SSC Scroll x 1		SSC Scroll x 1		SSC Scroll x 2		
	Output	kW x n	(4.96)		(6.13)		(4.96x2)		
	Model Name	-	DS-GB052FAVASG x 1		DS-GB066FAVASG x 1		DS-GB066FAVASG x 2		
Oil	Type	-	PVE		PVE		PVE		
	Initial Charge	cc	2300		2300		4600		
Fan	Type	-	Propeller		Propeller		Propeller		
	Output x n	W	400 x 1		400 x 1		620 x 2		
	Air Flow Rate	CMM	145		190		260		
	External Static Pressure	Max.	l/s	2,416.67		3,166.67		4,333.33	
mmAq			8.00		8.00		8.00		
Piping Connections	Liquid Pipe	Φ, mm	9.52		12.70		12.70		
		Φ, inch	3/8"		1/2"		1/2"		
	Gas Pipe	Φ, mm	19.05		22.23		28.58		
		Φ, inch	3/4"		7/8"		1 1/8"		
	Discharge Gas Pipe (HR)	Φ, mm	15.88		19.05		22.23		
		Φ, inch	5/8"		3/4"		7/8"		
	Oil Equalizing Pipe	Φ, mm	-		-		-		
		Φ, inch	-		-		-		
	Installation Limitation	Max. Length	m	200(220)		200(220)		200(220)	
		Max. Height	m	110(40)		110(40)		110(40)	
Field Wiring	Power Source Wire	mm ²	-		-		-		
	Transmission Cable	mm ²	0.75 ~ 1.5		0.75 ~ 1.5		0.75 ~ 1.5		
Refrigerant	Type	-	R410A		R410A		R410A		
	Factory Charging	kg	5.50		5.50		7.40		
Sound	Sound Pressure	dB(A)	57.0 / 77.0		58.0 / 79.0		62.0 / 81.0		
	Sound Power		-		-		-		
External Dimension	Net Weight	DVM S HP	190.0		190.0		235.0		
		DVM S HR	195.0		195.0		241.0		
	Shipping Weight	DVM S HP	206.0		206.0		254.0		
		DVM S HR	211.0		211.0		260.0		
Net Dimensions (WxHxD)	mm	880 x 1,695 x 765		880 x 1,695 x 765		1,295 x 1,695 x 765			
	mm	948 x 1,857 x 832		948 x 1,857 x 832		1,363 x 1,857 x 832			
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0		-5.0 ~ 48.0		-5.0 ~ 48.0		
	Heating	°C	-20.0 ~ 24.0		-20.0 ~ 24.0		-20.0 ~ 24.0		

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

DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name		DVM S HP	AM200FXVAGH/EU	AM220FXVAGH/EU	AM240FXVAGH/EU	AM260FXVAGH/EU	AM280FXVAGH/EU	AM300FXVAGH/EU
Power Supply		DVM S HR	AM200FXVAGR/EU	AM220FXVAGR/EU	AM240FXVAGR/EU	AM260FXVAGR/EU	AM280FXVAGR/EU	AM300FXVAGR/EU
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	Capacity (Nominal)	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
	Cooling	Btu/h	191,100	210,200	229,300	251,100	268,200	286,600
		kW	63.00	69.30	75.60	82.80	87.80	94.50
Heating	Btu/h	215,000	236,500	258,000	282,500	299,600	322,400	
	kW	63.00	69.30	75.60	82.80	87.80	94.50	
Power	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
	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)	-	-	-	-
	MFA		75.00	75.00	-	-	-	-
COP	Nominal Cooling 1)	-	3.69	3.55	4.00	4.25	4.05	3.95
	Nominal Heating 2)	-	4.53	4.15	4.34	4.55	4.35	4.59
Compressor	Type	-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3
	Output	kW x n	(6.13x2)	(6.13x2)	(6.13)x2	(6.13) + (6.13)	(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
Fan	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
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00	8.00
Piping Connections	Liquid Pipe	Φ, mm	15.88	15.88	15.88	19.05	19.05	19.05
		Φ, inch	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"
	Gas Pipe	Φ, mm	28.58	28.58	28.58	34.93	34.93	34.93
		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"
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-
		Φ, inch	-	-	-	-	-	-
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)	
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	8.40	8.40	11.00	13.20	12.90	
Sound	Sound Pressure	dB(A)	65.0 / 87.0	65.0 / 87.0	-	-	-	
	Sound Power	-	-	-	-	-	-	
External Dimension	Net Weight	DVM S HP	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	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	
	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	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

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

DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name		DVM S HP	AM320FXVAGH/EU	AM340FXVAGH/EU	AM360FXVAGH/EU	AM380FXVAGH/EU	AM400FXVAGH/EU	AM420FXVAGH/EU
Power Supply		DVM S HR	AM320FXVAGR/EU	AM340FXVAGR/EU	AM360FXVAGR/EU	AM380FXVAGR/EU	AM400FXVAGR/EU	AM420FXVAGR/EU
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	Capacity (Nominal)	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
	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
Heating	Btu/h	343,900	365,400	390,000	407,100	429,900	451,400	
	kW	100.80	107.10	114.30	119.30	126.00	132.30	
Power	Power Input (Nominal)	Cooling 1)	23.59	25.75	26.25	28.35	30.38	32.54
		Heating 2)	22.60	25.40	26.20	28.20	27.80	30.60
	Current Input (Nominal)	Cooling 1)	37.90	41.30	42.10	45.40	48.80	52.20
		Heating 2)	36.30	40.80	42.00	45.20	44.60	49.10
	MCA	-	-	-	-	-	-	-
	MFA	A	-	-	-	-	-	-
COP	Nominal Cooling 1)	-	3.80	3.70	3.87	3.76	3.69	3.61
	Nominal Heating 2)	-	4.46	4.22	4.36	4.23	4.53	4.32
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
	Initial Charge	cc	6900	6900	6900	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
	External Static Pressure	Max. mmAq	8.00	8.00	8.00	8.00	8.00	8.00
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	19.05	19.05
		Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Gas Pipe	Φ, mm	34.93	34.93	41.30	41.30	41.30	41.30
		Φ, inch	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	Discharge Gas Pipe (HR)	Φ, mm	28.58	28.58	28.58	34.93	34.93	34.93
		Φ, inch	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-
		Φ, inch	-	-	-	-	-	-
Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
	Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
Field Wiring	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
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg	13.90	13.90	16.10	15.80	16.80	16.80
Sound	Sound Pressure	dB(A)	-	-	-	-	-	-
	Sound Power	-	-	-	-	-	-	-
External Dimension	Net Weight	DVM S HP	190.0 + 300.0	190.0 + 300.0	235.0 + 300.0	278.0 + 300.0	300.0 x 2	300.0 x 2
		DVM S HR	195.0 + 306.0	195.0 + 306.0	241.0 + 306.0	284.0 + 306.0	306.0 x 2	306.0 x 2
	Shipping Weight	DVM S HP	206.0 + 319.0	206.0 + 319.0	254.0 + 319.0	297.0 + 319.0	319.0 x 2	319.0 x 2
		DVM S HR	211.0 + 325.0	211.0 + 325.0	260.0 + 325.0	303.0 + 325.0	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	
	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	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

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DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name		DVM S HP	AM440FXVAGH/EU	AM460FXVAGH/EU	AM480FXVAGH/EU	AM500FXVAGH/EU	AM520FXVAGH/EU	AM540FXVAGH/EU	
Power Supply		DVM S HR	AM440FXVAGR/EU	AM460FXVAGR/EU	AM480FXVAGR/EU	AM500FXVAGR/EU	AM520FXVAGR/EU	AM540FXVAGR/EU	
Power Supply		Φ, #, V, Hz	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	Capacity (Nominal)	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	
	Cooling	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	
Heating	Btu/h	472,900	494,400	519,000	536,000	558,900	580,400		
	kW	34.70	34.15	34.65	36.75	38.63	40.94		
Power	Power Input (Nominal)	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	
	Current Input (Nominal)	Cooling 1)	55.60	54.80	55.60	58.90	62.00	65.70	
		Heating 2)	53.60	54.80	56.00	59.20	59.90	63.10	
	MCA	-	-	-	-	-	-	-	
	MFA	A	-	-	-	-	-	-	
COP	Nominal Cooling 1)	-	3.55	3.77	3.90	3.81	3.77	3.69	
	Nominal Heating 2)	-	4.15	4.25	4.36	4.26	4.39	4.33	
Compressor	Type	-	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5	
	Output	kW x n	(6.13x2)	(6.13x2)	(6.13) + (6.13) + (6.13x2)	(6.13) + (4.96x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	
	Model Name	-	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	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	
	Initial Charge	cc	9200	9200	9200	11500	11500	11500	
Fan	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n	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	400 x 1 + (620 x 2) x 2	
	Air Flow Rate	CMM	295 x 2	190 x 2 + 295	190 + 260 + 295	190 + 260 + 295	190 + 270 + 295	190 + 275 + 295	
	External Static Pressure	Max. mmAq	8.00	8.00	8.00	8.00	8.00	8.00	
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	22.23	22.23	22.23	
		Φ, inch	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	
	Gas Pipe	Φ, mm	41.30	41.30	41.30	41.30	41.30	41.30	
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
	Discharge Gas Pipe (HR)	Φ, mm	34.93	34.93	34.93	34.93	34.93	34.93	
		Φ, inch	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
		Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
Field Wiring	Power Source Wire	mm ²	-	-	-	-	-	-	
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	16.80	19.40	21.60	21.30	22.60	22.30	
Sound	Sound Pressure	dB(A)	-	-	-	-	-	-	
	Sound Power	-	-	-	-	-	-	-	
External Dimension	Net Weight	DVM S HP	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	
	Net Dimensions (WxHxD)	mm	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	
Shipping Dimensions (WxHxD)	mm	(1,363 x 1,857 x 832) x 2	(948 x 1,857 x 832) x 2 + 1,363 x 1,857 x 832	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	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2		
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

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DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name		DVM S HP	AM560FXVAGH/EU	AM580FXVAGH/EU	AM600FXVAGH/EU	AM620FXVAGH/EU	AM640FXVAGH/EU	AM660FXVAGH/EU
Power Supply		DVM S HR	AM560FXVAGR/EU	AM580FXVAGR/EU	AM600FXVAGR/EU	AM620FXVAGR/EU	AM640FXVAGR/EU	AM660FXVAGR/EU
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	Capacity (Nominal)	HP	56.00	58.00	60.00	62.00	64.00	66.00
		kW	156.80	163.20	168.20	173.60	179.20	184.80
	Cooling	Btu/h	535,000	556,900	573,900	592,300	611,500	630,600
		kW	176.40	183.60	188.60	195.30	201.60	207.90
Heating	Btu/h	601,900	626,500	643,500	666,400	687,900	709,400	
	kW	43.10	43.60	45.70	47.73	49.89	52.05	
Power	Power Input (Nominal)	Cooling 1)	42.10	42.90	44.90	44.50	47.30	50.10
		Heating 2)	69.10	69.90	73.20	76.60	80.00	83.40
	Current Input (Nominal)	Cooling 1)	67.60	68.80	72.00	71.40	75.90	80.40
		Heating 2)	-	-	-	-	-	-
	MCA	-	-	-	-	-	-	-
	MFA	-	-	-	-	-	-	-
COP	Nominal Cooling 1)	-	3.64	3.74	3.68	3.64	3.59	3.55
	Nominal Heating 2)	-	4.19	4.28	4.20	4.39	4.26	4.15
Compressor	Type	-	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
	Output	kW x n	(6.13) + (6.13x2)x2	(6.13) + (6.13x2)x2	(4.96x2) + (6.13x2)x2	(6.13x2)x2 + (6.13x2)	(6.13x2) + (6.13x2)x2	(6.13x2)x3
	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
Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE
	Initial Charge	cc	11500	11500	13800	13800	13800	13800
Fan	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n	W	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
	Air Flow Rate	CMM	190 + 295 x 2	260 + 295 x 2	260 + 295 x 2	275 x 2 + 295	275 + 295 x 2	295 x 3
		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 x 2 + 4,916.67	4,583.33 + 4,916.67 x 2	4,916.67 x 3
External Static Pressure	mmAq	Max.	8.00	8.00	8.00	8.00	8.00	8.00
	Pa		78.45	78.45	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe	Φ, mm	22.23	22.23	22.23	22.23	22.23	22.23
		Φ, inch	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
	Gas Pipe	Φ, mm	41.30	41.30	41.30	53.98	53.98	53.98
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	2 1/8"	2 1/8"	2 1/8"
	Discharge Gas Pipe (HR)	Φ, mm	34.93	34.93	34.93	41.30	41.30	41.30
		Φ, inch	1 3/8"	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	-
		Φ, inch	-	-	-	-	-	-
Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
	Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
Field Wiring	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
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg	22.30	24.50	24.20	25.20	25.20	25.20
Sound	Sound Pressure	dB(A)	-	-	-	-	-	-
	Sound Power	-	-	-	-	-	-	-
External Dimension	Net Weight	DVM S HP	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
		DVM S HR	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
	Shipping Weight	DVM S HP	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
		DVM S HR	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
Net Dimensions (WxHxD)	mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	
	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	
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

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DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name		DVM S HP	AM680FXVAGH/EU	AM700FXVAGH/EU	AM720FXVAGH/EU	AM740FXVAGH/EU	AM760FXVAGH/EU	AM780FXVAGH/EU	AM800FXVAGH/EU	
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	
Mode		Φ, #, V, Hz	3,4,380-415,50		3,4,380-415,50		3,4,380-415,50		3,4,380-415,50	
Performance	HP	HP / HR	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	
	Capacity (Nominal)	Cooling	Btu/h	649,700	671,500	688,600	707,000	726,100	745,200	767,000
		Heating	kW	214.20	221.40	226.40	233.10	239.40	245.70	252.90
Power	Power Input (Nominal)	Cooling 1)	kW	51.50	52.00	54.10	55.98	58.29	60.45	
		Heating 2)	kW	50.80	51.60	53.60	54.00	56.00	58.80	
	Current Input (Nominal)	Cooling 1)	A	82.60	83.40	86.70	89.80	93.50	96.90	
		Heating 2)	A	81.60	82.80	86.00	86.70	89.90	94.40	
	MCA	-	-	-	-	-	-	-	-	
	MFA	A	-	-	-	-	-	-	-	
COP	Nominal Cooling 1)	-	3.70	3.78	3.73	3.70	3.65	3.61	3.69	
	Nominal Heating 2)	-	4.22	4.29	4.22	4.32	4.28	4.18	4.24	
Compressor	Type	-	SSC Scroll x 6		SSC Scroll x 7		SSC Scroll x 7		SSC Scroll x 7	
	Output	kW x n	(6.13)x2 + (6.13x2)x2		(6.13) + (4.96x2) + (6.13x2)x2		(6.13) + (6.13x2) + (6.13x2)x2		(6.13) + (6.13x2)x3	
	Model Name	-	DS-GB066FAVASG x 6		DS-GB066FAVASG x 5 + DS-GB052FAVASG x 2		DS-GB066FAVASG x 7		DS-GB066FAVASG x 7	
Oil	Type	-	PVE		PVE		PVE		PVE	
	Initial Charge	cc	13800		16100		16100		16100	
Fan	Type	-	Propeller		Propeller		Propeller		Propeller	
	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	
	Air Flow Rate	CMM	190 x 2 + 295 x 2		190 + 260 + 295 x 2		190 + 270 + 295 x 2		190 + 275 + 295 x 2	
	External Static Pressure	Max. mmAq	8.00		8.00		8.00		8.00	
Piping Connections	Liquid Pipe	Φ, mm	22.23		22.23		22.23		22.23	
		Φ, inch	7/8"		7/8"		7/8"		7/8"	
	Gas Pipe	Φ, mm	53.98		53.98		53.98		53.98	
		Φ, inch	2 1/8"		2 1/8"		2 1/8"		2 1/8"	
	Discharge Gas Pipe (HR)	Φ, mm	41.30		41.30		41.30		41.30	
		Φ, inch	1 5/8"		1 5/8"		1 5/8"		1 5/8"	
	Oil Equalizing Pipe	Φ, mm	-		-		-		-	
		Φ, inch	-		-		-		-	
Installation Limitation	Max. Length	m	200(220)		200(220)		200(220)		200(220)	
	Max. Height	m	110(40)		110(40)		110(40)		110(40)	
Field Wiring	Power Source Wire	mm2	-		-		-		-	
	Transmission Cable	mm2	0.75 ~ 1.5		0.75 ~ 1.5		0.75 ~ 1.5		0.75 ~ 1.5	
Refrigerant	Type	-	R410A		R410A		R410A		R410A	
	Factory Charging	kg	27.80		30.00		31.00		30.70	
Sound	Sound Pressure	dB(A)	-		-		-		-	
	Sound Power	dB(A)	-		-		-		-	
External Dimension	Net Weight	DVM S HP	190.0 x 2 + 300.0 x 2		190.0 + 235.0 + 300.0 x 2		190.0 + 300.0 x 3		190.0 + 300.0 x 3	
		DVM S HR	195.0 x 2 + 306.0 x 2		195.0 + 241.0 + 306.0 x 2		195.0 + 306.0 x 3		195.0 + 306.0 x 3	
	Shipping Weight	DVM S HP	206.0 x 2 + 319.0 x 2		206.0 + 254.0 + 319.0 x 2		206.0 + 319.0 x 3		206.0 + 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 + 325.0 x 3		211.0 + 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		
	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		
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0		-5.0 ~ 48.0		-5.0 ~ 48.0		-5.0 ~ 48.0	
	Heating	°C	-20.0 ~ 24.0		-20.0 ~ 24.0		-20.0 ~ 24.0		-20.0 ~ 24.0	

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DVM Specification - Outdoor Units



DVM S Mini
DIGITAL VARIABLE MULTI

Model Name	AM040FXMDEH/EU	AM050FXMDEH/EU	AM060FXMDEH/EU	AM040FXMDGH/EU	AM050FXMDGH/EU	AM060FXMDGH/EU
Power Supply	Φ, #, V, Hz					
Mode	-					
Performance	HP	HP				
	Capacity (Nominal)	Cooling	Btu/h			
		Heating	kW			
			Btu/h			
Power	Current Input (Nominal)	Cooling	A			
		Heating				
	Power Input (Nominal)	Cooling	kW			
		Heating				
	Circuit Breaker (MCCB+ELB / ELCB)	A				
COP	Nominal Cooling	-				
	Nominal Heating	-				
Fan	Air Flow Rate	CMM				
	Liquid Pipe	Φ, mm				
Piping Connections	Gas Pipe	Φ, mm				
	Installation Limitation	Max. Length	m			
		Max. Height	m			
Refrigerant	Type	-				
	Factory Charging	kg				
Sound ^①	Sound Pressure	dB(A)				
	Net Weight	kg				
External Dimension	Shipping Weight	kg				
	Net Dimensions (WxHxD)	mm				
	Shipping Dimensions (WxHxD)	mm				
Operating Temp. Range	Cooling	°C				
	Heating	°C				

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DVM Specification - Indoor Units



DVM S Hydro

- High Efficiency
- Large Capacity
- Advanced and Reliable Protection
- Easy Installation & Maintenance
- Eco-friendly
- Comfortable Operation
- Premium Quality Control Heat Recovery

Model Name	DVM S HP	AM160FNBDEH/EU	AM320FNBDEH/EU	AM500FNBDEH/EU	AM160FNBFEH/EU	AM250FNBFEH/EU	AM250FNBFGH/EU
Power Supply	φ, #, V, Hz						
Mode	-						
Performance	HP	HP					
	Capacity (Nominal)	Cooling	kW				
		Btu/h					
	Heating	kW					
Btu/h							
Power	Power Input (Nominal)	Cooling	kW				
	Current Input (Nominal)	Heating					
		Cooling	A				
	Heating	A					
COP	Circuit Breaker (MCCB+ELB / ELCB)	A					
	Nominal Cooling	-					
Fan	Nominal Heating	-					
	Air Flow Rate	CMM					
Piping Connections	Liquid Pipe	φ, mm					
	Gas Pipe	φ, mm					
	Discharge Gas Pipe	(DVM PLUS IV HR)	φ, mm				
	Oil Equalizing Pipe	φ, mm					
	Installation Limitation	Max. Length	m				
		Max. Height	m				
Refrigerant	Type	-					
	Factory Charging	kg					
Sound	Sound Pressure	dB(A)					
External Dimension	Net Weight	DVM PLUS IV HP	kg				
		DVM PLUS IV HR					
	Shipping Weight	DVM PLUS IV HP	kg				
		DVM PLUS IV HR					
		Net Dimensions (WxHxD)	mm				
Shipping Dimensions (WxHxD)	mm						
Operating Temp. Range	Cooling	°C					
	Heating	°C					

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* If you wish to install an outdoor unit module with a capacity of over 60 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 Specification - Indoor Units



DVM EHS

DIGITAL VARIABLE MULTI

- High Efficiency
- Large Capacity
- Advanced and Reliable Protection
- Easy Installation & Maintenance
- Eco-friendly
- Comfortable Operation
- Premium Quality Control Heat Recovery

DVM EHS				
Model Name	DVM S WATER HP	ADN160BDEHA/EU	ADN320BDEHA/EU	
Power Supply	φ, #, V, Hz			
Mode	-			
Performance	HP	HP		
	Capacity (Nominal)	Cooling kW Btu/h		
		Heating kW Btu/h		
Power	Power Input (Nominal)	Cooling kW		
		Heating		
	Current Input (Nominal)	Cooling A		
		Heating		
	Circuit Breaker (MCCB+ELB / ELCB)	A		
COP	Nominal Cooling	-		
	Nominal Heating	-		
Fan	Air Flow Rate	CMM		
Piping Connections	Liquid Pipe	φ, mm		
	Gas Pipe	φ, mm		
	Discharge Gas Pipe	(DVM PLUS IV HR) φ, mm		
	Oil Equalizing Pipe	φ, mm		
	Installation Limitation	Max. Length	m	
		Max. Height	m	
Refrigerant	Type	-		
	Factory Charging	kg		
Sound	Sound Pressure	dB(A)		
External Dimension	Net Weight	DVM PLUS IV HP	kg	
		DVM PLUS IV HR		
	Shipping Weight	DVM PLUS IV HP	kg	
		DVM PLUS IV HR		
	Net Dimensions (WxHxD)	mm		
Shipping Dimensions (WxHxD)	mm			
Operating Temp. Range	Cooling	°C		
	Heating	°C		

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DVM Specification - Indoor Units



4Way Cassette S

- S-Plasma ion (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



Model		AM045FN4DEH/EU	AM056FN4DEH/EU	AM071FN4DEH/EU	AM090FN4DEH/EU	AM112FN4DEH/EU	AM128FN4DEH/EU	AM140FN4DEH/EU		
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		
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
			W	32.00	32.00	45.00	62.00	78.00	73.00	89.00
	Current Input (Nominal)	Cooling	A	0.15	0.15	0.21	0.30	0.36	0.36	0.45
			A	0.15	0.15	0.21	0.30	0.36	0.36	0.45
Fan	Motor	Type		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
External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	9.52	9.52	9.52	9.52	9.52	
		Φ, inch	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	
	Gas Pipe	Φ, mm	12.70	12.70	15.88	15.88	15.88	15.88	15.88	
		Φ, inch	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
Field Wiring	Power Source Wire	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	
		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	
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	34.0/32.0/29.0	34.0/32.0/30.0	36.0/32.0/30.0	39.0/35.0/32.0	39.0/36.0/32.0	41.0/38.0/35.0	45.0/42.0/38.0
			dBA	-	-	-	-	-	-	-
Dimensions	Net Weight		kg	15.10	15.10	15.10	17.00	18.70	18.70	
			kg	19.10	19.10	19.10	20.50	22.80	22.80	
	Shipping Dimensions (WxDHDD)	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	910 x 226 x 910	910 x 226 x 910	910 x 226 x 910	910 x 226 x 910	910 x 268 x 910	910 x 310 x 910	910 x 310 x 910	
Panel Size	Panel Model			PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	
			kg	5.90	5.90	5.90	5.90	5.90	5.90	
	Shipping Dimensions (WxDHDD)	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	
		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	
Additional Accessories	Drain Pump			-	-	-	-	-	-	
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	
	Air Filter			-	-	-	-	-		

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH0*



MWR-SH00



MR-DH00

Panel



PC4NUSKE



Mini 4Way Cassette

- Ideal Compact Size
- Fan Speed Adjustment
- Motion Detect Sensor (Optional)
- Individual Blade Control



High Lift-UP

Model			AM022FNNDEH/EU	AM028FNNDEH/EU	AM036FNNDEH/EU	AM045FNNDEH/EU	AM056FNNDEH/EU	AM060FNNDEH/EU	
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		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		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	
		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	9.80/8.60/7.40	10.60/9.40/8.20	11.40/10.20/9.00	12.20/11.00/9.80	13.40/11.80/10.20	14.20/12.60/11.00
			l/s	163.33/143.33/123.33	176.67/156.67/136.67	190.00/170.00/150.00	203.33/183.33/163.33	223.33/196.67/170.00	236.67/210.00/183.33
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	12.70	12.70	12.70	12.70	12.70	12.70	
		Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	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	34.0/31.0/28.0	35.0/31.0/28.0	37.0/35.0/32.0	39.0/36.0/34.0	41.0/38.0/35.0	42.0/39.0/36.0
			dBA	-	-	-	-	-	-
Dimensions	Net Weight		kg	11.00	11.00	11.00	12.00	12.00	
	Shipping Weight		kg	13.00	13.00	13.00	14.00	14.00	
	Net Dimensions (WxDHDD)		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 (WxDHDD)		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 (WxDHDD)		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 (WxDHDD)			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			-	-	-	-	-	-	

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Optional Accessories



Slim 1Way Cassette



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



Model			AM022FN1DEH/EU	AM028FN1DEH/EU	AM036FN1DEH/EU	
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	
Mode			HP/HR	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60
			Btu/h	7,500	9,600	12,300
	Heating		kW	2.50	3.20	4.00
			Btu/h	8,500	10,900	13,600
Power	Power Input (Nominal)	Cooling	W	40.00	45.00	50.00
				40.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.20	0.23	0.25
				0.20	0.23	0.25
Fan	Motor	Type		Crossflow Fan	Crossflow Fan	Crossflow Fan
			W	23 x 1	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	8.00/7.00/6.00
			l/s	100.00/83.33/66.67	116.67/100.00/83.33	133.33/116.67/100.00
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	12.70	12.70	12.70	
		Φ, inch	1/2"	1/2"	1/2"	
Drain Pipe	Φ, mm	VP20 (OD 26, ID 20)	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	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	30.0/28.0/25.0	30.0/27.0/25.0	32.0/30.0/27.0
	Sound Power	High / Mid / Low	dBA	-	-	-
Dimensions	Net Weight		kg	11.00	11.00	11.00
	Shipping Weight		kg	14.00	14.00	14.00
	Net Dimensions (WCHDD)		mm	970 x 135 x 410	970 x 135 x 410	970 x 135 x 410
	Shipping Dimensions (WCHDD)		mm	1164 x 212 x 478	1164 x 212 x 478	1164 x 212 x 478
Panel Size	Panel Model		-	PC1NUSMAN	PC1NUSMAN	PC1NUSMAN
	Panel Net Weight		kg	-	-	-
	Shipping Weight		kg	-	-	-
	Net Dimensions (WCHDD)		mm	- x - x -	- x - x -	- x - x -
Shipping Dimensions (WCHDD)		mm	- x - x -	- x - x -	- x - x -	
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
				-	-	-
Air Filter				-	-	

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Optional Accessories



2Way Cassette



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



Model			AM056FN2DEH/EU	AM071FN2DEH/EU	
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	
Mode			HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	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
				70.00	75.00
	Current Input (Nominal)	Cooling	A	0.38	0.40
				0.38	0.40
Fan	Motor	Type		Crossflow Fan	Crossflow Fan
			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
External Static Pressure	Min. / Std. / Max.	mmAq	-	-	
		Pa	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	
		Φ, inch	1/4"	3/8"	
	Gas Pipe	Φ, mm	12.70	15.88	
		Φ, inch	1/2"	5/8"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
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
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	36.0/32.0/28.0	38.0/33.0/28.0
	Sound Power	High / Mid / Low	dBA	-	-
Dimensions	Net Weight		kg	21.00	21.00
	Shipping Weight		kg	25.00	25.00
	Net Dimensions (WCHDD)		mm	890 x 230 x 575	890 x 230 x 575
	Shipping Dimensions (WCHDD)		mm	1077 x 299 x 642	1077 x 299 x 642
Panel Size	Panel Model		-	PC2NUSMEN	PC2NUSMEN
	Panel Net Weight		kg	4.00	4.00
	Shipping Weight		kg	8.00	8.00
	Net Dimensions (WCHDD)		mm	1030 x 25 x 650	1030 x 25 x 650
Shipping Dimensions (WCHDD)		mm	1103 x 151 x 727	1103 x 151 x 727	
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-
				-	-
Air Filter				-	

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Optional Accessories



DVM Specification - Indoor Units

HSP Duct



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



Model			AM112FNHDEH/EU	AM128FNHDEH/EU	AM140FNHDEH/EU	AM220FNHDEH/EU	AM280FNHDEH/EU	
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	
		Output	W	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
External Static Pressure	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	
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	19.05	22.23	
		Φ, inch	5/8"	5/8"	5/8"	3/4"	7/8"	
Drain Pipe	Φ, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)		
Field Wiring	Power Source Wire	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	R410A	
	Control Method		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	47.0/45.0/44.0	48.0/47.0/45.0
		Sound Power	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	62.00	70.00	62.00	95.00	
		Shipping Weight	kg	70.00	75.00	70.00	105.00	
	Net Dimensions (WxDHDD)		mm	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	1240 x 470 x 1040	
		Shipping Dimensions (WxDHDD)	mm	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1507 x 558 x 1155	
Panel Size	Panel Model		-	-	-	-	-	
		Panel Net Weight	kg	-	-	-	-	
	Shipping Weight		kg	-	-	-	-	
		Net Dimensions (WxDHDD)	mm	-	-	-	-	
Shipping Dimensions (WxDHDD)	mm	-	-	-	-			
Additional Accessories	Drain Pump	Drain Pump		MDP-M075SGU1D	MDP-M075SGU2D	MDP-M075SGU2D	MDP-N047SNC1D	
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	
Air Filter			-	-	-	-		

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Optional Accessories



DVM Specification - Indoor Units



MSP Duct

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



Model			AM022FNMDEH/EU	AM028FNMDEH/EU	AM036FNMDEH/EU	AM045FNMDEH/EU	AM056FNMDEH/EU	
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	80.00	80.00	85.00	125.00	130.00	
		Heating	80.00	80.00	85.00	125.00	130.00	
	Current Input (Nominal)	Cooling	0.40	0.40	0.55	1.15	1.10	
		Heating	0.40	0.40	0.55	1.15	1.10	
Fan	Motor	Type	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
		Output	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	
		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	
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	1/2"	1/2"	1/2"	1/2"	1/2"	
Drain Pipe	φ, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)		
	φ, mm	15 ~ 2.5	15 ~ 2.5	15 ~ 2.5	15 ~ 2.5	15 ~ 2.5		
Field Wiring	Power Source Wire	Below 20m / Over 20m	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	R410A	
	Control Method		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	29.0/28.0/27.0	31.0/30.0/29.0	32.0/31.0/30.0	36.0/34.0/31.0	37.0/35.0/33.0
		dBA	-	-	-	-		
Dimensions	Net Weight	kg	23.50	23.50	23.50	29.00	31.00	
		kg	28.00	28.00	28.00	33.00	36.00	
	Shipping Dimensions (WxDHxD)	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	
		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		-	-	-	-	-	
		kg	-	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	-	
		mm	-	-	-	-	-	
Shipping Dimensions (WxDHxD)	mm	-	-	-	-	-		
	mm	-	-	-	-	-		
Additional Accessories	Drain Pump		MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-M075SGU3D	MDP-M075SGU3D	
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	
	Air Filter		-	-	-	-		

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Optional Accessories



DVM Specification - Indoor Units



MSP Duct

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



Model			AM071FNMDEH/EU	AM090FNMDEH/EU	AM112FNMDEH/EU	AM128FNMDEH/EU	AM140FNMDEH/EU	
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	190.00	240.00	260.00	370.00	410.00	
		Heating	190.00	240.00	260.00	370.00	410.00	
	Current Input (Nominal)	Cooling	1.25	1.30	1.17	1.67	1.86	
		Heating	1.25	1.30	1.17	1.67	1.86	
Fan	Motor	Type	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
		Output	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	6.00/8.00/12.00	6.00/8.00/14.00	6.00/8.00/14.00	
		Pa	0.00/39.23/78.45	39.23/58.84/78.45	58.84/78.45/117.68	58.84/78.45/137.29	58.84/78.45/137.29	
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	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)		
Field Wiring	Power Source Wire	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	R410A	
	Control Method		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	39.0/37.0/35.0	39.0/37.0/35.0	39.0/37.0/35.0	43.0/41.0/38.0	
		Sound Power	dBA	-	-	-	-	
Dimensions	Net Weight		kg	31.00	35.00	39.00	52.00	
		Shipping Weight	kg	36.00	41.00	46.00	60.00	
	Net Dimensions (WxDHDD)		mm	900 x 260 x 480	1150 x 260 x 480	1150 x 320 x 480	1200 x 360 x 650	
		Shipping Dimensions (WxDHDD)	mm	1170 x 340 x 595	1420 x 400 x 595	1420 x 400 x 595	1455 x 455 x 780	
Panel Size	Panel Model		-	-	-	-	-	
		Panel Net Weight	kg	-	-	-	-	
	Shipping Weight		kg	-	-	-	-	
		Net Dimensions (WxDHDD)	mm	-	-	-	-	
Shipping Dimensions (WxDHDD)		mm	-	-	-	-		
		mm	-	-	-	-		
Additional Accessories	Drain Pump		-	MDP-M075SGU3D	MDP-M075SGU1D	MDP-M075SGU1D	MDP-M075SGU2D	
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	
	Air Filter		-	-	-	-	-	

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Optional Accessories



DVM Specification - Indoor Units

Slim Duct



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



Model				AM022FNLDEH/EU	AM028FNLDEH/EU	AM036FNLDEH/EU	AM045FNLDEH/EU	AM056FNLDEH/EU
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	55.00	60.00	65.00	90.00	95.00
		Heating	W	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	A	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
External Static Pressure	Min. / Std. / Max.	mmAq	0.00/1.00/3.00	0.00/1.00/3.00	0.00/1.00/3.00	0.00/2.00/4.00	0.00/2.00/4.00	
		Pa	0.00/9.81/29.42	0.00/9.81/29.42	0.00/9.81/29.42	0.00/19.61/39.23	0.00/19.61/39.23	
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	1/2"	1/2"	1/2"	1/2"	1/2"	
Drain Pipe	φ, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)		
Field Wiring	Power Source Wire	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	31.0/29.0/26.0	32.0/30.0/27.0	32.0/30.0/27.0	33.0/32.0/30.0	33.0/32.0/30.0
		Sound Power	High / Mid / Low	dBA	-	-	-	-
Dimensions	Net Weight		kg	19.00	19.00	19.50	24.50	24.50
		Shipping Weight	kg	23.00	23.00	23.50	28.50	28.50
	Net Dimensions (WxDHDD)		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
		Shipping Dimensions (WxDHDD)	mm	950 x 280 x 710	950 x 280 x 710	950 x 280 x 710	1150 x 280 x 710	1150 x 280 x 710
Panel Size	Panel Model			-	-	-	-	-
		Panel Net Weight	kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
		Net Dimensions (WxDHDD)	mm	-	-	-	-	-
Shipping Dimensions (WxDHDD)	mm	-	-	-	-	-		
Additional Accessories	Drain Pump			MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter			-	-	-	-	-

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Optional Accessories



DVM Specification - Indoor Units

Slim Duct



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



Model				AM071FNLDEH/EU	AM090FNLDEH/EU	AM112FNLDEH/EU	AM128FNLDEH/EU	AM140FNLDEH/EU
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		120.00	170.00	170.00	200.00	220.00
	Current Input (Nominal)	Cooling	A	0.60	0.96	0.96	1.13	1.24
		Heating		0.60	0.96	0.96	1.13	1.24
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		VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	
Field Wiring	Power Source Wire	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	36.0/34.0/32.0	40.0/38.0/36.0	40.0/38.0/36.0	41.0/40.0/38.0	41.0/40.0/38.0
			dBA	-	-	-	-	-
Dimensions	Net Weight		kg	31.00	43.00	43.00	46.00	46.00
		Shipping Weight	kg	39.00	52.00	52.00	55.00	55.00
	Net Dimensions (WxDHDD)		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 (WxDHDD)	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 (WxDHDD)	mm	-	-	-	-	-
Shipping Dimensions (WxDHDD)	mm	-	-	-	-	-		
Additional Accessories	Drain Pump			MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter			-	-	-	-	-

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Optional Accessories



DVM Specification - Indoor Units

Neo Forte



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



Model			AM022FNTDEH/EU	AM028FNTDEH/EU	AM036FNTDEH/EU	AM056FNTDEH/EU	AM071FNTDEH/EU	
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	25.00	25.00	30.00	45.00	50.00	
		Heating	25.00	25.00	30.00	45.00	50.00	
	Current Input (Nominal)	Cooling	0.16	0.16	0.18	0.27	0.30	
		Heating	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	40 x 1	40 x 1	
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.80/6.80/5.80	8.20/7.20/6.20	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	136.67/120.00/103.33	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"	
Drain Pipe	φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE		
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	R410A	
	Control Method		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	40.0/35.0/30.0	41.0/36.0/30.0
		Sound Power	High / Mid / Low	dBA	-	-	-	-
Dimensions	Net Weight		kg	8.00	8.00	8.00	13.00	
		Shipping Weight	kg	9.00	9.00	9.00	16.00	
	Net Dimensions (WxDHDD)		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
		Shipping Dimensions (WxDHDD)	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-	-	
		Panel Net Weight	kg	-	-	-	-	
		Shipping Weight	kg	-	-	-	-	
		Net Dimensions (WxDHDD)	mm	-	-	-	-	
	Shipping Dimensions (WxDHDD)	mm	-	-	-	-		
Additional Accessories	Drain Pump		-	-	-	-	-	
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	
	Air Filter		-	-	-	-		

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Optional Accessories



Standard Accessories



DVM Specification - Indoor Units

Neo Forte - E



- Clean-cut Front Pane
- Silver Accent Line
- Bottom Opening Front Pane
- Internal EEV



Model				AM022FNQDEH/EU	AM028FNQDEH/EU	AM036FNQDEH/EU	AM045FNQDEH/EU	AM056FNQDEH/EU	AM071FNQDEH/EU
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		25.00	25.00	30.00	40.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.16	0.16	0.18	0.18	0.27	0.30
		Heating		0.16	0.16	0.18	0.18	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	23 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	8.20/7.20/6.20	9.30/8.30/7.30	11.70/10.20/8.70	12.00/10.50/9.00	14.00/12.50/11.00
			l/s	130.00/113.33/96.67	136.67/120.00/103.33	155.00/138.33/121.67	195.00/170.00/145.00	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	6.35	9.52	
		φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	
	Gas Pipe	φ, mm	12.70	12.70	12.70	12.70	12.70	15.88	
		φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"	
Drain Pipe	φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE		
Field Wiring	Power Source Wire	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	R410A	
	Control Method		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	35.0/30.0/26.0	35.0/30.0/26.0	39.0/32.0/26.0	39.0/36.0/33.0	42.0/38.0/33.0	44.0/39.0/33.0
			dBA	-	-	-	-	-	
Dimensions	Net Weight		kg	8.00	8.00	8.00	13.00	13.00	13.00
		Shipping Weight	kg	9.00	9.00	9.00	16.00	16.00	16.00
	Net Dimensions (WxDH)		mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218	1065 x 298 x 218
		Shipping Dimensions (WxDH)	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1137 x 377 x 299	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model			-	-	-	-	-	
		Panel Net Weight	kg	-	-	-	-	-	
	Shipping Weight		kg	-	-	-	-	-	
		Net Dimensions (WxDH)	mm	-	-	-	-	-	
Shipping Dimensions (WxDH)	mm	-	-	-	-	-			
Additional Accessories	Drain Pump			-	-	-	-	-	
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	
Air Filter				-	-	-	-		

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Optional Accessories



Standard Accessories



DVM Specification - Indoor Units



Console

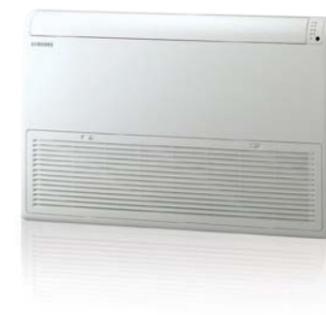
- Slim & Smart Design
- 2Way Air Outlet
- Silent Operation



Model			AM028FNJDEH/EU	AM036FNJDEH/EU	AM056FNJDEH/EU	
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	
Mode			HP/HR	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	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
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	12.70	12.70	12.70	
		Φ, inch	1/2"	1/2"	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
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	38.0/30.0/23.0	39.0/32.0/24.0	44.0/34.0/25.0
	Sound Power	High / Mid / Low	dBA	-	-	-
Dimensions	Net Weight		kg	15.00	15.00	15.00
	Shipping Weight		kg	20.00	20.00	20.00
	Net Dimensions (WCHDD)		mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
	Shipping Dimensions (WCHDD)		mm	810 x 710 x 295	810 x 710 x 295	810 x 710 x 295
Panel Size	Panel Model		-	-	-	
	Panel Net Weight		kg	-	-	-
	Shipping Weight		kg	-	-	-
	Net Dimensions (WCHDD)		mm	-	-	-
Shipping Dimensions (WCHDD)		mm	-	-	-	
Additional Accessories	Drain Pump	Drain Pump		-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-
Air Filter			-	-	-	

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Optional Accessories



Ceiling

- 2Way Installation
- Compact but Powerful



Model			AM056FNCDEH/EU	AM071FNCDEH/EU	
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	
Mode			HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	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	80.00
	Current Input (Nominal)	Cooling	A	0.33	0.35
		Heating	A	0.33	0.35
Fan	Motor	Type		Sirocco Fan	Sirocco Fan
		Output	W	47 x 1	47 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
External Static Pressure	Min. / Std. / Max.	mmAq	-	-	
		Pa	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	
		Φ, inch	1/4"	3/8"	
	Gas Pipe	Φ, mm	12.70	15.88	
		Φ, inch	1/2"	5/8"	
Drain Pipe	Φ, mm	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
			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	38.0/35.0/32.0	41.0/39.0/36.0
	Sound Power	High / Mid / Low	dBA	-	-
Dimensions	Net Weight		kg	22.00	22.00
	Shipping Weight		kg	26.00	26.00
	Net Dimensions (WCHDD)		mm	1000 x 650 x 200	1000 x 650 x 200
	Shipping Dimensions (WCHDD)		mm	1074 x 726 x 294	1074 x 726 x 294
Panel Size	Panel Model		-	-	
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (WCHDD)		mm	-	-
Shipping Dimensions (WCHDD)		mm	-	-	
Additional Accessories	Drain Pump	Drain Pump		-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-
Air Filter			-	-	

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Standard Accessories



DVM Specification - Indoor Units



Concealed

- 2Way Installation
- Compact but Powerful



Model			AM036FNFDEH/EU	AM056FNFDEH/EU	AM071FNFDEH/EU	
Power Supply	φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	
Mode			HP/HR	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	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	-	-	-
		Heating	W	-	-	-
	Current Input (Nominal)	Cooling	A	-	-	-
		Heating	A	-	-	-
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	
		Output	W	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	10.00/-/-	16.50/-/-	16.50/-/-
			l/s	166.67/-/-	275.00/-/-	275.00/-/-
External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	
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"	
	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	
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type		R410A	R410A	R410A	
	Control Method		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	-	-	
	Sound Power	High / Mid / Low	dBA	-	-	
Dimensions	Net Weight		kg	-	-	
	Shipping Weight		kg	-	-	
	Net Dimensions (WxDHDD)		mm	940 x 625 x 220	1185 x 625 x 220	
	Shipping Dimensions (WxDHDD)		mm	-	-	
Panel Size	Panel Model		-	-	-	
	Panel Net Weight		kg	-	-	
	Shipping Weight		kg	-	-	
	Net Dimensions (WxDHDD)		mm	-	-	
	Shipping Dimensions (WxDHDD)		mm	-	-	
Additional Accessories	Drain Pump	Drain Pump	-	-	-	
		Max. Lifting Height / Displacement	mm / liter/h	-	-	
	Air Filter		-	-	-	

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Optional Accessories



Standard Accessories



DVM Specification - Indoor Units



Concealed (DVM Plus IV)

- 2Way Installation
- Compact but Powerful



Model		AM036FBFDEH/EU	AM056FBFDEH/EU	AM071FBFDEH/EU
Power Supply	Φ, #, V, Hz			
Mode				
Performance	Capacity (Nominal)	Cooling		
		Heating		
Power	Power Input (Nominal)	Cooling		
		Heating		
Fan	Air Flow Rate	High / Mid / Low (UL)		
		External Static Pressure	Min. / Std. / Max.	
Piping Connections	Liquid Pipe	Φ, mm		
		Φ, inch		
Field Wiring	Power Source Wire	Below 20m / Over 20m		
		Transmission Cable		
Sound	Sound Pressure	High / Mid / Low		
		Sound Power		
Dimensions	Net Weight			
		Shipping Weight		
Panel Size	Panel Net Weight			
		Shipping Weight		
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement		
		Air Filter		

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Optional Accessories



Standard Accessories



DVM Specification - ERV



ERV PLUS

- Damper
- Humidifier element (Optional)
- Dust Filter
- Control Box
- CO₂ Sensor (Optional)
- Energy Saving Operation (Auto Mode)
- Slim Design
- S-Plasma ion (Optional)
- Direct Expansion (DX) Coil
- Supply/Exhaust Fan
- Heat Exchanger Element
- Temperature Sensor
- BLDC Fan Motor
- New Diamond Type Element
- Silent Operation

Model		AM050FNKDEH/EU	AM100FNKDEH/EU
Power Supply	Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
Mode		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	
		Heating	
Power	Power Input (Nominal)	Cooling	
		Heating	
Fan	Air Flow Rate	High / Mid / Low (UL)	
		External Static Pressure	Min. / Std. / Max.
Piping Connections	Liquid Pipe	Φ, mm	
		Φ, inch	
Field Wiring	Power Source Wire	Below 20m / Over 20m	
		Transmission Cable	
Sound	Sound Pressure	High / Mid / Low	
		Sound Power	
Dimensions	Net Weight		
		Shipping Weight	
Panel Size	Panel Net Weight		
		Shipping Weight	
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	
		Air Filter	

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Optional Accessories



FJM Lineup - Outdoor Units

FREE JOINT MULTI

4kW

5kW

5.2kW



6.8kW

7kW

8kW

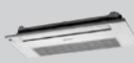


10kW



FJM Lineup & Feature - Indoor Units

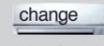
Cassette

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	 Anti-virus 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	 S-Plasma ion	●	●	●	●		
	 Full HD Filter	●	●	●	●		
	 DNA Filter						
	 Deodorizing Filter				●	●	●
	 Catechin Filter				●		
	 Smart Inverter	●	●	●	●	●	●
	 Smart Saver		●	●	●		
	 d'light Cool	●			●		
	 good'sleep	●	●	●	●	●	●
	 Wide Twin Blade	●					
	 3D Wind	●					
	 Turbo Cooling	●	●	●	●		

Console

MODEL		
		Console
CAPACITY	2.6	●
	3.5	●
	5.2	●
FEATURES	 S-Plasma ion	●
	 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/EU		AJ050FCJ2EH/EU		AJ052FCJ3EH/EU		AJ068FCJ3EH/EU				
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		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP			
Performance	HP	HP	1.50		1.80		2.00		2.50		
		kW	4.00		5.00		5.20		6.80		
	Capacity (Nominal)	Cooling	Btu/h	13,600		17,100		17,700		23,200	
		Heating	Btu/h	4,400		5,700		6,300		8,000	
Power	Power Input (Nominal)	Cooling 1)	kW	1.02		1.32		1.35		2.00	
		Heating 2)	kW	0.99		1.35		1.40		1.91	
	Current Input (Nominal)	Cooling 1)	A	4.70		6.00		6.20		9.20	
		Heating 2)	A	4.50		6.20		6.40		8.70	
	MCA	A	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 1)	-	3.92		3.79		3.85		3.40		
	Nominal Heating 2)	-	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		UG4T200FJAE4SS x 1		UG4T200FJAE4SS 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		
Piping Connections	External Static Pressure	Max.	mmAq	-		-		-		-	
		Pa	mm	-		-		-		-	
	Liquid Pipe	Φ, mm	6.35 x 2		6.35 x 2		6.35 x 3		6.35 x 3		
		Φ, inch	1/4" x 2		1/4" x 2		1/4" x 3		1/4" x 3		
	Gas Pipe	Φ, mm	9.52 x 2		9.52 + 12.70		9.52 x 2 + 12.70		9.52 x 2 + 12.70		
		Φ, inch	3/8" x 2		3/8" + 1/2"		3/8" x 2 + 1/2"		3/8" + 1/2" x 2		
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	20(25)		20(25)		20(25)		20(25)		
		Φ, inch	15(15)		15(15)		15(15)		15(15)		
	Oil Equalizing Pipe	Φ, mm	2.5 ~ 2.5		2.5 ~ 2.5		2.5 ~ 2.5		2.5 ~ 2.5		
		Φ, inch	0.75 ~ 1.0		0.75 ~ 1.0		0.75 ~ 1.0		0.75 ~ 1.0		
Installation Limitation	Max. Length	m	R410A		R410A		R410A		R410A		
	Max. Height	m	1.30		1.60		2.20		2.20		
Field Wiring	Power Source Wire	mm ²	61.0		61.0		61.0		63.0		
	Transmission Cable	mm ²	-		-		-		-		
Refrigerant	Type	-	37.0		40.0		49.0		57.0		
	Factory Charging	kg	40.0		43.0		53.0		61.0		
Sound	Sound Pressure	dB(A)	790 x 545 x 285		790 x 545 x 285		880 x 638 x 310		880 x 798 x 310		
	Sound Power	dB(A)	926 x 599 x 382		926 x 599 x 382		1,053 x 695 x 413		1,023 x 889 x 413		
External Dimension	Net Weight	DVM PLUS IV HP	kg	-5.0 ~ 46.0		-5.0 ~ 46.0		-5.0 ~ 46.0		-5.0 ~ 46.0	
		DVM PLUS IV HR	kg	-15.0 ~ 24.0		-15.0 ~ 24.0		-15.0 ~ 24.0		-15.0 ~ 24.0	
	Shipping Weight	DVM PLUS IV HP	kg	206.0		206.0		254.0		319.0	
		DVM PLUS IV HR	kg	211.0		211.0		260.0		325.0	
Net Dimensions (WxHxD)	mm	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			
	mm	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			
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0		-5.0 ~ 48.0		-5.0 ~ 48.0		-5.0 ~ 48.0		
	Heating	°C	-20.0 ~ 24.0		-20.0 ~ 24.0		-20.0 ~ 24.0		-20.0 ~ 24.0		

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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/EU		AJ080FCJ4EH/EU		AJ100FCJ5EH/EU	
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			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	Capacity (Nominal)	HP	2.50	3.00	3.50	3.00	3.50
		Cooling	kW	7.00	8.00	10.00	10.00
	Heating	Btu/h	23,900	27,300	34,100	34,100	
		kW	8.60	9.30	12.00	12.00	
Power	Power Input (Nominal)	Cooling 1)	1.90	2.30	2.90	2.90	
		Heating 2)	2.00	2.20	2.93	2.93	
	Current Input (Nominal)	Cooling 1)	8.70	10.50	13.30	13.30	
		Heating 2)	9.20	10.10	13.40	13.40	
	MCA	18.68 (MCA)	18.68 (MCA)	26.12 (MCA)	26.12 (MCA)		
	MFA	20.75	20.75	28.75	28.75		
COP	Nominal Cooling 1)	-	3.68	3.48	3.45	3.45	
	Nominal Heating 2)	-	4.30	4.23	4.10	4.10	
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	(7.77)	(7.77)	(11.37)	(11.37)	
	Model Name	-	G8T260FUAEW-SS x 1	G8T260FUAEW-SS x 1	UG8T300FUBJUSG x 1	UG8T300FUBJUSG x 1	
	Oil	Type	-	POE	POE	POE	
	Initial Charge	cc	700	700	1200	1200	
Fan	Type	-	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	
	Output x n	W	124 x 1	124 x 1	150 x 1	150 x 1	
	Air Flow Rate	CMM	46	47	71	71	
		l/s	770.00	781.67	1,176.67	1,176.67	
External Static Pressure	Max.	mmAq	-	-	-	-	
	Pa	-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 4	6.35 x 4	6.35 x 5	6.35 x 5	
		Φ, inch	1/4" x 4	1/4" x 4	1/4" x 5	1/4" x 5	
	Gas Pipe	Φ, mm	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 3	9.52 x 2 + 12.70 x 3	
		Φ, inch	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 3	3/8" x 2 + 1/2" x 3	
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	25(30)	25(30)	25(30)	25(30)	
		Φ, inch	15(15)	15(15)	15(15)	15(15)	
	Oil Equalizing Pipe	Φ, mm	2.5 ~ 2.5	2.5 ~ 2.5	4.0 ~ 4.0	4.0 ~ 4.0	
		Φ, inch	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	
Installation Limitation	Max. Length	m	R410A	R410A	R410A	R410A	
	Max. Height	m	2.80	2.80	3.30	3.30	
Field Wiring	Power Source Wire	mm2	63.0	63.0	70.0	70.0	
	Transmission Cable	mm2	-	-	-	-	
Refrigerant	Type	-	65.0	65.0	74.5	74.5	
	Factory Charging	kg	70.0	70.0	80.0	80.0	
Sound	Sound Pressure	dB(A)	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	
	Sound Power		1,023 x 889 x 413	1,023 x 889 x 413	995 x 1,096 x 426	995 x 1,096 x 426	
External Dimension	Net Weight	DVM PLUS IV HP	kg	-5.0 ~ 46.0	-5.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		DVM PLUS IV HR	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	
	Shipping Weight	DVM PLUS IV HP	kg	206.0	206.0	319.0	319.0
		DVM PLUS IV HR	211.0	211.0	325.0	325.0	
Net Dimensions (WxHxD)	mm	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		
	Shipping Dimensions (WxHxD)	mm	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	
Operating Temp. Range	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

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Mini 4Way Cassette S

- Compact and Light Unit
- S-Plasma ion (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water



Model		AJN016NDEHA/EU	AJN020NDEHA/EU	AJN026NDEHA/EU	AJN035NDEHA/EU	AJN052NDEHA/EU	
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	1.60	2.00	2.60	3.50	5.20
		Heating	2.00	2.20	2.90	3.80	5.60
	Power Input (Nominal)	Cooling	19.00	19.00	19.00	22.00	28.00
		Heating	19.00	19.00	19.00	22.00	28.00
Power	Current Input (Nominal)	Cooling	0.51	0.51	0.51	0.52	0.53
		Heating	0.51	0.51	0.51	0.52	0.53
	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	65 x 1	65 x 1	65 x 1	65 x 1
Fan	Air Flow Rate	High / Mid / Low (UL)	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
	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
	Transmission Cable		mm ²	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	dBA	34.0/29.0/27.0	34.0/29.0/27.0	34.0/29.0/27.0	36.0/32.0/28.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-
Dimensions	Net Weight		kg	11.00	11.00	11.00	11.70
	Shipping Weight		kg	13.00	13.00	13.00	13.70
	Net Dimensions (WDHCD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (WDHCD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
Panel Size	Panel Model	-	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB
	Panel Net Weight		kg	2.70	2.70	2.70	2.70
	Shipping Weight		kg	4.20	4.20	4.20	4.20
	Net Dimensions (WDHCD)		mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
	Shipping Dimensions (WDHCD)		mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-

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Optional Accessories



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	High / Mid / Low (UL)	CMM	6.20/5.20/4.20	7.60/6.60/5.60
			l/s	103.33/86.67/70.00	126.67/110.00/93.33
External Static Pressure	Min. / Std. / Max.	mmAq	-	-	
		Pa	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
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 (WDHCD)		mm	970 x 135 x 410	970 x 135 x 410
	Shipping Dimensions (WDHCD)		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 (WDHCD)		mm	1180 x 25 x 460	1180 x 25 x 460
Shipping Dimensions (WDHCD)		mm	1259 x 144 x 539	1259 x 144 x 539	
Additional Accessories	Drain Pump	Drain Pump	-	-	-
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h	-	-

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Optional Accessories



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 5.20 Btu/h 17,700
		Heating	kW 6.00 Btu/h 20,500
Power	Power Input (Nominal)	Cooling	W 170.00
		Heating	W 170.00
	Current Input (Nominal)	Cooling	A 1.04
		Heating	A 1.04
Fan	Motor	Type	- Sirocco Fan
		Output	W 124 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM 16.30/15.00/13.50 l/s 271.67/250.00/225.00
	External Static Pressure	Min. / Std. / Max.	mmAq 0.00/4.00/8.00 Pa 0.00/39.23/78.45
Piping Connections	Liquid Pipe	Φ, mm	6.35
		Φ, inch	1/4"
	Gas Pipe	Φ, mm	12.70
		Φ, inch	1/2"
	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ² 1.5 ~ 2.5
	Transmission Cable		mm ² 0.75 ~ 1.50
Refrigerant	Type	-	R410A
	Control Method	-	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA 37.0/35.0/33.0
	Sound Power	High / Mid / Low	dBA -
Dimensions	Net Weight	kg	29.00
	Shipping Weight	kg	34.00
	Net Dimensions (WDHDD)	mm	900 x 260 x 480
	Shipping Dimensions (WDHDD)	mm	1146 x 345 x 584
Panel Size	Panel Model	-	-
	Panel Net Weight	kg	-
	Shipping Weight	kg	-
	Net Dimensions (WDHDD)	mm	-
	Shipping Dimensions (WDHDD)	mm	-
Additional Accessories	Drain Pump	Drain Pump	- MDP-M075SGU3
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h -

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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	Cooling	kW 3.50 Btu/h 11,900
		Heating	kW 2.90 Btu/h 9,900	Heating	kW 3.80 Btu/h 13,000
Power	Power Input (Nominal)	Cooling	W 80.00	Cooling	W 80.00
		Heating	W 80.00	Heating	W 80.00
	Current Input (Nominal)	Cooling	A 0.40	Cooling	A 0.40
		Heating	A 0.40	Heating	A 0.40
Fan	Motor	Type	- Sirocco Fan	Type	- Sirocco Fan
		Output	W 80 x 1	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	CMM 9.80/8.80/7.80 l/s 163.33/146.67/130.00	
	External Static Pressure	Min. / Std. / Max.	mmAq 0.00/2.00/4.00 Pa 0.00/19.61/39.23	mmAq 0.00/2.00/4.00 Pa 0.00/19.61/39.23	
Piping Connections	Liquid Pipe	Φ, mm	6.35	Φ, mm	6.35
		Φ, inch	1/4"	Φ, inch	1/4"
	Gas Pipe	Φ, mm	9.52	Φ, mm	9.52
		Φ, inch	3/8"	Φ, inch	3/8"
	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	Φ, mm	VP25 (OD 32, ID 25)
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ² 1.5 ~ 2.5	Power Source Wire	Below 20m / Over 20m
	Transmission Cable		mm ² 0.75 ~ 1.50	Transmission Cable	
Refrigerant	Type	-	R410A	Type	-
	Control Method	-	EEV NOT INCLUDED	Control Method	-
Sound	Sound Pressure	High / Mid / Low	dBA 30.0/28.0/25.0	Sound Pressure	High / Mid / Low
	Sound Power	High / Mid / Low	dBA -	Sound Power	High / Mid / Low
Dimensions	Net Weight	kg	26.00	Net Weight	kg
	Shipping Weight	kg	31.00	Shipping Weight	kg
	Net Dimensions (WDHDD)	mm	900 x 199 x 600	Net Dimensions (WDHDD)	mm
	Shipping Dimensions (WDHDD)	mm	1133 x 330 x 730	Shipping Dimensions (WDHDD)	mm
Panel Size	Panel Model	-	-	Panel Model	-
	Panel Net Weight	kg	-	Panel Net Weight	kg
	Shipping Weight	kg	-	Shipping Weight	kg
	Net Dimensions (WDHDD)	mm	-	Net Dimensions (WDHDD)	mm
	Shipping Dimensions (WDHDD)	mm	-	Shipping Dimensions (WDHDD)	mm
Additional Accessories	Drain Pump	Drain Pump	- MDP-E075SEE3	Drain Pump	Drain Pump
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h -	Air Filter	Max. Lifting Height / Displacement

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Optional Accessories



Standard Accessories



Y Series (Jungfrau Premium)



- S-Plasma ion
- Smart Inverter
- good' sleep
- Wide Twin Blade
- Full HD Filter
- d'light cool
- 3D Wind
- Turbo Cooling



Model			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	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	50.00	50.00	50.00
		Heating	50.00	50.00	50.00
	Current Input (Nominal)	Cooling	0.40	0.40	0.40
		Heating	0.40	0.40	0.40
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output	-	27 x 1	27 x 1
	Air Flow Rate	CMM	11.60/10.30/9.00	13.80/11.40/9.00	14.50/12.80/11.00
		High / Mid / Low (UL)	193.33/171.67/150.00	230.00/190.00/150.00	241.67/213.33/183.33
External Static Pressure	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	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		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	39.0/30.0/21.0	41.0/31.0/21.0	44.0/35.0/26.0
	Sound Power	High / Mid / Low	-	-	-
Dimensions	Net Weight		10.50	10.50	11.20
	Shipping Weight		13.00	13.00	14.00
	Net Dimensions (WDHCD)	mm	880 x 313 x 237	880 x 313 x 237	880 x 313 x 237
	Shipping Dimensions (WDHCD)	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 (WDHCD)	mm	-	-	-
	Shipping Dimensions (WDHCD)	mm	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
	Air Filter		-	-	-

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Optional Accessories



Standard Accessories



P Series (Maldives)



- Full HD Filter
- Smart Inverter
- Smart Saver
- good[®] sleep
- Turbo Cooling
- Quiet Mode
- Triple Protector (Optional)
- S-Plasma ion



Model		AR07FSFPDGMNEU	AR09FSFPDGMNEU	AR12FSFPDGMNEU	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	2.00	2.50	3.50	5.00	6.80
		Heating	2.20	3.30	4.00	6.00	7.80
	Power Input (Nominal)	Cooling	30.00	35.00	40.00	35.00	53.00
		Heating	30.00	35.00	40.00	35.00	53.00
Current Input (Nominal)	Cooling	0.18	0.19	0.20	0.30	0.46	
	Heating	0.18	0.19	0.20	0.30	0.46	
Fan	Motor	Type	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	
		Output	23 x 1	23 x 1	23 x 1	27 x 1	27 x 1
	Air Flow Rate	High / Mid / Low (UL)	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
		External Static Pressure	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
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	12.70	15.88	
		Φ, inch	3/8"	3/8"	1/2"	5/8"	
Drain Pipe	Φ, mm	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	
Field Wiring	Power Source Wire	Below 20m / Over 20m	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	
	Transmission Cable		0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	36.0/29.0/21.0	37.0/-/25.0	38.0/-/25.0	39.0/-/26.0	
	Sound Power	High / Mid / Low	-	-	-	-	
Dimensions	Net Weight	kg	9.00	9.00	9.00	13.00	
	Shipping Weight	kg	11.00	11.00	11.00	16.00	
	Net Dimensions (WDHCD)	mm	820 x 286 x 205	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	
	Shipping Dimensions (WDHCD)	mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	
Panel Size	Panel Model	-	-	-	-	-	
	Panel Net Weight	kg	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	
	Net Dimensions (WDHCD)	mm	-	-	-	-	
	Shipping Dimensions (WDHCD)	mm	-	-	-	-	
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	
Air Filter	-	-	-	-	-		

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Optional Accessories



Standard Accessories



P Plus Series



- Full HD Filter
- Smart Inverter
- Smart Saver
- good⁺ sleep
- Turbo Cooling
- Quiet Mode
- Triple Protector (Optional)
- S-Plasma ion



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	2.00	2.50	3.50	5.00	6.80
		Heating	2.20	3.30	4.00	6.00	7.80
	Power Input (Nominal)	Cooling	30.00	35.00	40.00	35.00	53.00
		Heating	30.00	35.00	40.00	35.00	53.00
Current Input (Nominal)	Cooling	0.18	0.19	0.20	0.30	0.46	
	Heating	0.18	0.19	0.20	0.30	0.46	
Fan	Motor	Type	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	
		Output	23 x 1	23 x 1	23 x 1	27 x 1	27 x 1
	Air Flow Rate	High / Mid / Low (UL)	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
		External Static Pressure	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
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	12.70	15.88	
		Φ, inch	3/8"	3/8"	1/2"	5/8"	
Drain Pipe	Φ, mm	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)	
Field Wiring	Power Source Wire	Below 20m / Over 20m	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	
	Transmission Cable		0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type		R410A	R410A	R410A	R410A	
	Control Method		EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	36.0/29.0/21.0	36.0/25.0	38.0/25.0	39.0/26.0	
	Sound Power	High / Mid / Low	-	-	-	-	
Dimensions	Net Weight		9.00	9.00	13.00	13.00	
	Shipping Weight		11.00	11.00	11.00	16.00	
	Net Dimensions (WDHDD)		820 x 285 x 205	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	
	Shipping Dimensions (WDHDD)		892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	
Panel Size	Panel Model		-	-	-	-	
	Panel Net Weight		-	-	-	-	
	Shipping Weight		-	-	-	-	
	Net Dimensions (WDHDD)		-	-	-	-	
	Shipping Dimensions (WDHDD)		-	-	-	-	
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	

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Optional Accessories



Standard Accessories



Crystal



- S-Plasma ion
- Catechin Filter
- good'sleep
- Filter Cleaning Indicator
- Full HD Filter
- Smart Inverter
- Turbo Cooling
- Deodorizing Filter
- Smart Saver



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	30.00	30.00	35.00	50.00	
		Heating	30.00	30.00	35.00	50.00	
	Current Input (Nominal)	Cooling	0.18	0.18	0.19	0.30	
		Heating	0.18	0.18	0.19	0.30	
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	7.90/6.90/5.90	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
External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	
	Pa		-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	9.52	12.70	
		Φ, inch	3/8"	3/8"	3/8"	1/2"	
Drain Pipe	Φ, mm	VP18 (OD 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	
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type		-	R410A	R410A	R410A	
	Control Method		-	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	
	Sound Power	High / Mid / Low	dBA	-	-	-	
Dimensions	Net Weight		kg	9.00	9.00	13.00	
	Shipping Weight		kg	11.00	11.00	16.00	
	Net Dimensions (WDHCD)		mm	820 x 286 x 190	820 x 286 x 190	820 x 286 x 190	
	Shipping Dimensions (WDHCD)		mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	
Panel Size	Panel Model		-	-	-	-	
	Panel Net Weight		kg	-	-	-	
	Shipping Weight		kg	-	-	-	
	Net Dimensions (WDHCD)		mm	-	-	-	
	Shipping Dimensions (WDHCD)		mm	-	-	-	
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	
	Air Filter		-	-	-	-	

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH0*



MWR-SH00



MR-DH00

Standard Accessories

Wireless Remote Controller



New Crystal



- S-Plasma ion
- Full HD Filter
- Deodorizing Filter
- Catechin Filter
- Smart Inverter
- Smart Saver
- good'sleep
- Turbo Cooling
- Filter Cleaning Indicator



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	2.50	3.50	5.00	6.80
		Heating	8,500	11,900	17,100	23,200
	Power Input (Nominal)	Cooling	3.20	4.00	6.00	7.80
		Heating	10,900	13,600	20,500	26,600
Power	Current Input (Nominal)	Cooling	-	-	-	-
		Heating	-	-	-	-
	Motor	Type	-	-	-	-
		Output	-	-	-	-
Fan	Air Flow Rate	High / Mid / Low (UL)	CMM	-	-	
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	
		Pa	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	9.52	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
	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	
	Control Method	-	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
	Sound Power	High / Mid / Low	dBA	-	-	-
Dimensions	Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (WDHxD)	mm	890 x 285 x 190	890 x 285 x 190	1065 x 298 x 230	1065 x 298 x 230
	Shipping Dimensions (WDHxD)	mm	-	-	-	-
Panel Size	Panel Model	-	-	-	-	
	Panel Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (WDHxD)	mm	-	-	-	
	Shipping Dimensions (WDHxD)	mm	-	-	-	
Additional Accessories	Drain Pump	Drain Pump	-	-	-	
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h	-	-	

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Optional Accessories



Standard Accessories



Neo Forte



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



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	1,2,220-240,50		
Mode		-	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	CMM	7.70/6.70/5.70	8.30/7.30/6.30	9.50/8.50/7.50	13.20/11.60/9.90	
		High / Mid / Low (UL)	l/s	128.33/111.67/95.00	138.33/121.67/105.00	158.33/141.67/125.00	220.00/193.33/165.00
External Static Pressure	mmAq	-	-	-	-		
	Pa	-	-	-	-		
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	9.52	12.70	
		Φ, inch	3/8"	3/8"	3/8"	1/2"	
Drain Pipe	Φ, mm	VP18 (OD 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	32.0/28.0/23.0	32.0/28.0/23.0	36.0/30.0/23.0	40.0/35.0/30.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-
Dimensions	Net Weight	kg	7.80	7.80	7.80	13.00	
	Shipping Weight	kg	9.40	9.40	9.40	16.00	
	Net Dimensions (WxDxD)	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	
	Shipping Dimensions (WxDxD)	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1137 x 377 x 299	
Panel Size	Panel Model	-	-	-	-	-	
	Panel Net Weight	kg	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	
	Net Dimensions (WxDxD)	mm	-	-	-	-	
	Shipping Dimensions (WxDxD)	mm	-	-	-	-	
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	
Air Filter	-	-	-	-	-		

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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	1,2,220-240,50		
Mode		-	HP/HR	HP/HR		
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50	5.20
		Btu/h	8,900	11,900	17,700	
	Heating	kW	2.90	3.80	5.60	
		Btu/h	9,900	13,000	19,100	
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	50.00
		Heating	W	30.00	35.00	50.00
	Current Input (Nominal)	Cooling	A	0.25	0.29	0.35
		Heating	A	0.25	0.29	0.35
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	37 x 1	37 x 1	37 x 1
	Air Flow Rate	CMM	9.00/7.80/6.70	10.50/9.30/8.20	11.20/9.90/8.60	
		High / Mid / Low (UL)	l/s	150.00/130.00/111.67	175.00/155.00/136.67	186.67/165.00/143.33
External Static Pressure	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 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	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	44.0/34.0/25.0
	Sound Power	High / Mid / Low	dBA	-	-	-
Dimensions	Net Weight	kg	15.00	15.00	15.00	
	Shipping Weight	kg	19.00	19.00	19.00	
	Net Dimensions (WxDxD)	mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199	
	Shipping Dimensions (WxDxD)	mm	810 x 710 x 295	810 x 710 x 295	810 x 710 x 295	
Panel Size	Panel Model	-	-	-		
	Panel Net Weight	kg	-	-		
	Shipping Weight	kg	-	-		
	Net Dimensions (WxDxD)	mm	-	-		
	Shipping Dimensions (WxDxD)	mm	-	-		
Additional Accessories	Drain Pump	Drain Pump	-	-		
	Max. Lifting Height / Displacement	mm / liter/h	-	-		
Air Filter	-	-	-			

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Optional Accessories



Standard Accessories



Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)	AR12FSSYAWTN x 1+AR18FSSYAWTNEU x 1 / AJ050FCJ2EH	AR09FSSYAWTN x 2+AR12FSSYAWTN x 2 / AJ080FCJ4EH	AR07FSFP*** x 2 / AJ040FCJ2EH	AR09FSFP*** x 1+AR12FSFP*** x 1 / AJ040FCJ2EH	AR12FSFP*** x 1+AR18FSFP*** x 1 / AJ050FCJ2EH	AR09FSFP*** x 3 / AJ052FCJ3EH
Sound Power Level (Inside/Outside)	59/61	58/63	53/61	55/61	55/61	54/61
Refrigerant name ¹⁾	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	1975	1975	1975	1975	1975	1975
SEER	5.8	5.3	5.7	6.1	5.8	5.7
Energy efficiency class (SEER)	A+	A	A+	A++	A+	A+
QCE ²⁾ (cooling season)	300	524	243	229	300	317
Pdesignc	5.0	8.0	4.0	4.0	5.0	5.2
SCOP	3.7	3.7	3.9	3.9	3.7	3.8
Energy efficiency class (SCOP)	A	A	A	A	A	A
Q _{hE} ³⁾ (heating season)	1395	2180	1076	1077	1395	1571
Other heating seasons suitable for use	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	3.7	5.8	3.0	3.0	3.7	4.3
eibu(Tj) (Average)	0	0	0	0	0	0
Pdesignh (Warmer)	4.0	6.4	3.5	3.6	4.0	4.8
eibu(Tj) (Warmer)	0	0	0	0	0	0
Pdesignh (Colder)	X	X	X	X	X	X
eibu(Tj) (Colder)	X	X	X	X	X	X
Declared capacity at reference design conditions	3.7	5.8	3.0	3.0	3.7	4.3
Assumed backup heating capacity	0	0	0	0	0	0

Model name (Indoor/Outdoor)	AR12FSFP*** x 3 / AJ068FCJ3EH	AR09FSFP*** x 4 / AJ070FCJ4EH	AR09FSFP*** x 2+AR12FSFP*** x 2 / AJ080FCJ4EH	AR09FSFP*** x 5 / AJ100FCJ5EH	AR12FSFP*** x 1+AR24FSFP*** x 1 / AJ100FCJ5EH	AR12FSSEDWUN x 1+AR18FSSEDWUN x 1 / AJ050FCJ2EH
Sound Power Level (Inside/Outside)	55/63	54/63	55/63	60/70	60/70	56/61
Refrigerant name ¹⁾	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	1975	1975	1975	1975	1975	1975
SEER	6.0	5.6	5.3	6.0	5.5	5.8
Energy efficiency class (SEER)	A+	A+	A	A+	A	A+
QCE ²⁾ (cooling season)	395	437	524	578	538	300
Pdesignc	6.8	7.0	8.0	10.0	8.6	5.0
SCOP	3.9	3.7	3.7	3.8	3.9	3.7
Energy efficiency class (SCOP)	A	A	A	A	A	A
Q _{hE} ³⁾ (heating season)	1981	2169	2180	2806	2761	1395
Other heating seasons suitable for use	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	5.5	5.8	5.8	7.7	7.7	3.7
eibu(Tj) (Average)	0	0	0	0	0	0
Pdesignh (Warmer)	6.3	6.4	6.4	8.7	8.5	4.0
eibu(Tj) (Warmer)	0	0	0	0	0	0
Pdesignh (Colder)	X	X	X	X	X	X
eibu(Tj) (Colder)	X	X	X	X	X	X
Declared capacity at reference design conditions	5.5	5.8	5.8	7.7	7.7	3.7
Assumed backup heating capacity	0	0	0	0	0	0

¹⁾ Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

²⁾ Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

³⁾ Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)	AR09FSSSEDWUN x 2+AR12FSSSEDWUN x 2 / AJ080FCJ4EH	AR12FSSSEDWUN x 1 + AR24FSSSEDWUN x 1 / AJ100FCJ5EH	MH020FNEA x 1 + MH020FAEA x 1 / AJ040FCJ2EH	MH035FNEA x 1+MH052FNEA x 1 / AJ050FCJ2EH	MH026FAEA x 1 +MH035FAEA x 1 + MH026FAEA x 1 +MH035FAEA x 1 / AJ080FCJ4EH	MH035FAEA x 1+MH052FAEA x 1 / AJ050FCJ2EH	AJN016NDEHA x 1 + AJN020NDEHA x 2 / AJ052FCJ3EH
Sound Power Level (Inside/Outside)	55/63	60/70	53/61	55/61	55/63	59/61	47/61
Refrigerant name ¹⁾	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	1975	1975	1975	1975	1975	1975	1975
SEER	5.3	5.5	5.7	5.8	5.3	5.8	5.7
Energy efficiency class (SEER)	A	A	A+	A+	A	A+	A+
QCE ²⁾ (cooling season)	524	538	243	300	524	300	320
Pdesignc	8.0	8.6	4.0	5.0	8.0	5.0	5.2
SCOP	3.7	3.9	3.9	3.7	3.7	3.7	3.8
Energy efficiency class (SCOP)	A	A	A	A	A	A	A
Q _e ³⁾ (heating season)	2180	2761	1076	1395	2180	1395	1571
Other heating seasons suitable for use	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	5.8	7.7	3.0	3.7	5.8	3.7	4.3
eibu(Tj) (Average)	0	0	0	0	0	0	0
Pdesignh (Warmer)	6.4	8.5	3.5	4.0	6.4	4.0	4.8
eibu(Tj) (Warmer)	0	0	0	0	0	0	0
Pdesignh (Colder)	X	X	X	X	X	X	X
eibu(Tj) (Colder)	X	X	X	X	X	X	X
Declared capacity at reference design conditions	5.8	7.7	3.0	3.7	5.8	3.7	4.3
Assumed backup heating capacity	0	0	0	0	0	0	0

Model name (Indoor/Outdoor)	AJN026NDEHA x 2+AJN035NDEHA x 2 / AJ080FCJ4EH	AJN052NDEHA x 2 / AJ100FCJ5EH/EU	NJ026LHXEA x 2+NJ035LHXEA x 2 / AJ080FCJ4EH	MH026FSEA x 2+MH035FSEA x 2 / AJ080FCJ4EH	MH052FJEA x 2 / AJ100FCJ5EH/EU	MH035FJEA x 1+MH052FJEA x 1 / AJ050FCJ2EH	MH026FJEA x 2+MH035FJEA x 2 / AJ080FCJ4EH
Sound Power Level (Inside/Outside)	49/63	55/70	53/63	53/63	58/70	59/61	59/63
Refrigerant name ¹⁾	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	1975	1975	1975	1975	1975	1975	1975
SEER	5.3	5.6	5.3	5.3	5.6	5.8	5.3
Energy efficiency class (SEER)	A	A	A	A	A	A+	A
QCE ²⁾ (cooling season)	524	535	524	524	535	300	524
Pdesignc	8.0	8.5	8.0	8.0	8.5	5.0	8.0
SCOP	3.7	3.8	3.7	3.7	3.8	3.7	3.7
Energy efficiency class (SCOP)	A	A	A	A	A	A	A
Q _e ³⁾ (heating season)	2180	2806	2180	2180	2806	1395	2180
Other heating seasons suitable for use	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	5.8	7.7	5.8	5.8	7.7	3.7	5.8
eibu(Tj) (Average)	0	0	0	0	0	0	0
Pdesignh (Warmer)	6.4	8.7	6.4	6.4	8.7	4.0	6.4
eibu(Tj) (Warmer)	0	0	0	0	0	0	0
Pdesignh (Colder)	X	X	X	X	X	X	X
eibu(Tj) (Colder)	X	X	X	X	X	X	X
Declared capacity at reference design conditions	5.8	7.7	5.8	5.8	7.7	3.7	5.8
Assumed backup heating capacity	0	0	0	0	0	0	0

¹⁾ Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

²⁾ Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

³⁾ Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)	AR09FSFP*** x 1 + AR12FSFP*** x 1 / AJ040FCJ2EH	AR12FSFP*** x 1 + AR18FSFP*** x 1 / AJ050FCJ2EH	AR09FSFP*** x 3 / AJ052FCJ3EH	AR12FSFP*** x 3 / AJ068FCJ3EH	AR09FSFP*** x 4 / AJ070FCJ4EH	AR09FSFP*** x 2 + AR12FSFP*** x 2 / AJ080FCJ4EH	AR09FSFP*** x 5 / AJ100FCJ5EH
Sound Power Level (Inside/Outside)	55/61	55/61	54/61	55/63	54/63	55/63	54/70
Refrigerant name ¹⁾	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	1975	1975	1975	1975	1975	1975	1975
SEER	6.1	5.8	5.7	6.0	5.6	5.3	6.0
Energy efficiency class (SEER)	A++	A+	A+	A+	A+	A	A+
QCE ²⁾ (cooling season)	229	300	317	395	437	524	578
Pdesignc	4.0	5.0	5.2	6.8	7.0	8.0	10.0
SCOP	3.9	3.7	3.8	3.9	3.7	3.7	3.8
Energy efficiency class (SCOP)	A	A	A	A	A	A	A
QHE ³⁾ (heating season)	1077	1395	1571	1981	2169	2180	2806
Other heating seasons suitable for use	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	3.0	3.7	4.3	5.5	5.8	5.8	7.7
Pdesignh (Warmer)	3.6	4.0	4.8	6.3	6.4	6.4	8.7
Pdesignh (Colder)	-	-	-	-	-	-	-
Declared capacity at reference design conditions	3.0	3.7	4.3	5.5	5.8	5.8	7.7
Assumed backup heating capacity	0	0	0	0	0	0	0

*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

*2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

*3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

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						
AJ040FXJPEHEU	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						
AJ050FCJPEHEU	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						
AJ040FXJPEHEU	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						
AJ050FCJPEHEU	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	280	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	MIN	NOM	MAX				
AU062FCU3EH1EU	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
	3 Unit	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
		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
3 Unit	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	
	2500	2500	3500		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	MIN	NOM	MAX	MIN	NOM		MAX
AU062FCU3EH1EU	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	6000				6000	1350	6000	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
	3 Unit	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
		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
3 Unit	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	
	3300	3300	4000		10600	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	MIN	NOM	MAX	MIN	NOM		MAX				
AU068FCJ3EHEU	1 Unit					2000				2000	2000				2000	1280	2000	2880	400	630	930	2.2	2.9	4.3	3.17
	2 Unit					2000	2000			4000	2000	2000			4000	1300	4000	4800	420	1240	1480	2.3	5.7	6.8	3.23
	3 Unit					2000	2500			4500	2000	2500			4500	1300	4500	5520	420	1410	1680	2.3	6.5	7.7	3.19
	1 Unit					2500				2500	2500				2500	1280	3500	4200	400	1070	1370	2.2	4.9	6.3	3.27
	2 Unit					2500	2500			5000	2500	2500			5000	1300	5000	5800	400	1620	1900	2.2	7.4	8.7	3.09
	3 Unit					2500	3500			6000	2500	3500			6000	1300	6000	7140	420	1980	2670	2.3	9.1	12.2	3.03
	1 Unit					3500				3500	3500				3500	1300	5000	5800	400	1620	1900	2.2	7.4	8.7	3.09
	2 Unit					3500	3500			7000	3500	3500			7000	1300	7000	8400	420	2010	2700	2.3	9.2	12.4	3.23
	3 Unit					3500	5000			8500	3500	5000			8500	1300	8500	10000	420	2100	2670	2.3	9.6	12.2	3.30
	1 Unit					5000				5000	5000				5000	1300	6500	7740	420	2090	2660	2.3	9.2	12.2	3.25
	2 Unit					5000	5000			10000	5000	5000			10000	1300	10000	12000	420	2090	2660	2.3	9.2	12.2	3.25
	3 Unit					5000	5000			10000	5000	5000			10000	1300	10000	12000	420	2090	2660	2.3	9.2	12.2	3.25
	1 Unit					2000	2000	2000		6000	2000	2000	2000		6000	1800	6000	7400	440	1970	2650	2.3	9.0	12.1	3.05
	2 Unit					2000	2000	2500		6500	2000	2000	2500		6500	1800	6500	8000	440	2000	2690	2.3	9.2	12.3	3.25
	3 Unit					2000	2000	3500		7500	1810	1810	3180		6800	1800	6800	8400	440	2070	2700	2.3	9.5	12.4	3.29
	1 Unit					2000	2000	5000		9000	1510	1510	3780		6800	1800	6800	8400	440	2000	2690	2.3	9.2	12.3	3.40
	2 Unit					2000	2500	2500		7000	1860	2320	2320		6500	1800	6500	8000	440	2030	2690	2.3	9.3	12.3	3.20
	3 Unit					2000	2500	3500		8000	1700	2130	2970		6800	1800	6800	8400	440	2090	2690	2.3	9.6	12.3	3.25
	1 Unit					2000	2500	5000		9500	1430	1790	3580		6800	1800	6800	8400	440	2010	2690	2.3	9.2	12.3	3.38
	2 Unit					2000	3500	3500		9000	1520	2640	2640		6800	1800	6800	8400	440	2010	2700	2.3	9.2	12.4	3.38
	3 Unit					2000	3500	5000		10500	1300	2270	3230		6800	1800	6800	8400	440	2050	2700	2.3	9.4	12.4	3.32
	1 Unit					2500	2500	2500		7500	2260	2270	2270		6800	1800	6800	8400	440	2060	2690	2.3	9.4	12.3	3.30
	2 Unit					2500	2500	3500		8500	2000	2000	2800		6800	1800	6800	8400	440	2130	2700	2.3	9.7	12.4	3.19
	3 Unit					2500	2500	5000		10000	1700	1700	3400		6800	1800	6800	8400	440	2030	2690	2.3	9.3	12.3	3.35
	1 Unit					2500	3500	3500		9500	1780	2510	2510		6800	1800	6800	8400	440	2020	2700	2.3	9.2	12.4	3.37
	2 Unit					2500	3500	5000		11000	1550	2160	3090		6800	1800	6800	8400	440	2070	2700	2.3	9.5	12.4	3.29
	3 Unit					2500	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	MIN	NOM	MAX	MIN	NOM		MAX				
AU068FCJ3EHEU	1 Unit					2200				2200	2200				2200	1300	2200	2990	380	950	1190	1.9	4.3	5.4	2.32
	2 Unit					2200	2200			4400	2200	2200			4400	1400	4400	5060	380	1220	1600	1.9	5.6	7.3	3.61
	3 Unit					2200	2200	3300		5500	2200	3300			5500	1400	5500	6330	380	1490	2000	1.9	6.8	9.2	3.69
	1 Unit					3300				3300	3300				3300	1300	3300	3340	380	1150	1360	1.9	5.3	6.2	2.87
	2 Unit					3300	3300			6600	3300	3300			6600	1400	6600	7590	380	1890	2600	1.9	8.6	11.9	3.49
	3 Unit					3300	4000			7300	3300	4000			7300	1400	7300	8400	380	1950	2600	1.9	8.9	11.9	3.74
	1 Unit					4000				4000	4000				4000	1300	4000	4370	380	1350	1780	1.9	6.2	8.1	2.96
	2 Unit					4000	4000			8000	4000	4000			8000	1400	8000	9200	380	2090	2800	1.9	9.6	12.8	3.83
	3 Unit					4000	6000			10000	3200	4800			8000	1400	8000	9200	380	2090	2800	1.9	9.6	12.8	3.83
	1 Unit					6000				6000	6000				6000	1400	6000	6300	380	1820	2050	1.9	8.3	9.4	3.08
	2 Unit					6000	6000			12000	4000	4000			8000	1400	8000	9200	380	2090	2800	1.9	9.5	12.8	3.85
	3 Unit					6000	6000			12000	4000	4000			8000	1400	8000	9200	380	2090	2800	1.9	9.5	12.8	3.85
	1 Unit					2200	2200	2200		6600	2200	2200	2200		6600	1400	6600	8100	380	1760	2400	1.9	8.1	11.0	3.75
	2 Unit					2200	2200	3300		7700	2200	3300	3300		7700	1400	7700	9500	380	1830	2500	1.9	8.4	11.4	4.21
	3 Unit					2200	2200	4000		8400	2100	2100	3800		8000	1400	8000	9800	380	1920	2600	1.9	8.8	11.9	4.17
	1 Unit					2200	2200	6000		10400	1690	1690	4620		8000	1400	8000	9800	380	1960	2600	1.9	9.0	11.9	4.08
	2 Unit					2200	3300	3300		8800	2000	3000	3000		8000	1400	8000	9800	380	1880	2500	1.9	8.6	11.4	4.26
	3 Unit					2200	3300	4000		9500	1850	2780	3370		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19
	1 Unit					2200	3300	6000		11500	1530	2300	4170		8000	1400	8000	9800	380	1920	2600	1.9	8.8	11.9	4.17
	2 Unit					2200	4000	4000		10200	1720	3140	3140		8000	1400	8000	9800	380	1960	2600	1.9	9.0	11.9	4.08
	3 Unit					2200	4000	6000		12200	1450	2620	3930		8000	1400	8000	9800	380	1950	2600	1.9	8.9	11.9	4.10
	1 Unit					3300	3300	3300		9900	2660	2670	2670		8000	1400	8000	9800	380	1930	2600	1.9	8.8	11.9	4.15
	2 Unit					3300	3300	4000		10600	2490	2490	3020		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19
	3 Unit					3300	3300	6000		12600	2100	2100	3800		8000	1400	8000	9800	380	1950	2600	1.9	8.9	11.9	4.10
	1 Unit					3300	4000	4000		11300	2340	2830	2830		8000	1400	8000	9800	380	1930	2600	1.9	8.8	11.9	4.15
	2 Unit					3300	4000	6000		13300	1980	2410	3610		8000	1400	8000	9800	380	1980	2700	1.9	9.1	12.4	4.04
	3 Unit					3300	4000	4000		12000	2660	2670	2670		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19

- 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 13.3 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	MIN	NOM	MAX	MIN	NOM		MAX
AU070FC4EHEU	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		
3 Unit	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	
	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		
4 Unit	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	
	2000	2000	2500	2500	9000	1560	1560	1940	1940	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	
	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	

- 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**FSSEWUN, 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 10.5 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	MIN	NOM	MAX	MIN	NOM		MAX
AU070FC4EHEU	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	8.9	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	2200	8800	2060	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	2770	832											

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		
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**FSSSEDWUN, 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	
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
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	260				

FJM 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			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	
	6800					6800	6800					6800	1710	6800	8690	620	2180	2900	2.8	10.0	13.3	3.12	
2 Unit	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	
	3 Unit	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	2240	7000	8370	640		7000	2240	7000	8370	640	2110	2820	2.9	9.7	12.9	3.32	
2000		2500	3500			8000	2280	8000	9320	650		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	2280	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			A						
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM		MAX	
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	2620	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	3				

FJM 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				A					
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX													
																			W				A					
AJ100FCJ5EHEU	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	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							

- 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**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 17.3 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						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	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX							
																			W				W			A		
AJ100FCJ5EHEU	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						
	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								

FJM Capacity Combination

HEATING																						
Outdoor unit	Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER		
	A	B	C	D	E	A	B	C	D	E	W			W			A					
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX							
AJ100FCJ5EHEU	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	A	B	C	D	E	W			W			A						
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX					
AJ100FCJ5EHEU	5 Unit	2200	2200	2200	2200	2200	11000	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	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	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	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	5610	11930	2360	11930	13750	590	3140	3810	2.7	14.4	17.4	3.80	
		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	3300	4000		13700	1840	1840	1840	2820	3420	11880	1960	11880	13110	560	2980	3610	2.6	13.6	16.5	3.99
		2200	2200	3300	6000		15700	1630	1630	1630	2440	4450	11780	2280	11780	13590	570	3080	3750	2.6	14.1	17.2	3.82
		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	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	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	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	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	6000	7800		20600	1300	1300	1300	2760	2760	11960	1930	11960	13430	550	3020	3690	2.5	13.8	16.9	3.96
		2200	3300	3300																			

CAC Lineup - Outdoor Units

TYPE	PHASE	CAPACITY	2.6 kW	3.5 kW	5.2 kW	6.0 kW	7.0/ 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
FLAGSHIP (One Size)	10.0 kW
	

Cassette

MODEL	Flagship	Premium	Deluxe	Mini 4Way S	Slim 1Way
					
		4Way Cassette S			
CAPACITY	2.6			●	●
	3.5			●	●
	5.2			●	
	6.0			●	
	7.0 / 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

image change

MODEL	Maldives	
CAPACITY	2.6	●
	3.5	●
	5.2	●
	7.0 / 7.1	●
FEATURES	 Deodorizing Filter	●
	 Smart Inverter	●
	good sleep	●

Duct

MODEL	MSP	Slim
		
CAPACITY	2.6	
	3.5	●
	5.2	●
	6.0	
	7.0 / 7.1	●
	9.0	●
	10.0	●
	12.5	●
14.0	●	
FEATURES	 Anti-virus Filter	●
	 Easy Filter Cleaning	●
	 High Lift-up Drain Pump	●
	 Smart Pressure Control	●

Console & Ceiling

MODEL	Console	Ceiling
CAPACITY	2.6	●
	3.5	●
	5.2	●
	7.0 / 7.1	●
FEATURES	 S-Plasma ion	●
	 Interior Design	●
	 Anti-virus Filter	●
	 Lightweight Unit	●
	 Flexible Pipe Installation	●



4Way Cassette S

- S-Plasma ion (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



Flagship

Premium

Model Name	Indoor Unit	AC100FB4FEH/EU AC100FCAPHE/EU	AC071FB4PEH/EU AC071FCAPHE/EU	AC090FB4PEH/EU AC090FCAPHE/EU	AC100FB4PEH/EU AC100FCAPHE/EU	AC100FB4PEH/EU AC100FCAPGH/EU	NS1254PXE/A RC125PHXE/A
Mode	Indoor Unit	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	2.20/7.10/8.00	2.50/9.00/10.00	3.50/10.00/12.00	3.50/10.00/12.00	3.50/12.50/14.00
	Btu/h	15,000/34,100/40,900	7,500/24,200/27,300	8,500/30,700/34,100	11,900/34,100/40,900	11,900/34,100/40,900	11,900/42,700/47,800
Power	Heating (Min. / Std. / Max.)	kW 3.50/11.20/15.50	1.90/6.00/9.00	2.30/10.00/13.90	3.50/11.20/15.50	3.50/11.20/15.50	3.50/14.00/16.20
	Btu/h	11,900/38,200/52,900	6,500/27,300/30,700	7,800/34,100/47,400	11,900/38,200/52,900	11,900/38,200/52,900	11,900/47,800/55,300
Energy Efficiency	Power Input (Nominal)	Cooling (Min. / Std. / Max.) kW 1.05/2.38/3.10	0.35/1.97/4.00	0.60/2.65/3.70	0.80/2.50/3.80	0.80/2.50/3.80	0.80/3.47/4.80
	Heating (Min. / Std. / Max.)	kW 0.62/2.46/4.60	0.35/2.10/4.00	0.48/2.63/5.20	0.70/2.60/4.50	0.70/2.60/4.50	0.70/3.59/4.50
	Current Input (Nominal)	Cooling (Min. / Std. / Max.) A 4.60/11.50/24.00	2.00/9.50/21.00	3.00/13.30/18.70	3.70/11.60/24.00	3.70/11.60/24.00	3.70/15.50/24.00
	Heating (Min. / Std. / Max.)	A 3.00/11.80/24.00	2.00/9.80/21.00	2.40/13.00/23.00	3.50/11.90/24.00	3.50/11.90/24.00	3.50/16.00/24.00
	MCA	A 25.00 (MCA)	20.30 (MCA)	25.00 (MCA)	25.00 (MCA)	25.00 (MCA)	25.00 (MCA)
Energy Efficiency	MFA	A 30.00	25.00	30.00	30.00	30.00	30.00
	EER (Nominal Cooling)	- 4.20	3.60	3.40	4.00	4.00	3.60
	COP (Nominal Heating)	- 4.55	3.81	3.80	4.31	4.31	3.90
Piping Connections	Energy Grade	- Energy Grade (C) 6.7(A++) Energy Grade (H) 4.31(A+)	- Energy Grade (C) 6.4(A++) Energy Grade (H) 4.2(A+)	- Energy Grade (C) 6.4(A++) Energy Grade (H) 4.2(A+)	- Energy Grade (C) 6.4(A++) Energy Grade (H) 4.21(A+)	- Energy Grade (C) 6.4(A++) Energy Grade (H) 4.21(A+)	- Energy Grade (C) A Energy Grade (H) A
	Liquid Pipe	Φ, mm 9.52	6.35	9.52	9.52	9.52	9.52
	Φ, inch	3/8"	1/4"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm 15.88	15.88	15.88	15.88	15.88	15.88
	Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Field Wiring	Installation Limitation	Max. Length (Outdoor to indoor) m 75(75)	50(55)	50(55)	75(75)	75(75)	75(75)
	Max. Height (Between ID/OD) m 30(30)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)
Refrigerant	Power Source Wire	- 4.0 ~ 6.0	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 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Additional Accessories	Type	- R410A	- R410A	- R410A	- R410A	- R410A	- R410A
	Control Method	- -	- -	- -	- -	- -	- -
INDOOR UNIT	Factory Charging	kg 3.80	1.80	3.00	3.40	3.40	3.40
	Power Supply	Φ, #, V, Hz 1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Drain	Type	- Turbo Fan	- Turbo Fan	- Turbo Fan	- Turbo Fan	- Turbo Fan	- Turbo Fan
	Motor	Output W -	-	-	-	-	-
	Number of Unit	EA 1.00	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate	High / Mid / Low 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	32.00/28.00/22.00
	External Static Pressure	mmAq 533.33/466.67/366.67	350.00/316.67/283.33	450.00/400.00/315.00	500.00/400.00/315.00	500.00/400.00/315.00	533.33/466.67/366.67
Sound	Pa -	-	-	-	-	-	-
	Drain Pipe	Φ, mm VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
External Dimension	Sound Pressure	High / Mid / Low dB(A) 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	44.00/40.0/36.0
	Net Weight	kg 20.00	17.00	18.00	21.00	21.00	20.00
	Shipping Weight	kg 25.00	22.00	23.00	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
Panel Size	Shipping Dimensions (WxHxD)	mm 898 x 357 x 898	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
	Panel model	- PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
	Panel Net Weight	kg 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
Additional Accessories	Net Dimensions (WDHxD)	mm 950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Shipping Dimensions (WDHxD)	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
OUTDOOR UNIT	Drain pump	- -	-	-	-	-	-
	Max. lifting Height / Displacement	mm / liter/h -	-	-	-	-	-
Compressor	Air Filter	- -	-	-	-	-	-
	Power Supply	Φ, #, V, Hz 1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	3,4380-415,50	1,220-240,50
Fan	Type	- Twin BLDC Rotary	- Twin BLDC Rotary	- Twin BLDC Rotary	- Twin BLDC Rotary	- Twin BLDC Rotary	- Twin BLDC Rotary
	Model	- UG5T450FXAJXSG	- UG4T200FUAJXSG	- UG8T300FUEJXSG	- UG5T450FUEJXSG	- UG5T450FUEJXSG	- UG5T450FUEJXSG
	Output	kW 4.01	1.79	2.82	4.12	4.12	4.12
Sound	Oil	Type POE	POE	POE	POE	POE	POE
	Initial Charge	cc 1700.00	650.00	1200.00	1700.00	1700.00	1700.00
External Dimension	Air Flow Rate	Cooling CMM 112.00	50.00	63.50	91.00	91.00	90.50
	Sound Pressure	Cooling / Heating dB(A) 49.0 / 51.0	49.0 / 51.0	52.0 / 53.0	50.0 / 52.0	50.0 / 52.0	51.0 / 52.0
Operating Temp. Range	Net Weight	kg 98.00	55.00	72.00	88.00	88.00	88.00
	Shipping Weight	kg 108.00	59.00	77.00	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
	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
Operating Temp. Range	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

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Optional Accessories





4Way Cassette S

- S-Plasma ion (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



		Premium			Deluxe		
Model Name	Indoor Unit	NS1254PXEA RC125PHXGA	NS1404PXEA RC140PHXEA	NS1404PXEA RC140PHXGA	AC052FB4DEHEU AC052FC4DEHEU	AC071FB4DEHEU AC071FC4DEHEU	AC090FB4DEHEU AC090FC4DEHEU
Mode	Indoor Unit	HEAT PUMP	HEAT PUMP	HEAT PUMP		HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW 11,900/12,500/14,000	kW 15,000/14,700/17,800	kW 15,000/14,700/17,800		kW 7,500/24,200/27,300	kW 10,200/30,700/34,100
	Heating (Min. / Std. / Max.)	kW 3,500/14,000/16,200	kW 11,900/14,700/17,800	kW 3,500/16,000/20,000		kW 1,900/8,000/9,000	kW 2,200/10,000/13,900
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.) kW 0.80/3.47/4.80	Cooling (Min. / Std. / Max.) kW 0.70/3.59/4.50	Cooling (Min. / Std. / Max.) kW 0.87/4.10/6.50		Cooling (Min. / Std. / Max.) kW 0.35/2.21/4.00	Cooling (Min. / Std. / Max.) kW 0.46/2.93/5.20
	Power Input (Nominal)	Heating (Min. / Std. / Max.) kW 2.10/5.80/12.00	Heating (Min. / Std. / Max.) kW 2.10/5.80/16.10	Heating (Min. / Std. / Max.) kW 2.10/7.10/12.00		Heating (Min. / Std. / Max.) kW 2.00/10.00/21.00	Heating (Min. / Std. / Max.) kW 2.50/12.50/22.70
	Current Input (Nominal)	Cooling (Min. / Std. / Max.) A 13.00 (MCA)	Cooling (Min. / Std. / Max.) A 15.00	Cooling (Min. / Std. / Max.) A 13.00 (MCA)		Cooling (Min. / Std. / Max.) A 20.30 (MCA)	Cooling (Min. / Std. / Max.) A 24.70 (MCA)
	MCA	Heating (Min. / Std. / Max.) A 15.00	Heating (Min. / Std. / Max.) A 33.00 (MCA)	Heating (Min. / Std. / Max.) A 15.00		Heating (Min. / Std. / Max.) A 25.00	Heating (Min. / Std. / Max.) A 30.00
	MFA	A 3.60	A 3.90	A 3.50		A 3.21	A 3.01
Energy Efficiency	EER (Nominal Cooling)	-	-	-		-	-
	COP (Nominal Heating)	-	-	-		-	-
Energy Grade	-	Energy Grade (C) A Energy Grade (H) A	Energy Grade (C) A Energy Grade (H) A	Energy Grade (C) A Energy Grade (H) A		Energy Grade (C) 6.0(A+) Energy Grade (H) 3.9(A)	Energy Grade (C) 5.6(A+) Energy Grade (H) 3.8(A)
Piping Connections	Liquid Pipe	Φ, mm 9.52	Φ, mm 9.52	Φ, mm 9.52		Φ, mm 6.35	Φ, mm 9.52
	Gas Pipe	Φ, inch 3/8"	Φ, inch 3/8"	Φ, inch 3/8"		Φ, inch 1/4"	Φ, inch 3/8"
	Installation Limitation	Max. Length (Outdoor to indoor) m 75(75)	Max. Length (Outdoor to indoor) m 75(75)	Max. Length (Outdoor to indoor) m 75(75)		Max. Length (Outdoor to indoor) m 50(55)	Max. Length (Outdoor to indoor) m 50(55)
	Field Wiring	Max. Height (Between ID/OD) m 30(30)	Max. Height (Between ID/OD) m 30(30)	Max. Height (Between ID/OD) m 30(30)		Max. Height (Between ID/OD) m 30(30)	Max. Height (Between ID/OD) m 30(30)
Refrigerant	Type R410A	Type R410A	Type R410A		Type R410A	Type R410A	
Factory Charging	kg 3.40	kg 3.80	kg 3.80		kg 1.80	kg 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
Motor	Type	Turbo Fan	Turbo Fan	Turbo Fan		Turbo Fan	Turbo Fan
Number of Unit	Output	EA 1.00	EA 1.00	EA 1.00		EA 1.00	EA 1.00
Air Flow Rate	High / Mid / Low	CMM 32.00/28.00/22.00	CMM 32.00/28.00/22.00	CMM 32.00/28.00/22.00		CMM 19.50/16.50/14.50	CMM 24.50/21.00/17.50
External Static Pressure	Min / Std / Max	Pa 533.33/466.67/366.67	Pa 533.33/466.67/366.67	Pa 533.33/466.67/366.67		Pa 325.00/275.00/241.67	Pa 408.33/350.00/291.67
Drain	Drain Pipe	Φ, mm VP25 (OD 32, ID 25)	Φ, mm VP25 (OD 32, ID 25)	Φ, mm VP25 (OD 32, ID 25)		Φ, mm VP25 (OD 32, ID 25)	Φ, mm VP25 (OD 32, ID 25)
Sound	Sound Pressure	dB(A) 44.00/40.0/36.0	dB(A) 45.00/41.5/38.0	dB(A) 45.00/41.5/38.0		dB(A) 37.00/35.0/30.0	dB(A) 40.00/36.0/32.0
External Dimension	Net Weight	kg 20.00	kg 20.00	kg 21.00		kg 15.00	kg 16.00
	Shipping Weight	kg 26.00	kg 26.00	kg 26.00		kg 20.00	kg 20.50
Panel Size	Net Dimensions (WxHxD)	mm 840 x 288 x 840	mm 840 x 288 x 840	mm 840 x 288 x 840		mm 840 x 204 x 840	mm 840 x 246 x 840
	Shipping Dimensions (WxHxD)	mm 898 x 357 x 898	mm 898 x 357 x 898	mm 898 x 357 x 898		mm 898 x 274 x 898	mm 898 x 316 x 898
	Panel model	PC4NUSKE	PC4NUSKE	PC4NUSKE		PC4NUSKE	PC4NUSKE
	Panel Net Weight	kg 5.90	kg 5.90	kg 5.90		kg 5.90	kg 5.90
Additional Accessories	Drain pump	mm 8.40	mm 8.40	mm 8.40		mm 8.40	mm 8.40
	Max. lifting Height / Displacement	mm 950 x 45 x 950	mm 950 x 45 x 950	mm 950 x 45 x 950		mm 950 x 45 x 950	mm 950 x 45 x 950
Air Filter	mm 1005 x 100 x 1005	mm 1005 x 100 x 1005	mm 1005 x 100 x 1005		mm 1005 x 100 x 1005	mm 1005 x 100 x 1005	
OUTDOOR UNIT							
Power Supply	Φ, #, V, Hz	3,4,380-415,50	1,2,220-240,50	3,4,380-415,50		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
Model	Model	UG5T450FUFJXSG	UG5T450FAXJXSG	UG5T450FAXJXSG		UG8T300FUE4SG	UG8T300FUE4SG
Output	Output	kW 4.12	kW 4.01	kW 4.01		kW 1.79	kW 2.82
Oil	Type	POE	POE	POE		POE	POE
Fan	Initial Charge	cc 1700.00	cc 1700.00	cc 1700.00		cc 650.00	cc 1200.00
Air Flow Rate	Cooling	CMM 90.50	CMM 101.00	CMM 101.00		CMM 50.00	CMM 63.50
Sound	Sound Pressure	dB(A) 1,508.33	dB(A) 1,683.33	dB(A) 1,683.33		dB(A) 833.33	dB(A) 1,058.33
External Dimension	Net Weight	kg 51.0 / 52.0	kg 51.0 / 53.0	kg 51.0 / 53.0		kg 49.0 / 51.0	kg 51.0 / 52.0
	Shipping Weight	kg 88.00	kg 98.00	kg 101.00		kg 55.00	kg 72.00
Operating Temp. Range	Cooling	mm 940 x 1210 x 330	mm 940 x 1420 x 330	mm 940 x 1420 x 330		mm 880 x 798 x 310	mm 940 x 998 x 330
	Heating	mm 995 x 1338 x 426	mm 1009 x 1548 x 419	mm 1009 x 1548 x 419		mm 1023 x 891 x 413	mm 995 x 1096 x 426
	°C	°C -15~50	°C -15~50	°C -15~50		°C -15~50	°C -15~50
	°C	°C -20~24	°C -20~24	°C -20~24		°C -20~24	°C -20~24

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Optional Accessories





4Way Cassette S

- S-Plasma ion (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



Deluxe

Model Name	Indoor Unit	AC100FB4DEH1EU AC100FC4DEH1EU	AC100FB4DEH2EU AC100FC4DEH2EU	NS1254DXEA RC125DHXGA	NS1254DXEA RC125DHXGA	NS1404DXEA RC140DHXGA	NS1404DXEA RC140DHXGA	
Mode	Indoor Unit	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	3.20/10.00/12.00 10,900/34,100/40,900	4.00/10.00/12.00 13,600/34,100/40,900	3.50/12.50/14.00 11,900/42,700/47,800	3.50/12.50/14.00 11,900/42,700/47,800	3.50/14.00/15.50 11,900/47,800/52,900	3.50/14.00/15.50 11,900/47,800/52,900	
	Heating (Min. / Std. / Max.)	2.20/11.20/15.50 7,500/38,200/52,900	3.50/11.20/15.50 11,900/38,200/52,900	3.00/14.00/16.20 10,200/47,800/55,300	3.00/14.00/16.20 10,200/47,800/55,300	3.50/16.00/18.00 11,900/54,600/61,400	3.50/16.00/18.00 11,900/54,600/61,400	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.) 0.60/3.32/4.70 Heating (Min. / Std. / Max.) 0.50/3.32/5.20	Cooling (Min. / Std. / Max.) 0.90/3.32/4.70 Heating (Min. / Std. / Max.) 0.70/3.28/5.50	Cooling (Min. / Std. / Max.) 0.80/3.89/4.50 Heating (Min. / Std. / Max.) 0.81/3.88/4.88	Cooling (Min. / Std. / Max.) 0.80/3.89/4.50 Heating (Min. / Std. / Max.) 0.81/3.88/4.88	Cooling (Min. / Std. / Max.) 0.80/4.36/5.40 Heating (Min. / Std. / Max.) 0.70/4.43/6.16	Cooling (Min. / Std. / Max.) 0.80/4.36/5.40 Heating (Min. / Std. / Max.) 0.70/4.43/6.16	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.) 3.00/15.10/20.50 Heating (Min. / Std. / Max.) 2.60/14.60/24.00	Cooling (Min. / Std. / Max.) 3.00/15.10/20.50 Heating (Min. / Std. / Max.) 2.60/14.60/24.00	Cooling (Min. / Std. / Max.) 4.00/18.00/20.00 Heating (Min. / Std. / Max.) 3.50/18.00/24.00	Cooling (Min. / Std. / Max.) 4.00/18.00/20.00 Heating (Min. / Std. / Max.) 3.50/18.00/24.00	Cooling (Min. / Std. / Max.) 3.70/20.00/24.00 Heating (Min. / Std. / Max.) 3.50/20.00/24.00	Cooling (Min. / Std. / Max.) 3.70/20.00/24.00 Heating (Min. / Std. / Max.) 3.50/20.00/24.00	
	MCA	A 24.70 (MCA)	A 12.70 (MCA)	A 25.00 (MCA)	A 13.00 (MCA)	A 25.00 (MCA)	A 13.00 (MCA)	
	MFA	A 30.00	A 15.00	A 30.00	A 15.00	A 30.00	A 15.00	
Energy Efficiency	EER (Nominal Cooling)	- 3.01	- 3.01	- 3.21	- 3.21	- 3.21	- 3.21	
	COP (Nominal Heating)	- 3.37	- 3.41	- 3.61	- 3.61	- 3.61	- 3.61	
	Energy Grade	- Energy Grade (C) 5.6(A+) Energy Grade (H) 3.8(A)	- Energy Grade (C) 5.6(A+) Energy Grade (H) 3.8(A)	- Energy Grade (C) A Energy Grade (H) A	- Energy Grade (C) A Energy Grade (H) A	- Energy Grade (C) A Energy Grade (H) A	- Energy Grade (C) A Energy Grade (H) A	
Piping Connections	Liquid Pipe	Φ, mm 9.52 Φ, inch 3/8"	Φ, mm 9.52 Φ, inch 3/8"	Φ, mm 9.52 Φ, inch 3/8"	Φ, mm 9.52 Φ, inch 3/8"	Φ, mm 9.52 Φ, inch 3/8"	Φ, mm 9.52 Φ, inch 3/8"	
	Gas Pipe	Φ, mm 15.88 Φ, inch 5/8"	Φ, mm 15.88 Φ, inch 5/8"	Φ, mm 15.88 Φ, inch 5/8"	Φ, mm 15.88 Φ, inch 5/8"	Φ, mm 15.88 Φ, inch 5/8"	Φ, mm 15.88 Φ, inch 5/8"	
	Installation Limitation	Max. Length (Outdoor to indoor) m 50(55) Max. Height (Between ID/OD) m 30(30)	Max. Length (Outdoor to indoor) m 50(55) Max. Height (Between ID/OD) m 30(30)	Max. Length (Outdoor to indoor) m 75(75) Max. Height (Between ID/OD) m 30(30)	Max. Length (Outdoor to indoor) m 75(75) Max. Height (Between ID/OD) m 30(30)	Max. Length (Outdoor to indoor) m 75(75) Max. Height (Between ID/OD) m 30(30)	Max. Length (Outdoor to indoor) m 75(75) Max. Height (Between ID/OD) m 30(30)	Max. Length (Outdoor to indoor) m 75(75) Max. Height (Between ID/OD) m 30(30)
	Field Wiring	Power Source Wire Transmission Cable	- 2.5 ~ 4.0 0.75 ~ 1.25	- 1.5 ~ 2.5 0.75 ~ 1.25	- 2.5 ~ 4.0 0.75 ~ 1.25	- 1.5 ~ 2.5 0.75 ~ 1.25	- 2.5 ~ 4.0 0.75 ~ 1.25	- 1.5 ~ 2.5 0.75 ~ 1.25
Refrigerant	Type	- R410A	- R410A	- R410A	- R410A	- R410A	- R410A	
	Control Method	- -	- -	- -	- -	- -	- -	
Factory Charging	kg	3.00	3.10	2.90	2.90	3.40	3.40	
INDOOR UNIT								
Power Supply	Φ, #, V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	
	Type	- Turbo Fan	- Turbo Fan	- Turbo Fan	- Turbo Fan	- Turbo Fan	- Turbo Fan	
	Motor	Output W 1.00	Output W 1.00	Output W 1.00	Output W 1.00	Output W 1.00	Output W 1.00	
	Number of Unit	EA 28.00/25.50/22.00	EA 28.00/25.50/22.00	EA 30.00/24.00/19.00	EA 30.00/24.00/19.00	EA 32.00/28.00/22.00	EA 32.00/28.00/22.00	
	Air Flow Rate	High / Mid / Low CMM 466.67/425.00/366.67	High / Mid / Low CMM 466.67/425.00/366.67	High / Mid / Low CMM 500.00/400.00/316.67	High / Mid / Low CMM 500.00/400.00/316.67	High / Mid / Low CMM 533.33/466.67/366.67	High / Mid / Low CMM 533.33/466.67/366.67	
	External Static Pressure	Min / Std / Max Pa -	Min / Std / Max Pa -	Min / Std / Max Pa -	Min / Std / Max Pa -	Min / Std / Max Pa -	Min / Std / Max Pa -	
Drain	Drain Pipe	Φ, mm VP25 (OD 32, ID 25)	Φ, mm VP25 (OD 32, ID 25)	Φ, mm VP25 (OD 32, ID 25)	Φ, mm VP25 (OD 32, ID 25)	Φ, mm VP25 (OD 32, ID 25)	Φ, mm VP25 (OD 32, ID 25)	
	Sound Pressure	High / Mid / Low dB(A) 44.00/39.0/34.0	High / Mid / Low dB(A) 44.00/39.0/34.0	High / Mid / Low dB(A) 44.00/40.0/36.0	High / Mid / Low dB(A) 44.00/40.0/36.0	High / Mid / Low dB(A) 45.00/41.5/38.0	High / Mid / Low dB(A) 45.00/41.5/38.0	
External Dimension	Net Weight	kg 16.00	kg 16.00	kg 18.00	kg 18.00	kg 20.00	kg 20.00	
	Shipping Weight	kg 20.50	kg 20.50	kg 24.00	kg 24.00	kg 26.00	kg 26.00	
	Net Dimensions (WxHxD)	mm 840 x 246 x 840	mm 840 x 246 x 840	mm 840 x 288 x 840	mm 840 x 288 x 840	mm 840 x 288 x 840	mm 840 x 288 x 840	
	Shipping Dimensions (WxHxD)	mm 898 x 316 x 898	mm 898 x 316 x 898	mm 898 x 357 x 898	mm 898 x 357 x 898	mm 898 x 357 x 898	mm 898 x 357 x 898	
Panel Size	Panel model	- PC4NUSKE	- PC4NUSKE	- PC4NUSKE	- PC4NUSKE	- PC4NUSKE	- PC4NUSKE	
	Panel Net Weight	kg 5.90	kg 5.90	kg 5.90	kg 5.90	kg 5.90	kg 5.90	
	Shipping Weight	kg 8.40	kg 8.40	kg 8.40	kg 8.40	kg 8.40	kg 8.40	
	Net Dimensions (WDHxD)	mm 950 x 45 x 950	mm 950 x 45 x 950	mm 950 x 45 x 950	mm 950 x 45 x 950	mm 950 x 45 x 950	mm 950 x 45 x 950	
Additional Accessories	Drain pump	- -	- -	- -	- -	- -	- -	
	Max. lifting Height / Displacement	mm / liter/h -	mm / liter/h -	mm / liter/h -	mm / liter/h -	mm / liter/h -	mm / liter/h -	
Air Filter	- -	- -	- -	- -	- -	- -		
OUTDOOR UNIT								
Power Supply	Φ, #, V, Hz	1,220-240,50	3,4380-415,50	1,220-240,50	3,4380-415,50	1,220-240,50	3,4380-415,50	
	Type	- Twin BLDC Rotary	- Twin BLDC Rotary	- Twin BLDC Rotary	- Twin BLDC Rotary	- Twin BLDC Rotary	- Twin BLDC Rotary	
Compressor	Model	- UG8T300FUBJUSG	- UG5T450FUEJXSG	- UG5T450FUEJXSG	- UG5T450FUEJXSG	- UG5T450FUEJXSG	- UG5T450FUEJXSG	
	Output	kW 2.82	kW 4.12	kW 4.12	kW 4.12	kW 4.12	kW 4.12	
	Oil	Type Initial Charge cc 1200.00	Type Initial Charge cc 1700.00	Type Initial Charge cc 1700.00	Type Initial Charge cc 1700.00	Type Initial Charge cc 1700.00	Type Initial Charge cc 1700.00	
Fan	Air Flow Rate	Cooling CMM 68.00	Cooling CMM 68.00	Cooling CMM 90.50	Cooling CMM 90.50	Cooling CMM 90.50	Cooling CMM 90.50	
	Sound Pressure	Cooling / Heating dB(A) 52.0 / 54.0	Cooling / Heating dB(A) 52.0 / 54.0	Cooling / Heating dB(A) 51.0 / 52.0	Cooling / Heating dB(A) 51.0 / 52.0	Cooling / Heating dB(A) 52.0 / 54.0	Cooling / Heating dB(A) 52.0 / 54.0	
External Dimension	Net Weight	kg 72.00	kg 81.00	kg 88.00	kg 91.00	kg 88.00	kg 91.00	
	Shipping Weight	kg 77.00	kg 86.00	kg 98.00	kg 101.00	kg 98.00	kg 101.00	
	Net Dimensions (WxHxD)	mm 940 x 998 x 330	mm 940 x 998 x 330	mm 940 x 1210 x 330	mm 940 x 1210 x 330	mm 940 x 1210 x 330	mm 940 x 1210 x 330	
	Shipping Dimensions (WxHxD)	mm 995 x 1096 x 426	mm 995 x 1096 x 426	mm 995 x 1338 x 426	mm 995 x 1338 x 426	mm 995 x 1338 x 426	mm 995 x 1338 x 426	
Operating Temp. Range	Cooling	°C -15 ~ -50	°C -15 ~ -50	°C -15 ~ -50	°C -15 ~ -50	°C -15 ~ -50	°C -15 ~ -50	
	Heating	°C -20 ~ -24	°C -20 ~ -24	°C -20 ~ -24	°C -20 ~ -24	°C -20 ~ -24	°C -20 ~ -24	

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Optional Accessories





Mini 4Way Cassette S

- Compact and Light Unit
- S-Plasma ion (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water



Model Name	Indoor Unit	AC026FBNDEH/EU	AC035FBNDEH/EU	AC052FBNDEH/EU	AC060FBNDEH/EU	AC071FBNDEH/EU
Mode	Outdoor Unit	AC026FCADH/EU	AC035FCADH/EU	AC052FCADH/EU	AC060FCADH/EU	AC071FCADH/EU
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	0.99/2.60/3.50	0.99/3.50/4.20	1.30/5.00/5.90	1.80/5.80/6.50	2.00/6.80/7.50
	Heating (Min. / Std. / Max.)	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	Power Input (Nominal)	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
	Current Input (Nominal)	1.00/3.70/5.50	1.60/5.60/6.80	2.60/7.50/9.50	1.90/8.30/11.50	1.90/10.20/11.50
	MCA	10.30 (MCA)	10.30 (MCA)	10.80 (MCA)	20.30 (MCA)	20.30 (MCA)
Energy Efficiency	EER (Nominal Cooling)	12.50	12.50	13.13	25.00	25.00
	COP (Nominal Heating)	3.56	3.21	3.01	3.20	3.01
	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++)
Piping Connections	Liquid Pipe	6.35	6.35	6.35	6.35	6.35
	Gas Pipe	1/4"	1/4"	1/4"	1/4"	1/4"
	Installation Limitation	20(25)	20(25)	30(35)	50(55)	50(55)
Field Wiring	Power Source Wire	2.5	2.5	2.5	2.5	2.5
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A
	Control Method	-	-	-	-	-
	Factory Charging	0.95	0.95	1.40	1.80	1.80
INDOOR UNIT						
Power Supply	Type	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
	Motor	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Number of Unit	65.00	65.00	65.00	65.00	65.00
	Air Flow Rate	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	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
Drain	Drain Pipe	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Sound	Sound Pressure	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
External Dimension	Net Weight	11.00	11.00	11.70	12.00	12.00
	Shipping Weight	13.00	13.00	13.70	14.00	14.00
	Net Dimensions (WxHxD)	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)	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	2.70	2.70	2.70	2.70	2.70
	Shipping Weight	4.20	4.20	4.20	4.20	4.20
	Net Dimensions (WxHxD)	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)	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	-	-	-	-	-
	Air Filter	-	-	-	-	-
OUTDOOR UNIT						
Power Supply	Type	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	Model	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Output	UG4C090LUDJR	UG4C090LUDJR	UG4T150FUDJQ	UG4T200FUA4SG	UG4T200FUA4SG
	Oil	0.86	0.86	1.37	1.79	1.79
	Initial Charge	320.00	320.00	650.00	650.00	650.00
Fan	Air Flow Rate	29.00	30.00	33.00	52.00	52.00
	Sound Pressure	483.33	500.00	550.00	833.33	866.67
Sound	Sound Pressure	46.0 / 47.0	47.0 / 48.0	48.0 / 49.0	49.0 / 50.0	49.0 / 51.0
External Dimension	Net Weight	33.00	33.00	38.50	55.00	55.00
	Shipping Weight	37.00	37.00	42.50	59.00	59.00
	Net Dimensions (WxHxD)	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)	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	-10~46	-10~46	-10~46	-15~46	-15~50
	Heating	-15~24	-15~24	-15~24	-20~24	-20~24

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Optional Accessories



Slim 1Way Cassette



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



Model Name	Indoor Unit		AC026FB1DEH/EU	AC035FB1DEH/EU
Mode	Outdoor Unit		AC026FCADEH/EU	AC035FCADEH/EU
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	-	0.98/2.60/3.50	0.98/3.50/4.10
	Heating (Min. / Std. / Max.)	-	3,300/8,900/11,900	3,300/11,900/14,000
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.25/0.74/1.12	0.25/1.16/1.42
	Current Input (Nominal)	Heating (Min. / Std. / Max.)	1.60/3.40/5.20	1.60/5.40/6.60
	MCA	Cooling (Min. / Std. / Max.)	10.30 (MCA)	10.30 (MCA)
	MFA	Heating (Min. / Std. / Max.)	12.50	12.50
Energy Efficiency	EER (Nominal Cooling)	-	3.51	3.02
	COP (Nominal Heating)	-	3.63	3.45
	Energy Grade	-	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)	20(25)	20(25)
		Max. Height (Between ID/OD)	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	0.95
INDOOR UNIT				
Power Supply	Type	Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Motor	Output	20.00	20.00
	Number of Unit	EA	1.00	1.00
	Air Flow Rate	High / Mid / Low	8.00/7.00/6.00	9.50/8.00/6.50
	External Static Pressure	Min / Std / Max	133.33/116.67/100.00	158.33/133.33/108.33
		Pa	-	-
Drain	Drain Pipe	Φ, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)
Sound	Sound Pressure	High / Mid / Low	30.00/27.5/25.0	33.00/30.0/27.0
External Dimension	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 (WDHxD)	mm	1180 x 25 x 460	1180 x 25 x 460
	Shipping Dimensions (WDHxD)	mm	1259 x 144 x 539	1259 x 144 x 539
Additional Accessories	Drain pump	Drain pump	-	-
	Air Filter	Max. lifting Height / Displacement	-	-
		mm / liter/h	-	-
OUTDOOR UNIT				
Power Supply	Type	Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
Compressor	Model	-	Single BLDC Rotary	Single BLDC Rotary
	Output	kW	0.86	0.86
	Oil	Type	POE	POE
		Initial Charge	320.00	320.00
Fan	Air Flow Rate	Cooling	29.00	30.00
		Heating	483.33	500.00
Sound	Sound Pressure	Cooling / Heating	47.0 / 47.0	47.0 / 47.0
External Dimension	Net Weight	kg	33.00	33.00
	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

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Optional Accessories



Standard Accessories



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	AC052FBMDEH/EU	AC052FCADH/EU	AC071FBMDEH/EU	AC071FCADH/EU	AC090FBMDEH/EU	AC090FCADH/EU	AC100FBMDEH/EU	AC100FCADH/EU	AC100FBMDEH/EU	AC100FCADH/EU
Mode			HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.00/5.00/6.00	3.400/17.100/20.500	2.20/7.10/8.00	7.500/24.200/27.300	2.80/9.00/11.50	9.600/30.700/39.200	3.20/10.00/12.00	10.900/34.100/40.900	3.20/10.00/12.00	10.900/34.100/40.900
	Heating (Min. / Std. / Max.)	kW	0.75/6.00/7.20	2.600/20.500/24.600	1.90/8.00/9.00	6.500/27.300/30.700	3.00/10.00/15.50	10.200/34.100/52.900	3.00/11.20/15.50	10.200/34.100/52.900	3.00/11.20/15.50	10.200/34.100/52.900
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.43/1.56/2.20	0.33/1.66/2.30	0.35/2.21/4.00	0.35/2.22/4.00	0.82/2.80/3.80	0.80/2.77/5.20	0.88/3.22/5.00	0.71/3.10/5.50	0.88/3.22/5.00	0.88/3.22/5.00
	Power Input (Nominal)	Heating (Min. / Std. / Max.)	2.20/7.50/10.00	1.90/7.80/10.00	2.00/10.50/21.00	2.00/10.50/21.00	4.00/13.00/16.50	4.00/13.00/16.50	4.00/15.20/21.00	4.00/15.20/21.00	4.00/15.20/21.00	4.00/15.20/21.00
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	10.80 (MCA)	13.13	25.00	25.00	30.00	30.00	30.00	30.00	30.00	30.00
	Current Input (Nominal)	Heating (Min. / Std. / Max.)	3.21	3.61	3.21	3.60	3.21	3.61	3.11	3.61	3.11	3.61
Energy Efficiency	EER (Nominal Cooling)		3.61	3.61	3.60	3.60	3.61	3.61	3.61	3.61	3.61	3.61
	COP (Nominal Heating)		3.61	3.61	3.60	3.60	3.61	3.61	3.61	3.61	3.61	3.61
Energy Grade			Energy Grade (C) 5.6(A+)		Energy Grade (C) 5.7(A+)		Energy Grade (C) 5.4(A)		Energy Grade (C) 5.2(A)		Energy Grade (C) 5.1(A)	
			Energy Grade (H) 3.6(A)		Energy Grade (H) 3.8(A)		Energy Grade (H) 3.7(A)		Energy Grade (H) 3.5(A)		Energy Grade (H) 3.5(A)	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52	9.52
	Liquid Pipe	Φ, inch	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	12.70	12.70	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88
	Gas Pipe	Φ, inch	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Installation Limitation	Max. Length (Outdoor to indoor)	m	30(35)	30(35)	50(55)	50(55)	50(55)	50(55)	50(55)	50(55)	50(55)	50(55)
	Max. Height (Between ID/OD)	m	20(20)	20(20)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)
Field Wiring	Power Source Wire		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	2.5 ~ 4.0	2.5 ~ 4.0
	Transmission Cable		0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.0	0.75 ~ 1.0	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	R410A	R410A	R410A	R410A
	Control Method		-	-	-	-	-	-	-	-	-	-
Factory Charging	kg		1.40	1.80	1.80	3.00	3.00	3.00	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	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	Sirocco Fan	Turbo Fan/BLDC	Turbo Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC
Motor	Output	W	-	-	-	-	-	-	-	-	-	-
	Number of Unit	EA	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Air Flow Rate	High / Mid / Low	CMM	20.00/18.00/15.50	20.00/18.00/15.50	22.00/20.00/17.50	22.00/20.00/17.50	33.00/31.00/28.00	33.00/31.00/28.00	33.00/31.00/28.00	33.00/31.00/28.00	33.00/31.00/28.00	33.00/31.00/28.00
		l/s	333.33/300.00/258.33	333.33/300.00/258.33	366.67/333.33/291.67	366.67/333.33/291.67	550.00/516.67/466.67	550.00/516.67/466.67	550.00/516.67/466.67	550.00/516.67/466.67	550.00/516.67/466.67	550.00/516.67/466.67
External Static Pressure	Min / Std / Max	mmAq	0.00/2.50/8.00	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	0.00/4.00/10.00	0.00/4.00/10.00	0.00/4.00/10.00	0.00/4.00/10.00
		Pa	0.00/24.52/78.45	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	0.00/39.23/98.07	0.00/39.23/98.07	0.00/39.23/98.07	0.00/39.23/98.07
Sound	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)	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)
		dB(A)	37.00/35.5/33.0	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	39.00/37.0/35.0	39.00/37.0/35.0	39.00/37.0/35.0	39.00/37.0/35.0
External Dimension	Net Weight	kg	29.50	29.50	33.00	33.00	37.00	37.00	37.00	37.00	37.00	37.00
	Shipping Weight	kg	34.50	34.50	40.00	40.00	43.00	43.00	43.00	43.00	43.00	43.00
	Net Dimensions (WxHxD)	mm	900 x 260 x 480	900 x 260 x 480	1150 x 260 x 480	1150 x 260 x 480	1150 x 320 x 480	1150 x 320 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	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	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	Drain pump	Drain pump	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1	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	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	3,4,380-415,50
	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
Compressor	Model		UG4T150FUDJQ	UG4T150FUDJQ	UG4T200FUA4SG	UG4T200FUA4SG	UG8T300FUBJUSG	UG8T300FUBJUSG	UG8T300FUBJUSG	UG8T300FUBJUSG	UG8T300FUBJUSG	UG8T300FUBJUSG
	Output	kW	1.37	1.37	1.79	1.79	2.82	2.82	2.82	2.82	2.82	4.12
Oil	Type		POE	POE	POE	POE	POE	POE	POE	POE	POE	POE
	Initial Charge	cc	650.00	650.00	650.00	650.00	1200.00	1200.00	1200.00	1200.00	1200.00	1700.00
Fan	Air Flow Rate	Cooling / Heating	CMM	33.00	33.00	52.00	52.00	63.50	63.50	63.50	63.50	63.50
			l/s	550.00	550.00	866.67	866.67	1,058.33	1,058.33	1,058.33	1,058.33	1,058.33
Sound	Sound Pressure	Cooling / Heating	dB(A)	49.0 / 49.0	49.0 / 49.0	49.0 / 51.0	49.0 / 51.0	51.0 / 53.0	51.0 / 53.0	51.0 / 53.0	51.0 / 53.0	52.0 / 53.0
				38.50	38.50	55.00	55.00	72.00	72.00	72.00	72.00	81.00
External Dimension	Net Weight	kg	42.50	42.50	59.00	59.00	77.00	77.00	77.00	77.00	77.00	86.00
	Shipping Weight	kg	790 x 548 x 285	790 x 548 x 285	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330
	Net Dimensions (WxHxD)	mm	926 x 655 x 382	926 x 655 x 382	1023 x 891 x 413	1023 x 891 x 413	995 x 1096 x 426	995 x 1096 x 426	995 x 1096 x 426	995 x 1096 x 426	995 x 1096 x 426	995 x 1096 x 426
	Shipping Dimensions (WxHxD)	mm	-	-	-	-	-	-	-	-	-	-
Operating Temp. Range	Cooling	°C	-15~46	-15~46	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-15~24	-15~24	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24

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Optional Accessories



Standard Accessories



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	NS12SDXEA	NS12SDXEA	NS14SDXEA	NS14SDXEA	AC052FBMSEH/EU	
Mode	Outdoor Unit	RC12SDHXEB	RC12SDHXGA	RC14SDHXEB	RC14SDHXGA	AC052FCASEH/EU	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	3.45/12.50/14.00	3.45/12.50/14.00	3.45/14.00/15.40	3.45/14.00/15.40	1.10/5.00/5.90	
	Heating (Min. / Std. / Max.)	11,800/42,700/47,800	11,800/42,700/47,800	11,800/47,800/52,500	11,800/47,800/52,500	3,800/17,100/20,100	
Power	Power Input (Nominal)	1.25/3.89/5.30	1.25/3.89/5.30	1.25/4.65/5.70	1.25/4.65/5.70	0.39/1.84/2.05	
	Current Input (Nominal)	5.70/18.00/24.30	5.70/18.00/24.30	5.70/21.30/26.10	5.70/21.30/26.10	2.10/8.50/9.30	
	MCA	26.00 (MCA)	14.00 (MCA)	26.00 (MCA)	26.00 (MCA)	12.15 (MCA)	
	MFA	30.00	15.40	30.00	30.00	13.40	
Energy Efficiency	EER (Nominal Cooling)	3.21	3.21	3.01	3.01	2.72	
	COP (Nominal Heating)	3.61	3.61	3.61	3.61	3.31	
	Energy Grade	Energy Grade (C) A	Energy Grade (H) A	Energy Grade (C) B	Energy Grade (H) A	Energy Grade (C) 4.1 (C)	
Piping Connections	Liquid Pipe	9.52	9.52	9.52	9.52	6.35	
	Gas Pipe	15.88	15.88	19.05	19.05	12.70	
	Installation Limitation	75(75)	75(75)	75(75)	75(75)	30(35)	
	Field Wiring	30(30)	30(30)	30(30)	30(30)	20(20)	
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	-	-	-	-	
INDOOR UNIT	Power Supply	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	
	Motor	Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC	Sirocco Fan	
Sound	Sound Pressure	42.00/38.50/35.00	42.00/38.50/35.00	43.00/39.00/35.00	43.00/39.00/35.00	14.50/13.00/11.50	
	External Static Pressure	700.00/641.67/583.33	700.00/641.67/583.33	716.67/650.00/583.33	716.67/650.00/583.33	241.67/216.67/191.67	
	Drain Pipe	0.00/6.00/14.00	0.00/6.00/14.00	0.00/6.00/14.00	0.00/6.00/14.00	0.00/3.00/6.00	
	Sound Pressure	0.00/58.84/137.29	0.00/58.84/137.29	0.00/58.84/137.29	0.00/58.84/137.29	0.00/29.42/58.84	
External Dimension	Net Weight	55.00	55.00	55.00	55.00	29.00	
	Shipping Weight	60.00	60.00	60.00	60.00	34.00	
	Net Dimensions (WxHxD)	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	900 x 260 x 480	
	Shipping Dimensions (WxHxD)	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1146 x 363 x 584	
Additional Accessories	Drain pump	MDP-M075SGU2	MDP-M075SGU2	MDP-M075SGU2	MDP-M075SGU2	MDP-M075SGU1	
	Air Filter	-	-	-	-	-	
	OUTDOOR UNIT	Power Supply	1,2,220-240.50	3,4,380-415.50	1,2,220-240.50	3,4,380-415.50	1,2,220-240.50
	Compressor	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	
Fan	Air Flow Rate	4.12	4.12	4.12	4.12	1.37	
	Sound Pressure	1700.00	1700.00	1700.00	1700.00	650.00	
	Net Weight	90.50	90.50	90.50	90.50	37.00	
	Shipping Weight	1,508.33	1,508.33	1,508.33	1,508.33	616.67	
External Dimension	Net Dimensions (WxHxD)	51.0 / 52.0	51.0 / 52.0	52.0 / 54.0	52.0 / 54.0	49.0 / 49.0	
	Shipping Dimensions (WxHxD)	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	790 x 548 x 285	
	Operating Temp. Range	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	926 x 655 x 382	
	Initial Charge	1700.00	1700.00	1700.00	1700.00	650.00	
Operating Temp. Range	Cooling	-15~50	-15~50	-15~50	-15~50	-5~43	
	Heating	-20~24	-20~24	-20~24	-20~24	-15~24	

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Optional Accessories



Standard Accessories



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	Outdoor Unit	AC071FBMSEH/EU	AC071FCASEH/EU	AC090FBMSEH/EU	AC090FCASEH/EU	AC100FBMSEH/EU	AC100FCASEH/EU
Mode			HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		1.60/7.00/8.00		2.80/9.00/10.00		2.80/10.00/11.50	
	Heating (Min. / Std. / Max.)		5.500/23.900/27.300		9.600/30.700/34.100		9.600/34.100/39.200	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.55/2.79/2.92		0.82/3.20/4.50		0.82/3.99/4.50	
	Current Input (Nominal)	Heating (Min. / Std. / Max.)	2.70/14.50/14.80		3.80/14.00/19.50		3.80/16.00/19.50	
Energy Efficiency	EER (Nominal Cooling)		2.51		2.81		2.81	
	COP (Nominal Heating)		3.21		3.31		3.01	
Piping Connections	Liquid Pipe	Φ, mm	6.35		9.52		9.52	
	Gas Pipe	Φ, mm	15.88		15.88		15.88	
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		-		-		-	
INDOOR UNIT	Power Supply	Φ, #, V, Hz	1,2,220-240.50		1,2,220-240.50		1,2,220-240.50	
	Motor	Output	Sirocco Fan		Sirocco Fan		Sirocco Fan	
Sound	Sound Pressure	High / Mid / Low	21.50/19.70/18.00		24.00/22.00/20.00		24.00/22.00/20.00	
	External Static Pressure	Min / Std / Max	358.33/328.33/300.00		400.00/366.67/333.33		400.00/366.67/333.33	
External Dimension	Net Weight		29.00		34.00		35.00	
	Shipping Weight		34.00		40.00		60.00	
Panel Size	Net Dimensions (WxHxD)		900 x 260 x 480		1150 x 260 x 480		1150 x 260 x 480	
	Shipping Dimensions (WxHxD)		1146 x 363 x 584		1405 x 354 x 593		1405 x 354 x 593	
Additional Accessories	Drain pump	Drain pump	MDP-M075SGU1		MDP-M075SGU1		MDP-M075SGU1	
	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	Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary	
Fan	Air Flow Rate	Cooling / Heating	52.00		68.00		68.00	
	Sound Pressure		52.0 / 52.0		52.0 / 53.0		52.0 / 53.0	
External Dimension	Net Weight		47.00		72.00		72.00	
	Shipping Weight		52.00		77.00		77.00	
Operating Temp. Range	Cooling		-5~43		-15~50		-15~50	
	Heating		-20~24		-20~24		-20~24	

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Optional Accessories



Standard Accessories



Slim Duct



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



Model Name	Indoor Unit	Outdoor Unit	AC035FBLDEH/EU	AC035FCADH/EU	AC052FBLDEH/EU	AC052FCADH/EU	AC071FBLDEH/EU	AC071FCADH/EU
Mode			HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		0.95/3.50/4.00	3.200/11,900/13,600	1.20/5.00/6.00	4,100/17,100/20,500	2.20/7.10/8.00	7,500/24,200/27,300
	Heating (Min. / Std. / Max.)		0.72/4.00/4.60	2,500/13,600/15,700	0.70/6.00/7.00	2,400/20,500/23,900	1.90/8.00/9.00	6,500/27,300/30,700
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.21/1.25/1.45	0.18/1.17/1.40	0.23/1.66/2.20	0.28/1.66/2.20	0.35/2.21/4.00	0.35/2.32/4.00
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	1.60/6.00/6.60	1.20/5.70/6.60	1.30/8.00/9.80	1.60/7.90/10.00	2.00/10.50/21.00	2.00/10.50/21.00
	MCA		10.30 (MCA)	10.30 (MCA)	10.80 (MCA)	10.80 (MCA)	20.30 (MCA)	20.30 (MCA)
	MFA		12.50	12.50	13.13	13.13	25.00	25.00
	EER (Nominal Cooling)		2.81	2.81	3.01	3.01	3.21	3.21
Energy Efficiency	COP (Nominal Heating)		3.41	3.41	3.61	3.61	3.45	3.45
	Energy Grade		Energy Grade (C) 5.30 (A)	Energy Grade (H) 3.40 (A)	Energy Grade (C) 5.1(A)	Energy Grade (H) 3.6(A)	Energy Grade (C) 5.4(A)	Energy Grade (H) 3.6(A)
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	12.70	12.70	15.88	15.88	
		Φ, inch	3/8"	1/2"	1/2"	5/8"	5/8"	
Installation Limitation	Max. Length (Outdoor to indoor)	m	20(25)	30(35)	30(35)	50(55)	50(55)	
	Max. Height (Between ID/OD)	m	15(15)	20(20)	20(20)	30(30)	30(30)	
Field Wiring	Power Source Wire		1.5	2.0	2.0	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	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	
	Control Method		-	-	-	-	-	
Factory Charging	kg		0.95	1.40	1.40	1.30	1.30	
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	Sirocco Fan	Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC	
Motor	Output	W	-	-	-	-	-	
	Number of Unit	EA	1.00	1.00	1.00	1.00	1.00	
Air Flow Rate	High / Mid / Low	CMM	10,009.00/8.00	13,501/12,501/11.00	19,001/17,001/15.00	19,001/17,001/15.00	19,001/17,001/15.00	
		l/s	166.67/150.00/133.33	225.00/208.33/183.33	316.67/283.33/250.00	316.67/283.33/250.00	316.67/283.33/250.00	
External Static Pressure	Min / Std / Max	mmAq	0.00/2.50/4.00	0.00/2.00/4.00	0.00/2.00/4.00	0.00/2.50/4.00	0.00/2.50/4.00	
		Pa	0.00/24.52/39.23	0.00/19.61/39.23	0.00/19.61/39.23	0.00/24.52/39.23	0.00/24.52/39.23	
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)	
	Sound Pressure	High / Mid / Low	32.00/29.5/27.0	33.00/31.5/30.0	36.00/34.0/32.0	36.00/34.0/32.0	36.00/34.0/32.0	
External Dimension	Net Weight	kg	26.00	31.00	31.00	34.00	34.00	
	Shipping Weight	kg	31.00	39.00	39.00	40.00	40.00	
	Net Dimensions (WxHxD)	mm	900 x 199 x 600	1100 x 199 x 600	1100 x 199 x 600	1100 x 199 x 600	1100 x 199 x 600	
	Shipping Dimensions (WxHxD)	mm	1150 x 280 x 710	1350 x 280 x 710	1350 x 280 x 710	1350 x 280 x 710	1350 x 280 x 710	
Panel Size	Panel model		-	-	-	-	-	
	Panel Net Weight	kg	-	-	-	-	-	
	Shipping Weight	kg	-	-	-	-	-	
	Net Dimensions (WxHxD)	mm	-	-	-	-	-	
Additional Accessories	Drain pump		MDP-E075SEE3	MDP-E075SEE3	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	1,2,220-240.50	1,2,220-240.50	
	Type		Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	
Compressor	Model		UG4C090LUDJR	UG4T150FUDJQ	UG4T150FUDJQ	UG4T200FUA4SG	UG4T200FUA4SG	
	Output	KW	0.86	1.37	1.37	1.79	1.79	
Oil	Type		POE	POE	POE	POE	POE	
	Initial Charge	cc	320.00	650.00	650.00	650.00	650.00	
Fan	Air Flow Rate	Cooling	30.00	33.00	33.00	52.00	52.00	
		Heating	500.00	550.00	550.00	866.67	866.67	
Sound	Sound Pressure	Cooling / Heating	47.0 / 47.0	48.0 / 49.0	48.0 / 49.0	49.0 / 51.0	49.0 / 51.0	
	Net Weight		33.00	38.50	38.50	55.00	55.00	
External Dimension	Shipping Weight		37.00	42.50	42.50	59.00	59.00	
	Net Dimensions (WxHxD)		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)		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	-10~46	-10~46	-10~46	-15~50	-15~50	
	Heating	-15~24	-15~24	-15~24	-20~24	-20~24		

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Optional Accessories



Standard Accessories



P Series (Maldives)



Model Name	Indoor Unit	Outdoor Unit	AC026FBRDEH/EU AC026FCADH/EU	AC035FBRDEH/EU AC035FCADH/EU	AC052FBRDEH/EU AC052FCADH/EU	AC071FBRDEH/EU AC071FCADH/EU
Mode	-	-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	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.)	kW	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	Power Input (Nominal)	kW	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)	A	1.00/3.40/7.00	1.60/5.10/7.00	2.60/7.20/9.80	2.00/10.50/21.00
Energy Efficiency	EER (Nominal Cooling)	-	4.00	3.21	3.11	3.01
	COP (Nominal Heating)	-	3.61	3.42	3.41	2.81
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35
	Gas Pipe	Φ, mm	9.52	9.52	12.70	15.88
Field Wiring	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	-	-	-	-	-
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
Drain	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
External Dimension	Net Weight	kg	8.20	8.20	11.50	11.50
	Shipping Weight	kg	10.20	10.20	14.50	14.50
Panel Size	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
Additional Accessories	Drain pump	-	-	-	-	-
	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
	Compressor	Type	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Fan	Air Flow Rate	Cooling / Heating	47.0 / 47.0	47.0 / 47.0	49.0 / 49.0	49.0 / 51.0
	Sound Pressure	dB(A)	47.0 / 47.0	47.0 / 47.0	49.0 / 49.0	49.0 / 51.0
External Dimension	Net Weight	kg	33.00	33.00	38.50	55.00
	Shipping Weight	kg	37.00	37.00	42.50	59.00
Operating Temp. Range	Cooling	°C	-10 ~ -46	-10 ~ -46	-10 ~ -46	-15 ~ -50
	Heating	°C	-15 ~ -24	-15 ~ -24	-15 ~ -24	-20 ~ -24

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Optional Accessories



Standard Accessories





Console

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



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

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Optional Accessories



Standard Accessories



Ceiling

- 2Way Installation
- Compact but Powerful



Model Name	Indoor Unit	Outdoor Unit	AC052FBCDEH/EU	AC071FBCDEH/EU
Mode			HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.70/5.00/5.60	2.20/7.10/8.00
	Heating (Min. / Std. / Max.)	kW	5.800/17.100/19.100	7.500/24.200/27.300
Power	Power Input (Nominal)	kW	0.48/1.66/1.90	0.35/2.36/4.00
	Heating (Min. / Std. / Max.)	kW	0.43/1.87/3.05	0.35/2.75/4.00
	Current Input (Nominal)	A	2.80/7.80/9.00	2.00/10.50/21.00
	MCA	A	10.80 (MCA)	20.30 (MCA)
	MFA	A	13.13	25.00
Energy Efficiency	EER (Nominal Cooling)	-	3.01	3.01
	COP (Nominal Heating)	-	3.21	2.91
	Energy Grade	-	Energy Grade (C) 5.30 (A) Energy Grade (H) 3.60 (A)	Energy Grade (C) 5.10 (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)
	Max. Height (Between ID/OD)	m	20(20)	30(30)
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	Type	Φ, #, V, Hz	1,2,220-240.50	1,2,220-240.50
	Motor	Output	Turbo Fan/BLDC	Turbo Fan/BLDC
	Number of Unit	W	35.00	35.00
	Air Flow Rate	EA	1.00	1.00
		CMM	13.50/12.50/11.50	16.50/15.00/14.00
	External Static Pressure	l/s	225.00/208.33/191.67	275.00/250.00/233.33
Drain	Drain Pipe	mm	VP18 (OD 19, ID 16)	VP18 (OD 19, ID 16)
	Sound Pressure	High / Mid / Low	41.00/39.0/37.0	46.00/44.0/42.0
External Dimension	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
	Shipping Dimensions (WxHxD)	mm	1080 x 300 x 730	1080 x 300 x 730
Panel Size	Panel model	-	-	-
	Panel Net Weight	kg	-	-
	Shipping Weight	kg	-	-
	Net Dimensions (WDHxD)	mm	-	-
Additional Accessories	Drain pump	Drain pump	-	-
	Air Filter	Max. lifting Height / Displacement	-	-
		mm / liter/h	-	-
OUTDOOR UNIT				
Power Supply	Type	Φ, #, V, Hz	1,2,220-240.50	1,2,220-240.50
	Compressor	-	Twin BLDC Rotary	Twin BLDC Rotary
	Model	-	UG4T150FUDJQDO	UG4T200FJAE4
	Output	kW	1.37	1.79
Fan	Oil	Type	POE	POE
	Initial Charge	cc	650.00	650.00
	Air Flow Rate	Cooling	33.00	52.00
Sound	Sound Pressure	Cooling / Heating	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	-10 ~ -46	-15 ~ -50
	Heating	°C	-15 ~ -24	-20 ~ -24

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Optional Accessories



Standard Accessories



Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)	AC026FB1DEH / AC026FCADEH	AC026FB1DEH/EU / AC026FCADEH/EU	AC026FBNDEH / AC026FCADEH	AC026FBRDEH/EU / AC026FCADEH/EU	AC035FB1DEH / AC035FCADEH	AC035FB1DEH/EU / AC035FCADEH/EU
Sound Power Level (Inside/Outside)	dBA	52/60	53/61	48/60	53/60	55/62
Refrigerant name ¹⁾	-	R-410A	R-410A	R-410A	R-410A	R-410A
GWP	-	1975	1975	1975	1975	1975
SEER	-	5.6	5.4	6.7	5.9	5.4
Energy efficiency class (SEER)	-	A+	A	A++	A+	A
QCE ²⁾ (cooling season)	kWh/a	163	169	136	154	227
Pdesignc	kW	2.6	2.6	2.6	2.6	3.5
SCOP	-	3.8	4.0	4.0	3.9	3.8
Energy efficiency class (SCOP)	-	A	A+	A+	A	A
QHE ³⁾ (heating season)	kWh/a	921	805	840	862	921
Other heating seasons suitable for use	-	N/A	N/A	N/A	N/A	N/A
Pdesignh (Average)	kW	2.5	2.3	2.4	2.4	2.5
Pdesignh (Warmer)	kW	-	-	-	-	-
Pdesignh (Colder)	kW	-	-	-	-	-
Declared capacity at reference design conditions	kW	2.5	2.3	2.4	2.4	2.5
Assumed backup heating capacity	kW	0	0	0	0	0

Model name (Indoor/Outdoor)	AC035FBLDEH/EU / AC035FCADEH/EU	AC035FBNDEH / AC035FCADEH	AC035FBRDEH/EU / AC035FCADEH/EU	AC052FB4DEH / AC052FCADEH	AC052FBCDEH/EU / AC052FCADEH/EU	AC052FB1DEH/EU / AC052FCADEH/EU
Sound Power Level (Inside/Outside)	dBA	54/62	50/62	55/62	51/64	60/64
Refrigerant name ¹⁾	-	R-410A	R-410a	R-410A	R-410A	R-410A
GWP	-	1975	1975	1975	1975	1975
SEER	-	5.3	6.5	5.6	6.4	5.3
Energy efficiency class (SEER)	-	A	A++	A+	A++	A
QCE ²⁾ (cooling season)	kWh/a	231	189	219	279	330
Pdesignc	kW	3.5	3.5	3.5	5.1	5.0
SCOP	-	3.4	4.0	3.9	4.0	3.6
Energy efficiency class (SCOP)	-	A	A+	A	A+	A
QHE ³⁾ (heating season)	kWh/a	988	840	898	1050	1400
Other heating seasons suitable for use	-	N/A	N/A	N/A	N/A	N/A
Pdesignh (Average)	kW	2.4	2.4	2.5	3.0	3.6
Pdesignh (Warmer)	kW	-	-	-	-	-
Pdesignh (Colder)	kW	-	-	-	-	-
Declared capacity at reference design conditions	kW	2.4	2.4	2.5	3.0	3.6
Assumed backup heating capacity	kW	0	0	0	0	0

*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

*2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

*3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)	AC071FBNDEH/EU / AC071FCADH/EU	AC071FBRDEH/EU / AC071FCADH/EU	AC090FB4DEH / AC090FCADH/EU	AC090FB4PEH / AC090FCADH/EU	AC090FBMDEH/EU / AC090FCADH/EU	AC090FBMSEH / AC090FCADH/EU	AC100FB4DEH / AC100FCADH/EU
Sound Power Level (Inside/Outside)	58/66	63/67	57/68	58/67	65/67	65/68	58/69
Refrigerant name ¹⁾	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
GWP	1975	1975	1975	1975	1975	1975	1975
SEER	6.1	6.0	5.6	6.4	5.4	4.3	5.6
Energy efficiency class (SEER)	A++	A+	A+	A++	A	C	A+
QCE ²⁾ (cooling season)	390	414	563	492	583	733	625
Pdesignc	6.8	7.1	9.0	9.0	9.0	9	10.0
SCOP	3.8	3.8	3.8	4.2	3.7	3.4	3.8
Energy efficiency class (SCOP)	A	A	A	A+	A	A	A
QHE ³⁾ (heating season)	1769	1842	2432	2533	2573	2800	2800
Other heating seasons suitable for use	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pdesignh (Average)	4.8	5.0	6.6	7.6	6.8	6.8	7.6
Pdesignh (Warmer)	-	-	-	-	-	-	-
Pdesignh (Colder)	-	-	-	-	-	-	-
Declared capacity at reference design conditions	4.8	5.0	6.6	7.6	6.8	6.8	7.6
Assumed backup heating capacity	0	0	0	0	0	0	0

Model name (Indoor/Outdoor)	AC100FB4DEH / AC100FCADGH	AC100FB4FEH / AC100FCADH/EU	AC100FB4PEH / AC100FCADH/EU	AC100FB4PEH / AC100FCADGH	AC100FBMDEH/EU / AC100FCADH/EU	AC100FBMSEH / AC100FCADH/EU	AC100FBMSEH / AC100FCADH/EU
Sound Power Level (Inside/Outside)	58/68	60/68	59/66	59/66	65/68	65/68	65/69
Refrigerant name ¹⁾	R-410A	R-410a	R-410A	R-410A	R-410A	R-410A	R-410a
GWP	1975	1975	1975	1975	1975	1975	1945
SEER	5.6	6.7	6.4	6.4	5.2	5.1	4.3
Energy efficiency class (SEER)	A+	A++	A++	A++	A	A	C
QCE ²⁾ (cooling season)	625	522	547	547	673	686	814
Pdesignc	10.0	10.0	10.0	10.0	10.0	10.0	10.0
SCOP	3.8	4.3	4.2	4.2	3.7	3.5	3.4
Energy efficiency class (SCOP)	A	A+	A+	A+	A	A	A
QHE ³⁾ (heating season)	2800	3419	3100	3100	2573	2720	2800
Other heating seasons suitable for use	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pdesignh (Average)	7.6	10.5	9.3	9.3	6.8	6.8	6.8
Pdesignh (Warmer)	-	-	-	-	-	-	-
Pdesignh (Colder)	-	-	-	-	-	-	-
Declared capacity at reference design conditions	7.6	10.5	9.3	9.3	6.8	6.8	6.8
Assumed backup heating capacity	0	0	0	0	0	0	0

*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

*2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

*3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)_RAC

Model name (Indoor/Outdoor)	AR09FSFPDGMN / AR09FSFPDGMX	AR09FSFPESNN / AR09FSFPESNX	AR09FSFPKGMN / AR09FSFPKGMX	AR09FSFTJWQN / AR09FSFTJWQX	AR09FSFTKWQN / AR09FSFTKWQX	AR09FSSEDWUN / AR09FSSEDWUX
Sound Power Level (Inside/Outside)	-	54 / 59	54 / 59	56 / 59	56 / 59	56 / 59
Refrigerant name1)	dBA	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975
SEER	-	5,1	5,6	5,6	5,1	7,1
Energy efficiency class (SEER)	-	A	A+	A+	A	A++
QCE2) (cooling season)	-	172	156	156	172	123
Pdesignc	kWh/a	2,5	2,5	2,5	2,5	2,5
SCOP	kW	3,4	3,8	3,4	3,4	4,0
Energy efficiency class (SCOP)	-	A	A	A	A	A+
QHE3) (heating season)	-	1029	921	1029	1029	875
Other heating seasons suitable for use	kWh/a	Warmer Season	Warmer and Colder Season	Warmer Season	Warmer Season	Warmer and Colder Season
Pdesignh (Average)	-	2,5	2,5	2,5	2,5	2,5
eibu(Tj) (Average)	kW	0	0	0	0	0
Pdesignh (Warmer)	kW	2,5	2,5	2,5	2,5	2,5
eibu(Tj) (Warmer)	kW	0	0	0	0	0
Pdesignh (Colder)	kW	X	2,5	X	X	2,5
eibu(Tj) (Colder)	kW	X	1,82	X	X	1,85
Declared capacity at reference design conditions	kW	2,5	2,5	2,5	2,5	2,5
Assumed backup heating capacity	kW	0	0	0	0	0

Model name (Indoor/Outdoor)	AR09FSSKABEN / AR09FSSKABEX	AR09FSSYAWTN / AR09FSSYAWTX	AR12FSFPDGMN / AR12FSFPDGMX	AR12FSFPESNN / AR12FSFPESNX	AR12FSFPDGMN / AR12FSFPDGMX	AR12FSFTJWQN / AR12FSFTJWQX
Sound Power Level (Inside/Outside)	-	56 / 60	56 / 62	57 / 62	56 / 62	57 / 62
Refrigerant name1)	dBA	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975
SEER	-	8,5	7,0	5,1	5,6	5,1
Energy efficiency class (SEER)	-	A+++	A++	A	A+	A
QCE2) (cooling season)	-	103	125	240	219	240
Pdesignc	kWh/a	2,5	2,5	3,5	3,5	3,5
SCOP	kW	4,6	4,0	3,4	3,8	3,4
Energy efficiency class (SCOP)	-	A++	A+	A	A	A
QHE3) (heating season)	-	758	868	1153	1105	1153
Other heating seasons suitable for use	kWh/a	Warmer and Colder Season	Warmer and Colder Season	Warmer Season	Warmer and Colder Season	Warmer Season
Pdesignh (Average)	-	2,5	2,5	2,8	3,0	2,8
eibu(Tj) (Average)	kW	0	0	0	0	0
Pdesignh (Warmer)	kW	2,5	2,5	2,8	3,0	2,8
eibu(Tj) (Warmer)	kW	0	0	0	0	0
Pdesignh (Colder)	kW	2,5	2,5	X	3,0	-
eibu(Tj) (Colder)	kW	1,83	1,82	X	2,22	-
Declared capacity at reference design conditions	kW	2,5	2,5	2,8	3,0	2,8
Assumed backup heating capacity	kW	0	0	0	0	0

*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

*2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

*3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)_RAC

Model name (Indoor/Outdoor)	AR12FSFTKWQN / AR12FSFTKWQX	AR12FSSEWUN / AR12FSSEWUX	AR12FSSKABEN / AR12FSSKABEX	AR12FSSYAWTN / AR12FSSYAWTX	AR18FSFPDGMN / AR18FSFPDGMX	AR18FSFPESNN / AR18FSFPESNX	AR18FSFTJWQN / AR18FSFTJWQX
Sound Power Level (Inside/Outside)	-	57 / 62	58 / 62	60 / 62	60 / 62	57 / 65	57 / 65
Refrigerant name1)	dBA	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975	1975
SEER	-	5.6	6.7	7.0	6.7	6.7	6.7
Energy efficiency class (SEER)	-	A	A++	A++	A++	A++	A++
QCE2) (cooling season)	-	219	183	175	183	261	261
Pdesignc	kWh/a	3.5	3.5	3.5	3.5	5.0	5.0
SCOP	kW	3.4	4.0	4.6	4.0	3.8	3.8
Energy efficiency class (SCOP)	-	A	A+	A++	A+	A	A
QHE3) (heating season)	-	1153	1050	913	1050	1658	1658
Other heating seasons suitable for use	kWh/a	Warmer Season	Warmer and Colder Season	Warmer and Colder Season	Warmer and Colder Season	-	-
Pdesignh (Average)	-	2.8	3.0	3.0	3.0	4.5	4.5
eibu(Tj) (Average)	kW	0	0	0	0	0	0
Pdesignh (Warmer)	kW	2.8	3.0	3.0	3.0	-	-
eibu(Tj) (Warmer)	kW	0	0	0	0	-	-
Pdesignh (Colder)	kW	-	3.0	4.0	3.0	-	-
eibu(Tj) (Colder)	kW	-	2.22	1.83	2.22	-	-
Declared capacity at reference design conditions	kW	2.8	3.0	3.0	3.0	4.5	4.5
Assumed backup heating capacity	kW	0	0	0	0	0	0

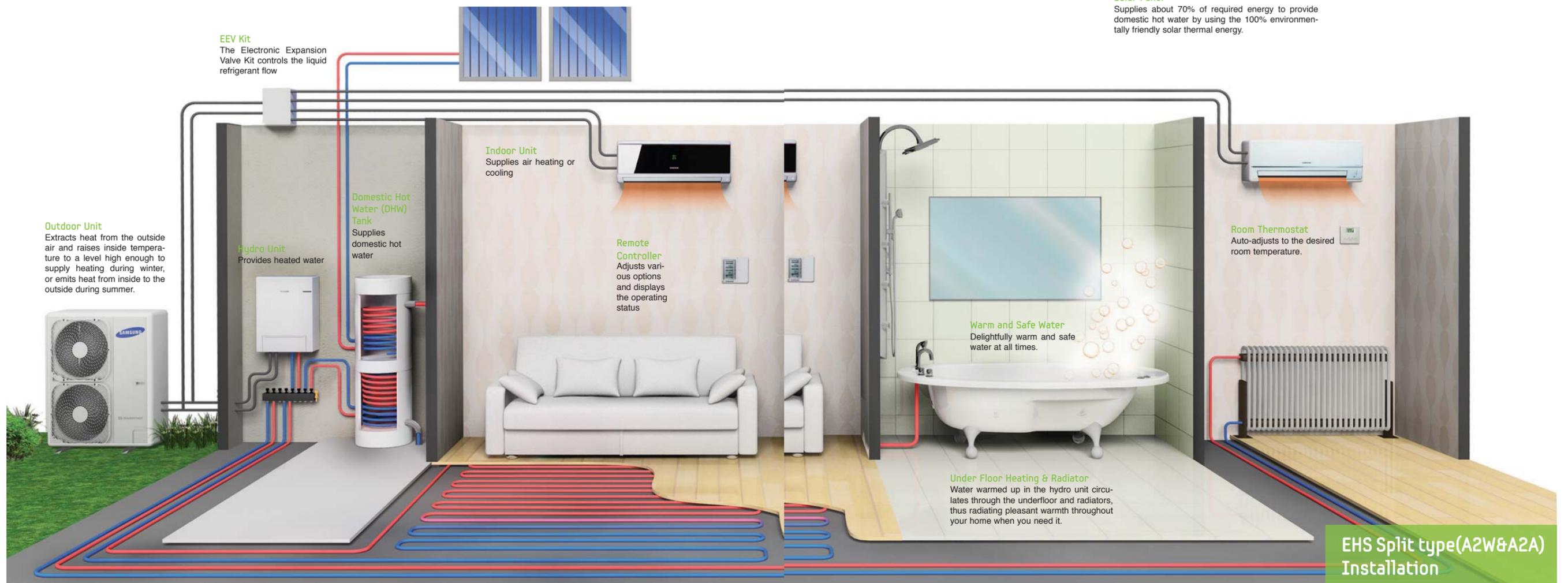
Model name (Indoor/Outdoor)	AR18FSSEWUN / AR18FSSEWUX	AR18FSSKABEN / AR18FSSKABEX	AR18FSSYAWTN / AR18FSSYAWTX	AR24FSFPESNN / AR24FSFPESNX	AR24FSFPESNN / AR24FSFPESNX	AR24FSFTJWQN / AR24FSFTJWQX	AR24FSSEWUN / AR24FSSEWUX
Sound Power Level (Inside/Outside)	-	57 / 65	60 / 65	62 / 67	62 / 67	62 / 67	62 / 67
Refrigerant name1)	dBA	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975	1975
SEER	-	6.7	6.1	6.1	6.1	6.1	6.1
Energy efficiency class (SEER)	-	A++	A++	A++	A++	A++	A++
QCE2) (cooling season)	-	261	287	287	390	390	390
Pdesignc	kWh/a	5.0	5.0	5.0	6.8	6.8	6.8
SCOP	kW	3.8	3.8	3.8	3.8	3.8	3.8
Energy efficiency class (SCOP)	-	A	A	A	A	A	A
QHE3) (heating season)	-	1658	1658	1658	2063	2063	2063
Other heating seasons suitable for use	kWh/a	-	-	-	-	-	-
Pdesignh (Average)	-	4.5	4.5	4.5	5.6	5.6	5.6
eibu(Tj) (Average)	kW	0	0	0	0	0	0
Pdesignh (Warmer)	kW	-	-	-	-	-	-
eibu(Tj) (Warmer)	kW	-	-	-	-	-	-
Pdesignh (Colder)	kW	-	-	-	-	-	-
eibu(Tj) (Colder)	kW	-	-	-	-	-	-
Declared capacity at reference design conditions	kW	4.5	4.5	4.5	5.6	5.6	5.6
Assumed backup heating capacity	kW	0	0	0	0	0	0

"1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

"2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

"3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

EHS Lineup & Feature - Split Type (A2W & A2A)



Type	6.0kW	7.0kW	8.0kW	11kW	14kW	16kW
Outdoor Unit						
Hydro Unit						

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	
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EHS Lineup & Feature - Mono Type (A2W)

Type	9.0kW	12kW	14kW	1kW
Outdoor Unit				

Type	200L	300L
Cylinder Unit (Standard / Solar Connected)		

Type	MIM-E03A
Control Unit	

EHS Specification - Split Type (A2W & A2A)



Outdoor Unit (TDM, Split Type)

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

Model			RD060PHXEA	RD070PHXEA	RD080PHXEA	
Mode			Heat Pump (A2A/A2W Multi)	Heat Pump (A2A/A2W Multi)	Heat Pump (A2A/A2W Multi)	
Power Supply		Φ, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 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
Power	Nominal Input *1)	Heating	W	1,305	1,590	1,925
		Cooling	W	1,945	2,205	2,540
Energy Efficiency	Nominal Heating (COP) *1)	W/W	4.60	4.40	4.15	
	Nominal Cooling (EER) *1)	W/W	3.60	3.40	3.15 w	
	ESEER *2)	W/W	5.20	5.50	4.90	
Performance (A2W #2)	Nominal Capacity *3)	Heating	W	5,300	6,200	7,200
			Btu/h	18,100	21,200	24,600
		Cooling	W	5,000	5,300	5,800
			Btu/h	17,100	18,100	19,800
Power	Nominal Input *3)	Heating	W	1,555	1,875	2,250
		Cooling	W	1,850	2,040	2,320
Energy Efficiency	Nominal Heating (COP) *3)	W/W	3.40	3.30	3.20	
	Nominal Cooling (EER) *3)	W/W	2.70	2.60	2.50	
	ESEER *4)	W/W	3.60	3.70	3.70	
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	
Energy Efficiency	Nominal Heating (COP) *5)	W/W	4.04	4.04	4.04	
	Nominal Cooling (EER) *5)	W/W	3.21	3.21	3.21	
Sound	Sound Pressure *6)	Heating	dB(A)	48	48	49
		Cooling	dB(A)	48	48	50
Piping Connections	Ref. Pipe	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
		Height	m	15	15	15
External Dimension	Weight	Net	kg	71	71	71
		Gross	kg	79	79	79
	Dimensions (WxHxD)	Net	mm	880x798x310	880x798x310	880x798x310
		Gross	mm	1,023x891x413	1,023x891x413	1,023x891x413
Operating Range	Ambient (A2W)	Heating	°C	-20-35	-20-35	-20-35
		Cooling	°C	10-46	10-46	10-46
	Ambient (A2A)	DHW	°C	-20-43	-20-43	-20-43
		Cooling	°C	10-43	10-43	10-43

*1)~*4) 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 DB/WB 7°C/6°C; (Cooling) Water In/Out 23°C/18°C, Outdoor Air DB 35°C.

*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.

*3) A2W Condition #2 : (Heating) Water In/Out 40°C/45°C, Outdoor Air DB/WB 7°C/6°C; (Cooling) Water In/Out 12°C/7°C, Outdoor Air DB 35°C.

*4) A2W Condition for ESEER(Cooling) at Water Out 7°C.

*5) A2A Condition : (Heating) Indoor Air DB/WB 20°C/15°C, Outdoor Air DB/WB 7°C/6°C; (Cooling) Indoor Air DB/WB 27°C/19°C, Outdoor Air DB/WB 35°C/24°C.

*6) Sound Pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

EHS Specification - Split Type (A2W & A2A)



Outdoor Unit (TDM, Split Type)

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

Model		RD110PHXEA	RD140PHXEA	RD160PHXEA	AEX060EDEHAEU	AEX100EDEHAEU	AEX125EDEHAEU	Heat Pump(A2W Only)	AEX140EDEHAEU		
Mode		Heat Pump		Heat Pump	Heat Pump		Heat Pump(A2W Only)	Heat Pump(A2W Only)	Heat Pump(A2W Only)		
Power Supply	Φ, #, V, Hz	1, 2, 220-240, 50		1, 2, 220-240, 50	1, 220-240, 50		1, 220-240, 50	1, 220-240, 50	1, 220-240, 50		
Performance (A2W #1)	Nominal Capacity *1)	Heating(Min/Std/Max)	W	11,000	14,000	16,000	1,611 / 5,800 / 5,800	2,459 / 10,000 / 10,000	3,750 / 12,500 / 12,500	12,810 / 42,700 / 42,700	
			Btu/h	37,500	47,800	54,600	5,500 / 19,800 / 19,800	8,385 / 34,100 / 34,100	12,810 / 42,700 / 42,700	3,462 / 15,000 / 15,000	12,804 / 47,800 / 47,800
		Cooling(Min/Std/Max)	W	11,300	14,200	15,500	1,325 / 5,300 / 5,300	2,068 / 9,100 / 9,100	3,462 / 15,000 / 15,000	11,815 / 51,200 / 51,200	3,375 / 16,200 / 16,200
		Btu/h	38,600	48,500	52,900	4,525 / 18,100 / 18,100	7,045 / 31,000 / 31,000	11,815 / 51,200 / 51,200	798 / 2,660 / 2,660	11,521 / 55,300 / 55,300	
	Nominal Power Input *1)	Heating(Min/Std/Max)	W				339 / 1,220 / 1,220	546 / 2,220 / 2,220	798 / 2,660 / 2,660	1,004 / 4,350 / 4,350	
		Cooling(Min/Std/Max)	W				476 / 1,905 / 1,905	657 / 2,890 / 2,890	1,004 / 4,350 / 4,350	1,3 / 4.2 / 4.2	
	Nominal Current Input *1)	Heating(Min/Std/Max)	A				1.6 / 5.7 / 5.7	2.4 / 9.7 / 9.7	3.5 / 11.7 / 11.7	1.6 / 6.8 / 6.8	
		Cooling(Min/Std/Max)	A				2.2 / 8.8 / 8.8	2.9 / 12.7 / 12.7	4.4 / 19.1 / 19.1	3.7 / 13.7 / 13.7	
	COP(Heating) *1)	W					4.75	4.50	4.70	3.45	
	EER(Cooling) *1)	W					3.50	3.15	3.45	4.80	
ESEER *2)	A					4.50	4.60	4.80	8.990		
Performance (A2W, Low Temperature)	A2W35	Heating Capacity	W			4,180	7,760	8,990	3,05		
		COP	WW			3.14	3.13	3.05	10,310		
	A-7/W35	Heating Capacity	W			5,120	8,710	10,310	2.47		
	COP	WW			2.45	2.35	2.47	-			
Performance (A2A)	Nominal Capacity	Cooling	W			-	-	-	-		
		Btu/h				-	-	-	-		
	Allowable No. of Indoor Units	EA				-	-	-	-		
	COP(Heating) *3)	WW				-	-	-	-		
EER(Cooling) *3)	WW							10.0			
Electric Specification	MCA	A				20.0	22.0	28.0	12.5		
	MFA	A				25.0	27.5	35.0	30.0		
Water Side	Heat Exchanger	Type	-			-	-	-	-		
		Quantity	-			-	-	-	-		
	Required Water Pressure	bar				-	-	-	-		
	Required Flow Rate	LPM				-	-	-	-		
	Flow Switch	LPM				-	-	-	-		
	Piping Connections	In/Out Φ, inch				-	-	-	-		
Refrigerant Side	Compressor	Type	-			Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter		
		Model	-			UG4T200FUAE4	UG8T300FUBJU	UG5T450FUEJX	UG5T450FUFJX		
	Oil	Type	-			POE	POE	POE	R410A		
	Refrigerant	Type	-			R410A	R410A	R410A	R410A		
		Factory Charging	g			2,800	2,000	2,800	2,800		
		Φ, mm				6.35	9.52	9.52	9.52		
	Piping Connections	Liquid Φ, inch				1/4	3/8	3/8	3/8		
		Gas Φ, mm				15.88	15.88	15.88	15.88		
		Φ, inch				5/8	5/8	5/8	5/8		
	Installation Limitation	Length	m			30	50	75	30		
	Height	m			15	30	30	150			
Base Heater	Capacity	W				-	150	150	50		
	Sound Pressure *3)	Heating	dB(A)	49	51	53	53	50	51		
Sound		Cooling	dB(A)	50	52	54	54	52	51		
	Sound Power	dB(A)				62	66	64	98.0		
External Dimension	Weight	Net	kg	108	108	108	47.5	74.0	98.0		
		Gross	kg	116	116	116	52.5	82.0	108.0		
	Dimensions (WxHxD)	Net	mm	932x1,128x375	932x1,128x375	932x1,128x375	880 x 638 x 310	940 x 998 x 330	940 x 1,420 x 330		
	Gross	mm	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472	1,024 x 750 x 414	995 x 1,548 x 426	995 x 1,548 x 426			
Operating Range	Ambient (A2W)	Heating	°C	-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		
		DHW	°C	-20~43	-20~43	-20~43	-20~43	-20~43	-20~43		
	Ambient (A2A)	Heating	°C	-20~24	-20~24	-20~24	-	-	-		
		Cooling	°C	10~43	10~43	10~43	-	-	-		
		Leaving Water	Heating	°C							
	Cooling	°C									

*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 Type (A2W & A2A)



Outdoor Unit (TDM, Split Type)

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



Hydro Unit

- Multi Functional controller for delicate control

Model	AEX140EDGHAEU		AEX160EDEHAEU		AEX160EDGHAEU	
Mode	Heat Pump(A2W Only)		Heat Pump(A2W Only)		Heat Pump(A2W Only)	
Power Supply	Φ, #, V, Hz		1, 220-240, 50		3, 380-415, 50	
Performance (A2W #1)	Nominal Capacity *1)	Heating(Min/Std/Max)	W	3,750 / 14,000 / 14,000	3,750 / 16,000 / 16,000	3,750 / 16,000 / 16,000
		Btu/h		12,804 / 47,800 / 47,800	12,797 / 54,600 / 54,600	12,797 / 54,600 / 54,600
	Cooling(Min/Std/Max)	W	3,375 / 16,200 / 16,200	3,263 / 17,400 / 17,400	3,263 / 17,400 / 17,400	
		Btu/h	11,521 / 55,300 / 55,300	11,138 / 59,400 / 59,400	11,138 / 59,400 / 59,400	
	Nominal Power Input *1)	Heating(Min/Std/Max)	W	833 / 3,110 / 3,110	872 / 3,720 / 3,720	872 / 3,720 / 3,720
		Cooling(Min/Std/Max)	W	1,073 / 5,150 / 5,150	1,125 / 6,000 / 6,000	1,125 / 6,000 / 6,000
	Nominal Current Input *1)	Heating(Min/Std/Max)	A	1.3 / 4.9 / 4.9	3.8 / 16.3 / 16.3	1.4 / 5.8 / 5.8
		Cooling(Min/Std/Max)	A	1.7 / 8.1 / 8.1	5.0 / 26.4 / 26.4	1.8 / 9.4 / 9.4
	COP(Heating) *1)	W	4.50	4.30	4.30	
	EER(Cooling) *1)	W	3.15	2.90	2.90	
ESEER *2)	A	4.75	4.70	4.70		
Performance (A2W, Low Temperature)	A2W35	Heating Capacity	W	10,230	11,400	11,400
		COP	WW	3.00	2.89	2.89
	A-7/W35	Heating Capacity	W	11,830	13,350	13,350
		COP	WW	2.45	2.38	2.38
Performance (A2A)	Nominal Capacity	Cooling	Btu/h	-	-	-
	Allowable No. of Indoor Units	EA	-	-	-	
	COP(Heating) *3)	WW	-	-	-	
	EER(Cooling) *3)	WW	-	-	-	
Electric Specification	MCA	A	11.0	32.0	12.0	
	MFA	A	13.8	40.0	15.0	
Water Side	Heat Exchanger	Type	-	-	-	
		Quantity	-	-	-	
	Required Water Pressure	bar	-	-	-	
	Required Flow Rate	LPM	-	-	-	
	Flow Switch	LPM	-	-	-	
	Piping Connections	In/Out	Φ, inch	-	-	
Refrigerant Side	Compressor	Type	-	Rotary Inverter	Rotary Inverter	
		Model	-	UG5T450FUFJX	UG5T450FUFJX	
	Oil	Type	-	POE	POE	
		Refrigerant	Type	-	R410A	R410A
	Factory Charging	g	2,800	2,800	2,800	
		Liquid	Φ, mm	9.52	9.52	9.52
	Piping Connections		Φ, inch	3/8	3/8	3/8
		Gas	Φ, mm	15.88	15.88	15.88
	Φ, inch		5/8	5/8	5/8	
		Installation Limitation	Length	m	75	75
Height	m		30	30		
Base Heater	Capacity	W	150	150		
	Sound Pressure *3)	Heating	dB(A)	50	53	
Sound Power		Cooling	dB(A)	53	54	
	dB(A)	66	68			
External Dimension		Weight	Net	kg	98.0	98.0
	Gross		kg	108.0	108.0	
	Dimensions (WxHxD)	Net	mm	940 x 1,420 x 330	940 x 1,420 x 330	
		Gross	mm	995 x 1,548 x 426	995 x 1,548 x 426	
Operating Range	Ambient (A2W)	Heating	°C	-20~35	-20~35	
		Cooling	°C	10~46	10~46	
		DHW	°C	-20~43	-20~43	
	Ambient (A2A)	Heating	°C	-	-	
		Cooling	°C	-	-	
		Leaving Water	Heating	°C	-	-
Cooling	°C	-	-			

*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.

Model	NH080PHXEA		NH160PHXEA		AEN080YDEHAEU		AEN160YDEHAEU		AEN160YDGHAEU	
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	
Performance	Nominal Capacity	Heating	W	5,200 / 10,000	12,500 / 14,000 / 16,000	12,500 / 14,000 / 16,000	12,500 / 14,000 / 16,000	12,500 / 14,000 / 16,000	12,500 / 14,000 / 16,000	12,500 / 14,000 / 16,000
		Cooling	W	5,000 / 9,000	11,200 / 12,500 / 14,000	11,200 / 12,500 / 14,000	11,200 / 12,500 / 14,000	11,200 / 12,500 / 14,000		
	Leaving Water Temp. Range	Heating	°C	15~55 (HP : 25~55)	15~55 (HP : 25~55)	15~55 (HP : 25~55)	15~55 (HP : 25~55)	15~55 (HP : 25~55)		
		Cooling	°C	5~25	5~25	5~25	5~25			
Water Side	Heat Exchanger	Type	-	Brazed Plate	Brazed Plate	Brazed Plate				
		Quantity	-	1	1	1				
	Required Water Pressure	bar	Max 3.0	Max 3.0	Max 3.0					
	Required Flow Rate	LPM	Min 12.0	Min 16.0	Min 16.0					
	Flow Switch	LPM	12 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)					
	Piping Connections	In/Out	Φ, inch	1 1/4 (BSPP male)	1 1/4 (BSPP male)	1 1/4 (BSPP male)				
Refrigerant Side	Heat Exchanger	Type	-	Brazed Plate	Brazed Plate					
		Quantity	-	1	1					
	Piping Connections	Liquid	Φ, mm	9.52	9.52	9.52				
		Φ, inch	3/8	3/8	3/8					
Gas	Φ, mm	15.88	15.88	15.88						
	Φ, inch	5/8	5/8	5/8						
Hydro Unit Parts	Water Pump	Flow Rate	kg/min	17.0 / 20.5 / 23.0	31.5 / 40.1 / 45.9	31.5 / 40.1 / 45.9				
		E.S.P	kPa	53.0 / 51.0 / 45.0	64.0 / 59.0 / 54.0	64.0 / 59.0 / 54.0				
	Electric Heater	Input Power	W	4,000	6,000	6,000				
	Expansion Vessel	Volume	Liter	8	8	8				
Pressure Relief Valve	Relief Pressure	bar	2.9	2.9	2.9					
Sound	Air Purge Valve	Size	Φ, inch	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)			
	Sound Pressure *3)	Heating	dB(A)	-	-	-				
Cooling	dB(A)	-	-	-						
Sound Power	dB(A)	-	-	-						
External Dimension	Weight	Net	kg	45	48	48				
		Gross	kg	55	58	58				
	Dimensions (WxHxD)	Net	mm	510 x 850 x 315	510 x 850 x 315	510 x 850 x 315				
		Gross	mm	564 x 1,024 x 412	564 x 1,024 x 412	564 x 1,024 x 412				
MCA	A	20.0	22.0	28.0						
	MFA	A	25.0	27.5	35.0					
Operating Range	Ambient	Heating	°C	-20~35	-20~35	-20~35				
		Cooling	°C	10~46	10~46	10~46				
	Leaving Water	DHW	°C	-20~43	-20~43	-20~43				
		Heating	°C	-	-	-				
Cooling	°C	-	-	-						

EHS Specification - Split Type (A2W & A2A)



DHW Tank

- Water tank that saves energy with domestic heating system



Vivace

- Shadow Mirror
- Hidden Display
- Trim-less Design



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

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		
	Cooling	High	CMM	7.0	7.0	8.2	13.3	13.3		
Airflow Rate	Heating	High	CMM	7.3	7.3	8.8	14.0	14.0		
	ESP	Std. (Min.-Max.)	mmAq	-	-	-	-	-		
	Type	-		R410A	R410A	R410A	R410A	R410A		
Refrigerant Side	Control Method	-		EEV	EEV	EEV	EEV	EEV		
		Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52		
	Piping Connections	Φ, inch	1/4	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	1/2	5/8			
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 - Split Type (A2W & A2A)



Neo Forte

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



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	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	
	Cooling	High	CMM	7.8	7.8	9.3	12.0	14.0
Airflow Rate	Heating	High	CMM	8.2	8.2	9.5	13.0	15.0
	ESP	Std. (Min.-Max.)	mmAq	-	-	-	-	-
	Type			R410A	R410A	R410A	R410A	R410A
Refrigerant Side	Control Method			EEV	EEV	EEV	EEV	EEV
	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
	Piping Connections	Gas	Φ, mm		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
	Weight	Net	kg		7.8	7.8	13.0	13.0
Gross		kg		9.4	9.4	16.0	16.0	
External Dimension	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



Slim Duct

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



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	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	
	Cooling	High	CMM	8.0	9.0	10.0	14.0	15.0
Airflow Rate	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)
	Type			R410A	R410A	R410A	R410A	R410A
Refrigerant Side	Control Method			EEV	EEV	EEV	EEV	EEV
	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
	Piping Connections	Gas	Φ, mm		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)
	Weight	Net	kg		26.0	26.0	26.0	31.0
Gross		kg		31.0	31.0	31.0	39.0	39.0
External Dimension	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



EHS Specification - Mono Type (A2W)



Outdoor Unit (Mono Type)

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)	Heat Pump(A2W Only)	
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	
Performance (A2W #1)	Nominal Capacity *1)	Heating(Min/Std/Max)	kW 1,901 / 9,000 / 9,000	3,000 / 12,000 / 12,000	2,877 / 14,000 / 14,000	3,117 / 16,000 / 16,000	3,000 / 12,000 / 12,000	2,877 / 14,000 / 14,000	3,117 / 16,000 / 16,000
		Btu/h	6,500 / 30,700 / 30,700	10,200 / 40,900 / 40,900	9,800 / 47,800 / 47,800	10,600 / 54,600 / 54,600	10,200 / 40,900 / 40,900	9,800 / 47,800 / 47,800	10,600 / 54,600 / 54,600
	Cooling(Min/Std/Max)	kW	2,419 / 10,000 / 10,000	3,971 / 13,500 / 13,500	4,138 / 16,000 / 16,000	3,923 / 17,000 / 17,000	3,971 / 13,500 / 13,500	4,138 / 16,000 / 16,000	3,923 / 17,000 / 17,000
		Btu/h	8,300 / 34,100 / 34,100	13,500 / 46,100 / 46,100	14,100 / 54,600 / 54,600	13,400 / 58,000 / 58,000	13,500 / 46,100 / 46,100	14,100 / 54,600 / 54,600	13,400 / 58,000 / 58,000
	Nominal Power Input *1)	Heating(Min/Std/Max)	W 442 / 2,090 / 2,090	653 / 2,610 / 2,610	662 / 3,220 / 3,220	742 / 3,810 / 3,810	653 / 2,610 / 2,610	662 / 3,220 / 3,220	742 / 3,810 / 3,810
		Cooling(Min/Std/Max)	W 692 / 2,860 / 2,860	1,197 / 4,070 / 4,070	1,378 / 5,330 / 5,330	1,352 / 5,860 / 5,860	1,150 / 3,910 / 3,910	1,358 / 5,250 / 5,250	1,318 / 5,710 / 5,710
	Nominal Current Input *1)	Heating(Min/Std/Max)	A 2.1 / 9.9 / 9.9	2.9 / 11.7 / 11.7	3.0 / 14.4 / 14.4	3.3 / 17.1 / 17.1	2.9 / 11.7 / 11.7	3.0 / 14.4 / 14.4	3.3 / 17.1 / 17.1
		Cooling(Min/Std/Max)	A 3.3 / 13.5 / 13.5	5.2 / 17.7 / 17.7	6.0 / 23.2 / 23.2	5.9 / 25.5 / 25.5	5.2 / 17.7 / 17.7	5.2 / 17.7 / 17.7	6.0 / 23.2 / 23.2
	COP(Heating) *1)	W	4.30	4.60	4.35	4.20	4.30	4.35	4.20
		W	3.50	3.32	3.00	2.90	3.45	3.05	2.98
ESEER *2)	A	5.60	6.45	6.34	5.98	6.45	6.34	5.98	
	W	6.850	8.820	10.320	11.070	8.820	10.320	11.070	
Performance (A2W, Low Temperature)	A2W35	Heating Capacity	W 2.76	COP 3.17	3.08	2.93	3.17	2.93	
	A-7W35	Heating Capacity	W 7.540	COP 2.25	2.48	2.29	2.48	2.29	
Performance (A2A)	Nominal Capacity	Cooling	W	-	-	-	-	-	
	Allowable No. of Indoor Units	EA	-	-	-	-	-	-	
	COP(Heating) *3)	WW	-	-	-	-	-	-	
	EER(Cooling) *3)	WW	-	-	-	-	-	-	
Electric Specification	MCA	A	22.0	28.0	30.0	10.0	11.0	12.0	
	MFA	A	27.5	35.0	37.5	40.0	12.5	13.8	
Water Side	Heat Exchanger	Type	-	Brazed Plate	Brazed Plate	Brazed Plate	Brazed Plate	Brazed Plate	
	Quantity	-	1	1	1	1	1	1	
	Required Water Pressure	bar	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	
	Flow Switch	LPM	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	
Piping Connections	In/Out	Φ, inch	1 (BSPP male)	1 (BSPP male)	1 (BSPP male)	1 (BSPP male)	1 (BSPP male)		
Refrigerant Side	Compressor	Type	-	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	
	Model	-	UG8T265FX	UG5T450FX	UG5T450FX	UG5T450FX	UG5T450FX	UG5T450FX	
	Oil	Type	-	POE	POE	POE	POE	POE	
	Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	g	1,400	2,200	2,200	2,200	2,200	2,200	
	Liquid Piping Connections	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Gas Piping Connections	Φ, mm	-	-	-	-	-	-	
		Φ, inch	-	-	-	-	-	-	
	Installation Limitation	Length	m	-	-	-	-	-	
Height		m	-	-	-	-	-		
Base Heater	Capacity	W	150	150	150	150	150		
	Sound Pressure *3)	Heating	dB(A) 50	dB(A) 50	dB(A) 52	dB(A) 53	dB(A) 50	dB(A) 52	
Sound	Pressure *3)	Cooling	dB(A) 51	dB(A) 51	dB(A) 53	dB(A) 54	dB(A) 51	dB(A) 53	
	Sound Power	dB(A)	66	66	68	70	66	68	
External Dimension	Weight	Net	kg 75	kg 103	kg 103	kg 103	kg 103	kg 103	
		Gross	kg 83	kg 113	kg 113	kg 113	kg 113	kg 113	
	Dimensions (WxHxD)	mm	940 x 998 x 330	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330	
Operating Range	Ambient (A2W)	Heating	°C -20~35	°C -20~35	°C -20~35	°C -20~35	°C -20~35	°C -20~35	
		Cooling	°C 10~46	°C 10~46	°C 10~46	°C 10~46	°C 10~46	°C 10~46	
		DHW	°C -20~43	°C -20~43	°C -20~43	°C -20~43	°C -20~43	°C -20~43	
	Ambient (A2A)	Heating	°C -	°C -	°C -	°C -	°C -	°C -	
		Cooling	°C -	°C -	°C -	°C -	°C -	°C -	
		Leaving Water	Heating	°C 25~55	°C 25~55	°C 25~55	°C 25~55	°C 25~55	
Cooling	°C 5~25	°C 5~25	°C 5~25	°C 5~25	°C 5~25	°C 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.

Mono Cylinder Unit

Model	Standard		
		NH200CHXEA	NH300CHXEA
Pressure Vessel	Material Quality	-	AISI 444 / DIN 1.4521
	Volume Capacity	Liter	198
Power Supply	Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 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
Heating Coil	Material Quality	-	Duplex LDX 2101
	Heating Area	m ²	0.8
Heating Coil for Solar	Material Quality	-	-
	Heating Area	m ²	-
Insulation	Material Quality	-	PUR
	Thickness	mm	40
Insulation Jacket	Material Quality	-	Epoxy-coated mild steel-white
Dimensions Overall	Diameter	mm	692 x 1,200 x 702
	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

Mono Control Kit

Model	MIM-E03A		
Use with			EHS Mono Type
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50
	Weight	Net	kg
External Dimension		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

CLASSIFICATION	PRODUCT	MODEL	IMAGE	APPLICATION MODEL				
Integrated Management System	Controller	DMS 2	MIM-D00A		DVM Series, FJM, CAC, ERV, ERV PLUS			
		S-NET 3	MST-P3P		DVM Series, FJM, CAC, ERV, ERV PLUS			
		S-NET Mini	MST-S3W		DVM Series, FJM, CAC, ERV, ERV PLUS			
	Interface Module	PIM	MIM-B16		DVM Series, FJM, CAC			
		SIM	MIM-B12		DVM Series, FJM			
System Controller	Controller	Function Controller	MCM-A100		DVM Series, FJM, CAC, ERV			
		Centralized Controller	MCM-A202D		DVM Series, FJM, CAC, ERV, ERV PLUS			
		Operation Mode Selection Switch	MCM-C200		DVM Series (Except HR Models)			
	Interface Module	Centralized Control Interface Module	MIM-B13D		DVM Series, FJM, CAC, ERV, ERV PLUS			
			MIM-B13E		DVM Series, FJM, CAC, ERV			
	Individual Control System	Controller	Wired Remote Controller	MWR-WE10		Cassette, Wall-mounted, Ceiling, Duct, Console, ERV, ERV PLUS		
			Wired Remote Controller	MWR-WH00		Cassette, Wall-mounted, Ceiling, Duct, Console		
			Simplified Wired Remote Controller	MWR-SH00		Cassette, Wall-mounted, Ceiling, Duct, Console		
			ERV Wired Remote Controller	MWR-VH02		ERV		
			Wireless Remote Controller	MR-DH00		Cassette, Wall-mounted, Ceiling, Duct(Receiver Needed), Console		
			ERV CO ₂ Sensor	MOS-C1		ERV, ERV PLUS		
			Wireless Signal Receiver	MRK-A00		Duct (For Wireless Remote Controller)		
			Wireless Signal Receiver Wire	MRW-10A		Duct (For Wireless Remote Controller)		
			7 Day Scheduler	MWR-BS00		Cassette, Wall-mounted, Ceiling, Duct		
			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 Interface Module	MIM-B07		DVM Series, FJM
					LonWorks Gateway	MIM-B18		DVM Series, FJM, CAC, ERV
	BACnet Gateway	MIM-B17				DVM Series, FJM, CAC, ERV		
Guestroom Management Module	KEY-TAG Interface Module	MIM-B02			DVM Series, FJM			
	External Contact Interface Module	MIM-B14			DVM Series, FJM, CAC			
Converter	Converter Unit	MIM-C02		DVM Series, FJM, CAC				

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

Accessories

Classification	Image	Model	Description	Relevant Unit	Remark
Y-joint		MXJ-YA1509K	15kW and below	DVM PLUS IV, DVM PLUS IV HR	Requisite
		MXJ-YA2512L	Over 15.0 ~ 40.6kW and below		
		MXJ-YA2812K	Over 40.6 ~ 46.4 kW and below		
		MXJ-YA2815K	Over 46.4 ~ 69.6 kW and below		
		MXJ-YA3119K	Over 69.6 ~ 98.6 kW and below		
		MXJ-YA3819K	Over 98.6 ~ 139.2 kW and below		
Y-joint (High Pressure Gas) for DVM PLUS IV HR module		MXJ-YA1500K	23.2 kW and below	DVM PLUS IV HR	Requisite
		MXJ-YA2500K	Over 23.2 ~ 69.6 kW and below		
		MXJ-YA3100K	Over 69.6 ~ 139.2 kW and below		
		MXJ-YA3800K	Over 139.2 kW		
Outdoor Joint (Outdoor Connection)		MXJ-T3819K	Below 48 HP	DVM PLUS IV, DVM PLUS IV HR (Module)	Requisite
		MXJ-T4422K	Over 50 HP		
Outdoor Joint (High Pressure Gas) for DVM PLUS IV HR Module		MXJ-T3100K	Below 48 HP	DVM PLUS IV HR (Module)	
		MXJ-T3800K	Over 50 HP		
Header Joint		MXJ-HA3819K	Over 69.7 kW	DVM PLUS IV, DVM PLUS IV HR	Option
		MXJ-HA3115K	Below 69.6 kW		
		MXJ-HA2512K	Below 46.4 kW		
MCU Kits		MCU-Y4NEE	Below 4 indoor units	DVM PLUS IV HR	
		MCU-Y4NEE1	Below 4 indoor units		
		MCU-Y6NEE	Below 6 indoor units		
EEV Kits		MXD-A13K116A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (1Room)	Wall-mounted & Ceiling indoor unit (For 2 indoor units)	Option
		MXD-A13K200A	Below 3.6 kW (2 Rooms)		
		MXD-A16K200A	5.6 kW~9.0 kW (2Rooms)		
		MXD-A22K200A	Over 9.0 kW (2Rooms)		
		MXD-A13K216A	Below 3.6 kW (2 Rooms) + 5.6 kW ~ 9.0 kW (1Room)	Wall-mounted & Ceiling indoor unit (For 3 indoor units)	Option
		MXD-A13K300A	Below 3.6 kW (3 Rooms)		
		MXD-A16K213A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (2Rooms)		
		MXD-A16K300A	5.6 kW ~ 9.0 kW (3Rooms)		
		MEV-A13SA	Below 3.6 kW (1 Room)		
		MEV-A16SA	5.6 kW ~ 9.0 kW (1Room)		

DVM Specification - Indoor Units

DVM PLUS IV HP COMPACT MODULE				MODULE				MODULE				
IMAGE	MODEL	CAPACITY	62	64	66	68	70	72	74	76	78	80
 COMPACT MODULE	RD080*	8 HP										
	RD100*	10 HP	1									
	RD120*	12 HP	1	2	1	1	1	1				
	RD140*	14 HP			1				1			
	RD160*	16 HP					1			1		
	RD180*	18 HP						1			1	
	RD200*	20 HP	2	2	2	2	2	2	3	3	3	3

* If you wish to install outdoor unit module with capacity over 60 HP, please contact local Samsung Dealer.

DVM Specification - Outdoor Units



DVM PLUS IV

DIGITAL VARIABLE MULTI

- High Efficiency
- Large Capacity
- Advanced and Reliable Protection
- Easy Installation & Maintenance
- Eco-friendly
- Comfortable Operation
- Premium Quality Control Heat Recovery

DVM PLUS IV HP COMPACT MODULE			
Model Name	DVM PLUS IV HP	RD620*	RD640*
Power Supply	DVM PLUS IV HP	3, 4, 380-415, 50	3, 4, 380-415, 50
Mode		Heat Pump	Heat Pump
Performance	HP	HP	HP
	Capacity (Nominal)	Cooling	Cooling
		Heating	Heating
Power	Power Input (Nominal)	Cooling	Cooling
	Current Input (Nominal)	Heating	Heating
	Circuit Breaker (MCCB+ELB / ELCB)		
COP	Nominal Cooling		
	Nominal Heating		
Fan	Air Flow Rate	CMM	CMM
	Liquid Pipe	Φ, mm	Φ, mm
	Gas Pipe	Φ, mm	Φ, mm
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	Φ, mm
Piping Connections	Oil Equalizing Pipe	Φ, mm	Φ, mm
	Installation Limitation	Max. Length	Max. Length
		Max. Height	Max. Height
	Refrigerant	Type	
Sound	Factory Charging	kg	kg
	Sound Pressure	dB(A)	dB(A)
External Dimension	Net Weight	DVM PLUS IV HP	DVM PLUS IV HP
		DVM PLUS IV HR	DVM PLUS IV HR
	Shipping Weight	DVM PLUS IV HP	DVM PLUS IV HP
		DVM PLUS IV HR	DVM PLUS IV HR
Operating Temp. Range	Cooling	°C	°C
	Heating	°C	°C

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 * If you wish to install an outdoor unit module with a capacity of over 60 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 Specification - Outdoor Units

DVM PLUS IV HP COMPACT MODULE

Model Name		DVM PLUS IV HP	RD660*	RD680*	RD700*	RD720*	RD740*	
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	
Mode		-	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	
Performance	HP	HP	66	68	70	72	74	
	Capacity (Nominal)	Cooling	kW	184.8	190.4	196	201.6	207.2
		Heating	kW	207.9	214.2	220.5	226.8	233.1
			Btu/h	709400	730900	752400	773900	795400
Power	Power Input (Nominal)	Cooling	kW	53.3	55.2	58.9	60.2	61.1
		Heating	kW	47.15	48.8	50.4	52	53.15
	Current Input (Nominal)	Cooling	A	106.5	107.6	116.9	118.4	119.3
		Heating	A	96	103.8	103.3	105.7	106.7
	Circuit Breaker (MCCB+ELB / ELCB)	A	175	175	200	200	200	
COP	Nominal Cooling	-	3.47	3.45	3.33	3.35	3.39	
	Nominal Heating	-	4.41	4.39	4.38	4.36	4.39	
Fan	Air Flow Rate	CMM	(210) x 2 + (275) x 2	(210) x 1 + (250) x 1 + (275) x 2	(210) x 1 + (270) x 1 + (275) x 2	(210) x 1 + (275) x 3	(210) x 1 + (275) x 3	
	Liquid Pipe	Φ, mm	22.23	22.23	22.23	22.23	22.23	
Piping Connections	Gas Pipe	Φ, mm	50.8	50.8	50.8	50.8	50.8	
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	44.45	44.45	44.45	44.45	44.45	
	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
	Installation Limitation	Max. Length	m	200	200	200	200	200
		Max. Height	m	110 (40)*	110 (40)*	110 (40)*	110 (40)*	110 (40)*
	Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a
Sound	Factory Charging	kg	29	29	30.5	30.5	32.5	
	Sound Pressure	dB(A)	-	-	-	-	-	
External Dimension	Net Weight	DVM PLUS IV HP	kg	(240) x 1 + (280) x 1 + (349) x 2	(240) x 1 + (329) x 1 + (349) x 2	(240) x 1 + (340) x 1 + (349) x 2	(240) x 1 + (349) x 3	(280) x 1 + (349) x 3
		DVM PLUS IV HR	kg	(255) x 1 + (301) x 1 + (370) x 2	(255) x 1 + (349) x 1 + (370) x 2	(255) x 1 + (360) x 1 + (370) x 2	(255) x 1 + (370) x 3	(301) x 1 + (370) x 3
	Shipping Weight	DVM PLUS IV HP	kg	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 3	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 3	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 3	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 3	(1295 x 1695 x 765) x 4
		DVM PLUS IV HR	kg	(948 x 1912 x 832) x 1 + (1268 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 2	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 3	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 3	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 3	(1268 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 3
Operating Temp. Range	Net Dimensions (WxHxD)	mm	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	
	Shipping Dimensions (WxHxD)	mm	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	
Operating Temp. Range	Cooling	°C	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	

DVM PLUS IV HP COMPACT MODULE

Model Name		DVM PLUS IV HP	RD760*	RD780*	RD800*	
Power Supply		Φ, #, V, Hz	3, 4, 380-415, 50	3, 4, 380-415, 50	3, 4, 380-415, 50	
Mode		-	Heat Pump	Heat Pump	Heat Pump	
Performance	HP	HP	76	78	80	
	Capacity (Nominal)	Cooling	kW	212.8	218.4	224
		Heating	kW	239.4	245.7	252
			Btu/h	816900	838400	859900
Power	Power Input (Nominal)	Cooling	kW	63	66.7	68
		Heating	kW	54.8	56.4	58
	Current Input (Nominal)	Cooling	A	120.4	129.7	131.2
		Heating	A	114.5	114	116.4
	Circuit Breaker (MCCB+ELB / ELCB)	A	200	200	200	
COP	Nominal Cooling	-	3.38	3.27	3.29	
	Nominal Heating	-	4.37	4.36	4.34	
Fan	Air Flow Rate	CMM	(250) x 1 + (275) x 3	(270) x 1 + (275) x 3	(275) x 4	
	Liquid Pipe	Φ, mm	22.23	22.23	22.23	
Piping Connections	Gas Pipe	Φ, mm	50.8	50.8	50.8	
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	44.45	44.45	44.45	
	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	
	Installation Limitation	Max. Length	m	200	200	200
		Max. Height	m	110 (40)*	110 (40)*	110 (40)*
	Refrigerant	Type	-	R410a	R410a	R410a
Sound	Factory Charging	kg	32.5	34	34	
	Sound Pressure	dB(A)	-	-	-	
External Dimension	Net Weight	DVM PLUS IV HP	kg	(329) x 1 + (349) x 3	(340) x 1 + (349) x 3	(349) x 4
		DVM PLUS IV HR	kg	(349) x 1 + (370) x 3	(360) x 1 + (370) x 3	(370) x 4
	Shipping Weight	DVM PLUS IV HP	kg	(1295 x 1695 x 765) x 4	(1295 x 1695 x 765) x 4	(1295 x 1695 x 765) x 4
		DVM PLUS IV HR	kg	(1363 x 1912 x 832) x 4	(1363 x 1912 x 832) x 4	(1363 x 1912 x 832) x 4
Operating Temp. Range	Net Dimensions (WxHxD)	mm	-5 ~ 48	-5 ~ 48	-5 ~ 48	
	Shipping Dimensions (WxHxD)	mm	-20 ~ 24	-20 ~ 24	-20 ~ 24	
Operating Temp. Range	Cooling	°C	-5 ~ 48	-5 ~ 48	-5 ~ 48	
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	

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