



Lineup & Specification

for Europe



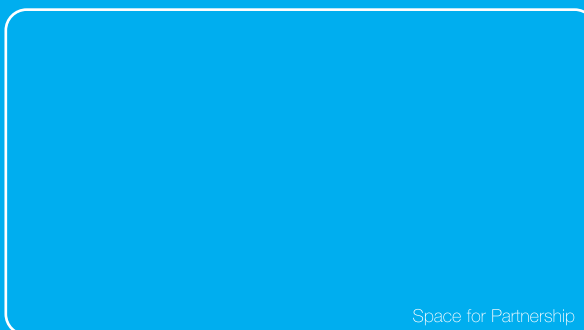
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Ver.1.0

Ver.1.0

2011 SAMSUNG AIR CONDITIONER

ICONS

◀ open



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LINEUP & FEATURE

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FJM Lineup & Feature - Outdoor Units



Free Joint Multi Features

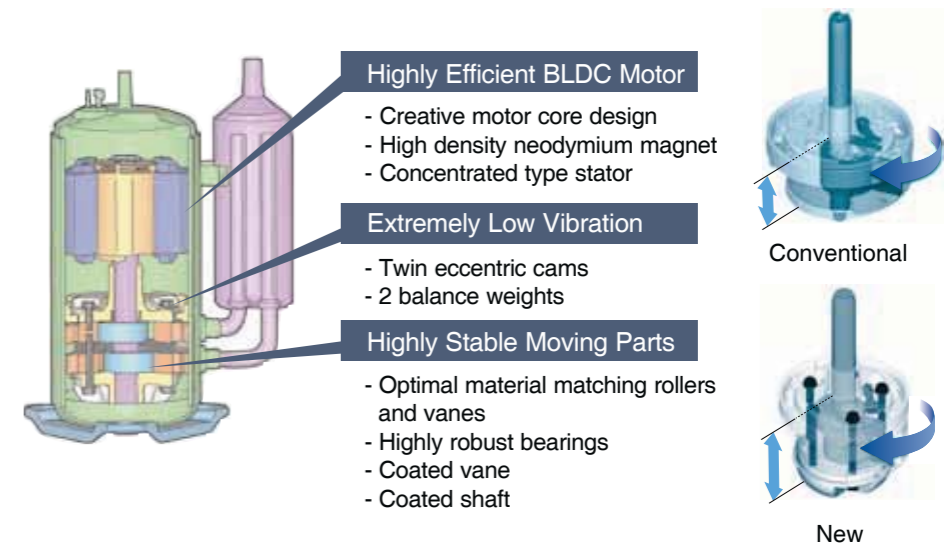
One Outdoor Unit, Multiple Indoor Units

One outdoor unit supports up to 5 indoor units, forming systems that are ideal for large residential areas.



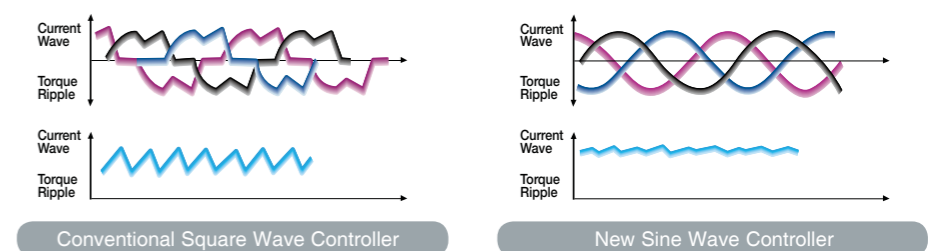
Twin BLDC Compressor

FJM outdoor units have applied Twin BLDC compressor with highly stable moving parts which reduce torque variation by 70% compared to the conventional single BLDC compressor.



Sine Wave Controller

All our FJM models have adopted this newly developed Sine Wave Controller. Smoother current waves result in a soft acoustic quality and overall noise reduction.



FJM Lineup & Feature - Indoor Units

Cassette

MODEL	MINI 4WAY	SLIM 1WAY
CAPACITY	2.6	•
	3.0	•
	3.5	•
	5.2	•
FEATURES		
Wide Blade		•
Ceiling Soiling Prevention		•
High Lift-Up Drain Pump	•	•
Quick Connection of Drain Pipe	•	•

Duct

MODEL	SLIM	MSP
CAPACITY	2.6	•
	3.5	•
	5.2	•
	6.8	•
FEATURES		
Anti-Bacteria Filter	•	•
Easy Filter Cleaning	•	•
High Lift-Up Drain Pump	•	•
Smart Pressure Control	•	•
Wired Remote Controller	•	•

Wall-mounted

MODEL	Y SERIES	P SERIES	CRYSTAL	NEO FORTE
CAPACITY	2.0	•	•	•
	2.6	•	•	•
	3.5	•	•	•
	5.2	•	•	•
	6.8	•	•	•
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	•	•	•	•
Wireless Remote Controller	•	•	•	•

Console

MODEL	CONSOLE
CAPACITY	2.6
	3.5
	5.2
FEATURES	
S-Plasma ion	•
Interior Design	•
Anti-Bacteria Filter	•
Light weight	•
Flexible Pipe Installation	•
Wireless Remote Controller	•

FJM Specification - Outdoor Units



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		RJ040F2HXEA	RJ050F2HXEA	RJ060F3HXEA	RJ070F4HXEA	RJ080F4HXEA	RJ100F5HXEA	
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		Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	
Performance	HP	1.5	1.8	2.0	2.5	3.0	3.5	
	Capacity (Nominal)	Cooling	13,600	17,100	20,100	23,900	27,300	34,100
		Heating	4.4	5.7	6.3	8.6	9.3	12.0
		HP	15,000	19,400	21,500	29,300	31,700	40,900
Power	Power Input (Nominal)	Cooling	1.11	1.43	1.60	1.90	2.30	2.90
		Heating	1.02	1.36	1.40	2.00	2.20	2.93
	Current Input (Nominal)	Cooling	5.10	6.50	7.30	8.70	10.50	11.50
		Heating	4.70	6.20	6.40	9.20	10.10	11.50
	Circuit Breaker (MCCB+ELB / ELCB)	A	20	20	30	30	40	
COP	Nominal Cooling	-	3.60	3.51	3.69	3.68	3.48	3.45
	Nominal Heating	-	4.31	4.19	4.50	4.30	4.23	4.10
Compressor	Type	-	Inveter Rotary x 1	Inveter Rotary x 1	Inveter Rotary x 1	Inveter Rotary x 1	Inveter Rotary x 1	
	Output	kW x n	1.37 x 1	1.37 x 1	1.852 x 1	2.454 x 1	2.82 x 1	
	Oil	Type	-	POE	POE	POE	POE	
	Initial Charge	cc	650	650	700	700	1,200	
Fan	Type	-	Propeller Fan / BLDC	Propeller Fan / BLDC	Propeller Fan / BLDC	Propeller Fan / BLDC	Propeller Fan / BLDC	
	Output	W	35	35	124	124	150	
	Number of Units	EA	1	1	1	1	1	
	Air Flow Rate	CMM	30.4	33.1	41.0	44.8	50.0	
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 2	6.35 x 2	6.35 x 3	6.35 x 4	6.35 x 4	
		Φ, inch	1/4 x 2	1/4 x 2	1/4 x 3	1/4 x 4	1/4 x 4	
	Gas Pipe	Φ, mm	9.52 x 2	9.52 x 1 + 12.7 x 1	9.52 x 2 + 12.7 x 1	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 3
		Φ, inch	3/8 x 2	3/8 x 1 + 1/2 x 1	3/8 x 2 + 1/2 x 1	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 3
	Installation Limitation	Total Piping Length	m	30.0	30.0	45.0	70.0	80.0
		Max. Length (Outdoor to indoor)	m	20.0	20.0	20.0	25.0	25.0
		Max. Height (Between indoors)	m	7.5	7.5	7.5	7.5	7.5
		Max. Height (Between ID/OD)	m	15.0	15.0	15.0	15.0	15.0
Field Wiring	Power Source Wire	mm ²	2.5	2.5	2.5	2.5	4.0	
	Transmission Cable	mm ²	0.75 / 1.0	0.75 / 1.0	0.75 / 1.0	0.75 / 1.0	0.75 / 1.0	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
	Factory Charging	kg	1.3	1.6	2.2	2.8	3.3	
Sound	Sound Pressure	dB(A)	47	48	48	49	52	
External Dimension	Net Weight	kg	35	39	59	65	74	
	Shipping Weight	kg	38	42	63	70	79	
	Net Dimensions (WxHxD)	mm	790 x 545 x 285	790 x 545 x 285	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330	
	Shipping Dimensions (WxHxD)	mm	926 x 599 x 382	926 x 599 x 382	1023 x 889 x 413	1023 x 889 x 413	995 x 1096 x 426	
Operating Temp. Range	Cooling	°C	-5 ~ 46	-5 ~ 46	-5 ~ 46	-5 ~ 46	-5 ~ 46	
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	

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FJM Specification - Indoor Units



Mini 4Way Cassette

- Ideal Compact Size
- Fan Speed Adjustment



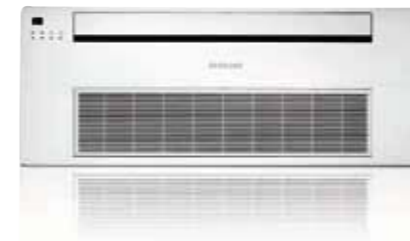
Model		MH030FMEA		MH035FMEA		MH052FMEA	
Power Supply		Φ, #, V, Hz		1, 2, 220-240, 50		1, 2, 220-240, 50	
Mode		-		HP		HP	
Performance	Capacity (Nominal)	Cooling	kW	3.0	3.5	5.2	
		Btu/h	10,200	11,900	17,700		
	Heating	kW	3.4	3.8	5.6		
		Btu/h	11,600	13,000	19,100		
Power	Power Input (Nominal)	Cooling	W	85	85	120	
		Heating	W	85	85	120	
	Current Input (Nominal)	Cooling	A	0.37	0.37	0.52	
		Heating	A	0.37	0.37	0.52	
Fan	Motor	Type	-	Turbo Fan / SSR	Turbo Fan / SSR	Turbo Fan / SSR	
		Output	W	80	80	80	
	Air Flow Rate	High	CMM	10.8	10.8	12.1	
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35		
		Φ, inch	1/4	1/4	1/4		
	Gas Pipe	Φ, mm	9.52	9.52	12.7		
		Φ, inch	3/8	3/8	1/2		
Field Wiring	Power Source Wire	mm ²	1.0	1.0	1.0		
	Transmission Cable	mm ²	0.75 - 1.0	0.75 - 1.0	0.75 - 1.0		
Refrigerant	Type	-	R410a	R410a	R410a		
	Control Method	-	EEV (External)	EEV (External)	EEV (External)		
Sound	Sound Pressure	High / Low	dBA	30 / 25	34 / 27	41 / 33	
		Net Weight	kg	17	17	17	
	Shipping Weight	kg	20	20	20		
		Net Dimensions (WxHxD)	mm	575 x 260 x 575	575 x 260 x 575	575 x 260 x 575	
Panel Size	Shipping Dimensions (WxHxD)	mm	660 x 310 x 635	660 x 310 x 635	660 x 310 x 635		
	Panel Model	-	PMSMA	PMSMA	PMSMA		
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	750 / 24	
		Air Filter	-	Long life filter	Long life filter	Long life filter	

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Optional Accessories



Slim 1Way Cassette



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



Model		MH026FSEA		MH026FSEA	
Power Supply		Φ, #, V, Hz		1, 2, 220-240, 50	
Mode		-		HP	
Performance	Capacity (Nominal)	Cooling	kW	2.6	2.6
		Btu/h	8,900	8,900	8,900
	Heating	kW	2.9	2.9	
		Btu/h	9,900	9,900	
Power	Power Input (Nominal)	Cooling	W	45	45
		Heating	W	45	45
	Current Input (Nominal)	Cooling	A	0.23	0.23
		Heating	A	0.23	0.23
Fan	Motor	Type	-	Crossflow Fan / SSR	Crossflow Fan / SSR
		Output	W	80	80
	Air Flow Rate	High	CMM	6.2	7.6
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4	1/4	
	Gas Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8	3/8	
Field Wiring	Power Source Wire	mm ²	1.0	1.0	
	Transmission Cable	mm ²	0.75 - 1.0	0.75 - 1.0	
Refrigerant	Type	-	R410a	R410a	
	Control Method	-	EEV (External)	EEV (External)	
Sound	Sound Pressure	High / Low	dBA	30 / 25	32 / 27
		Net Weight	kg	10.5	10.5
	Shipping Weight	kg	13.5	13.5	
		Net Dimensions (WxHxD)	mm	970 x 135 x 410	970 x 135 x 410
Panel Size	Shipping Dimensions (WxHxD)	mm	1164 x 212 x 478	1164 x 212 x 478	
	Panel Model	-	PSSMA	PSSMA	
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24
		Air Filter	-	Long life filter	Long life filter

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Optional Accessories



FJM Specification - Indoor Units



Slim Duct

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



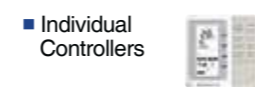
Model		NJ026LHXEA		NJ035LHXEA	
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	
Mode			HP	HP	
Performance	Capacity (Nominal)	Cooling	kW	2.6	3.5
			Btu/h	8,900	11,900
		Heating	kW	2.9	3.8
			Btu/h	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	80	80
		Heating	W	80	80
	Current Input (Nominal)	Cooling	A	0.40	0.40
		Heating	A	0.40	0.40
Fan	Motor	Type	-	Sirocco Fan / SSR	Sirocco Fan / SSR
		Output	W	-	-
	Air Flow Rate	High	CMM	8.6	9.8
		External Static Pressure	Min. / Std. / Max.	mmAq	0 / 2 / 4
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35
			Φ, inch	1/4	1/4
	Gas Pipe		Φ, mm	9.52	9.52
			Φ, inch	3/8	3/8
Field Wiring	Drain Pipe		Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
		Power Source Wire	mm ²	1.0	1.0
Refrigerant	Transmission Cable		mm ²	0.75 - 1.0	0.75 - 1.0
		Type	-	R410A	R410A
Sound	Control Method		-	EEV (External)	EEV (External)
		Sound Pressure	High / Low	dBA	30 / 25
Dimensions	Net Weight		kg	26	26
		Shipping Weight	kg	31	31
Panel Size	Net Dimensions (WxHxD)		mm	900 x 199 x 600	900 x 199 x 600
		Shipping Dimensions (WxHxD)	mm	1133 x 330 x 730	1133 x 330 x 730
Additional Accessories	Drain Pump		-	Optional / MDP-E075SEE3	Optional / MDP-E075SEE3
		Max. Lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24
	Air Filter		-	Long life filter	Long life filter

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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



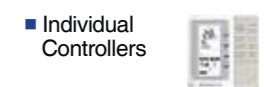
Model		NJ035LHXEA		
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50	
Mode			HP	
Performance	Capacity (Nominal)	Cooling	kW	3.5
			Btu/h	11,900
		Heating	kW	3.8
			Btu/h	13,000
Power	Power Input (Nominal)	Cooling	W	80
		Heating	W	80
	Current Input (Nominal)	Cooling	A	0.40
		Heating	A	0.40
Fan	Motor	Type	-	Sirocco Fan / SSR
		Output	W	124
	Air Flow Rate	High	CMM	16.3
		External Static Pressure	Min. / Std. / Max.	mmAq
Piping Connections	Liquid Pipe		Φ, mm	6.35
			Φ, inch	1/4
	Gas Pipe		Φ, mm	9.52
			Φ, inch	3/8
Field Wiring	Drain Pipe		Φ, mm	VP25 (OD 32, ID 25)
		Power Source Wire	mm ²	1.0
Refrigerant	Transmission Cable		mm ²	0.75 - 1.0
		Type	-	R410a
Sound	Control Method		-	EEV (External)
		Sound Pressure	High / Low	dBA
Dimensions	Net Weight		kg	26
		Shipping Weight	kg	31
Panel Size	Net Dimensions (WxHxD)		mm	900 x 199 x 600
		Shipping Dimensions (WxHxD)	mm	1133 x 330 x 730
Additional Accessories	Drain Pump		-	Optional / MDP-E075SEE3
		Max. Lifting Height / Displacement	mm / liter/h	750 / 24
	Air Filter		-	Long life filter

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Optional Accessories



Standard Accessories



FJM Specification - Indoor Units



Y Series (Jungfrau Premium)

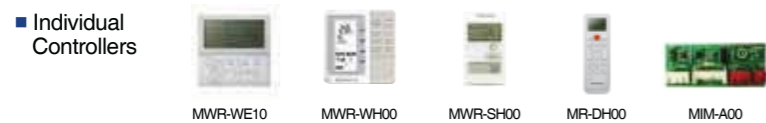
- S-Plasma ion
- Smart Inverter
- good' sleep
- Full HD Filter
- d'light cool
- 3D Wind



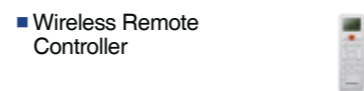
Model		AQV09YWAN		AQV12YWAN		AQV18YWAN	
Power Supply		Φ, #, V, Hz		1, 2, 220-240, 50		1, 2, 220-240, 50	
Mode		-		HP		HP	
Performance	Capacity (Nominal)	Cooling	kW		5.0		
		Heating	kW		6.0		
	Power Input (Nominal)	Cooling	W		50		
		Heating	W		50		
Current Input (Nominal)	Cooling	A		0.4			
	Heating	A		0.4			
Fan	Motor	Type	-		Crossflow Fan / BLDC		
	Output	W	-		-		
	Air Flow Rate	High	CMM		11.6		
	External Static Pressure	Min. / Std. / Max.	mmAq		-		
Piping Connections	Liquid Pipe	Φ, mm	6.35		6.35		
	Gas Pipe	Φ, mm	9.52		9.52		
	Drain Pipe	Φ, mm	VP18 (OD, ID)		VP18 (OD, ID)		
	Field Wiring	Power Source Wire	mm ²		1.0		
Refrigerant	Type	-		R410a			
	Control Method	-		EEV (External)			
Sound	Sound Pressure	High / Low	dBA		-		
	Net Weight	kg	10.5		11.2		
	Shipping Weight	kg	13.0		13.8		
	Net Dimensions (WxHxD)	mm	880 x 313 x 237		880 x 313 x 237		
Panel Size	Panel Model	-		-			
	Panel Net Weight	kg	-		-		
	Shipping Weight	kg	-		-		
	Net Dimensions (WxHxD)	mm	-		-		
Additional Accessories	Drain Pump	Drain Pump	-		-		
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h		-		

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Optional Accessories



Standard Accessories



P Series (Maldives)

- Full HD Filter
- Smart Inverter
- Smart Saver
- Turbo Cooling
- Triple Protector (Optional)
- Smart Inverter
- good' sleep
- Quiet Mode



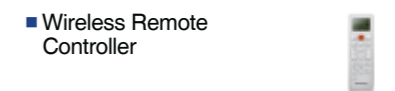
Model		AQV07PSBN		AQV09PSBN		AQV12PSBN		AQV18PSBN		AQV24PSBN	
Power Supply		Φ, #, V, Hz		1, 2, 220-240, 50		1, 2, 220-240, 50		1, 2, 220-240, 50		1, 2, 220-240, 50	
Mode		-		HP		HP		HP		HP	
Performance	Capacity (Nominal)	Cooling	kW		2.5		3.5		5.0		
		Heating	kW		3.3		4.0		6.0		
	Power Input (Nominal)	Cooling	W		30		50		50		
		Heating	W		30		50		50		
Current Input (Nominal)	Cooling	A		0.18		0.40		0.40			
	Heating	A		0.18		0.40		0.40			
Fan	Motor	Type	-		Crossflow Fan / SSR		Crossflow Fan / SSR		Crossflow Fan / BLDC		
	Output	W	23		23		23		-		
	Air Flow Rate	High	CMM		7.9		9.4		14.2		
	External Static Pressure	Min. / Std. / Max.	mmAq		-		-		-		
Piping Connections	Liquid Pipe	Φ, mm	6.35		6.35		6.35		6.35		
	Gas Pipe	Φ, mm	9.52		9.52		9.52		12.7		
	Drain Pipe	Φ, mm	VP18 (OD, ID)		VP18 (OD, ID)		VP18 (OD, ID)		VP18 (OD, ID)		
	Field Wiring	Power Source Wire	mm ²		1.0		1.0		1.0		
Refrigerant	Type	-		R410a		R410a		R410a			
	Control Method	-		EEV (External)		EEV (External)		EEV (External)			
Sound	Sound Pressure	High / Low	dBA		-		-		-		
	Net Weight	kg	9		9		9		13		
	Shipping Weight	kg	11		11		11		16		
	Net Dimensions (WxHxD)	mm	820 x 286 x 205		820 x 286 x 205		820 x 286 x 205		1065 x 230 x 298		
Panel Size	Panel Model	-		-		-		-			
	Panel Net Weight	kg	-		-		-		-		
	Shipping Weight	kg	-		-		-		-		
	Net Dimensions (WxHxD)	mm	-		-		-		-		
Additional Accessories	Drain Pump	Drain Pump	-		-		-		-		
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h		-		-		-		

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Optional Accessories



Standard Accessories



FJM Specification - Indoor Units



Crystal

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



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		HP		HP		HP	
Performance	Capacity (Nominal)	Cooling	kW	2.0	2.6	3.5	5.2	Btu/h	6,800
		Heating	kW	2.2	2.9	3.8	5.6	Btu/h	7,800
Power	Power Input (Nominal)	Cooling	W	30	30	35	50	Heating	W
		Heating	W	30	30	35	50	Current Input (Nominal)	A
Fan	Motor	Type	-	Crossflow Fan / SSR	Crossflow Fan / SSR	Crossflow Fan / SSR	Crossflow Fan / SSR	Output	W
		Output	W	23	23	23	40	Air Flow Rate	CMM
Piping Connections	Liquid Pipe	High	CMM	7.9	9.1	9.8	14.2	External Static Pressure	mmAq
		Min. / Std. / Max.	mmAq	-	-	-	-	Pa	-
		Gas Pipe	Φ, mm	6.35	6.35	6.35	6.35	Φ, inch	1/4
Field Wiring	Power Source Wire	Φ, mm	9.52	9.52	9.52	12.7	Φ, inch	3/8	
		Φ, inch	3/8	3/8	3/8	1/2	Drain Pipe	Φ, mm	
Refrigerant	Control Method	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)	Type	-	
		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)	Control Method	-	
Sound	Sound Pressure	High / Low	dBA	31 / 21	31 / 21	35 / 21	40 / 30	Net Weight	kg
		Net Weight	kg	9	9	9	13	Shipping Weight	kg
Dimensions	Net Dimensions (WxHxD)	mm	820 x 286 x 190	820 x 286 x 190	820 x 286 x 190	1099 x 315 x 217	Shipping Dimensions (WxHxD)	mm	
		mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	Panel Model	-	
Panel Size	Panel Net Weight	kg	-	-	-	-	Shipping Weight	kg	
		kg	-	-	-	-	Net Dimensions (WxHxD)	mm	
		kg	-	-	-	-	Shipping Dimensions (WxHxD)	mm	
		kg	-	-	-	-	Drain Pump	-	
Additional Accessories	Air Filter	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	Full HD Filter 80	Full HD Filter 80	
		Full HD Filter 80	Full HD Filter 80	Full HD Filter 80	Full HD Filter 80				

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Optional Accessories

Individual Controllers



Standard Accessories

Wireless Remote Controller



FJM Specification - Indoor Units



Neo Forte

- Deodorizing Filter
- Catechin Filter
- Smart Inverter



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	HP	HP	HP		
Performance	Capacity (Nominal)	Cooling					
		kW	2.0	2.6	3.5	5.2	
	Btu/h	6,800	8,900	11,900	17,700		
	Heating						
kW	2.2	2.9	3.8	5.6			
Btu/h	7,800	9,900	13,000	20,500			
Power	Power Input (Nominal)	Cooling	30	30	35	50	
		W	30	30	35	50	
	Current Input (Nominal)	Cooling	0.18	0.18	0.19	0.30	
		A	0.18	0.18	0.19	0.30	
Fan	Motor	Type	-	Crossflow Fan / SSR	Crossflow Fan / SSR	Crossflow Fan / SSR	
		Output	W	23	23	23	40
	Air Flow Rate	High	CMM	7.7	8.3	9.5	13.2
	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	12.7	
		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	mm ²	1.0	1.0	1.0	1.0	
	Transmission Cable	mm ²	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	
	Control Method	-	EEV (External)	EEV (External)	EEV (External)	EEV (External)	
Sound	Sound Pressure	High / Low	dBA	32 / 23	32 / 23	36 / 23	40 / 30
		kg	7.8	7.8	7.8	13	
	Shipping Weight	kg	9.4	9.4	9.4	16	
		Net Dimensions (WxHxD)	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1099 x 315 x 217
Shipping Dimensions (WxHxD)	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 (WxHxD)	mm	-	-	-	-	
Shipping Dimensions (WxHxD)	mm	-	-	-	-		
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-
		Air Filter	-	Long life filter	Long life filter	Long life filter	Long life filter

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Optional Accessories

- Individual Controllers



Standard Accessories

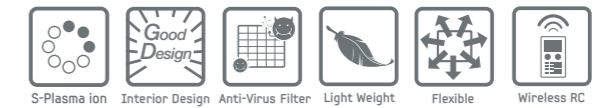
- Wireless Remote Controller



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	HP	HP		
Performance	Capacity (Nominal)	Cooling				
		kW	2.6	3.5	5.2	
	Btu/h	8,900	11,900	17,700		
	Heating					
kW	2.9	3.8	5.6			
Btu/h	9,900	13,000	20,500			
Power	Power Input (Nominal)	Cooling	35	35	50	
		W	30	35	50	
	Current Input (Nominal)	Cooling	0.25	0.29	0.35	
		A	0.25	0.29	0.35	
Fan	Motor	Type	-	Turbo Fan / BLDC	Turbo Fan / BLDC	Turbo Fan / BLDC
		Output	W	37	37	37
	Air Flow Rate	High	CMM	9	10.5	11.2
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-
Pa	-	-	-	-		
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	
		Φ, inch	1/4	1/4	1/4	
	Gas Pipe	Φ, mm	9.52	9.52	12.7	
		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	mm ²	1.0	1.0	1.0	
	Transmission Cable	mm ²	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0	
Refrigerant	Type	-	R410a	R410a	R410a	
	Control Method	-	EEV (External)	EEV (External)	EEV (External)	
Sound	Sound Pressure	High / Low	dBA	28 / 23	39 / 24	44 / 25
		kg	15	15	15	
	Shipping Weight	kg	19	19	19	
		Net Dimensions (WxHxD)	mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
Shipping Dimensions (WxHxD)	mm	810 x 710 x 295	810 x 710 x 295	810 x 710 x 295		
Panel Size	Panel Model	-	-	-	-	
	Panel Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (WxHxD)	mm	-	-	-	
Shipping Dimensions (WxHxD)	mm	-	-	-		
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
		Air Filter	-	Long life filter	Long life filter	Long life filter

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

Optional Accessories

- Individual Controllers



Standard Accessories

- Wireless Remote Controller



FJM Capacity Combination



RJ040F2HXEA

Neo Forte & Crystal

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	EG	
		A	B	C	D	%	Total	A	B	C	D	Total	W			A							
													MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
													MIN			NOM			MAX				
1 Unit	2000	-	-	-	-	50%	2000	2100	-	-	-	2100	1250	2100	2520	300	540	630	1.7	2.5	2.9	3.89	A
	2600	-	-	-	-	65%	2600	2600	-	-	-	2600	1250	2600	3120	300	750	880	1.7	3.4	4.0	3.47	A
	3500	-	-	-	-	88%	3500	3500	-	-	-	3500	1250	3500	4200	300	1060	1240	1.7	4.9	5.7	3.30	A
2 Unit	2000	2000	-	-	-	100%	4000	2000	2000	-	-	4000	1250	4000	4500	300	1180	1330	1.7	5.4	6.1	3.39	A
	2000	2600	-	-	-	115%	4600	1740	2260	-	-	4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A
	2000	3500	-	-	-	138%	5500	1450	2550	-	-	4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A
	2600	2600	-	-	-	130%	5200	2000	2000	-	-	4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A
	2600	3500	-	-	-	153%	6100	1700	2300	-	-	4000	1300	4000	4500	350	1110	1330	1.9	5.1	6.1	3.60	A

- 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, 2600, 3500W class: Wall Mounted Neo forte & Crystal Series [only for MH**FNEA, MH**FAEA Type]
- 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 6.1 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			EER	EG	
		A	B	C	D	%	Total	A	B	C	D	Total	W			A							
													MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
													MIN			NOM			MAX				
1 Unit	2200	-	-	-	-	50%	2200	2400	-	-	-	2400	1000	2400	2990	260	780	910	1.3	3.6	4.2	3.08	D
	2900	-	-	-	-	66%	2900	3100	-	-	-	3100	1000	3100	3450	260	850	1080	1.3	3.9	4.9	3.65	A
	3800	-	-	-	-	86%	3800	3800	-	-	-	3800	1000	3800	4370	260	1100	1380	1.3	5.0	6.3	3.45	B
2 Unit	2200	2200	-	-	-	100%	4400	2200	2200	-	-	4400	1000	4400	4700	280	1160	1390	1.4	5.3	6.4	3.79	A
	2200	2900	-	-	-	116%	5100	1900	2500	-	-	4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A
	2200	3800	-	-	-	136%	6000	1610	2790	-	-	4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A
	2900	2900	-	-	-	132%	5800	2200	2200	-	-	4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A
	2900	3800	-	-	-	152%	6700	1900	2500	-	-	4400	1000	4400	4700	280	1020	1400	1.4	4.7	6.4	4.31	A

- 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, 2900, 3800W class: Wall Mounted Neo forte & Crystal Series [only for MH**FNEA, MH**FAEA Type]
- 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 6.7 kW (@ Heating)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

Maldives - High EER

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	EG	
		A	B	C	D	%	Total	A	B	C	D	Total	W			A							
													MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
													MIN			NOM			MAX				
1 Unit	2000	-	-	-	-	50%	2000	2100	-	-	-	2100	1250	2100	2520	300	540	630	1.7	2.5	2.9	3.89	A
	2500	-	-	-	-	63%	2500	2500	-	-	-	2500	1250	2500	3120	300	750	880	1.7	3.4	4.0	3.33	A
	3500	-	-	-	-	88%	3500	3500	-	-	-	3500	1250	3500	4200	300	1060	1240	1.7	4.9	5.7	3.30	A
2 Unit	2000	2000	-	-	-	100%	4000	2000	2000	-	-	4000	1250	4000	4500	300	1180	1330	1.7	5.4	6.1	3.39	A
	2000	2500	-	-	-	113%	4500	1780	2220	-	-	4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A
	2000	3500	-	-	-	138%	5500	1450	2550	-	-	4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A
	2500	2500	-	-	-	125%	5000	2000	2000	-	-	4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A
	2500	3500	-	-	-	150%	6000	1670	2330	-	-	4000	1300	4000	4500	350	1110	1330	1.9	5.1	6.1	3.60	A

- 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 Madives HI-EER P Series [only for AQP**PSBN]
- 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			EER	EG	
		A	B	C	D	%	Total	A	B	C	D	Total	W			A							
													MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
													MIN			NOM			MAX				
1 Unit	2200	-	-	-	-	50%	2200	2400	-	-	-	2400	1000	2400	2990	260	780	910	1.3	3.6	4.2	3.08	D
	3300	-	-	-	-	75%	3300	3100	-	-	-	3100	1000	3100	3450	260	850	1080	1.3	3.9	4.9	3.65	A
	4000	-	-	-	-	91%	4000	3800	-	-	-	3800	1000	3800	4370	260	1100	1380	1.3	5.0	6.3	3.45	B
2 Unit	2200	2200	-	-	-	100%	4400	2200	2200	-	-	4400	1000	4400	4700	280	1160	1390	1.4	5.3	6.4	3.79	A
	2200	3300	-	-	-	125%	5500	1760	2640	-	-	4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A
	2200	4000	-	-	-	141%	6200	1560	2840	-	-	4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A
	3300	3300	-	-	-	150%	6600	2200	2200	-	-	4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A
	3300	4000	-	-	-	166%	7300	1990	2410	-	-	4400	1000	4400	4700	280	1020	1400	1.4	4.7	6.4	4.31	A

- 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 Madives HI-EER P Series [only for AQP**PSBN]
- 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.

Jungfrau Deluxe

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	EG	
		A	B	C	D	%	Total	A	B	C	D	Total	W			A							
													MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
													MIN			NOM			MAX				
1 Unit	2500	-	-	-	-	63%	2500	2500	-	-	-	2500	1250	2500	3120								
	3500	-	-	-	-	88%	3500	3500	-	-	-	3500	1250	3500	4200								
2 Unit	2500	2500	-	-	-	125%	5000	2000	2000	-	-	4000	1300	4000	4500								
	2500	3500	-	-	-	150%	6000	1670	2330	-	-	4000	1300	4000	4500								

- 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.
 - 2500, 3500W class: Wall Mounted Jungfrau DLX Y Series [only for AQP**YWAN]
- 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			EER	EG	
		A	B	C	D	%	Total	A	B	C	D	Total	W			A							
													MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
													MIN			NOM			MAX				
1 Unit	3200	-	-	-	-	73%	3200	3100	-	-	-	3100	1000	3100	3450								
	4000	-	-	-	-	91%	4000	3800	-	-	-	3800	1000	3800	4370								
2 Unit	3200	3200	-	-	-	145%	6400	2200	2200	-	-	4400	1000	4400	4700								
	3200	4000	-	-	-	164%	7200	1960	2440	-	-	4400	1000	4400	4700								

- 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.
 - 3200, 4000W class: Wall Mounted Jungfrau DLX Series [only for AQP**YWAN]
- 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 7.2 kW (@ Heating)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

FJM Capacity Combination



RJ050F2HXEA

Neo Forte & Crystal

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	EG
		A	B	C	D	%	Total	A	B	C	D	Total	W			A						
		MIN		NOM		MAX		MIN			NOM			MAX								
1 Unit	2000	-	-	-	40%	2000	2400	-	-	-	2400	1250	2400	2880	300	730	880	1.7	3.3	4.0	3.29	A
	2600	-	-	-	52%	2600	2600	-	-	-	2600	1250	2600	3120	300	800	960	1.7	3.7	4.4	3.25	A
	3500	-	-	-	70%	3500	3500	-	-	-	3500	1250	3500	4200	300	1090	1310	1.7	5.0	6.0	3.21	A
2000	2000	-	-	104%	5200	5000	-	-	-	5000	1250	5000	5200	300	1600	1740	1.7	7.3	8.0	3.13	B	
2 Unit	2000	2000	-	-	80%	4000	2000	2000	-	-	4000	1300	4000	4800	350	1245	1490	1.9	5.7	6.8	3.21	A
	2000	2600	-	-	92%	4600	2000	2600	-	-	4600	1300	4600	5200	350	1430	1720	1.9	6.5	7.9	3.22	A
	2000	3500	-	-	110%	5500	1820	3180	-	-	5000	1400	5000	5400	350	1490	1780	1.9	6.8	8.1	3.36	A
	2000	5200	-	-	144%	7200	1390	3610	-	-	5000	1400	5000	5400	350	1450	1800	1.9	6.6	8.2	3.45	A
	2600	2600	-	-	104%	5200	2500	2500	-	-	5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A
	2600	3500	-	-	122%	6100	2130	2870	-	-	5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A
	2600	5200	-	-	156%	7800	1670	3330	-	-	5000	1400	5000	5400	350	1450	1700	1.9	6.6	7.8	3.45	A
	3500	3500	-	-	140%	7000	2500	2500	-	-	5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A
	3500	5200	-	-	174%	8700	2010	2990	-	-	5000	1400	5000	5400	350	1425	1700	1.9	6.5	7.8	3.51	A

- 1. Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- 2. The above is the value for connecting with the following indoor units.
 - 2000, 2600, 3500, 5200W class: Wall Mounted Neo forte & Crystal Series [only for MH***FNEA, MH***FAEA Type]
- 3. Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- 4. The total ability of connected a indoor unit is up to 8.7 kW (@ Cooling)
- 5. It is impossible to connect the indoor unit for one room only.
- 6. Power consumption include indoor unit power.

Maldives - High EER

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	EG
		A	B	C	D	%	Total	A	B	C	D	Total	W			A						
		MIN		NOM		MAX		MIN			NOM			MAX								
1 Unit	2000	-	-	-	40%	2000	2400	-	-	-	2400	1250	2400	2880	300	730	880	1.7	3.3	4.0	3.29	A
	2500	-	-	-	50%	2500	2500	-	-	-	2500	1250	2500	3120	300	800	960	1.7	3.7	4.4	3.13	B
	3500	-	-	-	70%	3500	3500	-	-	-	3500	1250	3500	4200	300	1090	1310	1.7	5.0	6.0	3.21	A
2000	2000	-	-	100%	5000	5000	-	-	-	5000	1250	5000	5200	300	1600	1740	1.7	7.3	8.0	3.13	B	
2 Unit	2000	2000	-	-	80%	4000	2000	2000	-	-	4000	1300	4000	4800	350	1245	1490	1.9	5.7	6.8	3.21	A
	2000	2500	-	-	90%	4500	2040	2560	-	-	4600	1300	4600	5200	350	1430	1720	1.9	6.5	7.9	3.22	A
	2000	3500	-	-	110%	5500	1820	3180	-	-	5000	1400	5000	5400	350	1490	1780	1.9	6.8	8.1	3.36	A
	2000	5000	-	-	140%	7000	1430	3570	-	-	5000	1400	5000	5400	350	1450	1800	1.9	6.6	8.2	3.45	A
	2500	2500	-	-	100%	5000	2500	2500	-	-	5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A
	2500	3500	-	-	120%	6000	2080	2920	-	-	5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A
	2500	5000	-	-	150%	7500	1670	3330	-	-	5000	1400	5000	5400	350	1450	1700	1.9	6.6	7.8	3.45	A
	3500	3500	-	-	140%	7000	2500	2500	-	-	5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A
	3500	5000	-	-	170%	8500	2060	2940	-	-	5000	1400	5000	5400	350	1425	1700	1.9	6.5	7.8	3.51	A

- 1. Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- 2. The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500, 5000W class: Wall Mounted Madives HI-EER P Series [only for AQV**PSBN]
- 3. Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- 4. The total ability of connected a indoor unit is up to 8.5 kW (@ Cooling)
- 5. It is impossible to connect the indoor unit for one room only.
- 6. Power consumption include indoor unit power.

HEATING	Outdoor Unit	Indoor Unit Combination					Heating Capacity (W)					Capacity			Power Consumption			Current			EER	EG
		A	B	C	D	%	Total	A	B	C	D	Total	W			A						
		MIN		NOM		MAX		MIN			NOM			MAX								
1 Unit	2200	-	-	-	39%	2200	2500	-	-	-	2500	1050	2500	2990	260	880	1010	1.3	4.0	4.6	2.84	D
	2900	-	-	-	51%	2900	2900	-	-	-	2900	1050	2900	3340	260	950	1290	1.3	4.3	5.9	3.05	D
	3800	-	-	-	67%	3800	3800	-	-	-	3800	1050	3800	4370	260	1200	1620	1.3	5.5	7.4	3.17	D
	5600	-	-	-	98%	5600	5400	-	-	-	5400	1050	5400	5600	260	1650	2060	1.3	7.6	9.4	3.27	C
2 Unit	2200	2200	-	-	77%	4400	2200	2200	-	-	4400	1100	4400	4750	280	1220	1390	1.4	5.6	6.4	3.61	A
	2200	2900	-	-	89%	5100	2200	2900	-	-	5100	1100	5100	5460	280	1410	1610	1.4	6.5	7.4	3.62	A
	2200	3800	-	-	105%	6000	2090	3610	-	-	5700	1100	5700	6300	280	1520	1900	1.4	7.0	8.7	3.75	A
	2200	5600	-	-	137%	7800	1610	4090	-	-	5700	1100	5700	6400	280	1440	1800	1.4	6.6	8.2	3.96	A
	2900	2900	-	-	102%	5800	2850	2850	-	-	5700	1100	5700	6300	208	1550	1940	1.4	7.1	8.9	3.68	A
	2900	3800	-	-	118%	6700	2470	3230	-	-	5700	1100	5700	6300	280	1550	1850	1.4	7.1	8.5	3.68	A
	2900	5600	-	-	149%	8500	1940	3760	-	-	5700	1100	5700	6400	280	1440	1750	1.4	6.6	8.0	3.96	A
	3800	3800	-	-	133%	7600	2850	2850	-	-	5700	1100	5700	6300	280	1470	1840	1.4	6.7	8.4	3.88	A
	3800	5600	-	-	165%	9400	2300	3400	-	-	5700	1100	5700	6400	280	1360	1750	1.4	6.2	8.0	4.19	A

- 1. Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
- 2. The above is the value for connecting with the following indoor units.
 - 2200, 2900, 3800, 5600W class: Wall Mounted Neo forte & Crystal Series [only for MH***FNEA, MH***FAEA Type]
- 3. Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- 4. The total ability of connected a indoor unit is up to 9.4 kW (@ Heating)
- 5. It is impossible to connect the indoor unit for one room only.
- 6. Power consumption include indoor unit power.

HEATING	Outdoor Unit	Indoor Unit Combination					Heating Capacity (W)					Capacity			Power Consumption			Current			EER	EG
		A	B	C	D	%	Total	A	B	C	D	Total	W			A						
		MIN		NOM		MAX		MIN			NOM			MAX								
1 Unit	2200	-	-	-	39%	2200	2500	-	-	-	2500	1050	2500	2990	260	880	1010	1.3	4.0	4.6	2.84	D
	3300	-	-	-	58%	3300	3300	-	-	-	3300	1050	3300	3340	260	1050	1290	1.3	4.8	5.9	3.14	D
	4000	-	-	-	70%	4000	4000	-	-	-	4000	1050	4000	4370	260	1300	1620	1.3	5.9	7.4	3.08	D
	6000	-	-	-	105%	6000	5400	-	-	-	5400	1050	5400	5600	260	1650	2060	1.3	7.6	9.4	3.27	C
2 Unit	2200	2200	-	-	77%	4400	2200	2200	-	-	4400	1100	4400	4750	280	1220	1390	1.4	5.6	6.4	3.61	A
	2200	3300	-	-	96%	5500	2040	3060	-	-	5100	1100	5100	5460	280	1410	1610	1.4	6.5	7.4	3.62	A
	2200	4000	-	-	109%	6200	2020	3680	-	-	5700	1100	5700	6300	280	1520	1900	1.4	7.0	8.7	3.75	A
	2200	6000	-	-	144%	8200	1530	4170	-	-	5700	1100	5700	6400	280	1440	1800	1.4	6.6	8.2	3.96	A
	3300	3300	-	-	116%	6600	2850	2850	-	-	5700	1100	5700	6300	208	1550	1940	1.4	7.1	8.9	3.68	A
	3300	4000	-	-	128%	7300	2580	3120	-	-	5700	1100	5700	6300	280	1550	1850	1.4	7.1	8.5	3.68	A
	3300	6000	-	-	163%	9300	2020	3680	-	-	5700	1100	5700	6400	280	1440	17					

FJM Capacity Combination

RJ070F4HXEA



Jungfrau Deluxe

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	EG		
		A	B	C	D	%	Total	A	B	C	D	Total	W			A								
		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX											
COOLING	1 Unit	2500	-	-	-	36%	2500	2500	-	-	-	2500	1350	2500	3480									
		3500	-	-	-	50%	3500	3500	-	-	-	3500	1350	3500	4200									
		5000	-	-	-	71%	5000	4900	-	-	-	4900	1400	4900	6240									
	2 Unit	2500	2500	-	-	71%	5000	2600	2600	-	-	5200	1750	5200	6240									
		2500	3500	-	-	86%	6000	2540	3560	-	-	6100	1820	6100	7320									
		2500	5000	-	-	107%	7500	2330	4670	-	-	7000	1900	7000	8400									
		3500	3500	-	-	100%	7000	3500	3500	-	-	7000	1900	7000	8000									
		3500	5000	-	-	121%	8500	2880	4120	-	-	7000	1900	7000	8900									
	3 Unit	5000	5000	-	-	143%	10000	3500	3500	-	-	7000	1900	7000	8900									
		2500	2500	2500	-	107%	7500	2240	2240	2240	-	6720	1900	6720	8050									
		2500	2500	3500	-	121%	8500	2000	2000	2790	-	6790	1900	6790	8150									
		2500	2500	5000	-	143%	10000	1750	1750	3500	-	7000	1900	7000	8900									
2500		3500	3500	-	136%	9500	1840	2580	2580	-	7000	1900	7000	8900										
4 Unit	3500	3500	3500	-	150%	10500	2330	2330	2330	-	6990	1900	6990	8900										
	2500	2500	2500	2500	143%	10000	1750	1750	1750	1750	7000	1900	7000	8900										

- 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.
 - 2500, 3500, 5000W class: Wall Mounted Jungfrau DLX Y Series [only for AQV**YWAN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 7.5m / - 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.

Jungfrau Deluxe

HEATING	Outdoor Unit	Indoor Unit Combination					Heating Capacity (W)					Capacity			Power Consumption			Current			EER	EG		
		A	B	C	D	%	Total	A	B	C	D	Total	W			A								
		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX											
HEATING	1 Unit	3200	-	-	-	37%	3200	3300	-	-	-	3300	1820	3300	3680									
		4000	-	-	-	47%	4000	4000	-	-	-	4000	1930	4000	4600									
		6000	-	-	-	70%	6000	6000	-	-	-	6000	2080	6000	6440									
	2 Unit	3200	3200	-	-	74%	6400	2900	2900	-	-	5800	2100	5800	6670									
		3200	4000	-	-	84%	7200	2980	3720	-	-	6700	2170	6700	8040									
		3200	6000	-	-	107%	9200	2710	5090	-	-	7800	2200	7800	9600									
		4000	4000	-	-	93%	8000	3800	3800	-	-	7600	2200	7600	9120									
		4000	6000	-	-	116%	10000	3250	4870	-	-	8120	2200	8120	9740									
	3 Unit	6000	6000	-	-	140%	12000	4250	4250	-	-	8500	2200	8500	10200									
		3200	3200	3200	-	112%	9600	2750	2750	2750	-	8250	2200	8250	9650									
		3200	3200	4000	-	121%	10400	2570	2570	3190	-	8330	2200	8330	9740									
		3200	3200	6000	-	144%	12400	2220	2220	4160	-	8600	2200	8600	10300									
3200		4000	4000	-	130%	11200	2460	3070	3070	-	8600	2200	8600	10300										
4 Unit	4000	4000	4000	-	140%	12000	2860	2870	2870	-	8600	2200	8600	10300										
	3200	3200	3200	3200	149%	12800	2150	2150	2150	2150	8600	2200	8600	10300										

- 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.
 - 3200, 4000, 6000W class: Wall Mounted Jungfrau DLX Series [only for AQV**YWAN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 7.5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 12.8 kW (@ Heating)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

FJM Capacity Combination

RJ080F4HXEA



Jungfrau Deluxe

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	EG
		A	B	C	D	%	Total	A	B	C	D	Total	W			A						
													MIN	NOM	MAX	MIN	NOM	MAX				
1 Unit	2500	-	-	-	31%	2500	2500	-	-	-	2500	1520	2500	3480								
	3500	-	-	-	44%	3500	3500	-	-	-	3500	1600	3500	4200								
	5000	-	-	-	63%	5000	4900	-	-	-	4900	1750	4900	6240								
2 Unit	2500	2500	-	-	63%	5000	2600	2600	-	-	5200	1750	5200	6240								
	2500	3500	-	-	75%	6000	2540	3560	-	-	6100	1820	6100	7320								
	2500	5000	-	-	94%	7500	2400	4800	-	-	7200	1900	7200	8640								
	3500	3500	-	-	88%	7000	3500	3500	-	-	7000	1900	7000	8000								
	3500	5000	-	-	106%	8500	3030	4320	-	-	7350	1900	7350	8820								
3 Unit	5000	5000	-	-	125%	10000	3825	3825	-	-	7650	1900	7650	9180								
	2500	2500	2500	-	94%	7500	2510	2510	2510	-	7530	1900	7530	9030								
	2500	2500	3500	-	106%	8500	2240	2240	3130	-	7610	1900	7610	9130								
	2500	2500	5000	-	125%	10000	1940	1940	3880	-	7760	1900	7760	9300								
	2500	3500	3500	-	119%	9500	2030	2830	2830	-	7690	1900	7690	9230								
	2500	3500	5000	-	138%	11000	1820	2550	3630	-	8000	1900	8000	9300								
	3500	3500	3500	-	131%	10500	2670	2670	2660	-	8000	1900	8000	9300								
	3500	3500	5000	-	150%	12000	2330	2330	3340	-	8000	1900	8000	9300								
	2500	2500	2500	2500	125%	10000	1940	1940	1940	1940	7760	1900	7760	9300								
	2500	2500	3500	3500	150%	12000	1670	1670	2330	2330	8000	1900	8000	9300								

- 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.
 - 2500, 3500, 5000W class: Wall Mounted Jungfrau DLX Y Series [only for AQV**YWAN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 7.5m / - 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.

Jungfrau Deluxe


HEATING	Outdoor Unit	Indoor Unit Combination					Heating Capacity (W)					Capacity			Power Consumption			Current			EER	EG	
		A	B	C	D	%	Total	A	B	C	D	Total	W			A							
													MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
1 Unit	3200	-	-	-	34%	3200	3300	-	-	-	3300	1820	3300	3680									
	4000	-	-	-	43%	4000	4000	-	-	-	4000	1930	4000	4600									
	6000	-	-	-	65%	6000	6000	-	-	-	6000	2080	6000	6440									
2 Unit	3200	3200	-	-	69%	6400	2900	2900	-	-	5800	2100	5800	6670									
	3200	4000	-	-	77%	7200	2980	3720	-	-	6700	2170	6700	7710									
	3200	6000	-	-	99%	9200	2710	5090	-	-	7800	2200	7800	9360									
	4000	4000	-	-	86%	8000	3800	3800	-	-	7600	2200	7600	8740									
	4000	6000	-	-	108%	10000	3250	4870	-	-	8120	2200	8120	9500									
3 Unit	6000	6000	-	-	129%	12000	4250	4250	-	-	8500	2200	8500	9950									
	3200	3200	3200	-	103%	9600	2840	2840	2840	-	8520	2200	8520	9960									
	3200	3200	4000	-	112%	10400	2650	2650	3290	-	8590	2200	8590	10050									
	3200	3200	6000	-	133%	12400	2260	2260	4230	-	8750	2200	8750	10900									
	3200	4000	4000	-	120%	11200	2480	3090	3090	-	8660	2200	8660	10130									
	3200	4000	6000	-	142%	13200	2250	2820	4230	-	9300	2200	9300	10900									
	4000	4000	4000	-	129%	12000	2910	2910	2910	-	8730	2200	8730	10220									
	4000	4000	6000	-	151%	14000	2660	2660	3980	-	9300	2200	9300	10900									
	3200	3200	3200	3200	138%	12800	2190	2190	2190	2190	8760	2200	8760	10240									
	3200	3200	4000	4000	146%	13600	2190	2190	2190	2730	9300	2200	9300	10900									
3200	3200	4000	4000	155%	14400	2070	2070	2580	2580	9300	2200	9300	10900										

- 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.
 - 3200, 4000, 6000W class: Wall Mounted Jungfrau DLX Series [only for AQV**YWAN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 7.5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 14.4 kW (@ Heating)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

CAC Lineup & Feature - 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	10.0 kW

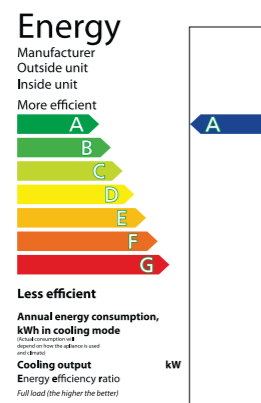


CAC Single Features

All A/A Grade

All models of the 4Way Cassette S indoor unit have earned an A/A energy efficiency grade.

Energy efficiency class of the unit in cooling mode:	Energy efficiency class of the unit in heating mode:
A EER > 3.20	A COP > 3.60
B 3.20 ≥ EER > 3.00	B 3.60 ≥ COP > 3.40
C 3.00 ≥ EER > 2.80	C 3.40 ≥ COP > 3.20
D 2.80 ≥ EER > 2.60	D 3.20 ≥ COP > 2.80
E 2.60 ≥ EER > 2.40	E 2.80 ≥ COP > 2.60
F 2.40 ≥ EER > 2.20	F 2.60 ≥ COP > 2.40
G 2.20 ≥ EER	G 2.40 ≥ COP



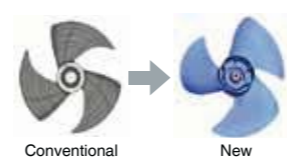
World's Top Class Energy Efficiency

Improved Compressor

The smart inverter outdoor unit has adopted a better energy efficiency compressor to achieve 4.8 COP and 4.5 EER.

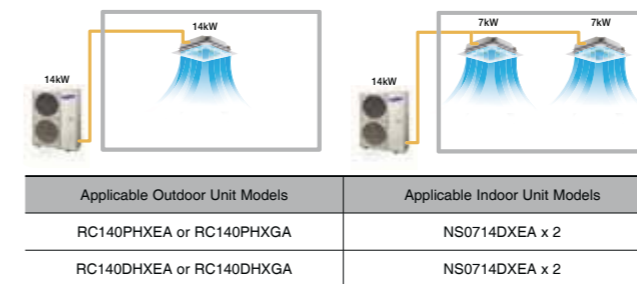
Improved Propeller Fan

Newly improved propeller fan was applied and it has increased energy efficiency by 10%.



Simultaneous On/Off Function

Instead of just one indoor unit, why not have two? You can connect two 7kW 4Way Cassette S indoor units with a single 14kW Smart inverter outdoor unit for more efficient cooling and heating. You'll also be able to simultaneously control both indoor units as if they were one.








Smart Inverter Features

- Smaller and Lighter
- Flexible Pipe Installation
- High Efficiency
- Save Up to 50% in Energy Costs
- Wide Temperature Performance
- Comfortable Temperature
- Fast Cooling and Heating
- Silent Operation

CAC Lineup & Feature - Indoor Units

Cassette

MODEL	FLAGSHIP	PREMIUM	DELUXE	MINI 4WAY	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	Wide Blade	●	●		●
	Ceiling Soiling Prevention	●	●		●
	Fresh Air Intake	●	●		●
	High Lift-Up Drain Pump	●	●	●	●
	Quick Connection of Drain Pipe			●	●
	Sub Duct	●	●		●

Duct

MODEL	SLIM	MSP
CAPACITY	3.5	●
	5.2	●
	7.0 / 7.1	●
	9.0	●
	10.0	●
	12.5	●
	14.0	●
FEATURES	Anti-Bacteria Filter	●
	Easy Filter Cleaning	●
	High Lift-Up Drain Pump	●
	Smart Pressure Control	●
	Wired Remote Controller	●

Wall-mounted

MODEL	NEO FORTE
CAPACITY	2.6
	3.5
	5.2
	7.0 / 7.1
FEATURES	Full HD Filter
	Deodorizing Filter
	Catechin Filter
	Smart Inverter
	Wireless Remote Controller

Console & Ceiling

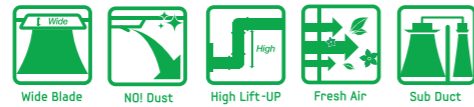
MODEL	CONSOLE	CEILING
CAPACITY	2.6	●
	3.5	●
	5.2	●
	7.0 / 7.1	●
FEATURES	S-Plasma ion	●
	Interior Design	●
	Anti-Bacteria Filter	●
	Light Weight	●
	Flexible Pipe Installation	●
	Wireless Remote Controller	●

CAC Specification



4Way Cassette S

- Filter Cleaning Robot (Optional)
- S-Plasma ion (Optional)
- Motion Detect Sensor (Optional)
- Individual Blade Control



Flagship

Premium

Model Name	Indoor Unit	Outdoor Unit	NS1004ZXEAA	NS0714PXEEA	NS0904PXEEA	NS1004PXEEA	NS1004PXEEA	NS1004PXEEA	NS1254PXEEA
Mode			Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	4.4 / 10.0 / 12.0	2.2 / 7.1 / 8.0	2.5 / 9.0 / 10.0	3.5 / 10.0 / 12.0	3.5 / 10.0 / 12.0	3.5 / 12.5 / 14.0	3.5 / 12.5 / 14.0
		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	11,900 / 42,700 / 47,800
	Heating (Min. / Std. / Max.)	kW	3.5 / 11.2 / 15.5	1.9 / 8.0 / 11.0	2.3 / 10.0 / 13.9	3.5 / 11.2 / 15.5	3.5 / 11.2 / 15.5	3.5 / 14.0 / 16.2	3.5 / 14.0 / 16.2
		Btu/h	11,900 / 38,200 / 52,900	6,500 / 27,300 / 37,500	7,800 / 34,100 / 47,400	11,900 / 38,200 / 52,900	11,900 / 38,200 / 52,900	11,900 / 47,800 / 55,300	11,900 / 47,800 / 55,300
Energy Grade (C) / Energy Grade (H)			A / A	A / A	A / A	A / A	A / A	A / A	A / A
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.05 / 2.21 / 3.1	0.90 / 1.87 / 2.80	0.6 / 2.5 / 3.7	0.8 / 2.38 / 3.8	0.8 / 2.38 / 3.8	0.8 / 3.47 / 4.8
		Heating (Min. / Std. / Max.)	kW	0.62 / 2.34 / 4.6	0.35 / 1.95 / 3.50	0.48 / 2.5 / 5.2	0.7 / 2.49 / 4.5	0.7 / 2.49 / 4.5	0.7 / 3.59 / 4.5
Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	4.6 / 9.7 / 24	2.1 / 9.5 / 18.0	3 / 11 / 18.7	3.7 / 10.5 / 24	3.7 / 10.5 / 24	3.7 / 15.5 / 24	
	Heating (Min. / Std. / Max.)	A	3 / 10.3 / 24	2.1 / 9.5 / 18.0	2.4 / 11 / 23	3.5 / 11.5 / 24	3.5 / 11.5 / 24	3.5 / 16 / 24	
COP	Nominal Cooling	-	4.52	3.80	3.60	4.20	4.20	3.60	
	Nominal Heating	-	4.80	4.10	4.00	4.50	4.50	3.90	
Piping Connections	Liquid Pipe	φ, mm	9.52 x 1	6.35 x 1	9.52 x 1	9.52 x 1	9.52 x 1	9.52 x 1	
	Gas Pipe	φ, mm	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	75.0	50.0	50.0	75.0	75.0	
		Max. Height (Between ID/OD)	m	30.0	30.0	30.0	30.0	30.0	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	3.8	1.8	3.0	3.4	3.4	3.4	
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	
Fan	Air Flow Rate	CMM	32.0	22.5	27.5	30.0	30.0	30.0	
	External Static Pressure	Min. / Std. / Max. mmAq	-	-	-	-	-	-	
Drain	Drain Pipe	φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Sound	Sound Pressure	High / Low dB(A)	45/32	36/28	42/32	44/34	44/34	44/36	
External Dimension	Net Weight	kg	21	17	19	21	21	21	
	Shipping Weight	kg	26	22	24	26	26	26	
	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	
	Shipping Dimensions (WxHxD)	mm	898 x 357 x 898	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	
Panel Size	Panel model	-	PC4NUSKA	PC4NUSKA	PC4NUSKA	PC4NUSKA	PC4NUSKA	PC4NUSKA	
	Panel Net Weight	kg	5.9	5.9	5.9	5.9	5.9	5.9	
	Shipping Weight	kg	8.4	8.4	8.4	8.4	8.4	8.4	
	Net Dimensions (WxHxD)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	
	Shipping Dimensions (WxHxD)	mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	
Additional Accessories	Drain pump	Drain pump	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	
		Max. lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	750 / 24	750 / 24	750 / 24	
	Air Filter	-	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	
OUTDOOR UNIT									
Power Supply		φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	
Sound	Sound Pressure	dB(A)	49	49	52	49	49	51	
External Dimension	Net Weight	kg	98	50	72	88	91	88	
	Shipping Weight	kg	108	55	77	98	101	98	
	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	995 x 1548 x 426	1023 x 861 x 406	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	-5 ~ 46	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	
	Heating	°C	-20 ~ 24	-15 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MWR-DH00

Panel



PC4NUSKA



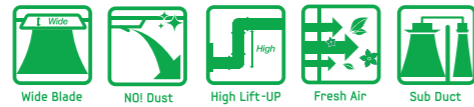
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CAC Specification



4Way Cassette S

- Filter Cleaning Robot (Optional)
- S-Plasma ion (Optional)
- Motion Detect Sensor (Optional)
- Individual Blade Control



Premium

Deluxe

Model Name	Indoor Unit	Outdoor Unit	NS1254PXEA	NS1404PXEA	NS1404PXEA	NS0714DXEA	NS0904DXEA	NS1004DXEA
Mode			Heat Pump		Heat Pump		Heat Pump	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	3.5 / 12.5 / 14.0	4.4 / 14.0 / 15.5	4.4 / 14.0 / 15.5	2.2 / 7.1 / 8.0	3.0 / 9.0 / 10.0	3.2 / 10.0 / 12.0
		Btu/h	11,900 / 42,700 / 47,800	15,000 / 47,800 / 52,900	15,000 / 47,800 / 52,900	7,500 / 24,200 / 27,300	10,200 / 30,700 / 34,100	10,900 / 34,100 / 40,900
	Heating (Min. / Std. / Max.)	kW	3.5 / 14.0 / 16.2	3.5 / 16.0 / 20.0	3.5 / 16.0 / 20.0	1.9 / 8.0 / 11.0	2.2 / 10.0 / 13.9	2.2 / 11.2 / 15.5
		Btu/h	11,900 / 47,800 / 55,300	11,900 / 54,600 / 68,200	11,900 / 54,600 / 68,200	6,500 / 27,300 / 37,500	7,500 / 34,100 / 47,400	7,500 / 38,200 / 52,900
	Energy Grade (C) / Energy Grade (H)		A / A		A / A		A / A	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.8 / 3.47 / 4.8		1.05 / 4 / 5.4		0.6 / 2.8 / 3.7	
		Heating (Min. / Std. / Max.)	0.7 / 3.59 / 4.5		0.87 / 4.1 / 6.5		0.35 / 2.21 / 4.00	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	2.1 / 5.8 / 12		4.6 / 17.8 / 24		3 / 12.5 / 18.7	
		Heating (Min. / Std. / Max.)	2.1 / 5.8 / 16.1		4 / 18.7 / 28		2.1 / 10.5 / 21.0	
	Circuit Breaker (MCCB+ELB / ELCB)		20		20		30	
COP	Nominal Cooling		3.60		3.50		3.21	
	Nominal Heating		3.90		3.90		3.61	
Piping Connections	Liquid Pipe	Φ, mm	9.52 x 1		9.52 x 1		6.35 x 1	
	Gas Pipe	Φ, mm	15.88 x 1		15.88 x 1		15.88 x 1	
	Installation Limitation	Max. Length (Outdoor to indoor)	75.0		75.0		50.0	
		Max. Height (Between ID/OD)	30.0		30.0		30.0	
Refrigerant	Type		R410A		R410A		R410A	
	Factory Charging	kg	3.4		3.8		1.8	
INDOOR UNIT								
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50		1, 2, 220-240, 50		1, 2, 220-240, 50	
Fan	Air Flow Rate	CMM	30.0		32.0		18.0	
	External Static Pressure	Min. / Std. / Max. mmAq	-		-		-	
		Pa	-		-		-	
Drain	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	
Sound	Sound Pressure	High / Low dB(A)	44/36		45/38		36/28	
External Dimension	Net Weight	kg	21		21		15	
	Shipping Weight	kg	26		26		20	
	Net Dimensions (WxHxD)	mm	840 x 288 x 840		840 x 288 x 840		840 x 246 x 840	
	Shipping Dimensions (WxHxD)	mm	898 x 357 x 898		898 x 357 x 898		898 x 274 x 898	
Panel Size	Panel model		PC4NUSKA		PC4NUSKA		PC4NUSKA	
	Panel Net Weight	kg	5.9		5.9		5.9	
	Shipping Weight	kg	8.4		8.4		8.4	
	Net Dimensions (WxHxD)	mm	950 x 45 x 950		950 x 45 x 950		950 x 45 x 950	
	Shipping Dimensions (WxHxD)	mm	1005 x 100 x 1005		1005 x 100 x 1005		1005 x 100 x 1005	
Additional Accessories	Drain pump		Built-in		Built-in		Built-in	
		Max. lifting Height / Displacement	750 / 24		750 / 24		750 / 24	
	Air Filter		Long life filter		Long life filter		Long life filter	
OUTDOOR UNIT								
Power Supply		Φ, #, V, Hz	3, 4, 380-415, 50		3, 4, 380-415, 50		1, 2, 220-240, 50	
Sound	Sound Pressure	dB(A)	51		51		49	
External Dimension	Net Weight	kg	91		101		50	
	Shipping Weight	kg	101		108		55	
	Net Dimensions (WxHxD)	mm	940 x 1210 x 330		940 x 1420 x 330		880 x 998 x 310	
	Shipping Dimensions (WxHxD)	mm	995 x 1338 x 426		995 x 1548 x 426		1023 x 861 x 406	
Operating Temp. Range	Cooling	°C	-15 ~ 50		-15 ~ 50		-5 ~ 46	
	Heating	°C	-20 ~ 24		-20 ~ 24		-20 ~ 24	

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00

Panel



PC4NUSKA



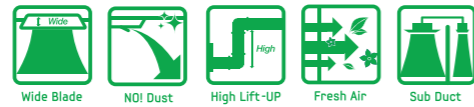
PC4NUSKE

CAC Specification



4Way Cassette S

- Filter Cleaning Robot (Optional)
- S-Plasma ion (Optional)
- Motion Detect Sensor (Optional)
- Individual Blade Control



Deluxe

Model Name	Indoor Unit	Outdoor Unit	NS1004DXEA	NS1254DXEA	NS1254DXEA	NS1404DXEA	NS1404DXEA
Mode			Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	4.0 / 10.0 / 12.0	3.5 / 12.5 / 14.0	3.5 / 12.5 / 14.0	3.5 / 14.0 / 15.5	3.5 / 14.0 / 15.5
		Btu/h	13,600 / 34,100 / 40,900	11,900 / 42,700 / 47,800	11,900 / 42,700 / 47,800	11,900 / 47,800 / 52,900	11,900 / 47,800 / 52,900
	Heating (Min. / Std. / Max.)	kW	3.5 / 11.2 / 15.5	3.0 / 14.0 / 16.2	3.0 / 14.0 / 16.2	3.5 / 16.0 / 18.0	3.5 / 16.0 / 18.0
		Btu/h	11,900 / 38,200 / 52,900	10,200 / 47,800 / 55,300	10,200 / 47,800 / 55,300	11,900 / 54,600 / 61,400	11,900 / 54,600 / 61,400
Energy Grade (C) / Energy Grade (H)			A / A	A / A	A / A	A / A	A / A
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.9 / 3.12 / 4.7	0.8 / 3.89 / 4.5	0.8 / 3.89 / 4.5	0.8 / 4.36 / 5.4	0.8 / 4.36 / 5.4
		Heating (Min. / Std. / Max.)	0.7 / 3.1 / 5.5	0.81 / 3.88 / 4.88	0.81 / 3.88 / 4.88	0.7 / 4.43 / 6.16	0.7 / 4.43 / 6.16
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	1.6 / 5 / 7.8	4 / 18 / 20	2.1 / 6.1 / 12.1	3.7 / 20 / 24	2.1 / 7.5 / 12
		Heating (Min. / Std. / Max.)	1.3 / 5 / 16.1	3.5 / 18 / 24	2.1 / 6.1 / 16.1	3.5 / 20 / 24	2.1 / 7.4 / 16.1
Circuit Breaker (MCCB+ELB / ELCB)		A	20	30	20	30	20
COP	Nominal Cooling	-	3.21	3.21	3.21	3.21	3.21
	Nominal Heating	-	3.61	3.61	3.61	3.61	3.61
Piping Connections	Liquid Pipe	Φ, mm	9.52 x 1	9.52 x 1	9.52 x 1	9.52 x 1	9.52 x 1
	Gas Pipe	Φ, mm	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1
	Installation Limitation	Max. Length (Outdoor to indoor)	m	50.0	75.0	75.0	75.0
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A
	Factory Charging	kg	3.1	2.9	2.9	3.4	3.4
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
Fan	Air Flow Rate	CMM	27.5	30.0	30.0	30.0	30.0
	External Static Pressure	Min. / Std. / Max. mmAq	-	-	-	-	-
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	Sound Pressure	High / Low	44/34	44/36	44/36	45/38	48/38
External Dimension	Net Weight	kg	17	19	19	21	21
	Shipping Weight	kg	22	24	24	26	26
Panel Size	Panel model	-	PC4NUSKA	PC4NUSKA	PC4NUSKA	PC4NUSKA	PC4NUSKA
	Panel Net Weight	kg	5.9	5.9	5.9	5.9	5.9
	Shipping Weight	kg	8.4	8.4	8.4	8.4	8.4
	Net Dimensions (WxHxD)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
Additional Accessories	Drain pump	Drain pump	Built-in	Built-in	Built-in	Built-in	Built-in
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	750 / 24	750 / 24
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	3, 4, 380-415, 50
Sound	Sound Pressure		52	51	51	52	52
External Dimension	Net Weight	kg	81	88	91	88	91
	Shipping Weight	kg	86	98	101	98	101
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MWR-DH00

Panel



PC4NUSKA



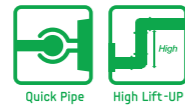
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CAC Specification

Mini 4Way Cassette



- Ideal Compact Size
- Fan Speed Adjustment



Model Name		Indoor Unit		TH026EAV1	TH035EAV1	TH052EAV1	TH060EAV1
Outdoor Unit				UH026EAV1	UH035EAV1	UH052EAV1	UH060EAV1
Mode				Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.99 / 2.6 / 3.5	1.0 / 3.5 / 4.2	1.6 / 4.7 / 6.0	1.8 / 5.8 / 6.5
		Heating (Min. / Std. / Max.)	kW	0.98 / 3.3 / 4.6	1.0 / 4.0 / 5.0	1.3 / 5.5 / 9.0	1.8 / 7.0 / 10.0
			Btu/h	3,400 / 8,900 / 12,300	3,400 / 11,900 / 14,300	5,500 / 16,000 / 20,500	6,100 / 19,800 / 22,200
Power	Energy Grade (C) / Energy Grade (H)		-	A / A	A / A	A / B	B / C
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.26 / 0.73 / 1.1	0.26 / 1.09 / 1.4	0.5 / 1.46 / 2.2	0.55 / 1.93 / 2.1
		Heating (Min. / Std. / Max.)	kW	0.24 / 0.9 / 1.4	0.25 / 1.1 / 1.4	0.48 / 1.59 / 3.2	0.51 / 2.18 / 3.7
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	1.6 / 3.4 / 5.1	1.6 / 5 / 6.4	2.4 / 6.7 / 10	2.7 / 8.8 / 9.4
COP		Heating (Min. / Std. / Max.)	A	1.5 / 4.3 / 6.6	1.5 / 5.1 / 6.7	2.6 / 7.4 / 15	2.6 / 10.5 / 16.6
	Circuit Breaker (MCCB+ELB / ELCB)		A	15	15	20	20
Piping Connections	Nominal Cooling		-	3.56	3.21	3.22	3.01
	Nominal Heating		-	3.67	3.64	3.46	3.21
	Liquid Pipe	Φ, mm		6.35	6.35 x 1	6.35 x 1	6.35 x 1
	Gas Pipe	Φ, mm		9.52	9.52 x 1	12.7 x 1	15.88 x 1
Refrigerant	Installation Limitation	Max. Length (Outdoor to indoor)	m	20.0	20.0	50.0	50.0
		Max. Height (Between ID/OD)	m	15.0	15.0	30.0	30.0
	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	-	1.0	1.5	1.5
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
Fan	Air Flow Rate		CMM	11.0	12.0	12.9	13.6
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-
Drain	Drain Pipe		Φ, mm	VP25 (OD32, ID25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Sound	Sound Pressure	High / Low		30 / 25	34 / 27	41 / 33	41 / 33
External Dimension	Net Weight		kg	17	17	17	17
	Shipping Weight		kg	20	20	20	20
	Net Dimensions (WxHxD)		mm	575 x 260 x 575	575 x 260 x 575	575 x 260 x 575	575 x 260 x 575
	Shipping Dimensions (WxHxD)		mm	660 x 310 x 635	660 x 310 x 635	660 x 310 x 635	660 x 310 x 635
Panel Size	Panel model			PMSMA	PMSMA	PMSMA	PMSMA
	Panel Net Weight		kg	3	3	3	3
	Shipping Weight		kg	5	5	5	5
	Net Dimensions (WxHxD)		mm	670 x 35 x 670	670 x 35 x 670	670 x 35 x 670	670 x 35 x 670
Additional Accessories	Shipping Dimensions (WxHxD)		mm	717 x 93 x 717	717 x 93 x 717	717 x 93 x 717	717 x 93 x 717
	Drain pump	Drain pump		Built-in	Built-in	Built-in	Built-in
		Max. lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	750 / 24	750 / 24
	Air Filter			Long life filter	Long life filter	Long life filter	Long life 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
Sound	Sound Pressure			47	47	49	52
External Dimension	Net Weight		kg	36	36	50	57
	Shipping Weight		kg	38	38	53	61
	Net Dimensions (WxHxD)		mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
	Shipping Dimensions (WxHxD)		mm	938 x 610 x 382	938 x 610 x 382	1023 x 704 x 413	1038 x 861 x 413
Operating Temp. Range	Cooling		°C	-10 ~ 43	-10 ~ 43	-15 ~ 43	-15 ~ 43
	Heating		°C	-15 ~ 24	-15 ~ 24	-20 ~ 24	-20 ~ 24

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00

Panel



PMSMA

CAC Specification



Slim 1Way Cassette

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



Model Name	Indoor Unit		SH026EAV1	SH035EAV1	
	Outdoor Unit		UH026EAV1	UH035EAV1	
Mode			Heat Pump		
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.0 / 2.6 / 3.5	1.0 / 3.5 / 4.1	
		Btu/h	3,300 / 8,900 / 11,900	3,300 / 11,900 / 14,000	
	Heating (Min. / Std. / Max.)	kW	1.0 / 3.3 / 4.6	1.0 / 4.0 / 4.8	
		Btu/h	3,200 / 11,300 / 15,700	3,200 / 13,600 / 16,200	
	Energy Grade (C) / Energy Grade (H)		A / A	B / B	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW		
		Heating (Min. / Std. / Max.)	0.21 / 0.91 / 1.3		
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A		
		Heating (Min. / Std. / Max.)	1.4 / 5.3 / 6.4		
	Circuit Breaker (MCCB+ELB / ELCB)	A	15	15	
COP	Nominal Cooling	-	3.74	3.07	
	Nominal Heating	-	3.63	3.45	
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 1	6.35 x 1	
	Gas Pipe	Φ, mm	9.52 x 1	9.52 x 1	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	20.0	20.0
		Max. Height (Between ID/OD)	m	15.0	15.0
Refrigerant	Type	-	R410A	R410A	
	Factory Charging	kg	1.0	1.0	
INDOOR UNIT					
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	
Fan	Air Flow Rate	CMM	8.0	8.5	
	External Static Pressure	Min. / Std. / Max. mmAq	-	-	
Drain	Drain Pipe	Φ, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	
Sound	Sound Pressure	High / Low dB(A)	30 / 25	32 / 27	
External Dimension	Net Weight	kg	10	10	
	Shipping Weight	kg	13	13	
	Net Dimensions (WxHxD)	mm	970 x 135 x 410	970 x 135 x 410	
	Shipping Dimensions (WxHxD)	mm	1164 x 212 x 478	1164 x 212 x 478	
Panel Size	Panel model	-	PSSMA	PSSMA	
	Panel Net Weight	kg	3.1	3.1	
	Shipping Weight	kg	4.5	4.5	
	Net Dimensions (WxHxD)	mm	1180 x 25 x 460	1180 x 25 x 460	
Additional Accessories	Drain pump	Drain pump	Built-in	Built-in	
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	750 / 24	
			Long life filter	Long life filter	
OUTDOOR UNIT					
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	
Sound	Sound Pressure	dB(A)	47	47	
External Dimension	Net Weight	kg	36	36	
	Shipping Weight	kg	38	38	
	Net Dimensions (WxHxD)	mm	790 x 548 x 285	790 x 548 x 285	
	Shipping Dimensions (WxHxD)	mm	938 x 610 x 382	938 x 610 x 382	
Operating Temp. Range	Cooling	℃	-10 ~ 43	-10 ~ 43	
	Heating	℃	-15 ~ 24	-15 ~ 24	

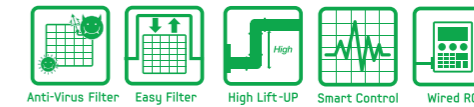
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Optional Accessories



Slim Duct

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



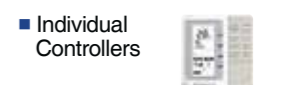
Model Name	Indoor Unit		NS035LHXEA	NS052LHXEA	NS071LDXEA	
	Outdoor Unit		UH035EAV1	UH052EAV1	RC071DHXEA	
Mode			Heat Pump			
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.98 / 3.50 / 4.20	1.70 / 5.00 / 6.00	2.20 / 7.10 / 8.00	
		Btu/h	3,300 / 11,900 / 14,300	5,800 / 17,100 / 20,500	7,500 / 24,200 / 27,300	
	Heating (Min. / Std. / Max.)	kW	0.98 / 4.00 / 5.20	1.50 / 6.00 / 8.00	1.90 / 8.00 / 11.00	
		Btu/h	3,300 / 13,600 / 17,700	5,100 / 20,500 / 27,300	6,500 / 27,300 / 37,500	
	Energy Grade (C) / Energy Grade (H)		B / A	A / A	A / A	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW			
		Heating (Min. / Std. / Max.)	0.21 / 1.11 / 1.7			
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A			
		Heating (Min. / Std. / Max.)	1.3 / 5.1 / 7.9			
	Circuit Breaker (MCCB+ELB / ELCB)	A	15	20	20	
COP	Nominal Cooling	-	3.04	3.23	3.21	
	Nominal Heating	-	3.62	3.64	3.72	
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 1	6.35 x 1	6.35 x 1	
	Gas Pipe	Φ, mm	9.52 x 1	12.7 x 1	15.88 x 1	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	20.0	50.0	50.0
		Max. Height (Between ID/OD)	m	15.0	30.0	30.0
Refrigerant	Type	-	R410A	R410A	R410A	
	Factory Charging	kg	1.0	1.5	1.3	
INDOOR UNIT						
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	
Fan	Air Flow Rate	CMM	8.5	16.5	19.6	
	External Static Pressure	Min. / Std. / Max. mmAq	0 / 2 / 4	0 / 2 / 4	0 / 2 / 4	
Drain	Drain Pipe	Φ, mm	VP20 (OD 26, ID 20)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Sound	Sound Pressure	High / Low dB(A)	32 / 27	33 / 30	36 / 32	
External Dimension	Net Weight	kg	26	31	34	
	Shipping Weight	kg	31	39	40	
	Net Dimensions (WxHxD)	mm	900 x 199 x 600	1100 x 199 x 600	1150 x 260 x 480	
	Shipping Dimensions (WxHxD)	mm	1133 x 333 x 722	1330 x 330 x 730	1390 x 345 x 575	
Panel Size	Panel model	-	-	-	-	
	Panel Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (WxHxD)	mm	-	-	-	
Additional Accessories	Drain pump	Drain pump	Optional / MDP-E075SEE3	Optional / MDP-E075SEE3	Optional / MDP-E075SEE3	
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	
			Long life filter	Long life filter	Long life filter	
OUTDOOR UNIT						
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	3, 4, 380-415, 50	
Sound	Sound Pressure	dB(A)	47	49	50	
External Dimension	Net Weight	kg	36	50	50	
	Shipping Weight	kg	38	53	55	
	Net Dimensions (WxHxD)	mm	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310	
	Shipping Dimensions (WxHxD)	mm	938 x 610 x 382	1023 x 704 x 413	1038 x 861 x 406	
Operating Temp. Range	Cooling	℃	-10 ~ 43	-15 ~ 43	-15 ~ 43	
	Heating	℃	-15 ~ 24	-20 ~ 24	-20 ~ 24	

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Optional Accessories



Standard Accessories

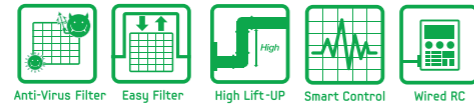


CAC Specification

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		DH052EAV1	NS071SDXEA	NS090SDXEA	NS100SDXEA	NS100SDXEA	
	Outdoor Unit		UH052EAV1	RC071DHXEA	RC090DHXEA	RC100DHXEA	RC100DHXGA	
Mode			Heat Pump		Heat Pump		Heat Pump	
	Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.7 / 5.0 / 6.0	2.2 / 7.1 / 8.0	2.9 / 9.0 / 10.0	3.4 / 10.5 / 12.0	3.4 / 10.5 / 12.0
		Heating (Min. / Std. / Max.)	kW	1.7 / 6.0 / 8.3	1.9 / 8.0 / 11.0	2.4 / 10 / 11.4	2.6 / 11.2 / 15.5	2.6 / 11.2 / 15.5
			Btu/h	5,800 / 17,100 / 20,500	7,500 / 24,200 / 27,300	9,900 / 30,700 / 34,100	11,400 / 35,800 / 40,900	11,400 / 35,800 / 40,900
Power			A / B		A / B		A / B	
	Energy Grade (C) / Energy Grade (H)			A / A	A / B	A / A	A / B	
		Power Input (Nominal)	kW	0.55 / 1.56 / 1.95	0.58 / 2.21 / 2.65	0.8 / 2.8 / 3.4	0.83 / 3.27 / 3.7	0.83 / 3.27 / 3.7
		Heating (Min. / Std. / Max.)	kW	0.48 / 1.76 / 2.75	0.55 / 2.15 / 3.6	0.7 / 2.78 / 5.5	0.74 / 3.1 / 5.5	0.74 / 3.1 / 5.5
COP			A		A / B		A / B	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	3.1 / 7.5 / 9.3	2.9 / 10 / 12	3.5 / 12.4 / 15.5	3.6 / 15 / 16	1.4 / 5 / 6.1
		Heating (Min. / Std. / Max.)	A	2.6 / 8.4 / 13.1	2.8 / 10 / 16.5	3.1 / 12.3 / 24.5	3.2 / 13.5 / 23.8	1.3 / 5 / 8.5
	Circuit Breaker (MCCB+ELB / ELCB)	A	20	20	30	30	30	
Piping Connections	Nominal Cooling	-	3.21	3.21	3.21	3.21	3.21	
	Nominal Heating	-	3.41	3.72	3.61	3.61	3.61	
	Liquid Pipe	Φ, mm	6.35 x 1	6.35 x 1	9.52 x 1	9.52 x 1	9.52 x 1	
	Gas Pipe	Φ, mm	12.7 x 1	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1	
Refrigerant	Installation Limitation	Max. Length (Outdoor to indoor)	m	50.0	50.0	75.0	75.0	
	Type		R410A	R410A	R410A	R410A	R410A	
	Max. Height (Between ID/OD)	m	30.0	30.0	30.0	30.0	30.0	
	Factory Charging	kg	1.5	1.3	3.0	3.0	3.2	
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	
Fan	Air Flow Rate	CMM	16.5	19.6	24.0	28.1	28.1	
	External Static Pressure	Min. / Std. / Max.	mmAq	0 / 4 / 8	0 / 4 / 10	0 / 8 / 12	0 / 8 / 14	0 / 8 / 14
Drain		Pa	0 / 39.2 / 78.5	0 / 39.2 / 98.1	0 / 78.5 / 117.7	0 / 78.5 / 137.3	0 / 78.5 / 137.3	
	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	Sound Pressure	High / Low	dB(A)	37 / 33	39 / 35	39 / 35	39 / 35	
	Net Weight		kg	30	34	34	39	
External Dimension	Shipping Weight		kg	35	40	46	46	
	Net Dimensions (WxHxD)		mm	900 x 260 x 480	1150 x 260 x 480	1150 x 320 x 480	1200 x 360 x 650	
	Shipping Dimensions (WxHxD)		mm	1146 x 363 x 584	1390 x 345 x 575	1396 x 424 x 524	1396 x 424 x 524	
	Panel Size							
Additional Accessories	Panel model		-	-	-	-	-	
	Panel Net Weight		kg	-	-	-	-	
	Shipping Weight		kg	-	-	-	-	
	Net Dimensions (WxHxD)		mm	-	-	-	-	
Drain pump	Drain pump		Optional / MDP-M075SGU3	Optional / MDP-M075SGU1	Optional / MDP-M075SGU1	Optional / MDP-M075SGU1	Optional / MDP-M075SGU1	
	Max. lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	750 / 24	750 / 24	750 / 24	
Air Filter			Long life filter	Long life filter	Long life filter	Long life filter	Long life 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	3, 4, 380-415, 50	
Sound	Sound Pressure		dB(A)	49	49	51	52	
	Net Weight		kg	50	50	72	81	
External Dimension	Shipping Weight		kg	53	55	77	86	
	Net Dimensions (WxHxD)		mm	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	
	Shipping Dimensions (WxHxD)		mm	1023 x 704 x 413	1038 x 861 x 406	995 x 1096 x 426	995 x 1096 x 426	
	Operating Temp. Range		°C	-15 ~ 43	-15 ~ 43	-15 ~ 50	-15 ~ 50	
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24		

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Optional Accessories

Individual Controllers



Drain Pump



Standard Accessories

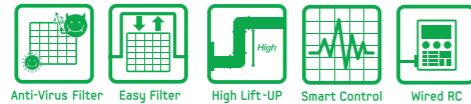


CAC Specification

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		NS125SDXEA	NS125SDXEA	NS140SDXEA	NS140SDXEA
	Outdoor Unit		RC125DHXEB	RC125DHXGA	RC140DHXEB	RC140DHXGA
Mode			Heat Pump	Heat Pump	Heat Pump	Heat Pump
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	-	-	3.5 / 14.0 / 15.4	3.5 / 14.0 / 15.4
		Btu/h	-	-	11,800 / 47,800 / 52,500	11,800 / 47,800 / 52,500
	Heating (Min. / Std. / Max.)	kW	-	-	3.8 / 16.0 / 19.5	3.8 / 16.0 / 19.5
		Btu/h	-	-	12,800 / 54,600 / 66,500	12,800 / 54,600 / 66,500
	Energy Grade (C) / Energy Grade (H)		-	-	B / A	B / A
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	3.89	3.89	1.11 / 4.65 / 5.3	1.11 / 4.65 / 5.3
		Heating (Min. / Std. / Max.)	3.61	3.61	1.02 / 4.43 / 5.8	1.02 / 4.43 / 5.8
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	0.00	0.00	4.8 / 20 / 23.4	1.8 / 7.4 / 8.8
		Heating (Min. / Std. / Max.)	0.00	0.00	4.4 / 19.2 / 25.2	1.7 / 7 / 9.5
	Circuit Breaker (MCCB+ELB / ELCB)	A	30	20	30	30
COP	Nominal Cooling	-	3.21	3.21	3.01	3.01
	Nominal Heating	-	3.61	3.61	3.61	3.61
Piping Connections	Liquid Pipe	Φ, mm	9.52 x 1	9.52 x 1	9.52 x 1	9.52 x 1
	Gas Pipe	Φ, mm	15.88 x 1	15.88 x 1	19.05 x 1	19.05 x 1
	Installation Limitation	Max. Length (Outdoor to indoor)	m	75.0	75.0	75.0
		Max. Height (Between ID/OD)	m	30.0	30.0	30.0
Refrigerant	Type	-	R410A	R410A	R410A	R410A
	Factory Charging	kg	2.9	2.9	3.4	3.4
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
Fan	Air Flow Rate	CMM	30.0	30.0	36.8	35.6/36.8
	External Static Pressure	Min. / Std. / Max.	0 / 8 / 14	0 / 8 / 14	0 / 8 / 14	0 / 8 / 14
		Pa	0 / 78.5 / 137.3	0 / 78.5 / 137.3	0 / 78.5 / 137.3	0 / 78.5 / 137.3
Drain	Drain Pipe	Φ, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Sound	Sound Pressure	High / Low	43 / 38	43 / 38	43 / 38	43 / 38
External Dimension	Net Weight	kg	55	55	55	55
	Shipping Weight	kg	60	60	60	60
	Net Dimensions (WxHxD)	mm	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650
	Shipping Dimensions (WxHxD)	mm	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769
Panel Size	Panel model	-	-	-	-	-
	Panel Net Weight	kg	-	-	-	-
	Shipping Weight	kg	-	-	-	-
	Net Dimensions (WxHxD)	mm	-	-	-	-
	Shipping Dimensions (WxHxD)	mm	-	-	-	-
Additional Accessories	Drain pump	Drain pump	Optional / MDP-M075SGU2	Optional / MDP-M075SGU2	Optional / MDP-M075SGU2	Optional / MDP-M075SGU2
		Max. lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	750 / 24
	Air Filter	-	Long life filter	Long life filter	Long life filter	Long life filter
OUTDOOR UNIT						
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50	3, 4, 380-415, 50	1, 2, 220-240, 50	1, 2, 220-240, 50
Sound	Sound Pressure	dB(A)	51	51	52	52
External Dimension	Net Weight	kg	88	91	88	91
	Shipping Weight	kg	98	101	98	101
	Net Dimensions (WxHxD)	mm	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330
	Shipping Dimensions (WxHxD)	mm	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

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Optional Accessories

■ Individual Controllers

■ Drain Pump

Standard Accessories

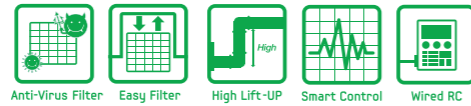


CAC Specification

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		DH052EAS	DH070EAS	DH090EAS	NS100SSXEA
	Outdoor Unit		UH052EAS	UH070EAS	UH090EAS	RC100SHXEA
Mode			Heat Pump		Heat Pump	
	Capacity (Nominal)	Cooling (Min. / Std. / Max.)	1.6 / 5.0 / 6.0		2.2 / 7.1 / 8.0	
		Heating (Min. / Std. / Max.)	5,500 / 17,100 / 20,500		7,500 / 24,200 / 27,300	
		Energy Grade (C) / Energy Grade (H)	A / B		C / C	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.54 / 1.55 / 1.95		0.7 / 2.72 / 3.07	
		Heating (Min. / Std. / Max.)	0.5 / 1.75 / 3		0.62 / 2.49 / 3.67	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	2.7 / 7.1 / 8.7		3.1 / 12.4 / 13.7	
		Heating (Min. / Std. / Max.)	2.5 / 8 / 13.5		2.71 / 11.4 / 16.3	
	Circuit Breaker (MCCB+ELB / ELCB)	A	20		20	
COP	Nominal Cooling	-	3.23		2.61	
	Nominal Heating	-	3.43		3.21	
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 1		6.35 x 1	
	Gas Pipe	Φ, mm	12.7 x 1		15.88 x 1	
	Installation Limitation	Max. Length (Outdoor to indoor)	30.0		30.0	
		Max. Height (Between ID/OD)	20.0		20.0	
Refrigerant	Type	-	R410A		R410A	
	Factory Charging	kg	1.5		1.9	
INDOOR UNIT						
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50		1, 2, 220-240, 50	
Fan	Air Flow Rate	CMM	16.5		21.0	
	External Static Pressure	Min. / Std. / Max.	0 / 4 / 8		0 / 4 / 8	
		Pa	0 / 39.2 / 78.5		0 / 39.2 / 78.5	
Drain	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	
Sound	Sound Pressure	High / Low	37 / 33		38 / 34	
External Dimension	Net Weight	kg	30		30	
	Shipping Weight	kg	35		35	
	Net Dimensions (WxHxD)	mm	900 x 260 x 480		900 x 260 x 480	
	Shipping Dimensions (WxHxD)	mm	1146 x 363 x 584		1146 x 363 x 584	
Panel Size	Panel model	-	-		-	
	Panel Net Weight	kg	-		-	
	Shipping Weight	kg	-		-	
	Net Dimensions (WxHxD)	mm	-		-	
	Shipping Dimensions (WxHxD)	mm	-		-	
Additional Accessories	Drain pump	Drain pump	Optional / MDP-M075SGU3		Optional / MDP-M075SGU3	
		Max. lifting Height / Displacement	750 / 24		750 / 24	
	Air Filter	-	Long life filter		Long life filter	
OUTDOOR UNIT						
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50		1, 2, 220-240, 50	
Sound	Sound Pressure		49		52	
External Dimension	Net Weight	kg	50		50	
	Shipping Weight	kg	53		53	
	Net Dimensions (WxHxD)	mm	880 x 638 x 310		880 x 638 x 310	
	Shipping Dimensions (WxHxD)	mm	1023 x 704 x 413		1023 x 704 x 413	
Operating Temp. Range	Cooling	°C	-15 ~ 43		-15 ~ 43	
	Heating	°C	-20 ~ 24		-20 ~ 24	

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Optional Accessories

Individual Controllers



Drain Pump



Standard Accessories



CAC Specification

Neo Forte



- Deodorizing Filter
- Catechin Filter
- Smart Inverter



Model Name	Indoor Unit		NS026NHXEA	NS035NHXEA	NS052NHXEA	NS071NDXEA	
	Outdoor Unit		UH026EAV1	UH035EAV1	UH052EAV1	RC071DHXEA	
Mode			Heat Pump	Heat Pump	Heat Pump	Heat Pump	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.0 / 2.6 / 3.5	1.0 / 3.5 / 4.2	1.7 / 5.0 / 6.0	2.2 / 7.1 / 8.0	
		Btu/h	3,400 / 8,900 / 11,900	3,300 / 11,900 / 14,300	5,800 / 17,100 / 20,500	7,500 / 24,200 / 27,300	
	Heating (Min. / Std. / Max.)	kW	1.0 / 3.3 / 4.6	1.0 / 4.0 / 5.2	1.5 / 6.0 / 8.0	1.9 / 8.0 / 11.0	
		Btu/h	3,300 / 11,300 / 15,700	3,300 / 13,600 / 17,700	5,100 / 20,500 / 27,300	6,500 / 27,300 / 37,500	
	Energy Grade (C) / Energy Grade (H)		A / A	A / A	A / B	B / D	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.26 / 0.73 / 1.1	0.26 / 1.15 / 1.4	0.42 / 1.55 / 1.95	0.58 / 2.21 / 2.65	
		Heating (Min. / Std. / Max.)	0.24 / 0.9 / 1.4	0.21 / 1.11 / 1.7	0.36 / 1.65 / 2.7	0.55 / 2.15 / 3.6	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	1.6 / 3.4 / 5.1	1.7 / 5.3 / 6.4	2.5 / 7 / 8.5	2.9 / 10 / 12	
		Heating (Min. / Std. / Max.)	1.5 / 4.3 / 6.6	1.3 / 5.1 / 7.9	2.1 / 7.5 / 12	2.8 / 10 / 16.5	
	Circuit Breaker (MCCB+ELB / ELCB)		15	15	20	20	
COP	Nominal Cooling		3.56	3.04	3.23	3.21	
	Nominal Heating		3.67	3.62	3.64	3.72	
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 1	6.35 x 1	6.35 x 1	6.35 x 1	
	Gas Pipe	Φ, mm	9.52 x 1	9.52 x 1	12.7 x 1	15.88 x 1	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	20.0	20.0	50.0	50.0
		Max. Height (Between ID/OD)	m	15.0	15.0	30.0	30.0
Refrigerant	Type		R410A	R410A	R410A	R410A	
	Factory Charging	kg	1.0	1.0	1.5	1.3	
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	
Fan	Air Flow Rate	CMM	7.0	8.0	13.0	15.0	
	External Static Pressure	Min. / Std. / Max. 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)	
Sound	Sound Pressure	High / Low dB(A)	32 / 23	36 / 23	40 / 30	41 / 30	
External Dimension	Net Weight	kg	9	9	13	13	
	Shipping Weight	kg	11	11	16	16	
	Net Dimensions (WxHxD)	mm	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218	
	Shipping Dimensions (WxHxD)	mm	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 (WxHxD)	mm	-	-	-	-	
	Shipping Dimensions (WxHxD)	mm	-	-	-	-	
Additional Accessories	Drain pump	Drain pump	-	-	-	-	
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	
	Air Filter		Long life filter	Long life filter	Long life filter	Long life 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	
Sound	Sound Pressure	dB(A)	47	47	49	50	
External Dimension	Net Weight	kg	36	36	50	50	
	Shipping Weight	kg	38	38	53	55	
	Net Dimensions (WxHxD)	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310	
	Shipping Dimensions (WxHxD)	mm	938 x 610 x 382	938 x 610 x 382	1023 x 704 x 413	1038 x 861 x 406	
Operating Temp. Range	Cooling	°C	-10 ~ 43	-10 ~ 43	-15 ~ 43	-15 ~ 43	
	Heating	°C	-15 ~ 24	-15 ~ 24	-20 ~ 24	-20 ~ 24	

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Optional Accessories

- Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00

Standard Accessories

- Wireless Remote Controller

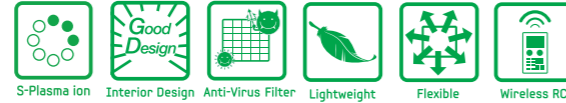


CAC Specification



Console

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



Model Name	Indoor Unit		JH026EAV1	JH035EAV1	JH052EAV1	
	Outdoor Unit		UH026EAV1	UH035EAV1	UH052EAV1	
Mode			Heat Pump			
	Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.0 / 2.6 / 3.5	1.0 / 3.5 / 4.2	1.2 / 5.0 / 6.0
		Btu/h	3,300 / 8,900 / 11,900	3,400 / 11,900 / 14,300	4,100 / 17,100 / 20,500	
	Heating (Min. / Std. / Max.)	kW	1.0 / 3.5 / 4.7	1.0 / 4.0 / 5.0	1.4 / 5.6 / 8.2	
Btu/h		3,200 / 11,900 / 16,000	3,400 / 13,600 / 17,100	4,800 / 19,100 / 28,000		
Energy Grade (C) / Energy Grade (H)			A / A			
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.24 / 0.67 / 1.05	0.27 / 1.09 / 1.35	0.39 / 1.56 / 2.03
		Heating (Min. / Std. / Max.)	kW	0.22 / 0.97 / 1.3	0.24 / 1.11 / 1.35	0.33 / 1.55 / 2.9
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	1.6 / 3.3 / 5	2 / 5.2 / 6.2	2 / 7.8 / 9.2
		Heating (Min. / Std. / Max.)	A	1.4 / 4.7 / 6.3	1.6 / 5.3 / 6.6	1.7 / 7.8 / 13
Circuit Breaker (MCCB+ELB / ELCB)			A			
COP	Nominal Cooling		-			
	Nominal Heating		-			
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 1			
	Gas Pipe	Φ, mm	9.52 x 1			
	Installation Limitation	Max. Length (Outdoor to indoor)	m	20.0		
		Max. Height (Between ID/OD)	m	15.0		
Refrigerant	Type		R410A			
	Factory Charging	kg	1.0			
INDOOR UNIT						
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50			
Fan	Air Flow Rate	CMM	8.1			
	External Static Pressure	mmAq	-			
Drain	Drain Pipe	Φ, mm	VP18 (OD 19, ID 16)			
	Sound Pressure	High / Low	dB(A)			
External Dimension	Net Weight	kg	15			
	Shipping Weight	kg	19			
	Net Dimensions (WxHxD)	mm	720 x 620 x 199			
	Shipping Dimensions (WxHxD)	mm	810 x 710 x 295			
Panel Size	Panel model		-			
	Panel Net Weight	kg	-			
	Shipping Weight	kg	-			
	Net Dimensions (WxHxD)	mm	-			
Additional Accessories	Drain pump	Drain pump	-			
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-		
OUTDOOR UNIT						
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50			
Sound	Sound Pressure	dB(A)	47			
External Dimension	Net Weight	kg	36			
	Shipping Weight	kg	38			
	Net Dimensions (WxHxD)	mm	790 x 548 x 285			
	Shipping Dimensions (WxHxD)	mm	938 x 610 x 382			
Operating Temp. Range	Cooling	°C	-10 ~ 43			
	Heating	°C	-15 ~ 24			

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Optional Accessories

- Individual Controllers



Standard Accessories

- Wireless Remote Controller



Ceiling

- 2Way Installation
- Compact but Powerful

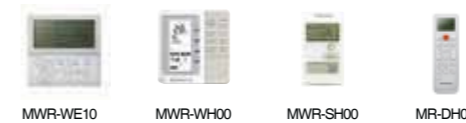


Model Name	Indoor Unit		FH052EAV1	NS071CDXEA	
	Outdoor Unit		UH052EAV1	RC071DHXEA	
Mode			Heat Pump		
	Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.7 / 5.0 / 5.6	2.0 / 7.1 / 8.0
		Btu/h	5,800 / 17,100 / 19,100	6,800 / 24,200 / 27,300	
	Heating (Min. / Std. / Max.)	kW	1.7 / 6.0 / 8.0	2.0 / 8.0 / 10.5	
Btu/h		5,800 / 20,500 / 27,300	6,800 / 27,300 / 35,800		
Energy Grade (C) / Energy Grade (H)			B / C		
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.48 / 1.66 / 1.9	0.61 / 2.52 / 2.9
		Heating (Min. / Std. / Max.)	kW	0.43 / 1.87 / 3.05	0.58 / 2.75 / 3.7
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	2.8 / 7.8 / 9	3 / 11.5 / 13
		Heating (Min. / Std. / Max.)	A	2.4 / 8.8 / 14.5	2.9 / 12.5 / 17
Circuit Breaker (MCCB+ELB / ELCB)			A		
COP	Nominal Cooling		-		
	Nominal Heating		-		
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 1		
	Gas Pipe	Φ, mm	12.7 x 1		
	Installation Limitation	Max. Length (Outdoor to indoor)	m	50.0	
		Max. Height (Between ID/OD)	m	30.0	
Refrigerant	Type		R410A		
	Factory Charging	kg	1.5		
INDOOR UNIT					
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50		
Fan	Air Flow Rate	CMM	14.5		
	External Static Pressure	mmAq	-		
Drain	Drain Pipe	Φ, mm	VP18 (OD 19, ID 16)		
	Sound Pressure	High / Low	dB(A)		
External Dimension	Net Weight	kg	22		
	Shipping Weight	kg	26		
	Net Dimensions (WxHxD)	mm	1000 x 200 x 650		
	Shipping Dimensions (WxHxD)	mm	1074 x 294 x 726		
Panel Size	Panel model		-		
	Panel Net Weight	kg	-		
	Shipping Weight	kg	-		
	Net Dimensions (WxHxD)	mm	-		
Additional Accessories	Drain pump	Drain pump	-		
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	
OUTDOOR UNIT					
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50		
Sound	Sound Pressure	dB(A)	49		
External Dimension	Net Weight	kg	50		
	Shipping Weight	kg	54		
	Net Dimensions (WxHxD)	mm	880 x 638 x 310		
	Shipping Dimensions (WxHxD)	mm	1023 x 704 x 413		
Operating Temp. Range	Cooling	°C	-15 ~ 43		
	Heating	°C	-20 ~ 24		

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Optional Accessories

- Individual Controllers



Standard Accessories

- Wireless Remote Controller



DVM Lineup & Feature - Outdoor Units

DVM PLUS V HP / HR	IMAGE	MODEL	CAPACITY	SINGLE										MODULE																				
				8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60				
COMPACT MODULE		RD080HHXGA (RD080HRXGA)	8 HP	1																														
		RD100HHXGA (RD100HRXGA)	10 HP		1									1																				
		RD120HHXGA (RD120HRXGA)	12 HP			1								1	2	1	1	1	1															
		RD140HHXGA (RD140HRXGA)	14 HP				1											1																
		RD160HHXGA (RD160HRXGA)	16 HP					1										1																
		RD180HHXGA (RD180HRXGA)	18 HP						1									1																
		RD200HHXGA (RD200HRXGA)	20 HP							1									1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	3
DVM PLUS IV HP / HR	HIGH EFFICIENCY MODULE		RD080HHXGA (RD080HRXGA)	8 HP	1																													
			RD100HHXGA (RD100HRXGA)	10 HP		1																												
			RD120HHXGA (RD120HRXGA)	12 HP			1																											
			RD140HHXGA (RD140HRXGA)	14 HP				1																										
			RD160HHXGA (RD160HRXGA)	16 HP					1																									

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

DVM PLUS IV Features

High Efficiency

- DVI (Digital Vapor Injection) Compressor
- Vapor Injection
- PHE (Plate Heat Exchanger)
- Bigger and Better Heat Exchanger
- World Class Energy Efficiency in Heating and Cooling

Large Capacity

- 20HP Single Outdoor Unit
- 80HP Outdoor Unit Module
- Smallest Footprint Area and Lighter Weight
- Economical Installation Cost

Advanced and Reliable Protection

- Sequential Operation of Compressor
- Oil Balancing Control
- Self-diagnose Mode
- Corrosion & Frost Resistant
- Pre-Protection System

Easy Installation & Maintenance

- Longest Piping Length and Highest Elevation
- Optimized Refrigerant Distribution Control
- Automatic Data Backup
- Easier Access for Status Check and Option Settings

Eco-friendly





- Decreased CO₂ Emission
- R410A Refrigerant
- Europe Eco-friendly RoHS Technology Certification
- WEEE

Pleasant Operation

- Silent Operation at Nighttime
- Top Heating Performance at Low Ambient Temperature
- Stable Heating Operation



DVM Lineup & Feature - Outdoor Units

	IMAGE	MODEL	CAPACITY	SINGLE												MODULE																	
				8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	
DVM PLUS III HP / HR COMPACT MODULE		RD080HHXGA (RD080HRXGA)	8 HP	1											1																		
		RD100HHXGA (RD100HRXGA)	10 HP		1												1										1	1	1				
		RD120HHXGA (RD120HRXGA)	12 HP			1												1															
		RD140HHXGA (RD140HRXGA)	14 HP				1													1													
		RD160HHXGA (RD160HRXGA)	16 HP						1																								
DVM PLUS III HP / HR HIGH EFFICIENCY MODULE		RD080HHXGA (RD080HRXGA)	8 HP	1													2	1															
		RD100HHXGA (RD100HRXGA)	10 HP		1															1	2	1											
		RD120HHXGA (RD120HRXGA)	12 HP			1																											
		RD140HHXGA (RD140HRXGA)	14 HP				1																										

DVM PLUS III Features

High Efficiency

- Digital Hybrid System
- High Efficient Ø8 Heat Exchanger
- New G-fin
- High COP

Easy Installation & Maintenance


- Large Capacity
- Small Footprint Area
- Digital Unit Module
- Automatic Data Backup

Eco-friendly

- Decreased CO₂ Emission
- R410a Refrigerant
- Europe Eco-friendly RoHS Technology Certification
- WEEE



Mini DVM Lineup

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



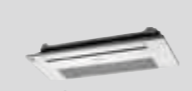
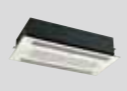






Mini DVM Features

- High Energy Efficiency
- Compact Design
- Easy Maintenance
- High Reliability
- Various Indoor Units
- Wide Compatibility










DVM Lineup & Feature - Indoor Units







Cassette

MODEL		 4WAY CASSETTE S	 MINI 4WAY	 SLIM 1WAY	 2WAY
CAPACITY	2.2			●	
	2.8		●	●	
	3.6		●	●	
	4.5	●			
	5.6	●	●		●
	6.0		●		
	7.1	●			●
	9.0	●			
	11.2	●			
	12.8	●			
14.0	●				
FEATURES	 Wide Blade	●		●	
	 Ceiling Soiling Prevention	●		●	
	 Fresh Air Intake	●			
	 High Lift-Up Drain Pump	●	●	●	●
	 Quick Connection of Drain Pipe		●	●	●
	 Sub Duct	●			








Duct

MODEL		 SLIM	 MSP	 HSP
CAPACITY	2.2	●		
	2.8	●		
	3.6	●		
	4.5	●		
	5.6	●	●	
	7.1	●	●	
	9.0	●	●	
	11.2	●	●	●
	12.8	●	●	●
	14.0	●	●	●
FEATURES	 Anti-Bacteria Filter	●	●	●
	 Easy Filter Cleaning	●	●	●
	 High Lift-Up Drain Pump	●	●	●
	 Smart Pressure Control	●	●	●

Wall-mounted

MODEL		 NEO FORTE	 NEO FORTE-E	 VIVACE
CAPACITY	2.2	●	●	●
	2.8	●	●	●
	3.6	●	●	●
	4.5		●	
	5.6	●	●	●
	6.0			
	7.1	●	●	●
FEATURES	 S-Plasma ion			●
	 Deodorizing Filter	●	●	●
	 Catechin Filter	●	●	●

Console & Ceiling

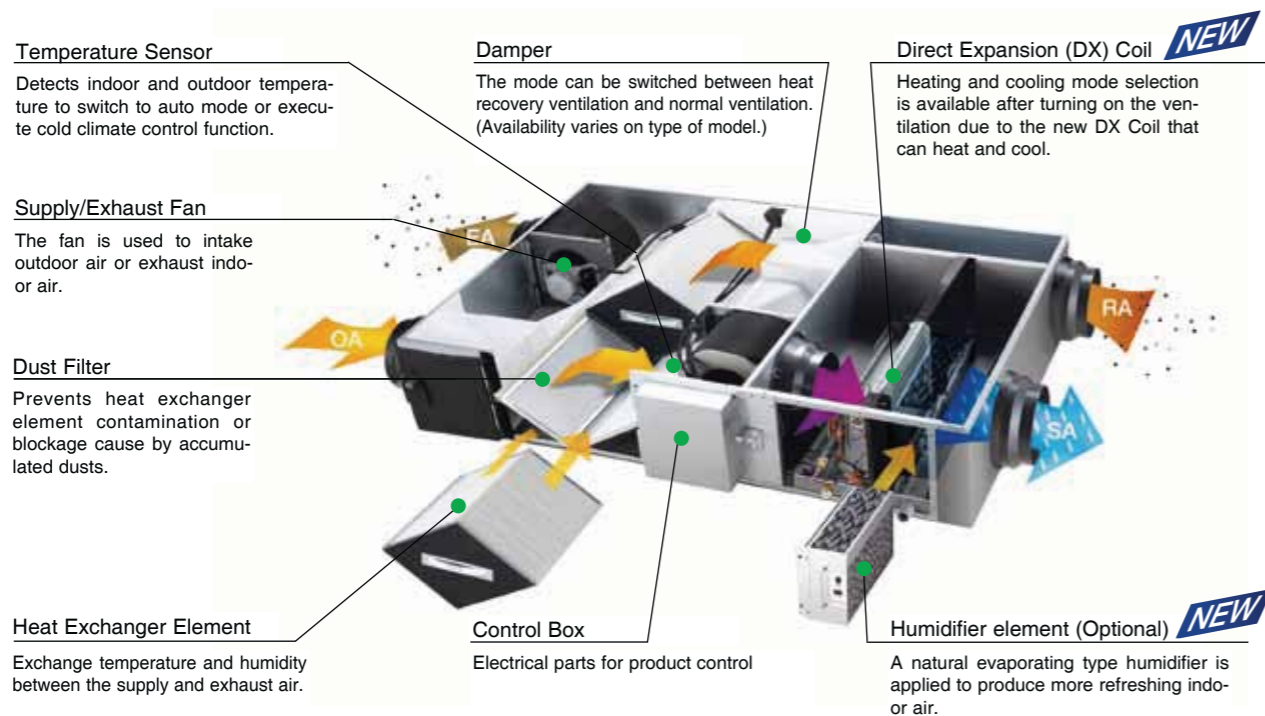
MODEL		 CONSOLE	 CEILING
CAPACITY	2.8	●	
	3.6	●	
	5.6	●	●
	7.1		●
FEATURES	 S-Plasma ion	●	
	 Interior Design	●	●
	 Anti-Bacteria Filter	●	●
	 Light Weight	●	●
	 Flexible Pipe Installation	●	●

DVM Lineup & Feature - ERV

Model	Air Volume	250	350	500	800	1000
ERV PLUS				 NEW		 NEW
				RHF050KHEA		RHF100KHEA
ERV						
		RHF025EE	RHF035EE	RHF050EE	RHF080EE	RHF100EE

Structure of ERV PLUS System

Features of ERV / ERV PLUS



	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	•	•

DVM Specification - Outdoor Units



DVM PLUS IV DIGITAL VARIABLE MULTI

- High Efficiency
- Large Capacity
- Advanced and Reliable Protection
- Easy Installation & Maintenance
- Pleasant Operation
- Eco-friendly

Model Name	DVM PLUS IV HP		RD080HHXGA	RD100HHXGA		
	DVM PLUS IV HR		RD080HRXGA	RD100HRXGA		
Power Supply	Φ, #, V, Hz		3, 4, 380-415, 50	3, 4, 380-415, 50		
Mode	-		HP / HR	HP / HR		
Performance	HP	HP	8	10		
		kW	22.4	28.0		
	Capacity (Nominal)	Cooling	Btu/h	76,400	95,500	
		Heating	kW	25.2	31.5	
Power	Power Input (Nominal)	Cooling	kW	5.20	7.04	
		Heating	kW	5.46	6.89	
	Current Input (Nominal)	Cooling	A	8.80	13.00	
		Heating	A	11.40	12.70	
COP	Circuit Breaker (MCCB+ELB / ELCB)		A	30	30	
	Nominal Cooling	-	4.31	3.98		
Fan	Nominal Heating		-	4.62	4.57	
	Air Flow Rate	CMM	173	173		
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52		
	Gas Pipe	Φ, mm	19.05	22.23		
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	15.88	19.05		
	Oil Equalizing Pipe	Φ, mm	-	-		
Refrigerant	Installation Limitation		Max. Length	m	200	200
	Max. Height		m	50 (40)	50 (40)	50 (40)
Sound	Type		-	R410a	R410a	
	Factory Charging		kg	5.0	5.0	
External Dimension	Sound Pressure		dB(A)	57	58	
	Net Weight	DVM PLUS IV HP	kg	237	237	
		DVM PLUS IV HR	kg	243	243	
	Shipping Weight	DVM PLUS IV HP	kg	253	253	
DVM PLUS IV HR		kg	259	259		
Operating Temp. Range	Net Dimensions (WxHxD)		mm	880 x 1695 x 765	880 x 1695 x 765	
	Shipping Dimensions (WxHxD)		mm	948 x 1912 x 832	948 x 1912 x 832	
Operating Temp. Range	Cooling		℃	-5 ~ 48	-5 ~ 48	
	Heating		℃	-20 ~ 24	-20 ~ 24	

Model Name	DVM PLUS IV HP		RD120HHXGA	RD140HHXGA	RD160HHXGA	RD180HHXGA	RD200HHXGA	
	DVM PLUS IV HR		RD120HRXGA	RD140HRXGA	RD160HRXGA	RD180HRXGA	RD200HRXGA	
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	-		HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	HP	HP	12	14	16	18	20	
		kW	33.6	39.2	44.8	50.4	56.0	
	Capacity (Nominal)	Cooling	Btu/h	114,600	133,800	152,900	172,000	191,100
		Heating	kW	37.8	44.1	50.4	56.7	63.0
Power	Power Input (Nominal)	Cooling	kW	9.20	10.10	12.00	15.70	17.00
		Heating	kW	8.50	9.65	11.30	12.90	14.50
	Current Input (Nominal)	Cooling	A	20.00	20.90	22.00	21.30	32.80
		Heating	A	18.40	19.40	27.20	26.70	29.10
COP	Circuit Breaker (MCCB+ELB / ELCB)		A	40	40	50	60	60
	Nominal Cooling	-	3.65	3.88	3.73	3.21	3.29	
Fan	Nominal Heating		-	4.45	4.57	4.46	4.40	4.34
	Air Flow Rate	CMM	210	226	250	270	275	
Piping Connections	Liquid Pipe	Φ, mm	12.70	12.70	12.70	15.88	15.88	
	Gas Pipe	Φ, mm	25.40	25.40	28.58	28.58	28.58	
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	22.23	22.23	25.40	25.40	25.40	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	
Refrigerant	Installation Limitation		Max. Length	m	200	200	200	200
	Max. Height		m	50 (40)	50 (40)	50 (40)	50 (40)	
Sound	Type		-	R410a	R410a	R410a	R410a	
	Factory Charging		kg	5.0	7.0	7.0	8.5	
External Dimension	Sound Pressure		dB(A)	60	60	60	61	
	Net Weight	DVM PLUS IV HP	kg	240	280	329	340	349
		DVM PLUS IV HR	kg	243	293	338	349	355
	Shipping Weight	DVM PLUS IV HP	kg	256	301	350	361	370
DVM PLUS IV HR		kg	259	314	359	369	376	
Operating Temp. Range	Net Dimensions (WxHxD)		mm	880 x 1695 x 765	1295 x 1695 x 765	1295 x 1695 x 765	1295 x 1695 x 765	1295 x 1695 x 765
	Shipping Dimensions (WxHxD)		mm	948 x 1912 x 832	1363 x 1912 x 832	1363 x 1912 x 832	1363 x 1912 x 832	1363 x 1912 x 832
Operating Temp. Range	Cooling		℃	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48
	Heating		℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

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DVM Specification - Outdoor Units

DVM PLUS IV HP / HR COMPACT MODULE	Model Name		DVM PLUS IV HP	RD220HHXGA	RD240HHXGA	RD260HHXGA	RD280HHXGA	RD300HHXGA	
			DVM PLUS IV HR	RD220HRXGA	RD240HRXGA	RD260HRXGA	RD280HRXGA	RD300HRXGA	
	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	HP	HP		22	24	26	28	30	
		kW		61.6	67.2	72.8	78.4	84	
	Capacity (Nominal)	Cooling	Btu/h	210,200	229,300	248,400	267,500	286,600	
		Heating	kW	69.3	75.6	81.9	88.2	94.5	
		Btu/h	236,500	258,000	279,500	301,000	322,400		
Power	Power Input (Nominal)	Cooling	kW	16.24	18.4	19.3	21.2	24.9	
		Heating	kW	15.39	17	18.15	19.8	21.4	
	Current Input (Nominal)	Cooling	A	33	40	40.9	42	51.3	
		Heating	A	31.1	36.8	37.8	45.6	45.1	
	Circuit Breaker (MCCB+ELB / ELCB)		A	75	75	75	75	100	
	Nominal Cooling		-	3.79	3.65	3.77	3.7	3.37	
Nominal Heating		-	4.5	4.45	4.51	4.45	4.42		
Fan	Air Flow Rate	CMM	(173) x 1 + (210) x 1	(210) x 2	(210) x 1 + (226) x 1	(210) x 1 + (250) x 1	(210) x 1 + (270) x 1		
Piping Connections	Liquid Pipe	Φ, mm	15.88	15.88	19.05	19.05	19.05		
	Gas Pipe	Φ, mm	28.58	28.58	31.75	31.75	31.75		
	Discharge Gas Pipe	(DVM PLUS IV HR) Φ, mm	25.40	25.40	28.58	28.58	28.58		
	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35		
	Installation	Max. Length	m	200	200	200	200		
	Limitation	Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)		
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a		
	Factory Charging	kg	10	10	12	12	13.5		
Sound	Sound Pressure	dB(A)	62	63	63	63	63		
External Dimension	Net Weight	DVM PLUS IV HP	kg	(237) x 1 + (240) x 1	(240) x 2	(240) x 1 + (280) x 1	(240) x 1 + (329) x 1	(240) x 1 + (340) x 1	
		DVM PLUS IV HR	kg	(243) x 2	(243) x 2	(243) x 1 + (293) x 1	(243) x 1 + (338) x 1	(243) x 1 + (349) x 1	
	Shipping Weight	DVM PLUS IV HP	kg	(253) x 1 + (256) x 1	(256) x 2	(256) x 1 + (301) x 1	(256) x 1 + (350) x 1	(256) x 1 + (361) x 1	
		DVM PLUS IV HR	kg	(259) x 2	(259) x 2	(259) x 1 + (314) x 1	(259) x 1 + (359) x 1	(259) x 1 + (369) x 1	
	Net Dimensions (WxHxD)		mm	(880 x 1695 x 765) x 2	(880 x 1695 x 765) x 2	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 1	
	Shipping Dimensions (WxHxD)		mm	(948 x 1912 x 832) x 2	(948 x 1912 x 832) x 2	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 1	
Operating Temp. Range	Cooling	℃	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48		
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24		

DVM PLUS IV HP / HR COMPACT MODULE	Model Name		DVM PLUS IV HP	RD320HHXGA	RD340HHXGA	RD360HHXGA	RD380HHXGA	RD400HHXGA	
			DVM PLUS IV HR	RD320HRXGA	RD340HRXGA	RD360HRXGA	RD380HRXGA	RD400HRXGA	
	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	HP	HP		32	34	36	38	40	
		kW		89.6	95.2	100.8	106.4	112	
	Capacity (Nominal)	Cooling	Btu/h	305,700	324,800	343,900	363,100	382,200	
		Heating	kW	100.8	107.1	113.4	119.7	126	
		Btu/h	343,900	365,400	386,900	408,400	429,900		
Power	Power Input (Nominal)	Cooling	kW	26.2	27.1	29	32.7	34	
		Heating	kW	23	24.15	25.8	27.4	29	
	Current Input (Nominal)	Cooling	A	52.8	53.7	54.8	64.1	65.6	
		Heating	A	47.5	48.5	56.3	55.8	58.2	
	Circuit Breaker (MCCB+ELB / ELCB)		A	100	100	100	100	100	
	Nominal Cooling		-	3.42	3.51	3.48	3.25	3.29	
Nominal Heating		-	4.38	4.43	4.4	4.37	4.34		
Fan	Air Flow Rate	CMM	(210) x 1 + (275) x 1	(226) x 1 + (275) x 1	(250) x 1 + (275) x 1	(270) x 1 + (275) x 1	(275) x 2		
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	19.05		
	Gas Pipe	Φ, mm	31.75	31.75	38.1	38.1	38.1		
	Discharge Gas Pipe	(DVM PLUS IV HR) Φ, mm	28.58	28.58	31.75	31.75	31.75		
	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35		
	Installation	Max. Length	m	200	200	200	200		
	Limitation	Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)		
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a		
	Factory Charging	kg	13.5	15.5	15.5	17	17		
Sound	Sound Pressure	dB(A)	64	64	64	64	64		
External Dimension	Net Weight	DVM PLUS IV HP	kg	(240) x 1 + (349) x 1	(280) x 1 + (349) x 1	(329) x 1 + (349) x 1	(340) x 1 + (349) x 1	(349) x 2	
		DVM PLUS IV HR	kg	(243) x 1 + (355) x 1	(293) x 1 + (355) x 1	(338) x 1 + (355) x 1	(349) x 1 + (355) x 1	(355) x 2	
	Shipping Weight	DVM PLUS IV HP	kg	(256) x 1 + (370) x 1	(301) x 1 + (370) x 1	(350) x 1 + (370) x 1	(361) x 1 + (370) x 1	(370) x 2	
		DVM PLUS IV HR	kg	(259) x 1 + (376) x 1	(314) x 1 + (376) x 1	(359) x 1 + (376) x 1	(369) x 1 + (376) x 1	(376) x 2	
	Net Dimensions (WxHxD)		mm	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 1	(1295 x 1695 x 765) x 2	(1295 x 1695 x 765) x 2	(1295 x 1695 x 765) x 2	(1295 x 1695 x 765) x 2	
	Shipping Dimensions (WxHxD)		mm	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 1	(1363 x 1912 x 832) x 2	(1363 x 1912 x 832) x 2	(1363 x 1912 x 832) x 2	(1363 x 1912 x 832) x 2	
Operating Temp. Range	Cooling	℃	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48		
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24		

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DVM Specification - Outdoor Units

DVM PLUS IV HP / HR COMPACT MODULE	Model Name		DVM PLUS IV HP	RD420HHXGA	RD440HHXGA	RD460HHXGA	RD480HHXGA	RD500HHXGA	
	DVM PLUS IV HR			RD420HRXGA	RD440HRXGA	RD460HRXGA	RD480HRXGA	RD500HRXGA	
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		-		HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	HP	Cooling	HP	42	44	46	48	50	
			kW	117.6	123.2	128.8	134.4	140	
	Capacity (Nominal)	Heating	Btu/h	401,300	420,400	439,500	458,600	477,700	
			kW	132.3	138.6	144.9	151.2	157.5	
Power	Power Input (Nominal)	Cooling	kW	33.24	35.4	36.3	38.2	41.9	
			Heating	29.89	31.5	32.65	34.3	35.9	
		Current Input (Nominal)	Cooling	A	65.8	72.8	73.7	74.8	84.1
			Heating	A	60.2	65.9	66.9	74.7	74.2
	Circuit Breaker (MCCB+ELB / ELCB)		A	125	125	125	125	150	
	Nominal Cooling		-	3.54	3.48	3.55	3.52	3.34	
	Nominal Heating		-	4.43	4.4	4.44	4.41	4.39	
	Fan		Air Flow Rate	CMM	(173) x 1 + (210) x 1 + (275) x 1	(210) x 2 + (275) x 1	(210) x 1 + (226) x 1 + (275) x 1	(210) x 1 + (250) x 1 + (275) x 1	(210) x 1 + (270) x 1 + (275) x 1
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	19.05	22.23		
		Gas Pipe	Φ, mm	38.1	38.1	38.1	44.45		
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	31.75	31.75	31.75	31.75	38.10		
		Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35		
	Installation Limitation	Max. Length	m	200	200	200	200		
		Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)		
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a		
	Factory Charging	kg	18.5	18.5	20.5	20.5	22		
Sound	Sound Pressure	dB(A)	64	65	65	65	66		
	External Dimension	Net Weight	DVM PLUS IV HP	kg	(237) x 1 + (240) x 1 + (349) x 1	(240) x 2 + (349) x 1	(240) x 1 + (280) x 1 + (349) x 1	(240) x 1 + (329) x 1 + (349) x 1	(240) x 1 + (340) x 1 + (349) x 1
DVM PLUS IV HR			kg	(243) x 2 + (355) x 1	(243) x 2 + (355) x 1	(243) x 1 + (293) x 1 + (355) x 1	(243) x 1 + (338) x 1 + (355) x 1	(243) x 1 + (349) x 1 + (355) x 1	
Shipping Weight		DVM PLUS IV HP	kg	(253) x 1 + (256) x 1 + (370) x 1	(256) x 2 + (370) x 1	(256) x 1 + (301) x 1 + (370) x 1	(256) x 1 + (350) x 1 + (370) x 1	(256) x 1 + (361) x 1 + (370) x 1	
		DVM PLUS IV HR	kg	(259) x 2 + (376) x 1	(259) x 2 + (376) x 1	(259) x 1 + (314) x 1 + (376) x 1	(259) x 1 + (359) x 1 + (376) x 1	(259) x 1 + (369) x 1 + (376) x 1	
Net Dimensions (WxHxD)	mm		(880 x 1695 x 765) x 2 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 2 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 2	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 2	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 2		
	Shipping Dimensions (WxHxD)	mm	(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 1	(948 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 2	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 2		
Operating Temp. Range	Cooling	℃	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48		
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24		

DVM PLUS IV HP / HR COMPACT MODULE	Model Name		DVM PLUS IV HP	RD520HHXGA	RD540HHXGA	RD560HHXGA	RD580HHXGA	RD600HHXGA	
	DVM PLUS IV HR			RD520HRXGA	RD540HRXGA	RD560HRXGA	RD580HRXGA	RD600HRXGA	
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		-		HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	HP	Cooling	HP	52	54	56	58	60	
			kW	145.6	151.2	156.8	162.4	168	
	Capacity (Nominal)	Heating	Btu/h	496,800	515,900	535,000	554,100	573,200	
			kW	163.8	170.1	176.4	182.7	189	
Power	Power Input (Nominal)	Cooling	kW	43.2	44.1	46	49.7	51	
			Heating	37.5	38.65	40.3	41.9	43.5	
		Current Input (Nominal)	Cooling	A	85.6	86.5	87.6	96.9	98.4
			Heating	A	76.6	77.6	85.4	84.9	87.3
	Circuit Breaker (MCCB+ELB / ELCB)		A	150	150	150	150	150	
	Nominal Cooling		-	3.37	3.43	3.41	3.27	3.29	
	Nominal Heating		-	4.37	4.4	4.38	4.36	4.34	
	Fan		Air Flow Rate	CMM	(210) x 1 + (275) x 2	(226) x 1 + (275) x 2	(250) x 1 + (275) x 2	(270) x 1 + (275) x 2	(275) x 3
Piping Connections	Liquid Pipe	Φ, mm	22.23	22.23	22.23	22.23	22.23		
		Gas Pipe	Φ, mm	44.45	44.45	44.45	44.45	44.45	
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	38.10	38.10	38.10	38.10	38.10		
		Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
	Installation Limitation	Max. Length	m	200	200	200	200		
		Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)		
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a		
	Factory Charging	kg	22	24	24	25.5	25.5		
Sound	Sound Pressure	dB(A)	66	66	66	66	67		
	External Dimension	Net Weight	DVM PLUS IV HP	kg	(240) x 1 + (349) x 2	(280) x 1 + (349) x 2	(329) x 1 + (349) x 2	(340) x 1 + (349) x 2	(349) x 3
DVM PLUS IV HR			kg	(243) x 1 + (355) x 2	(293) x 1 + (355) x 2	(338) x 1 + (355) x 2	(349) x 1 + (355) x 2	(355) x 3	
Shipping Weight		DVM PLUS IV HP	kg	(256) x 1 + (370) x 2	(301) x 1 + (370) x 2	(350) x 1 + (370) x 2	(361) x 1 + (370) x 2	(370) x 3	
		DVM PLUS IV HR	kg	(259) x 1 + (376) x 2	(314) x 1 + (376) x 2	(359) x 1 + (376) x 2	(369) x 1 + (376) x 2	(376) x 3	
Net Dimensions (WxHxD)	mm		(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 2	(1295 x 1695 x 765) x 3	(1295 x 1695 x 765) x 3	(1295 x 1695 x 765) x 3	(1295 x 1695 x 765) x 3		
	Shipping Dimensions (WxHxD)	mm	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 2	(1363 x 1912 x 832) x 3	(1363 x 1912 x 832) x 3	(1363 x 1912 x 832) x 3	(1363 x 1912 x 832) x 3		
Operating Temp. Range	Cooling	℃	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48		
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24		

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DVM Specification - Outdoor Units

DVM PLUS IV HP / HR HIGH EFFICIENCY MODULE	Model Name	DVM PLUS IV HP	RD080HHXGA	RD100HHXGA	RD120HHXGA	RD140HHXGA	RD160HHXGA	RD180HHXGA	
		DVM PLUS IV HR	RD080HRXGA	RD100HRXGA	RD120HRXGA	RD140HRXGA	RD160HRXGA	RD180HRXGA	
	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	-	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	
Performance	HP	HP	8	10	12	14	16	18	
		kW	22.4	28.0	33.6	39.2	44.8	50.4	
	Capacity (Nominal)	Cooling	Btu/h	76,400	95,500	114,600	133,800	152,900	172,000
		Heating	kW	25.2	31.5	37.8	44.1	50.4	56.7
		Btu/h	86,000	107,500	129,000	150,500	172,000	193,500	
Power	Power Input (Nominal)	Cooling	kW	5.20	7.04	9.20	10.10	12.00	12.24
		Heating	kW	5.46	6.89	8.50	9.65	11.30	12.35
	Current Input (Nominal)	Cooling	A	8.80	13.00	20.00	20.90	22.00	21.8
		Heating	A	11.40	12.70	18.40	19.40	27.20	24.1
	Circuit Breaker (MCCB+ELB / ELCB)	A	30	30	40	40	50	50	
COP	Nominal Cooling	-	4.31	3.98	3.65	3.88	3.73	4.12	
	Nominal Heating	-	4.62	4.57	4.45	4.57	4.46	4.59	
Fan	Air Flow Rate	CMM	173	173	210	226	250	(173) x 2	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	12.70	15.88	
	Gas Pipe	Φ, mm	19.05	22.23	25.40	25.40	28.58	28.58	
	Discharge Gas Pipe	(DVM PLUS IV HR) Φ, mm	15.88	19.05	22.23	22.23	25.40	25.40	
	Oil Equalizing Pipe	Φ, mm	-	-	-	-	-	6.35	
	Installation Limitation	Max. Length	m	200	200	200	200	200	
		Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)	50 (40)	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	R410a	
	Factory Charging	kg	5.0	5.0	7.0	7.0	7.0	10	
Sound	Sound Pressure	dB(A)	57	58	60	60	60	60	
External Dimension	Net Weight	DVM PLUS IV HP	kg	237	237	240	280	329	(237) x 2
		DVM PLUS IV HR	kg	243	243	243	293	338	(243) x 2
	Shipping Weight	DVM PLUS IV HP	kg	253	253	256	301	350	(253) x 2
		DVM PLUS IV HR	kg	259	259	259	314	359	(259) x 2
	Net Dimensions (WxHxD)	mm	880 x 1695 x 765	880 x 1695 x 765	880 x 1695 x 765	1295 x 1695 x 765	1295 x 1695 x 765	(880 x 1695 x 765) x 2	
	Shipping Dimensions (WxHxD)	mm	948 x 1912 x 832	948 x 1912 x 832	948 x 1912 x 832	1363 x 1912 x 832	1363 x 1912 x 832	(948 x 1912 x 832) x 2	
Operating Temp. Range	Cooling	℃	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	

DVM PLUS IV HP / HR HIGH EFFICIENCY MODULE	Model Name	DVM PLUS IV HP	RD200HHXGA	RD220HHXGA	RD240AHXGA	RD260HHXGA	RD280HHXGA	RD300HHXGA	
		DVM PLUS IV HR	RD200HRXGA	RD220HRXGA	RD240ARXGA	RD260HRXGA	RD280HRXGA	RD300HRXGA	
	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	-	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	
Performance	HP	HP	20	22	24	26	28	30	
		kW	56	61.6	67.2	72.8	78.4	84	
	Capacity (Nominal)	Cooling	Btu/h	191,100	210,200	229,300	248,400	267,500	286,600
		Heating	kW	63	69.3	75.6	81.9	88.2	94.5
		Btu/h	215,000	236,500	258,000	279,500	301,000	322,400	
Power	Power Input (Nominal)	Cooling	kW	14.08	15.3	18.4	19.3	21.2	22.1
		Heating	kW	13.78	15.11	17	18.15	19.8	20.95
	Current Input (Nominal)	Cooling	A	26	29.7	40	40.9	42	42.9
		Heating	A	25.4	30.8	36.8	37.8	45.6	46.6
	Circuit Breaker (MCCB+ELB / ELCB)	A	60	60	75	75	75	75	
COP	Nominal Cooling	-	3.98	4.03	3.65	3.77	3.7	3.8	
	Nominal Heating	-	4.57	4.59	4.45	4.51	4.45	4.51	
Fan	Air Flow Rate	CMM	(173) x 2	(173) x 1 + (226) x 1	(210) x 2	(210) x 1 + (226) x 1	(210) x 1 + (250) x 1	(226) x 1 + (250) x 1	
Piping Connections	Liquid Pipe	Φ, mm	15.88	15.88	19.05	19.05	19.05	19.05	
	Gas Pipe	Φ, mm	28.58	28.58	28.58	31.75	31.75	31.75	
	Discharge Gas Pipe	(DVM PLUS IV HR) Φ, mm	25.40	25.40	25.40	28.58	28.58	28.58	
	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	6.35	
	Installation Limitation	Max. Length	m	200	200	200	200	200	
		Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)	50 (40)	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	R410a	
	Factory Charging	kg	10	12	10	12	12	14	
Sound	Sound Pressure	dB(A)	61	62	62	62	63	63	
External Dimension	Net Weight	DVM PLUS IV HP	kg	(237) x 2	(237) x 1 + (280) x 1	(240) x 2	(240) x 1 + (280) x 1	(240) x 1 + (329) x 1	(280) x 1 + (329) x 1
		DVM PLUS IV HR	kg	(243) x 2	(243) x 1 + (293) x 1	(243) x 2	(243) x 1 + (293) x 1	(243) x 1 + (338) x 1	(293) x 1 + (338) x 1
	Shipping Weight	DVM PLUS IV HP	kg	(253) x 2	(253) x 1 + (301) x 1	(256) x 2	(256) x 1 + (301) x 1	(256) x 1 + (350) x 1	(301) x 1 + (350) x 1
		DVM PLUS IV HR	kg	(259) x 2	(259) x 1 + (314) x 1	(259) x 2	(259) x 1 + (314) x 1	(259) x 1 + (359) x 1	(314) x 1 + (359) x 1
	Net Dimensions (WxHxD)	mm	(880 x 1695 x 765) x 2	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 2	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 1	(1295 x 1695 x 765) x 2	
	Shipping Dimensions (WxHxD)	mm	(948 x 1912 x 832) x 2	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 2	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 1	(1363 x 1912 x 832) x 2	
Operating Temp. Range	Cooling	℃	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	

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DVM Specification - Outdoor Units

DVM PLUS IV HP / HR HIGH EFFICIENCY MODULE	Model Name		DVM PLUS IV HP	RD320HHXGA	RD340HHXGA	RD360HHXGA	RD380HHXGA	RD400HHXGA	RD420HHXGA
	DVM PLUS IV HR		RD320HRXGA	RD340HRXGA	RD360HRXGA	RD380HRXGA	RD400HRXGA	RD420HRXGA	
	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		Heat Pump		Heat Pump		Heat Pump		Heat Pump
Performance	HP	Cooling	HP	32	34	36	38	40	42
			kW	89.6	95.2	100.8	106.4	112	117.6
	Capacity (Nominal)	Heating	Btu/h	305,700	324,800	343,900	363,100	382,200	401,300
			kW	100.8	107.1	113.4	119.7	126	132.3
Power	Power Input (Nominal)	Cooling	kW	24	24.24	26.08	28.24	30.4	31.3
			kW	22.6	23.65	25.08	26.69	28.3	29.45
	Current Input (Nominal)	Cooling	A	44	43.8	48	55	62	62.9
			A	54.4	51.3	52.6	58.3	64	65
COP	Nominal Cooling	-	-	3.73	3.93	3.87	3.77	3.68	3.76
			-	4.46	4.53	4.52	4.48	4.45	4.49
Fan	Air Flow Rate	CMM	(250) x 2	(173) x 2 + (250) x 1	(173) x 2 + (250) x 1	(173) x 1 + (210) x 1 + (250) x 1	(210) x 2 + (250) x 1	(210) x 1 + (226) x 1 + (250) x 1	
			Φ, mm	19.05	19.05	19.05	19.05	19.05	
Piping Connections	Gas Pipe	Φ, mm	31.75	31.75	31.75	31.75	31.75	31.75	
	Discharge Gas Pipe	(DVM PLUS IV HR) Φ, mm	28.58	28.58	28.58	28.58	28.58	28.58	
	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	
	Installation Limitation	Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)	50 (40)	
	Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
Sound	Sound Pressure	dB(A)	63	64	64	64	64	64	
External Dimension	Net Weight	DVM PLUS IV HP	kg	(329) x 2	(237) x 2 + (329) x 1	(237) x 2 + (329) x 1	(237) x 1 + (240) x 1 + (329) x 1	(240) x 2 + (329) x 1	(240) x 1 + (280) x 1 + (329) x 1
			DVM PLUS IV HR	kg	(338) x 2	(243) x 2 + (338) x 1	(243) x 2 + (338) x 1	(243) x 2 + (338) x 1	(243) x 2 + (338) x 1
	Shipping Weight	DVM PLUS IV HP	kg	(350) x 2	(253) x 2 + (350) x 1	(253) x 2 + (350) x 1	(253) x 1 + (256) x 1 + (350) x 1	(256) x 2 + (350) x 1	(256) x 1 + (301) x 1 + (350) x 1
			DVM PLUS IV HR	kg	(359) x 2	(259) x 2 + (359) x 1	(259) x 2 + (359) x 1	(259) x 2 + (359) x 1	(259) x 2 + (359) x 1
	Net Dimensions (WxHxD)	mm	(1295 x 1695 x 765) x 2		(880 x 1695 x 765) x 2 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 2 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 2 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 2 + (1295 x 1695 x 765) x 1	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 2
			(1363 x 1912 x 832) x 2		(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 1	(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 1
Operating Temp. Range	Cooling	℃	-5 ~ 48		-5 ~ 48		-5 ~ 48		-5 ~ 48
			Heating	℃	-20 ~ 24		-20 ~ 24		-20 ~ 24

DVM PLUS IV HP / HR HIGH EFFICIENCY MODULE	Model Name		DVM PLUS IV HP	RD440HHXGA	RD460HHXGA	RD480HHXGA
	DVM PLUS IV HR		RD440HRXGA	RD460HRXGA	RD480HRXGA	
	Power Supply	Φ, #, V, Hz	3, 4, 380-415, 50		3, 4, 380-415, 50	
	Mode		Heat Pump		Heat Pump	
Performance	HP	Cooling	HP	44	46	48
			kW	123.2	128.8	134.4
	Capacity (Nominal)	Heating	Btu/h	420,400	439,500	458,600
			kW	138.6	144.9	151.2
Power	Power Input (Nominal)	Cooling	kW	33.2	34.1	36
			kW	31.1	32.25	33.9
	Current Input (Nominal)	Cooling	A	64	64.9	66
			A	72.8	73.8	81.6
COP	Nominal Cooling	-	-	3.71	3.78	3.73
			-	4.46	4.49	4.46
Fan	Air Flow Rate	CMM	(210) x 1 + (250) x 2	(226) x 1 + (250) x 2	(250) x 3	
			Φ, mm	19.05	19.05	19.05
Piping Connections	Gas Pipe	Φ, mm	38.1	38.1	38.1	
	Discharge Gas Pipe	(DVM PLUS IV HR) Φ, mm	31.75	31.75	31.75	
	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	
	Installation Limitation	Max. Length	m	200	200	
	Installation Limitation	Max. Height	m	50 (40)	50 (40)	
	Refrigerant	Type	-	R410a	R410a	R410a
Sound	Sound Pressure	dB(A)	65	65	65	
External Dimension	Net Weight	DVM PLUS IV HP	kg	(240) x 1 + (329) x 2	(280) x 1 + (329) x 2	(329) x 3
			DVM PLUS IV HR	kg	(243) x 1 + (338) x 2	(293) x 1 + (338) x 2
	Shipping Weight	DVM PLUS IV HP	kg	(256) x 1 + (350) x 2	(301) x 1 + (350) x 2	(350) x 3
			DVM PLUS IV HR	kg	(259) x 1 + (359) x 2	(314) x 1 + (359) x 2
	Net Dimensions (WxHxD)	mm	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 2		(1295 x 1695 x 765) x 3	(1295 x 1695 x 765) x 3
			(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 2		(1363 x 1912 x 832) x 3	(1363 x 1912 x 832) x 3
Operating Temp. Range	Cooling	℃	-5 ~ 48		-5 ~ 48	
			Heating	℃	-20 ~ 24	

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DVM Specification - Outdoor Units



DVM PLUS III DIGITAL VARIABLE MULTI

- High Efficiency
- Easy Installation & Maintenance
- Eco-friendly

		DVM PLUS III HP		RVXVHT080GE	
		DVM PLUS III HR		RVXVRT080GE	
Power Supply		Φ, #, V, Hz		3, 4, 380-415, 50	
Mode		-		Heat Pump	
Performance	HP	HP	HP	8	8
		kW	kW	22.4	22.4
	Capacity (Nominal)	Cooling	Btu/h	76,400	76,400
		Heating	kW	25.2	25.2
			Btu/h	86,000	86,000
Power	Power Input (Nominal)	Cooling	kW	5.76	5.76
		Heating	kW	5.51	5.51
	Current Input (Nominal)	Cooling	A	12.20	12.20
		Heating	A	12.00	12.00
Circuit Breaker (MCCB+ELB / ELCB)		A		25	25
COP	Nominal Cooling	-		3.89	3.89
	Nominal Heating	-		4.57	4.57
Fan	Air Flow Rate	CMM		170	170
	Liquid Pipe	Φ, mm		9.52	9.52
	Gas Pipe	Φ, mm		19.05	19.05
Piping Connections	Discharge Gas Pipe	(DVM PLUS III HR)	Φ, mm	15.88	15.88
	Oil Equalizing Pipe	Φ, mm		-	-
	Installation Limitation	Max. Length	m	200	200
		Max. Height	m	50 (40)	50 (40)
Refrigerant	Type	-		R410a	R410a
	Factory Charging	kg		7.5	7.5
Sound	Sound Pressure	dB(A)		57	57
				240	240
External Dimension	Net Weight	DVM PLUS III HP	kg	242	242
		DVM PLUS III HR	kg	253	253
	Shipping Weight	DVM PLUS III HP	kg	255	255
		DVM PLUS III HR	kg	255	255
Net Dimensions (WxHxD)		mm		880 x 1703 x 765	880 x 1703 x 765
Shipping Dimensions (WxHxD)		mm		948 x 1868 x 832	948 x 1868 x 832
Operating Temp. Range	Cooling	℃		-5 ~ 43	-5 ~ 43
	Heating	℃		-20 ~ 24	-20 ~ 24

		DVM PLUS III HP		RVXVHT100GE		RVXVHT120GE		RVXVHT140GE		RVXVHT160GE	
		DVM PLUS III HR		RVXVRT100GE		RVXVRT120GE		RVXVRT140GE		RVXVRT160GE	
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		-		Heat Pump		Heat Pump		Heat Pump		Heat Pump	
Performance	HP	HP	HP	10	12	14	16				
		kW	kW	28.0	33.6	39.2	44.8				
	Capacity (Nominal)	Cooling	Btu/h	95,500	114,600	133,800	152,900				
		Heating	kW	31.5	37.8	44.1	50.4				
			Btu/h	107,500	129,000	150,500	172,000				
Power	Power Input (Nominal)	Cooling	kW	7.78	10.40	11.00	14.80				
		Heating	kW	7.16	9.40	10.40	15.00				
	Current Input (Nominal)	Cooling	A	13.90	21.00	24.20	28.60				
		Heating	A	13.00	19.20	23.00	29.20				
Circuit Breaker (MCCB+ELB / ELCB)		A		30	40	40	50				
COP	Nominal Cooling	-		3.60	3.23	3.56	3.03				
	Nominal Heating	-		4.40	4.02	4.24	3.36				
Fan	Air Flow Rate	CMM		170	180	210	210				
	Liquid Pipe	Φ, mm		9.52	12.70	12.70	12.70				
	Gas Pipe	Φ, mm		22.23	25.40	25.40	28.58				
Piping Connections	Discharge Gas Pipe	(DVM PLUS III HR)	Φ, mm	19.05	22.23	22.23	22.23				
	Oil Equalizing Pipe	Φ, mm		-	-	-	-				
	Installation Limitation	Max. Length	m	200	200	200	200				
		Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)				
Refrigerant	Type	-		R410a	R410a	R410a	R410a				
	Factory Charging	kg		7.5	7.5	11.0	11.0				
Sound	Sound Pressure	dB(A)		58	60	60	60				
				240	240	320	320				
External Dimension	Net Weight	DVM PLUS III HP	kg	240	240	320	320				
		DVM PLUS III HR	kg	242	242	323	323				
	Shipping Weight	DVM PLUS III HP	kg	253	253	337	337				
		DVM PLUS III HR	kg	255	255	340	340				
Net Dimensions (WxHxD)		mm		880 x 1703 x 765	880 x 1703 x 765	1200 x 1703 x 765	1200 x 1703 x 765				
Shipping Dimensions (WxHxD)		mm		948 x 1868 x 832	948 x 1868 x 832	1268 x 1868 x 832	1268 x 1868 x 832				
Operating Temp. Range	Cooling	℃		-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43				
	Heating	℃		-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24				

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DVM Specification - Outdoor Units

DVM PLUS III HP / HR COMPACT MODULE	Model Name		DVM PLUS III HP	RXXVHT180GE	RXXVHT200GE	RXXVHT220GE	RXXVHT240GE
			DVM PLUS III HR	RXXVRT180GE	RXXVRT200GE	RXXVRT220GE	RXXVRT240GE
	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		-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Performance	HP	HP	HP	18	20	22	24
		kW	kW	50.4	56	61.6	67.2
	Capacity (Nominal)	Cooling	Btu/h	172,000	191,100	210,200	229,300
		Heating	kW	56.7	63	69.3	75.6
		Btu/h	193,500	215,000	236,500	258,000	
Power	Power Input (Nominal)	Cooling	kW	13.54	16.16	18.18	18.78
		Heating	kW	12.67	14.91	16.56	17.56
	Current Input (Nominal)	Cooling	A	26.1	33.2	34.9	38.1
		Heating	A	25	31.2	32.2	36
	Circuit Breaker (MCCB+ELB / ELCB)		A	50	60	60	75
COP	Nominal Cooling		-	3.72	3.47	3.39	3.58
	Nominal Heating		-	4.48	4.23	4.18	4.31
Fan	Air Flow Rate		CMM	(170) x 2	(170) x 1 + (180) x 1	(170) x 1 + (180) x 1	(170) x 1 + (210) x 1
	Liquid Pipe		Φ, mm	15.88	15.88	15.88	15.88
Piping Connections	Gas Pipe		Φ, mm	28.58	28.58	28.58	28.58
	Discharge Gas Pipe		(DVM PLUS III HR) Φ, mm	25.40	25.40	25.40	25.40
	Oil Equalizing Pipe		Φ, mm	6.35	6.35	6.35	6.35
	Installation Limitation		Max. Length	m	200	200	200
			Max. Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410a	R410a	R410a	R410a
	Factory Charging		kg	15	15	15	18.5
Sound	Sound Pressure		dB(A)	60	61	62	62
	External Dimension	Net Weight		DVM PLUS III HP	(240) x 1 + (240) x 1	(240) x 2	(240) x 2
		DVM PLUS III HR	(242) x 1 + (242) x 1	(242) x 2	(242) x 2	(242) x 1 + (323) x 1	
Shipping Weight		DVM PLUS III HP	(253) x 1 + (253) x 1	(253) x 2	(253) x 2	(253) x 1 + (337) x 1	
		DVM PLUS III HR	(255) x 1 + (255) x 1	(255) x 2	(255) x 2	(255) x 1 + (340) x 1	
	Net Dimensions (WxHxD)		mm	(880 x 1703 x 765) x 2	(880 x 1703 x 765) x 2	(880 x 1703 x 765) x 2	(880 x 1703 x 765) x 1 + (1200 x 1703 x 765) x 1
	Shipping Dimensions (WxHxD)		mm	(948 x 1868 x 832) x 2	(948 x 1868 x 832) x 2	(948 x 1868 x 832) x 2	(948 x 1868 x 832) x 1 + (1268 x 1868 x 832) x 1
Operating Temp. Range	Cooling		℃	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
	Heating		℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

DVM PLUS III HP / HR COMPACT MODULE	Model Name		DVM PLUS III HP	RXXVHT260GE	RXXVHT280GE	RXXVHT300GE	RXXVHT320GE
			DVM PLUS III HR	RXXVRT260GE	RXXVRT280GE	RXXVRT300GE	RXXVRT320GE
	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		-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Performance	HP	HP	HP	26	28	30	32
		kW	kW	72.8	78.4	84	89.6
	Capacity (Nominal)	Cooling	Btu/h	248,400	267,500	286,600	305,700
		Heating	kW	81.9	88.2	94.5	100.8
		Btu/h	279,500	301,000	322,400	343,900	
Power	Power Input (Nominal)	Cooling	kW	21.4	22	25.8	29.6
		Heating	kW	19.8	20.8	25.4	30
	Current Input (Nominal)	Cooling	A	45.2	48.4	52.8	57.2
		Heating	A	42.2	46	52.2	58.4
	Circuit Breaker (MCCB+ELB / ELCB)		A	75	75	100	100
COP	Nominal Cooling		-	3.4	3.56	3.26	3.03
	Nominal Heating		-	4.14	4.24	3.72	3.36
Fan	Air Flow Rate		CMM	(180) x 1 + (210) x 1	(210) x 2	(210) x 2	(210) x 2
	Liquid Pipe		Φ, mm	19.05	19.05	19.05	19.05
Piping Connections	Gas Pipe		Φ, mm	31.75	31.75	31.75	31.75
	Discharge Gas Pipe		(DVM PLUS III HR) Φ, mm	28.58	28.58	28.58	28.58
	Oil Equalizing Pipe		Φ, mm	6.35	6.35	6.35	6.35
	Installation Limitation		Max. Length	m	200	200	200
			Max. Height	m	50 (40)	50 (40)	50 (40)
Refrigerant	Type		-	R410a	R410a	R410a	R410a
	Factory Charging		kg	18.5	22	22	22
Sound	Sound Pressure		dB(A)	62	63	63	63
	External Dimension	Net Weight		DVM PLUS III HP	(240) x 1 + (320) x 1	(320) x 2	(320) x 2
		DVM PLUS III HR	(242) x 1 + (323) x 1	(323) x 2	(323) x 2	(323) x 2	
Shipping Weight		DVM PLUS III HP	(253) x 1 + (337) x 1	(337) x 2	(337) x 2	(337) x 2	
		DVM PLUS III HR	(255) x 1 + (340) x 1	(340) x 2	(340) x 2	(340) x 2	
	Net Dimensions (WxHxD)		mm	(880 x 1703 x 765) x 1 + (1200 x 1703 x 765) x 1	(1200 x 1703 x 765) x 2	(1200 x 1703 x 765) x 2	(1200 x 1703 x 765) x 2
	Shipping Dimensions (WxHxD)		mm	(948 x 1868 x 832) x 1 + (1268 x 1868 x 832) x 1	(1268 x 1868 x 832) x 2	(1268 x 1868 x 832) x 2	(1268 x 1868 x 832) x 2
Operating Temp. Range	Cooling		℃	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
	Heating		℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

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DVM Specification - Outdoor Units

Model Name	DVM PLUS III HP		RVXVHT340GE		RVXVHT360GE		RVXVHT380GE		RVXVHT400GE		
	DVM PLUS III HR		RVXVRT340GE		RVXVRT360GE		RVXVRT380GE		RVXVRT400GE		
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	-		Heat Pump		Heat Pump		Heat Pump		Heat Pump		
Performance	HP	HP	34		36		38		40		
		kW	95.2		100.8		106.4		112		
	Capacity (Nominal)	Cooling	Btu/h	324,800		343,900		363,100		382,200	
		Heating	kW	107.1		113.4		119.7		126	
Power	Power Input (Nominal)	Cooling	28.58		31.2		31.8		35.6		
		Heating	25.96		28.2		29.2		33.8		
	Current Input (Nominal)	Cooling	55.9		63		66.2		70.6		
		Heating	51.4		57.6		61.4		67.6		
COP	Circuit Breaker (MCCB+ELB / ELCB)	A		100		125		125			
	Nominal Cooling	-		3.33		3.23		3.35			
Fan	Nominal Heating	-		4.13		4.02		4.1			
	Air Flow Rate	CMM		(170) x 1 + (180) x 2		(180) x 3		(180) x 2 + (210) x 1			
Piping Connections	Liquid Pipe	Φ, mm		19.05		19.05		19.05			
	Gas Pipe	Φ, mm		31.75		38.1		38.1			
	Discharge Gas Pipe	(DVM PLUS III HR) Φ, mm		28.58		31.75		31.75			
	Oil Equalizing Pipe	Φ, mm		6.35		6.35		6.35			
	Installation Limitation	Max. Length		m		200		200			
	Refrigerant	Max. Height		m		50 (40)		50 (40)			
Sound	Type	-		R410a		R410a		R410a			
	Factory Charging	kg		22.5		22.5		26			
External Dimension	Sound Pressure	dB(A)		64		64		64			
	Net Weight	DVM PLUS III HP	kg		(240) x 3		(240) x 3		(240) x 1 + (320) x 2		
		DVM PLUS III HR	kg		(242) x 3		(242) x 3		(242) x 1 + (323) x 2		
	Shipping Weight	DVM PLUS III HP	kg		(253) x 3		(253) x 3		(253) x 1 + (337) x 2		
DVM PLUS III HR		kg		(255) x 3		(255) x 3		(255) x 1 + (340) x 2			
Operating Temp. Range	Net Dimensions (WxHxD)	mm		(880 x 1703 x 765) x 3		(880 x 1703 x 765) x 3		(880 x 1703 x 765) x 2 + (1200 x 1703 x 765) x 1			
	Shipping Dimensions (WxHxD)	mm		(948 x 1868 x 832) x 3		(948 x 1868 x 832) x 3		(948 x 1868 x 832) x 2 + (1268 x 1868 x 832) x 1			
Operating Temp. Range	Cooling	℃		-5 ~ 43		-5 ~ 43		-5 ~ 43			
	Heating	℃		-20 ~ 24		-20 ~ 24		-20 ~ 24			

Model Name	DVM PLUS III HP		RVXVHT420GE		RVXVHT440GE		RVXVHT460GE		RVXVHT480GE		
	DVM PLUS III HR		RVXVRT420GE		RVXVRT440GE		RVXVRT460GE		RVXVRT480GE		
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	-		Heat Pump		Heat Pump		Heat Pump		Heat Pump		
Performance	HP	HP	42		44		46		48		
		kW	117.6		123.2		128.8		134.4		
	Capacity (Nominal)	Cooling	Btu/h	401,300		420,400		439,500		458,600	
		Heating	kW	132.3		138.6		144.9		151.2	
Power	Power Input (Nominal)	Cooling	36.2		36.8		40.6		44.4		
		Heating	34.8		35.8		40.4		45		
	Current Input (Nominal)	Cooling	73.8		77		81.4		85.8		
		Heating	71.4		75.2		81.4		87.6		
COP	Circuit Breaker (MCCB+ELB / ELCB)	A		125		125		125			
	Nominal Cooling	-		3.25		3.35		3.17			
Fan	Nominal Heating	-		3.8		3.87		3.59			
	Air Flow Rate	CMM		(180) x 1 + (210) x 2		(210) x 3		(210) x 3			
Piping Connections	Liquid Pipe	Φ, mm		19.05		19.05		19.05			
	Gas Pipe	Φ, mm		38.1		38.1		38.1			
	Discharge Gas Pipe	(DVM PLUS III HR) Φ, mm		31.75		31.75		31.75			
	Oil Equalizing Pipe	Φ, mm		6.35		6.35		6.35			
	Installation Limitation	Max. Length		m		200		200			
	Refrigerant	Max. Height		m		50 (40)		50 (40)			
Sound	Type	-		R410a		R410a		R410a			
	Factory Charging	kg		29.5		33		33			
External Dimension	Sound Pressure	dB(A)		64		65		65			
	Net Weight	DVM PLUS III HP	kg		(240) x 1 + (320) x 2		(320) x 3		(320) x 3		
		DVM PLUS III HR	kg		(242) x 1 + (323) x 2		(323) x 3		(323) x 3		
	Shipping Weight	DVM PLUS III HP	kg		(253) x 1 + (337) x 2		(337) x 3		(337) x 3		
DVM PLUS III HR		kg		(255) x 1 + (340) x 2		(340) x 3		(340) x 3			
Operating Temp. Range	Net Dimensions (WxHxD)	mm		(880 x 1703 x 765) x 1 + (1200 x 1703 x 765) x 2		(1200 x 1703 x 765) x 3		(1200 x 1703 x 765) x 3			
	Shipping Dimensions (WxHxD)	mm		(948 x 1868 x 832) x 1 + (1268 x 1868 x 832) x 2		(1268 x 1868 x 832) x 3		(1268 x 1868 x 832) x 3			
Operating Temp. Range	Cooling	℃		-5 ~ 43		-5 ~ 43		-5 ~ 43			
	Heating	℃		-20 ~ 24		-20 ~ 24		-20 ~ 24			

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DVM Specification - Outdoor Units

Model Name	DVM PLUS III HP		RVXVHT500GE		RVXVHT520GE		RVXVHT540GE		RVXVHT560GE		
	DVM PLUS III HR		RVXVRT500GE		RVXVRT520GE		RVXVRT540GE		RVXVRT560GE		
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	-		Heat Pump		Heat Pump		Heat Pump		Heat Pump		
Performance	HP	HP	50		52		54		56		
		kW	140		145.6		151.2		156.8		
	Capacity (Nominal)	Cooling	Btu/h	477,700		496,800		515,900		535,000	
		Heating	kW	157.5		163.8		170.1		176.4	
Power	Power Input (Nominal)	Cooling	kW	42.2		46		47.78		48.38	
		Heating	kW	38.6		43.2		46.56		47.56	
	Current Input (Nominal)	Cooling	A	87.2		91.6		92.1		95.3	
		Heating	A	80.6		86.8		90.6		94.4	
COP	Circuit Breaker (MCCB+ELB / ELCB)		A		150		150		150		
	Nominal Cooling		-		3.32		3.17		3.16		
Fan	Nominal Heating		-		4.08		3.79		3.65		
	Air Flow Rate		CMM		(180) x 3 + (210) x 1		(180) x 3 + (210) x 1		(170) x 1 + (180) x 1 + (210) x 2		
Piping Connections	Liquid Pipe		Φ, mm		22.23		22.23		22.23		
	Gas Pipe		Φ, mm		44.45		44.45		44.45		
	Discharge Gas Pipe		(DVM PLUS III HR) Φ, mm		38.1		38.1		38.1		
	Oil Equalizing Pipe		Φ, mm		6.35		6.35		6.35		
	Installation Limitation		Max. Length		m		200		200		
			Max. Height		m		50 (40)		50 (40)		
Refrigerant	Type		-		R410a		R410a		R410a		
	Factory Charging		kg		33.5		33.5		37		
Sound	Sound Pressure		dB(A)		66		66		66		
	External Dimension	Net Weight		DVM PLUS III HP		kg		(240) x 3 + (320) x 1		(240) x 2 + (320) x 2	
		DVM PLUS III HR		kg		(242) x 3 + (323) x 1		(242) x 2 + (323) x 1			
Shipping Weight		DVM PLUS III HP		kg		(253) x 3 + (337) x 1		(253) x 2 + (337) x 2			
		DVM PLUS III HR		kg		(255) x 3 + (340) x 1		(255) x 2 + (340) x 2			
Operating Temp. Range	Cooling		℃		-5 ~ 43		-5 ~ 43		-5 ~ 43		
	Heating		℃		-20 ~ 24		-20 ~ 24		-20 ~ 24		

Model Name	DVM PLUS III HP		RVXVHT580GE		RVXVHT600GE		RVXVHT620GE		RVXVHT640GE		
	DVM PLUS III HR		RVXVRT580GE		RVXVRT600GE		RVXVRT620GE		RVXVRT640GE		
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	-		Heat Pump		Heat Pump		Heat Pump		Heat Pump		
Performance	HP	HP	58		60		62		64		
		kW	162.4		168		173.6		179.2		
	Capacity (Nominal)	Cooling	Btu/h	554,100		573,200		592,300		611,500	
		Heating	kW	182.7		189		195.3		201.6	
Power	Power Input (Nominal)	Cooling	kW	52.18		54.8		55.4		59.2	
		Heating	kW	52.16		54.4		55.4		60	
	Current Input (Nominal)	Cooling	A	99.7		106.8		110		114.4	
		Heating	A	100.6		106.8		110.6		116.8	
COP	Circuit Breaker (MCCB+ELB / ELCB)		A		150		175		175		
	Nominal Cooling		-		3.11		3.07		3.13		
Fan	Nominal Heating		-		3.5		3.47		3.53		
	Air Flow Rate		CMM		(170) x 1 + (210) x 3		(180) x 1 + (210) x 3		(210) x 4		
Piping Connections	Liquid Pipe		Φ, mm		22.23		22.23		22.23		
	Gas Pipe		Φ, mm		44.45		44.45		44.45		
	Discharge Gas Pipe		(DVM PLUS III HR) Φ, mm		38.1		38.1		38.1		
	Oil Equalizing Pipe		Φ, mm		6.35		6.35		6.35		
	Installation Limitation		Max. Length		m		200		200		
			Max. Height		m		50 (40)		50 (40)		
Refrigerant	Type		-		R410a		R410a		R410a		
	Factory Charging		kg		40.5		40.5		44		
Sound	Sound Pressure		dB(A)		66		67		67		
	External Dimension	Net Weight		DVM PLUS III HP		kg		(240) x 1 + (320) x 3		(320) x 4	
		DVM PLUS III HR		kg		(242) x 1 + (323) x 3		(323) x 4			
Shipping Weight		DVM PLUS III HP		kg		(253) x 1 + (337) x 3		(337) x 4			
		DVM PLUS III HR		kg		(255) x 1 + (340) x 3		(340) x 4			
Operating Temp. Range	Cooling		℃		-5 ~ 43		-5 ~ 43		-5 ~ 43		
	Heating		℃		-20 ~ 24		-20 ~ 24		-20 ~ 24		

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DVM Specification - Outdoor Units

DVM PLUS III HP / HR HIGH EFFICIENCY MODULE	Model Name		DVM PLUS III HP	RXXVHT080GE	RXXVHT100GE	RXXVHT120GE	RXXVHT140GE	RXXVHT160GE
			DVM PLUS III HR	RXXVRT080GE	RXXVRT100GE	RXXVRT120GE	RXXVRT140GE	RXXVRT160GE
	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		8	10	12	14	16
		kW		22.4	28.0	33.6	39.2	44.8
	Capacity (Nominal)	Cooling	Btu/h	76,400	95,500	114,600	133,800	152,900
		Heating	kW	25.2	31.5	37.8	44.1	50.4
			Btu/h	86,000	107,500	129,000	150,500	172,000
Power	Power Input (Nominal)	Cooling	kW	5.76	7.78	10.40	11.00	11.52
		Heating	kW	5.51	7.16	9.40	10.40	11.02
	Current Input (Nominal)	Cooling	A	12.20	13.90	21.00	24.20	24.4
		Heating	A	12.00	13.00	19.20	23.00	24
	Circuit Breaker (MCCB+ELB / ELCB)	A	25	30	40	40	50	
COP	Nominal Cooling	-	3.89	3.60	3.23	3.56	3.89	
	Nominal Heating	-	4.57	4.40	4.02	4.24	4.57	
Fan	Air Flow Rate	CMM	170	170	180	210	(170) x 2	
	Liquid Pipe	Φ, mm	9.52	9.52	12.70	12.70	12.7	
Piping Connections	Gas Pipe	Φ, mm	19.05	22.23	25.40	25.40	28.58	
	Discharge Gas Pipe	(DVM PLUS III HR) Φ, mm	15.88	19.05	22.23	22.23	22.23	
	Oil Equalizing Pipe	Φ, mm						
	Installation Limitation	Max. Length	m	200	200	200	200	
		Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
	Factory Charging	kg	7.5	7.5	7.5	11.0	15	
Sound ⁵⁾	Sound Pressure	dB(A)	57	58	60	60	60	
External Dimension	Net Weight	DVM PLUS III HP	kg	240	240	240	320	(240) x 2
		DVM PLUS III HR	kg	242	242	242	323	(242) x 2
	Shipping Weight	DVM PLUS III HP	kg	250	250	250	337	(250) x 2
		DVM PLUS III HR	kg	255	255	255	340	(255) x 2
	Net Dimensions (WxHxD)	mm	880 x 1703 x 765	880 x 1703 x 765	880 x 1703 x 765	1200 x 1703 x 765	(880 x 1703 x 765) x 2	
	Shipping Dimensions (WxHxD)	mm	948 x 1868 x 832	948 x 1868 x 832	948 x 1868 x 832	1268 x 1868 x 832	(948 x 1868 x 832) x 2	
Operating Temp. Range	Cooling	℃	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

DVM PLUS III HP / HR HIGH EFFICIENCY MODULE	Model Name		DVM PLUS III HP	RXXVHT180GE	RXXVHT200GE	RXXVHT220GE	RXXVHT240GE	RXXVHT260GE
			DVM PLUS III HR	RXXVRT180GE	RXXVRT200GE	RXXVRT220GE	RXXVRT240GE	RXXVRT260GE
	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		18	20	22	24	26
		kW		50.4	56	61.6	67.2	72.8
	Capacity (Nominal)	Cooling	Btu/h	172,000	191,100	210,200	229,300	248,400
		Heating	kW	56.7	63	69.3	75.6	81.9
			Btu/h	193,500	215,000	236,500	258,000	279,500
Power	Power Input (Nominal)	Cooling	kW	13.54	15.56	18.18	17.28	19.3
		Heating	kW	12.67	14.32	16.56	16.53	18.18
	Current Input (Nominal)	Cooling	A	26.1	27.8	34.9	36.6	38.3
		Heating	A	25	26	32.2	36	37
	Circuit Breaker (MCCB+ELB / ELCB)	A	50	60	60	75	75	
COP	Nominal Cooling	-	3.72	3.6	3.39	3.89	3.77	
	Nominal Heating	-	4.48	4.4	4.18	4.57	4.5	
Fan	Air Flow Rate	CMM	(170) x 2	(170) x 2	(170) x 1 + (180) x 1	(170) x 3	(170) x 3	
	Liquid Pipe	Φ, mm	15.88	15.88	15.88	15.88	19.05	
Piping Connections	Gas Pipe	Φ, mm	28.58	28.58	28.58	28.58	31.75	
	Discharge Gas Pipe	(DVM PLUS III HR) Φ, mm	25.4	25.4	25.4	25.4	28.58	
	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
	Installation Limitation	Max. Length	m	200	200	200	200	
		Max. Height	m	50 (40)	50 (40)	50 (40)	50 (40)	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
	Factory Charging	kg	15	15	15	22.5	22.5	
Sound ⁵⁾	Sound Pressure	dB(A)	60	61	62	62	63	
External Dimension	Net Weight	DVM PLUS III HP	kg	(240) x 2	(240) x 2	(240) x 2	(240) x 3	(240) x 3
		DVM PLUS III HR	kg	(242) x 2	(242) x 2	(242) x 2	(242) x 3	(242) x 3
	Shipping Weight	DVM PLUS III HP	kg	(253) x 2	(253) x 2	(253) x 2	(253) x 3	(250) x 3
		DVM PLUS III HR	kg	(255) x 2	(255) x 2	(255) x 2	(255) x 3	(255) x 3
	Net Dimensions (WxHxD)	mm	(880 x 1703 x 765) x 2	(880 x 1703 x 765) x 2	(880 x 1703 x 765) x 2	(880 x 1703 x 765) x 3	(880 x 1703 x 765) x 3	
	Shipping Dimensions (WxHxD)	mm	(948 x 1868 x 832) x 2	(948 x 1868 x 832) x 2	(948 x 1868 x 832) x 2	(948 x 1868 x 832) x 3	(948 x 1868 x 832) x 3	
Operating Temp. Range	Cooling	℃	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

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DVM Specification - Outdoor Units

DVM PLUS III HP / HR HIGH EFFICIENCY MODULE	Model Name	DVM PLUS III HP	RVXVHT280GE	RVXVHT300GE	RVXVHT320GE	RVXVHT340GE	RVXVHT360GE	
		DVM PLUS III HR	RVXVRT280GE	RVXVRT300GE	RVXVRT320GE	RVXVRT340GE	RVXVRT360GE	
	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	Capacity (Nominal)	Cooling	HP	28	30	32	34	36
			kW	78.4	84	89.6	95.2	100.8
		Heating	BTU/h	267,500	286,600	305,700	324,800	343,900
			kW	88.2	94.5	100.8	107.1	113.4
Power	Power Input (Nominal)	Cooling	BTU/h	301,000	322,400	343,900	365,400	386,900
			kW	88.2	94.5	100.8	107.1	113.4
		Heating	kW	21.32	23.34	25.96	26.56	29.18
			kW	19.83	21.48	23.72	24.72	26.96
COP	Current Input (Nominal)	Cooling	A	40	41.7	48.8	52	59.1
			A	38	39	45.2	49	55.2
		Heating	A	75	100	100	100	100
			A	75	100	100	100	100
Fan	Air Flow Rate	CMM	(170) x 3	(170) x 3	(170) x 2 + (180) x 1	(170) x 2 + (210) x 1	(170) x 1 + (180) x 1 + (210) x 1	
			(170) x 3	(170) x 3	(170) x 2 + (180) x 1	(170) x 2 + (210) x 1	(170) x 1 + (180) x 1 + (210) x 1	
Piping Connections	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
			R410a	R410a	R410a	R410a	R410a	
External Dimension	Net Weight	kg	(240) x 3	(240) x 3	(240) x 3	(240) x 2 + (320) x 1	(240) x 2 + (320) x 1	
			(242) x 3	(242) x 3	(242) x 3	(242) x 2 + (323) x 1	(242) x 2 + (323) x 1	
Operating Temp. Range	Cooling	℃	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	
			-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	

DVM PLUS III HP / HR HIGH EFFICIENCY MODULE	Model Name	DVM PLUS III HP	RVXVHT380GE	RVXVHT400GE	RVXVHT420GE	RVXVHT440GE	RVXVHT460GE	
		DVM PLUS III HR	RVXVRT380GE	RVXVRT400GE	RVXVRT420GE	RVXVRT440GE	RVXVRT460GE	
	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	Capacity (Nominal)	Cooling	HP	38	40	42	44	46
			kW	106.4	112	117.6	123.2	128.8
		Heating	BTU/h	363,100	382,200	401,300	420,400	439,500
			kW	119.7	126	132.3	138.6	144.9
Power	Power Input (Nominal)	Cooling	BTU/h	408,400	429,900	451,400	472,900	494,400
			kW	119.7	126	132.3	138.6	144.9
		Heating	kW	29.78	32.4	33	34.34	36.96
			kW	27.96	30.2	31.2	31.88	34.12
COP	Current Input (Nominal)	Cooling	A	62.3	69.4	72.6	65.9	73
			A	59	65.2	69	62	68.2
		Heating	A	125	125	125	125	125
			A	125	125	125	125	125
Fan	Air Flow Rate	CMM	(170) x 1 + (210) x 2	(180) x 1 + (210) x 2	(210) x 3	(170) x 3 + (210) x 1	(170) x 2 + (180) x 1 + (210) x 1	
			(170) x 1 + (210) x 2	(180) x 1 + (210) x 2	(210) x 3	(170) x 3 + (210) x 1	(170) x 2 + (180) x 1 + (210) x 1	
Piping Connections	Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
			6.35	6.35	6.35	6.35	6.35	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
			R410a	R410a	R410a	R410a	R410a	
External Dimension	Net Weight	kg	(240) x 1 + (320) x 2	(240) x 1 + (320) x 2	(320) x 3	(240) x 3 + (320) x 1	(240) x 3 + (320) x 1	
			(242) x 1 + (323) x 2	(242) x 1 + (323) x 2	(323) x 3	(242) x 3 + (323) x 1	(242) x 3 + (323) x 1	
Operating Temp. Range	Cooling	℃	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	
			-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	

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DVM Specification - Outdoor Units

DVM PLUS III HP / HR HIGH EFFICIENCY MODULE	Model Name		DVM PLUS III HP	RVXVHT480GE	RVXVHT500GE	RVXVHT520GE	RVXVHT540GE	RVXVHT560GE
			DVM PLUS III HR	RVXVRT480GE	RVXVRT500GE	RVXVRT520GE	RVXVRT540GE	RVXVRT560GE
	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	48	50	52	54	56
			kW	134.4	140	145.6	151.2	156.8
	Capacity (Nominal)	Cooling	Btu/h	458,600	477,700	496,800	515,900	535,000
		Heating	kW	151.2	157.5	163.8	170.1	176.4
			Btu/h	515,900	537,400	558,900	580,400	601,900
Power	Power Input (Nominal)	Cooling	kW	37.56	40.18	42.8	43.4	44
		Heating	kW	35.12	37.36	39.6	40.6	41.6
	Current Input (Nominal)	Cooling	A	76.2	83.3	90.4	93.6	96.8
		Heating	A	72	78.2	84.4	88.2	92
	Circuit Breaker (MCCB+ELB / ELCB)	A	125	150	150	150	150	
COP	Nominal Cooling	-	3.58	3.48	3.4	3.48	3.48	3.56
	Nominal Heating	-	4.31	4.22	4.14	4.19	4.24	
Fan	Air Flow Rate	CMM	(170) x 2 + (210) x 2	(170) x 1 + (180) x 1 + (210) x 2	(180) x 2 + (210) x 2	(180) x 1 + (210) x 3	(210) x 4	
Piping Connections	Liquid Pipe	Φ, mm	19.05	22.23	22.23	22.23	22.23	
	Gas Pipe	Φ, mm	38.1	44.45	44.45	44.45	44.45	
	Discharge Gas Pipe	(DVM PLUS III HR) Φ, mm	31.75	38.1	38.1	38.1	38.1	
	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	50 (40)	50 (40)	50 (40)	50 (40)	50 (40)
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
	Factory Charging	kg	37	37	37	40.5	44	
Sound ⁵⁾	Sound Pressure	dB(A)	65	66	66	66	66	
External Dimension	Net Weight	DVM PLUS III HP	kg	(240) x 2 + (320) x 2	(240) x 2 + (320) x 2	(240) x 2 + (320) x 2	(240) x 1 + (320) x 3	(320) x 4
		DVM PLUS III HR	kg	(242) x 2 + (323) x 2	(242) x 2 + (323) x 2	(242) x 2 + (323) x 2	(242) x 1 + (323) x 3	(323) x 4
	Shipping Weight	DVM PLUS III HP	kg	(250) x 2 + (337) x 2	(250) x 2 + (337) x 2	(250) x 2 + (337) x 2	(250) x 1 + (337) x 3	(337) x 4
		DVM PLUS III HR	kg	(255) x 2 + (340) x 2	(255) x 2 + (340) x 2	(255) x 2 + (340) x 2	(255) x 1 + (340) x 3	(340) x 4
Net Dimensions (WxHxD)	mm		(880 x 1703 x 765) x 2 + (1200 x 1703 x 765) x 2	(880 x 1703 x 765) x 2 + (1200 x 1703 x 765) x 2	(880 x 1703 x 765) x 2 + (1200 x 1703 x 765) x 2	(880 x 1703 x 765) x 1 + (1200 x 1703 x 765) x 3	(1200 x 1703 x 765) x 4	
	mm		(948 x 1868 x 832) x 2 + (1268 x 1868 x 832) x 2	(948 x 1868 x 832) x 2 + (1268 x 1868 x 832) x 2	(948 x 1868 x 832) x 2 + (1268 x 1868 x 832) x 2	(948 x 1868 x 832) x 1 + (1268 x 1868 x 832) x 3	(1268 x 1868 x 832) x 4	
Operating Temp. Range	Cooling	℃	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	
	Heating	℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	

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DVM Specification - Indoor Units



Mini DVM DIGITAL VARIABLE MULTI

- High Energy Efficiency
- Compact Design
- Easy Maintenance
- High Reliability
- Various Indoor Units
- Wide Compatibility

Mini DVM			RVXMHF040EA	RVXMHF050EA	RVXMHF050GA	RVXMHF060GA	
Model	Horse Power		HP	4	5	5	6
			kW	12.5	14.0	14.0	16.0
Performance	Capacity	Cooling	Btu/h	42,700	47,800	47,800	54,600
			kW	14.5	16.0	16.0	18.0
	Heating	Btu/h	49,400	54,600	54,600	61,500	
		kW	19.0	22.4	8.5	11.0	
Power	Nominal Running Current	Cooling	kW	18.0	20.1	7.8	9.9
			Heating	3.75	4.60	4.61	5.24
	Nominal Input	Cooling	kW	3.58	4.13	4.13	4.82
			Heating	30	30	20	20
Circuit Breaker	(MCCB/ELB)	A	1/220~240/50	1/220~240/50	3/380~415/50	3/380~415/50	
Power Supply			ø/V/Hz	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Mode			-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
COP	Cooling		-	3.33	3.04	3.04	3.05
	Heating		-	3.91	3.87	3.87	3.73
Compressor	Type		-	Digital Scroll	Digital Scroll	Digital Scroll	Digital Scroll
	Piston Displacement		cc/Rev	58.10	62.98	67.13	77.20
	Output		kW	5.0	5.4	5.75	6.65
	Lubricant	Type		-	3MAF POE	3MAF POE	3MAF POE
Charging		cc	1,893	1,893	1,893	1,774	
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output		W	200x2	200x2	200x2	200x2
	Airflow Rate		m ³ /min	105	105	105	105
Piping Connections	Liquid(Flare)	Max.Length	ø,mm	9.52	9.52	9.52	9.52
			Gas(Flare)	ø,mm	15.88	15.88	15.88
	Installation		m	100	100	100	100
	Limitation		m	30	30	30	30
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	5.5	5.5	5.5	5.5
Sound	Sound Pressure (Cooling/Heating)		dB(A)	55/56	55/57	55/57	57/60
	Net Weight		kg	124	125	125	125
Set Size	Shipping Weight		kg	132	133	133	133
	Net Dimensions (WxGxD)		mm	932x1, 128x375	932x1, 128x375	932x1, 128x375	932x1, 128x375
	Shipping Dimensions (WxGxD)		mm	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472	1,091x1,286x472
Operating Temp. Range	Cooling		°C	-5~43	-5~43	-5~43	-5~43
	Heating		°C	-20~24	-20~24	-20~24	-20~24

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DVM Specification - Indoor Units



4Way Cassette S

- Filter Cleaning Robot (Optional)
- S-Plasma ion (Optional)
- Motion Detect Sensor (Optional)
- Individual Blade Control



Model	ND0454HXEA		ND0564HXEA		ND0714HXEA		ND0904HXEA		ND1124HXEA		ND1284HXEA		ND1404HXEA					
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		4.5		5.6		7.1		9.0		11.2		12.8		14.0	
			Btu/h		15,400		19,100		24,200		30,700		38,200		47,800		54,600	
	Heating	kW		5.0		6.3		8.0		10.0		12.5		13.8		16.0		
		Btu/h		17,100		21,500		27,300		34,100		42,700		47,100		54,600		
Power	Power Input (Nominal)	Cooling	W		40		40		45		50		50		65		80	
		Heating	W		40		40		45		50		50		65		80	
	Current Input (Nominal)	Cooling	A		0.19		0.19		0.21		0.23		0.23		0.30		0.36	
		Heating	A		0.19		0.19		0.21		0.23		0.23		0.30		0.36	
Fan	Motor	Type	-		Turbo Fan / BLDC		Turbo Fan / BLDC		Turbo Fan / BLDC		Turbo Fan / BLDC		Turbo Fan / BLDC		Turbo Fan / BLDC			
		Output	W		-		-		-		-		-		-			
	Air Flow Rate	High / Mid / Low	CMM		14.5		15.0		17.0		19.5		26.0		28.0		30.0	
	External Static Pressure	Min. / Std. / Max.	mmAq		-		-		-		-		-		-		-	
Pa		-		-		-		-		-		-		-				
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	12.7		12.7		15.88		15.88		15.88		15.88		15.88			
		Φ, inch	1/2		1/2		5/8		5/8		5/8		5/8		5/8			
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)				
Field Wiring	Power Source Wire	mm ²		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5				
	Transmission Cable	mm ²		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5				
Refrigerant	Type	-		R410a		R410a		R410a		R410a		R410a		R410a				
	Control Method	-		EEV		EEV		EEV		EEV		EEV		EEV				
Sound	Sound Pressure	High / Low	dB(A)		34/29		34/30		36/30		39/32		39/32		41/35		45/38	
		Net Weight	kg		15.1		15.1		15.1		17		17		18.7		18.7	
Dimensions	Shipping Weight	kg		19.1		19.1		19.1		20.5		22.8		22.8				
		Net Dimensions (WxHxD)	mm		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			
	Shipping Dimensions (WxHxD)		mm		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 Model	-		PC4NUSKA		PC4NUSKA		PC4NUSKA		PC4NUSKA		PC4NUSKA		PC4NUSKA			
Panel Size	Panel Net Weight	kg		6.7		6.7		6.7		6.7		6.7		6.7				
		Shipping Weight	kg		8.9		8.9		8.9		8.9		8.9		8.9			
	Net Dimensions (WxHxD)		mm		950 x 30 x 950		950 x 30 x 950		950 x 30 x 950		950 x 30 x 950		950 x 30 x 950		950 x 30 x 950			
		Shipping Dimensions (WxHxD)	mm		1042 x 93 x 1042		1042 x 93 x 1042		1042 x 93 x 1042		1042 x 93 x 1042		1042 x 93 x 1042		1042 x 93 x 1042			
Additional Accessories	Drain Pump		Drain Pump	-		Built-in		Built-in		Built-in		Built-in		Built-in				
		Max. Lifting Height / Displacement	mm / liter/h		750 / 24		750 / 24		750 / 24		750 / 24		750 / 24					
	Air Filter	-		Long life filter		Long life filter		Long life filter		Long life filter		Long life filter						

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Optional Accessories



DVM Specification - Indoor Units



Mini 4Way Cassette

- Ideal Compact Size
- Fan Speed Adjustment



Model		AVXCMH028EE	AVXCMH036EE	AVXCMH056EE	AVXCMH060EE		
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	2.8	3.6	5.6	6.0
		Btu/h	9,600	12,300	19,100	20,500	
	Heating	kW	3.2	4.0	6.3	6.8	
		Btu/h	10,900	13,600	21,500	23,200	
Power	Power Input (Nominal)	Cooling	W	90	90	95	100
		Heating	W	90	90	95	100
	Current Input (Nominal)	Cooling	A	0.50	0.50	0.52	0.55
		Heating	A	0.50	0.50	0.52	0.55
Fan	Motor	Type	-	Turbo Fan / SSR	Turbo Fan / SSR	Turbo Fan / SSR	Turbo Fan / SSR
		Output	W	80	80	80	80
	Air Flow Rate	High / Mid / Low	CMM	10.1 / 9.1 / 8.1	10.3 / 9.3 / 8.3	13 / 12 / 11	13.5 / 12.5 / 11.5
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	
		Φ, inch	1/4	1/4	1/4	1/4	
	Gas Pipe	Φ, mm	12.7	12.7	12.7	12.7	
		Φ, inch	1/2	1/2	1/2	1/2	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
Field Wiring	Power Source Wire	mm ²	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	
	Transmission Cable	mm ²	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	
	Control Method	-	EEV	EEV	EEV	EEV	
Sound	Sound Pressure	High / Low	dBA	30 / 25	34 / 27	41 / 33	41 / 33
	Net Weight	kg	17	17	17	17	
Dimensions	Shipping Weight	kg	20	20	20	20	
	Net Dimensions (WxHxD)	mm	575 x 260 x 575	575 x 260 x 575	575 x 260 x 575	575 x 260 x 575	
		Shipping Dimensions (WxHxD)	mm	660 x 310 x 635	660 x 310 x 635	660 x 310 x 635	660 x 310 x 635
	Panel Size	Panel Model	-	PMSMA	PMSMA	PMSMA	PMSMA
Panel Net Weight		kg	3.5	3.5	3.5	3.5	
Shipping Weight		kg	6.2	6.2	6.2	6.2	
Net Dimensions (WxHxD)		mm	670 x 35 x 670	670 x 35 x 670	670 x 35 x 670	670 x 35 x 670	
	Shipping Dimensions (WxHxD)	mm	717 x 93 x 717	717 x 93 x 717	717 x 93 x 717	717 x 93 x 717	
Additional Accessories	Drain Pump	Drain Pump	-	Built-in	Built-in	Built-in	Built-in
	Max. Lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	750 / 24	750 / 24	
Air Filter	-	Long life filter	Long life filter	Long life filter	Long life filter		

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Optional Accessories



Slim 1Way Cassette

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



Model		AVXCSH022EE	AVXCSH028EE	AVXCSH036EE		
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	2.2	2.8	3.6
		Btu/h	7,500	9,600	12,300	
	Heating	kW	2.5	3.2	4.0	
		Btu/h	8,500	10,900	13,600	
Power	Power Input (Nominal)	Cooling	W	40	45	50
		Heating	W	40	45	50
	Current Input (Nominal)	Cooling	A	0.20	0.23	0.25
		Heating	A	0.20	0.23	0.25
Fan	Motor	Type	-	Crossflow Fan / SSR	Crossflow Fan / SSR	Crossflow Fan / SSR
		Output	W	23	23	23
	Air Flow Rate	High / Mid / Low	CMM	6 / 5 / 4	7 / 6 / 5	8 / 7 / 6
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	
		Φ, inch	1/4	1/4	1/4	
	Gas Pipe	Φ, mm	12.7	12.7	12.7	
		Φ, inch	1/2	1/2	1/2	
Drain Pipe	Φ, mm	VP20 (OD 25, ID 20)	VP20 (OD 25, ID 20)	VP20 (OD 25, ID 20)		
Field Wiring	Power Source Wire	mm ²	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	
	Transmission Cable	mm ²	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	
Refrigerant	Type	-	R410a	R410a	R410a	
	Control Method	-	EEV	EEV	EEV	
Sound	Sound Pressure	High / Low	dBA	30 / 25	30 / 25	32 / 27
	Net Weight	kg	11	11	11	
Dimensions	Shipping Weight	kg	14	14	14	
	Net Dimensions (WxHxD)	mm	970 x 135 x 410	970 x 135 x 410	970 x 135 x 410	
		Shipping Dimensions (WxHxD)	mm	1164 x 212 x 478	1164 x 212 x 478	1164 x 212 x 478
	Panel Size	Panel Model	-	PSSMA	PSSMA	PSSMA
Panel Net Weight		kg	3.0	3.0	3.0	
Shipping Weight		kg	5.0	5.0	5.0	
Net Dimensions (WxHxD)		mm	1180 x 25 x 460	1180 x 25 x 460	1180 x 25 x 460	
	Shipping Dimensions (WxHxD)	mm	1259 x 144 x 539	1259 x 144 x 539	1259 x 144 x 539	
Additional Accessories	Drain Pump	Drain Pump	-	Built-in	Built-in	Built-in
	Max. Lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24	750 / 24	
Air Filter	-	Long life filter	Long life filter	Long life filter		

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Optional Accessories



DVM Specification - Indoor Units



2Way Cassette

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



Model			AVXC2H056EE	AVXC2H071EE	
Power Supply	Φ, #, V, Hz		1, 2, 220-240, 50	1, 2, 220-240, 50	
Mode			HP / HR	HP / HR	
Capacity (Nominal)	Cooling	kW	5.6	7.1	
		Btu/h	19,100	24,200	
	Heating	kW	6.3	8.0	
		Btu/h	21,500	27,300	
Power	Power Input (Nominal)	Cooling	70	75	
		Heating	70	75	
	Current Input (Nominal)	Cooling	0.38	0.40	
		Heating	0.38	0.40	
Fan	Motor	Type	Crossflow Fan / SSR	Crossflow Fan / SSR	
		Output	W	14	
	Air Flow Rate	High / Mid / Low	CMM	14 / 13 / 12	15 / 14 / 13
		External Static Pressure	Min. / Std. / Max.	mmAq	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	
		Φ, inch	1/4	3/8	
	Gas Pipe	Φ, mm	12.7	15.88	
		Φ, inch	1/2	5/8	
Field Wiring	Power Source Wire	mm ²	1.5 / 2.5	1.5 / 2.5	
		Transmission Cable	mm ²	0.75 / 1.5	0.75 / 1.5
	Refrigerant	Type	-	R410a	R410a
		Control Method	-	EEV	EEV
Sound	Sound Pressure	High / Low	dBA	36 / 28	38 / 28
		Net Weight	kg	21	21
	Dimensions	Shipping Weight	kg	25	25
		Net Dimensions (WxHxD)	mm	890 x 230 x 575	890 x 230 x 575
Panel Size	Panel Model	-	P2SMA	P2SMA	
		Panel Net Weight	kg	4.0	4.0
	Shipping Weight	kg	8.0	8.0	
		Net Dimensions (WxHxD)	mm	1030 x 25 x 650	1030 x 25 x 650
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	750 / 24	750 / 24
		Air Filter	-	Long life filter	Long life filter

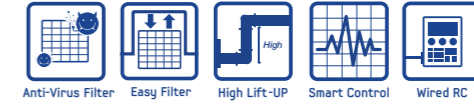
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Optional Accessories



Slim Duct

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



Model			ND022LHXEA	ND028LHXEA	ND036LHXEA	
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	
Capacity (Nominal)	Cooling	kW	2.2	2.8	3.6	
		Btu/h	7,500	9,600	12,300	
	Heating	kW	2.5	3.2	4.0	
		Btu/h	8,500	10,900	13,600	
Power	Power Input (Nominal)	Cooling	80	80	80	
		Heating	80	80	80	
	Current Input (Nominal)	Cooling	0.40	0.40	0.40	
		Heating	0.40	0.40	0.40	
Fan	Motor	Type	Sirroco Fan / SSR	Sirroco Fan / SSR	Sirroco Fan / SSR	
		Output	W	-	-	
	Air Flow Rate	High / Mid / Low	CMM	8 / 7 / 6	9 / 8 / 7	10 / 8.5 / 7
		External Static Pressure	Min. / Std. / Max.	mmAq	0 / 2 / 4	0 / 2 / 4
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	
		Φ, inch	1/4	1/4	1/4	
	Gas Pipe	Φ, mm	12.7	12.7	12.7	
		Φ, inch	1/2	1/2	1/2	
Field Wiring	Power Source Wire	mm ²	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	
		Transmission Cable	mm ²	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5
	Refrigerant	Type	-	R410a	R410a	
		Control Method	-	EEV	EEV	
Sound	Sound Pressure	High / Low	dBA	31 / 26	32 / 27	
		Net Weight	kg	26	26	
	Dimensions	Shipping Weight	kg	31	31	
		Net Dimensions (WxHxD)	mm	900 x 199 x 600	900 x 199 x 600	
Panel Size	Panel Model	-	-	-		
		Panel Net Weight	kg	-	-	
	Shipping Weight	kg	-	-		
		Net Dimensions (WxHxD)	mm	1133 x 330 x 730	1133 x 330 x 730	
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	Optional / MDP-E075SEE3	Optional / MDP-E075SEE3	
		Air Filter	-	Long life filter	Long life filter	

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Optional Accessories

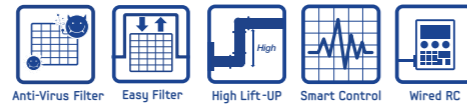


DVM Specification - Indoor Units



Slim Duct

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



Model	ND045LHXEA		ND056LHXEA		ND071LHXEA		ND090LHXEA		ND112LHXEA		ND128LHXEA		ND140LHXEA	
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	
Capacity (Nominal)	Cooling	kW	4.5		5.6		7.1		9.0		11.2		12.8	
		Btu/h	15,400		19,100		24,200		30,700		38,200		47,800	
	Heating	kW	5.0		6.3		8.0		10.0		12.5		13.8	
		Btu/h	17,100		21,500		27,300		34,100		42,700		47,100	
Power	Power Input (Nominal)	Cooling	90		100		120		170		200		220	
		Heating	90		100		120		170		200		220	
	Current Input (Nominal)	Cooling	0.60		0.60		0.60		0.96		0.96		1.13	
		Heating	0.60		0.60		0.60		0.96		0.96		1.13	
Fan	Motor	Type	Sirroco Fan / SSR		Sirroco Fan / SSR		Sirroco Fan / SSR		Sirroco Fan / BLDC		Sirroco Fan / BLDC		Sirroco Fan / BLDC	
		Output	-		-		-		-		-		-	
	Air Flow Rate	High / Mid / Low	CMM 14.5 / 13 / 11.5		15.5 / 14 / 12.5		16.5 / 15 / 13.5		29 / 27 / 25		31.2 / 29 / 27		34 / 32 / 30	
			mmAq 0 / 2 / 4		0 / 2 / 4		0 / 2 / 4		0 / 2 / 4		0 / 2 / 4		0 / 2 / 4	
External Static Pressure	Min. / Std. / Max.	Pa 0 / 19.6 / 39.2		0 / 19.6 / 39.2		0 / 19.6 / 39.2		0 / 19.6 / 39.2		0 / 19.6 / 39.2		0 / 19.6 / 39.2		
		-		-		-		-		-		-		
Piping Connections	Liquid Pipe	Φ, mm	6.35		6.35		9.52		9.52		9.52		9.52	
		Φ, inch	1/4		1/4		3/8		3/8		3/8		3/8	
	Gas Pipe	Φ, mm	12.7		12.7		15.88		15.88		15.88		15.88	
		Φ, inch	1/2		1/2		5/8		5/8		5/8		5/8	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		
	Φ, mm	1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		
Field Wiring	Power Source Wire	mm ² 0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		
	Transmission Cable	mm ² 0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		
Refrigerant	Type	R410a		R410a		R410a		R410a		R410a		R410a		
	Control Method	EEV		EEV		EEV		EEV		EEV		EEV		
Sound	Sound Pressure	High / Low	dBA 33 / 30		33 / 30		36 / 32		40 / 36		40 / 36		41 / 38	
			-		-		-		-		-		-	
Dimensions	Net Weight	kg	31		31		31		43		43		46	
			39		39		39		52		52		55	
	Net Dimensions (WxHxD)	mm	1100 x 199 x 600		1100 x 199 x 600		1100 x 199 x 600		1300 x 295 x 690		1300 x 295 x 690		1300 x 295 x 690	
			1330 x 330 x 730		1330 x 330 x 730		1330 x 330 x 730		1600 x 444 x 831		1600 x 444 x 831		1600 x 444 x 831	
Panel Size	Shipping Weight	kg	-		-		-		-		-		-	
			-		-		-		-		-		-	
	Net Dimensions (WxHxD)	mm	-		-		-		-		-		-	
			-		-		-		-		-		-	
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h		750 / 24		750 / 24		750 / 24		750 / 24		750 / 24	
			-		-		-		-		-		-	
Air Filter	-	Long life filter		Long life filter		Long life filter		Long life filter		Long life filter		Long life filter		
		-		-		-		-		-		-		

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00



MRK-A00



MRW-10A

Drain Pump



MDP-E075SEE3

DVM Specification - Indoor Units



HSP / MSP Duct

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



HSP

MSP

Model	ND112HHXEA	ND128HHXEA	ND140HHXEA	AVXDUH056EE	AVXDUH071EE	AVXDUH090EE	AVXDUH112EE	AVXDUH128EE	AVXDUH140EE			
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			
Mode	-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR			
Capacity (Nominal)	Cooling	kW	11.2	12.8	14.0	5.6	7.1	9.0	11.2	12.8	14.0	
		Btu/h	38,200	43,700	47,000	19,100	24,200	30,700	38,200	43,700	47,800	
	Heating	kW	12.5	13.8	16.8	6.3	8.0	10.0	12.5	13.8	16.0	
		Btu/h	42,700	47,100	54,600	21,500	27,300	34,100	42,700	47,100	54,600	
Power	Power Input (Nominal)	Cooling	420	480	610	130	190	240	260	370	410	
		Heating	420	480	610	130	190	240	260	370	410	
	Current Input (Nominal)	Cooling	2.5	2.5	3.2	1.10	1.25	1.30	1.17	1.67	1.86	
		Heating	2.5	2.5	3.2	1.10	1.25	1.30	1.17	1.67	1.86	
Fan	Motor	Type	Sirocco Fan / SSR	Sirocco Fan / SSR	Sirocco Fan / SSR	Sirocco Fan / SSR	Sirocco Fan / SSR	Sirocco Fan / SSR	Sirocco Fan / SSR	Sirocco Fan / SSR		
		Output	400	400	500	124	124	130	130	218	218	
	Air Flow Rate	High / Mid / Low	CMM	31 / 27 / 23	35 / 31 / 28	39 / 35 / 31	14.5 / 13 / 11.5	18.5 / 17 / 15.5	19.5 / 18 / 16.5	27 / 25 / 23	32 / 30 / 28	37 / 34 / 31
		mmAq	5 / 10 / 20	5 / 10 / 20	5 / 10 / 20	0 / 4 / 8	0 / 4 / 8	4 / 6 / 8	6 / 8 / 12	6 / 8 / 14	6 / 8 / 14	
External Static Pressure	Min. / Std. / Max.	Pa	49.0 / 98.1 / 196.1	49.0 / 98.1 / 196.1	49.0 / 98.1 / 196.1	0 / 39.2 / 78.5	0 / 39.2 / 78.5	39.2 / 58.8 / 78.5	58.8 / 78.5 / 117.7	58.8 / 78.5 / 137.7	58.8 / 78.5 / 137.7	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	6.35	9.52	9.52	9.52	9.52	9.52	
		Φ, inch	3/8	3/8	3/8	1/4	3/8	3/8	3/8	3/8	3/8	
	Gas Pipe	Φ, mm	15.88	15.88	15.88	12.7	15.88	15.88	15.88	15.88	15.88	
		Φ, inch	5/8	5/8	5/8	1/2	5/8	5/8	5/8	5/8	5/8	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
Field Wiring	Power Source Wire	mm ²	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5		
	Transmission Cable	mm ²	0.75 / 1.5	VCTF 0.75 / VCTF 1.5	VCTF 0.75 / VCTF 1.5	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	VCTF 0.75 / VCTF 1.5	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a		
	Control Method	-	EEV	EEV	EEV	EEV	EEV	EEV	EEV	EEV		
Sound	Sound Pressure	High / Low	dBA	43 / 39	44 / 40	45 / 41	37 / 33	39 / 35	39 / 35	39 / 35	43 / 38	
		Net Weight	kg	70	70	70	31	31	35	39	52	52
Dimensions	Shipping Weight	kg	75	75	75	36	36	41	46	60	60	
		Net Dimensions (WxHxD)	mm	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	900 x 260 x 480	900 x 260 x 480	1150 x 260 x 480	1150 x 320 x 480	1200 x 360 x 650	1200 x 360 x 650
	Shipping Dimensions (WxHxD)	mm	1147 x 425 x 769	1147 x 425 x 769	1147 x 425 x 769	1146 x 345 x 584	1146 x 345 x 584	1390 x 345 x 584	1390 x 420 x 584	1447 x 425 x 769	1447 x 425 x 769	
		Panel Model	-	-	-	-	-	-	-	-	-	
Panel Size	Panel Net Weight	kg	-	-	-	-	-	-	-	-		
		Shipping Weight	kg	-	-	-	-	-	-	-	-	
	Net Dimensions (WxHxD)	mm	-	-	-	-	-	-	-	-	-	
		Shipping Dimensions (WxHxD)	mm	-	-	-	-	-	-	-	-	
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	Optional / MDP-M075SGU2	Optional / MDP-M075SGU2	Optional / MDP-M075SGU2	Optional / MDP-E075SGU3	Optional / MDP-E075SGU3	Optional / MDP-E075SGU1	Optional / MDP-E075SGU1	Optional / MDP-M075SGU2	Optional / MDP-M075SGU2
		Air Filter	-	-	-	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	

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Optional Accessories

■ Individual Controllers



■ Drain Pump



MDP-M075SGU1
MDP-M075SGU2
MDP-M075SGU3

DVM Specification - Indoor Units



Neo Forte

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



Model			AVXWNH022EE	AVXWNH028EE	AVXWNH036E*	AVXWNH056EE	AVXWNH071EE	
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	
Capacity (Nominal)	Cooling	kW	2.2	2.8	3.6	5.6	6.8	
		Btu/h	7,500	9,600	12,300	19,100	23,200	
	Heating	kW	2.5	3.2	4.0	6.3	7.0	
		Btu/h	8,500	10,900	13,600	21,500	23,900	
Power	Power Input (Nominal)	Cooling	25	25	30	45	50	
		Heating	25	25	30	45	50	
	Current Input (Nominal)	Cooling	0.13	0.18	0.19	0.30	0.30	
		Heating	0.13	0.18	0.19	0.30	0.30	
Fan	Motor	Type	Crossflow Fan / SSR	Crossflow Fan / SSR	Crossflow Fan / SSR	Crossflow Fan / SSR	Crossflow Fan / SSR	
		Output	23	23	23	40	40	
	Air Flow Rate	High / Mid / Low	CMM	7.8 / 6.8 / 5.8	8.2 / 7.2 / 6.2	9.3 / 8.3 / 7.3	12 / 10.5 / 9	14 / 12.5 / 11
		External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-
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	12.7	12.7	12.7	12.7	15.88	
		Φ, inch	1/2	1/2	1/2	1/2	5/8	
Field Wiring	Power Source Wire	Φ, mm	VP18 (OD, ID)	VP18 (OD, ID)	VP18 (OD, ID)	VP18 (OD, ID)	VP18 (OD, ID)	
		mm ²	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	
	Transmission Cable	mm ²	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	
		Type	R410a	R410a	R410a	R410a	R410a	
Refrigerant	Control Method	-	EEV (External)	EEV (External)	EEV (External)	EEV (External)	EEV (External)	
	Sound Pressure	High / Low	dBA	32 / 23	32 / 23	36 / 23	40 / 30	41 / 30
Dimensions	Net Weight	kg	8	8	8	13	13	
		Shipping Weight	kg	9	9	9	15	15
	Net Dimensions (WxHxD)	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 (WxHxD)	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 (WxHxD)	mm	-	-	-	-	
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	
		Air Filter	-	Long life filter	Long life filter	Long life filter	Long life filter	

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Optional Accessories

- Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00

Standard Accessories

- Individual Controllers



DVM Specification - Indoor Units



Neo Forte - E

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



Model	ND022QHxEA		ND028QHxEA		ND036QHxEA		ND045QHxEA		ND056QHxEA		ND071QHxEA			
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		
Capacity (Nominal)	Cooling	kW	2.2		2.8		3.6		4.5		5.6		6.8	
		Btu/h	7,500		9,600		12,300		15,300		19,100		23,200	
	Heating	kW	2.5		3.2		4.0		5.0		6.3		7.0	
		Btu/h	8,500		10,900		13,600		17,000		21,500		23,900	
Power	Power Input (Nominal)	Cooling	25		25		30		40		45		50	
		Heating	25		25		30		-		45		50	
	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 / SSR		Crossflow Fan / SSR		Crossflow Fan / SSR		Crossflow Fan / SSR		Crossflow Fan / SSR		Crossflow Fan / SSR	
		Output	23		23		23		40		40		40	
	Air Flow Rate	High / Mid / Low	CMM 7.8 / 6.8 / 5.8		CMM 8.2 / 7.2 / 6.2		CMM 9.3 / 8.3 / 7.3		CMM 11.7 / 10.2 / 8.7		CMM 12 / 10.5 / 9		CMM 14 / 12.5 / 11	
		External Static Pressure	Min. / Std. / Max.	mmAq -		mmAq -		mmAq -		mmAq -		mmAq -		mmAq -
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	12.7		12.7		12.7		12.7		12.7		15.88	
		Φ, inch	1/2		1/2		1/2		1/2		1/2		5/8	
Field Wiring	Power Source Wire	Φ, mm	VP18 (OD, ID)		VP18 (OD, ID)		VP18 (OD, ID)		VP18 (OD, ID)		VP18 (OD, ID)		VP18 (OD, ID)	
		mm ²	1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5		1.5 / 2.5	
	Transmission Cable	mm ²	0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5		0.75 / 1.5	
		Type	R410a		R410a		R410a		R410a		R410a		R410a	
Refrigerant	Control Method	EEV		EEV		EEV		EEV		EEV		EEV		
	Sound Pressure	High / Low	dBA 35 / 26		dBA 35 / 26		dBA 39 / 26		dBA 39 / 33		dBA 42 / 33		dBA 44 / 33	
Dimensions	Net Weight	kg	8		8		8		13		13		13	
	Shipping Weight	kg	9		9		9		16		16		16	
	Net Dimensions (WxHxD)	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 (WxHxD)	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 (WxHxD)	mm	-		-		-		-		-		-	
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	Long life filter		Long life filter		Long life filter		Long life filter		Long life filter		Long life filter	

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Optional Accessories

- Individual Controllers



Standard Accessories

- Individual Controllers

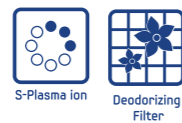


DVM Specification - Indoor Units



Vivace

- Shadow Mirror
- Hidden Display
- Trim-less Design



Model			AVXWVH022EE	AVXWVH028EE	AVXWVH036EE	AVXWVH056EE	AVXWVH071EE	
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	
Capacity (Nominal)	Cooling	kW	2.2	2.8	3.6	5.6	6.8	
		Btu/h	7,500	9,600	12,300	19,100	23,200	
	Heating	kW	2.5	3.2	4.0	6.3	7.0	
		Btu/h	8,500	10,900	13,600	21,500	23,900	
Power	Power Input (Nominal)	Cooling	30	30	35	50	50	
		Heating	30	30	35	50	50	
	Current Input (Nominal)	Cooling	0.13	0.18	0.19	0.30	0.30	
		Heating	0.13	0.18	0.19	0.30	0.30	
Fan	Motor	Type	Crossflow Fan / SSR		Crossflow Fan / SSR		Crossflow Fan / SSR	
		Output	23		23		42	
	Air Flow Rate	High / Mid / Low	7 / 6 / 5		7.5 / 6.5 / 5.5		8.2 / 7.2 / 6.2	
		External Static Pressure	Min. / Std. / Max.	-		-		-
Piping Connections	Liquid Pipe	Φ, mm	6.35		6.35		9.52	
		Φ, inch	1/4		1/4		3/8	
	Gas Pipe	Φ, mm	12.7		12.7		12.7	
		Φ, inch	1/2		1/2		1/2	
Field Wiring	Power Source Wire	Φ, mm	VP18 (OD, ID)		VP18 (OD, ID)		VP18 (OD, ID)	
		mm ²	1.5 / 2.5		1.5 / 2.5		1.5 / 2.5	
	Transmission Cable	mm ²	0.75 / 1.5		0.75 / 1.5		0.75 / 1.5	
		Type	R410a		R410a		R410a	
Refrigerant	Control Method		EEV (External)		EEV (External)		EEV (External)	
	Sound	Sound Pressure High / Low	dBA		31 / 21		35 / 21	
kg			9		9			
Dimensions	Net Weight	kg		9		9		
		kg		12		12		
	Shipping Weight	kg		12		12		
		kg		12		12		
Panel Size	Net Dimensions (WxHxD)	mm		825 x 285 x 189		825 x 285 x 189		
		mm		825 x 285 x 189		825 x 285 x 189		
	Shipping Dimensions (WxHxD)	mm		900 x 349 x 252		900 x 349 x 252		
		mm		900 x 349 x 252		900 x 349 x 252		
Additional Accessories	Drain Pump	mm / liter/h		-		-		
		mm / liter/h		-		-		
	Air Filter	-		Long life filter		Long life filter		
		-		Long life filter		Long life filter		

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Optional Accessories

- Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00

Standard Accessories

- Individual Controllers

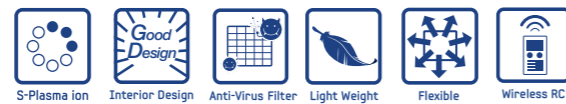


DVM Specification - Indoor Units



Console

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



Model			AVXTJH028EE	AVXTJH036EE	AVXTJH056EE	
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	
Capacity (Nominal)	Cooling	kW	2.8	3.6	5.6	
		Btu/h	9,600	12,300	19,100	
	Heating	kW	3.2	4.0	6.3	
		Btu/h	10,900	13,600	21,500	
Power	Power Input (Nominal)	Cooling	30	35	62	
		Heating	30	35	62	
	Current Input (Nominal)	Cooling	0.25	0.29	0.49	
		Heating	0.25	0.29	0.49	
Fan	Motor	Type	Turbo Fan / BLDC	Turbo Fan / BLDC	Turbo Fan / BLDC	
		Output	37	37	37	
	Air Flow Rate	High / Mid / Low	CMM	7 / 6 / 5	8.5 / 7.5 / 6.5	13 / 11.5 / 10
		External Static Pressure	Min. / Std. / Max.	mmAq	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	
		Φ, inch	1/4	1/4	1/4	
	Gas Pipe	Φ, mm	12.7	12.7	12.7	
		Φ, inch	1/2	1/2	1/2	
Field Wiring	Power Source Wire	mm ²	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	
	Transmission Cable	mm ²	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5	
Refrigerant	Type	-	R410a	R410a	R410a	
	Control Method	-	EEV	EEV	EEV	
Sound	Sound Pressure	High / Low	dBA	38 / 23	39 / 24	44 / 25
		Net Weight	kg	15	15	15
	Dimensions	Shipping Weight	kg	20	20	20
		Net Dimensions (WxHxD)	mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
Panel Size	Shipping Weight	kg	-	-	-	
		Net Dimensions (WxHxD)	mm	810 x 710 x 295	810 x 710 x 295	810 x 710 x 295
	Additional Accessories	Drain Pump	mm / liter/h	-	-	-
		Air Filter		Long life filter	Long life filter	Long life filter

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Optional Accessories

- Individual Controllers



Standard Accessories

- Wireless Remote Controller



Ceiling

- 2Way Installation
- Compact but Powerful

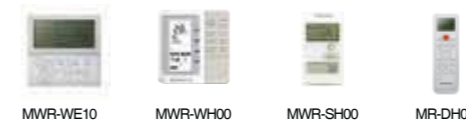


Model			AVXTFH056EE	AVXTFH071EE	
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	
Mode			HP / HR	HP / HR	
Capacity (Nominal)	Cooling	kW	5.6	7.1	
		Btu/h	19,100	24,200	
	Heating	kW	6.3	8.0	
		Btu/h	21,500	27,300	
Power	Power Input (Nominal)	Cooling	72	80	
		Heating	72	80	
	Current Input (Nominal)	Cooling	0.33	0.35	
		Heating	0.33	0.35	
Fan	Motor	Type	Sirocco Fan / AC	Sirocco Fan / AC	
		Output	47	47	
	Air Flow Rate	High / Mid / Low	CMM	14 / 13 / 12	18 / 16.5 / 15
		External Static Pressure	Min. / Std. / Max.	mmAq	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	
		Φ, inch	1/4	3/8	
	Gas Pipe	Φ, mm	12.7	15.88	
		Φ, inch	1/2	5/8	
Field Wiring	Power Source Wire	mm ²	1.5 / 2.5	1.5 / 2.5	
	Transmission Cable	mm ²	0.75 / 1.5	0.75 / 1.5	
Refrigerant	Type	-	R410a	R410a	
	Control Method	-	EEV (External)	EEV (External)	
Sound	Sound Pressure	High / Low	dBA	38 / 32	41 / 36
		Net Weight	kg	22	22
	Dimensions	Shipping Weight	kg	26	26
		Net Dimensions (WxHxD)	mm	1000 x 650 x 200	1000 x 650 x 200
Panel Size	Shipping Weight	kg	-	-	
		Net Dimensions (WxHxD)	mm	1074 x 726 x 294	1074 x 726 x 294
	Additional Accessories	Drain Pump	mm / liter/h	-	-
		Air Filter		Long life filter	Long life filter

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Optional Accessories

- Individual Controllers



Standard Accessories

- Wireless Remote Controller



DVM Specification - ERV



ERV PLUS

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

Model			RHF050KHEA	RHF100KHEA	
Power Supply	Φ, #, V, Hz		1, 2, 220-240, 50	1, 2, 220-240, 50	
Performance	Temperature Exchange Efficiency	Cooling	70.0	70.0	
		Heating	75.0	75.0	
	Effective Enthalpy Exchange Efficiency	Cooling	60.0	62.0	
		Heating	73.0	75.0	
	Outside Air Processing Capacity (DX + Element)	Cooling (Element)	kW	5.1 (1.5)	10.5 (3.4)
Heating (Element)		kW	6.5 (2.5)	13.2 (5.2)	
Fan	Air Flow Rate	H/M/L (UL)	CMH	500.0	1000.0
			CFH	250 / 210 / 180	250 / 210 / 180
			mmAq	160.0	150.0
	External Pressure	Min / Std / Max	Pa	-	-
			WG	-	-
Motor	Type		BLDC	BLDC	
	Output	W			
	Number of unit	EA	2	2	
Power	Power Input	High	W	220	510
		Mid			
		Low			
	Current Input	High	A	1.70	3.70
Mid					
Low					
Piping Connections	Liquid Pipe	Φ, mm	6.4	6.4	
		Φ, inch	1/4	1/4	
	Gas Pipe	Φ, mm	12.7	12.7	
		Φ, inch	1/2	1/2	
	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
		Φ, inch	VP25 (OD 1-1/4", ID 1")	VP25 (OD 1-1/4", ID 1")	
Water Supply	Φ, mm				
	Φ, inch	1/2 inch	1/2 inch		
Field Wiring	Power Source Wire	mm ²	CV 1.5 / CV 2.5	CV 1.5 / CV 2.5	
	Transmission Cable	mm ²	VCTF 0.75 / VCTF 1.5	VCTF 0.75 / VCTF 1.5	
Refrigerant	Type	-	R410a	R410a	
	Control Method	-	EEV	EEV	
Sound	Sound Pressure	High / Low	dBA	38.5	40.5
Dimensions	Net Weight		kg	61.0	90.0
	Shipping Weight		kg	75.2	107.5
	Net Dimensions (WxHxD)		mm	1553 x 270 x 1000	1763 x 340 x 1135
	Shipping Dimensions (WxHxD)		mm	1847 x 349 x 1300	2027 x 428 x 1424
	Supply/Return/Exhaust/Outside Duct Flange (Φ)		mm	200	250
Accessories	Air Filter			High Efficiency Filter (PP)	High Efficiency Filter (PP)
Optional Accessories	Type		-	Natural Evaporating Type	Natural Evaporating Type
		Qty	EA	1	1
	Humidifier	Amount	kg/h	2.7	5.4
		Pressure Feed Water	MPa	0.02-0.49	0.02-0.49
	SPI		-	ASD-EAC1	ASD-EAC1
	CO ₂		-	AOS-C1	AOS-C1
Humidity Sensor		-	Option	Option	
Ambient Condition	Around Unit		-	0 ~ 40℃ DB, 80% RH or Less	0 ~ 40℃ DB, 80% RH or Less
	OA		-	-15 ~ 40℃ DB, 80% RH or Less	-15 ~ 40℃ DB, 80% RH or Less
	RA		-	0 ~ 40℃ DB, 80% RH or Less	0 ~ 40℃ DB, 80% RH or Less



ERV

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

Model		RHF025EE	RHF035EE	RHF050EE	RHF080EE	RHF100EE
Voltage	V	220-240	220-240	220-240	220-240	220-240
Frequency	Hz	50/60	50/60	50/60	50/60	50/60
Air Volume	/hr	250	350	500	800	1,000
External Static Pressur	Pa	110	155	165	155	155
Leakage Rate	%	10	10	10	10	10
Power Input	W	115	115	175	330	450
Current	A	0.7	0.7	1.1	2.1	2.9
Temperature Exchange	Cooling	%	70	70	70	70
	Heating	%	70	70	70	70
Efficiency	Heating	%	70	70	70	70
Effective Enthalpy	Cooling	%	50	50	50	50
Exchange Efficiency	Heating	%	70	70	70	70
Sound Level (Turbo/Low)	dB(A)	27/22	31/24	32/25	33/29	37/32
Dust Collection Method		- High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)	High efficiency filter(PP)
Net Dimensions(WxHxD)	mm	600x350x660	1,012x270x1,000	1,012x270x1,000	1,220x340x1,135	1,220x340x1,135
Gross Dimensions (WxHxD)	mm	760x400x807	1,299x337x1,183	1,299x337x1,183	1,299x337x1,183	1,299x337x1,183
Weight (Net/Gross)	kg	25.5/30	42.5/53.5	42.5/53.5	67/75.5	67/75.5
Duct Diameter	ø,mm	150	200	200	250	250

EHS Lineup & Feature



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 Specification



Outdoor Unit

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

Outdoor Unit	Model		RD060PHXEA	RD070PHXEA	RD080PHXEA	RD110PHXEA	RD140PHXEA	RD160PHXEA
	Function		-	-	-	-	-	-
	Hydro Unit Combination		A2A/A2W multi	A2A/A2W multi	A2A/A2W multi	A2A/A2W multi	A2A/A2W multi	A2A/A2W multi
			NH080PHXEA	NH080PHXEA	NH080PHXEA	NH160PHXEA	NH160PHXEA	NH160PHXEA
	Power Supply	Ø/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50	1/230/50
	Max Operating Current	Trip	A	13.5	16	18	25	28
	Recommended MCCB		A	25	25	25	40	40
	Normal Capacity	Heating	W	6,000	7,000	8,000	11,000	14,000
		Cooling	W	7,000	7,500	8,000	11,300	14,200
	Normal Input	Heating	W	1,305	1,590	1,925	2,420	3,210
		Cooling	W	1,945	2,205	2,540	2,900	3,940
	COP or EER	Heating	W/W	4.60	4.40	4.15	4.55	4.36
		Cooling	W/W	3.60	3.40	3.15	3.90	3.60
	ESEER	W/W	5.20	5.50	4.90	5.96	5.66	
	Normal Capacity	Heating	W	5,300	6,200	7,200	10,000	12,900
		Cooling	W	5,000	5,300	5,800	8,500	10,200
	Normal Input	Heating	W	1,555	1,875	2,250	2,860	3,850
		Cooling	W	1,850	2,040	2,320	2,700	3,520
	COP or EER	Heating	W/W	3.40	3.30	3.20	3.50	3.35
		Cooling	W/W	2.70	2.60	2.50	3.15	2.90
	ESEER	W/W	3.60	3.70	3.70	4.91	4.82	
	COP or EER (A2A)	Heating	W/W	4.04	4.04	4.04	3.94	3.94
		Cooling	W/W	3.21	3.21	3.21	3.46	3.46
	Max. A2A Indoor Connection (Cooling)	Max. Number	EA	3	3	3	4	4
		Max. Capa.	kW	6.0	7.0	8.0	11.0	14.0
		Min. Capa.	kW	3.0	3.5	4.0	6.0	6.4
	Operating Range(A2W)	Heating	°C	-20~35	-20~35	-20~35	-20~35	-20~35
		Cooling	°C	10~46	10~46	10~46	10~46	10~46
		DHW	°C	-20~43	-20~43	-20~43	-20~43	-20~43
	Operating Range(A2A)	Heating	°C	-20~24	-20~24	-20~24	-20~24	-20~24
		Cooling	°C	10~43	10~43	10~43	10~43	10~43
	Sound Pressure	Heating	dB(A)	48	48	49	49	51
		Cooling	dB(A)	48	48	50	50	52
	Dimensions (WxHxD)	Net	mm	880x798x310	880x798x310	880x798x310	932x1,128x375	932x1,128x375
		Gross	mm	1,023x891x413	1,023x891x413	1,023x891x413	1,091x1,286x472	1,091x1,286x472
	Weight	Net	kg	71	71	71	108	108
		Gross	kg	79	79	79	116	116
	Piping Connections	Liquid	Ø, mm(inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
		Gas	Ø, mm(inch)	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Piping Installation Limitation	Length	m	30	30	30	70	70
		Height	m	15	15	15	30	30

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EHS Specification



Hydro Unit

- Multi Functional controller for delicate control

Hydro Unit	Model		NH080PHXEA	NH160PHXEA
	Power Supply	ØV/Hz	1/230/50	1/230/50
Normal Capacity	Heating	W	6,000 / 7,000 / 8,000	11,000 / 14,000 / 16,000
	Cooling	W	7,000 / 7,500 / 8,000	11,300 / 14,200 / 15,500
Leaving Water Temperature Range	Heating	°C	15-55 (H/P : 25-55)	15-55 (H/P : 25-55)
	Cooling	°C	5-25	5-25
Dimension (WxHxD)	Net	mm	510x850x315	510x850x315
	Gross	mm	564x1,024x412	564x1,024x412
Weight	Net	kg	45	48
	Gross	kg	55	58
Piping Connections	Liquid	Ø, mm(inch)	9.52 (3/8")	9.52 (3/8")
	Gas	Ø, mm(inch)	15.88 (5/8")	15.88 (5/8")
	Inlet	inch	BSPP male 1 1/4"	BSPP male 1 1/4"
	Outlet	inch	BSPP male 1 1/4"	BSPP male 1 1/4"
Water Pump	Flow Rate	kg/min	17.0 / 20.5 / 23.0	31.5 / 40.1 / 45.9
Electric Heater	Input Power	W	4,000	6,000
Expansion Vessel	Volume	Liter	8.0	8.0
Pressure Relief Valve	Relief Pressure	bar	2.9	2.9
Air Purge Valve	Size	inch	BSPP male 3/8"	BSPP male 3/8"
Service Valve	Size	inch	BSPP male 1 1/4"	BSPP male 1 1/4"
	Back up Boiler	-	230VAC 1A(DO)	230VAC 1A(DO)
External Control	Room Thermostat	-	230VAC 1A(DI)	230VAC 1A(DI)
	Solar Pump	-	230VAC 1A(DI)	230VAC 1A(DI)
	Valves, 2 or 3way	-	230VAC 1A(DO)	230VAC 1A(DO)

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DHW Tank

- Water tank that saves energy with domestic heating system

DHW Tank	Model		Standard		Solar Connected	
			NH200WHXEA	NH300WHXEA	NH200WHXES	NH300WHXES
Pressure Vessel	Material Quality	-	AISI444/DIN 1.4521		AISI444/DIN 1.4521	AISI444/DIN 1.4521
	Volume Capacity	Liter	198	287	198	287
Power Supply	ØV/Hz		1/230/50	1/230/50	1/230/50	1/230/50
Electric Element	Capacity	kW	2.6	2.6	2.6	2.6
	Material	-	Incoloy 825	Incoloy 825	Incoloy 825	Incoloy 825
Heating Coil	Material Quality	-	Duplex LDX 2101	Duplex LDX 2101	Duplex LDX 2101	Duplex LDX 2101
	Heating Area	m ²	0.71	0.71	0.71	0.71
Heating Coil for Solar	Material Quality	-	-	-	Duplex LDX 2101	Duplex LDX 2101
	Heating Area	m ²	-	-	0.47	0.47
Insulation	Material Quality	-	Polyrethane form	Polyrethane form	Polyrethane form	Polyrethane form
	Thickness	mm	40	40	40	40
Insulation Jacket	Material Quality	-	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White
	Diameter	mm	585	585	585	585
Dimensions Overall	Height	mm	1,130	1,580	1,130	1,580
	Cold Water Inlet	inch	3/4" FBSP	3/4" FBSP	3/4" FBSP	3/4" FBSP
Connections	Hot Water Outlet	inch	3/4" FBSP	3/4" FBSP	3/4" FBSP	3/4" FBSP
	Recirculation	mm	Ø22mm Staight tube (For Compression Fitting)	Ø22mm Staight tube (For Compression Fitting)	Ø22mm Staight tube(For Compression Fitting)	Ø22mm Staight tube(For Compression Fitting)
Flow & Return	mm	2x3/4" Female	2x3/4" Female	2x3/4" Female	2x3/4" Female	
	Sensor Poket(s)	mm	Ø8mm Inside, 1/2"Thread	Ø8mm Inside, 1/2"Thread	Ø8mm Inside, 1/2"Thread	Ø8mm Inside, 1/2"Thread
Weight	Overall	kg	47	61	51	65
Max. Water Temperature		°C	70	70	70	70
Other	Packaging	-	Eco Foam PUF	Eco Foam PUF	Eco Foam PUF	Eco Foam PUF
	Adjustable Legs	pcs	3	3	3	3

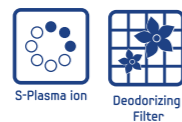
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EHS Specification



Vivace

- Shadow Mirror
- Hidden Display
- Trim-less Design



Vivace	Model		NH022VHXEA	NH028VHXEA	NH036VHXEA	NH056VHXEA	NH071VHXEA
	Performance Capacity	Cooling	W	2,200	2,800	3,600	5,600
Heating		W	2,500	3,200	4,000	6,300	7,000
Power	Input	W	30	30	35	50	50
	Running Current	A	0.13	0.18	0.19	0.30	0.30
Power Supply	Ø/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Sound	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
Airflow Rate	Cooling (High)	m ³ /min	7.0	7.0	8.2	13.3	13.3
	Heating (High)	m ³ /min	7.3	7.3	8.8	14.0	14.0
Refrigerant	type	-	R410A	R410A	R410A	R410A	R410A
	Control Method	-	EEV	EEV	EEV	EEV	EEV
Piping Connections	Liquid (Flare)	Ø, mm	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)	Ø, mm	12.70	12.70	12.70	12.70	15.88
	Drain (Quick Lock)	Ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
Weight	Net Weight	kg	8.5	8.5	12.0	15.0	15.0
	Shipping Weight	kg	11.5	11.5	11.5	15.0	15.0
Set Size	Net Dimensions (WxHxD)	mm	825x285x189	825x285x189	825x285x189	1,065x298x218	1,065x298x218
	Shipping Dimensions (WxHxD)	mm	900x349x252	900x349x252	900x349x252	1,137x377x299	1,137x377x299

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Optional Accessories

- Individual Controllers



Standard Accessories

- Individual Controllers



Neo Forte

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



Neo Forte	Model		NH022NHXEA	NH028NHXEA	NH036NHXEA	NH056NHXEA	NH071NHXEA
	Performance Capacity	Cooling	W	2,200	2,800	3,600	5,600
Heating		W	2,500	3,200	4,000	6,300	7,000
Power	Input	W	25	25	30	45	50
	Running Current	A	0.18	0.18	0.18	0.27	0.30
Power Supply	Ø/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Sound	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
Airflow Rate	Cooling (High)	m ³ /min	7.8	7.8	9.3	12.0	14.0
	Heating (High)	m ³ /min	8.2	8.2	9.5	13.0	15.0
Refrigerant	type	-	R410A	R410A	R410A	R410A	R410A
	Control Method	-	EEV	EEV	EEV	EEV	EEV
Piping Connections	Liquid (Flare)	Ø, mm	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)	Ø, mm	12.70	12.70	12.70	12.70	15.88
	Drain (Quick Lock)	Ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
Weight	Net Weight	kg	7.8	7.8	7.8	13.0	13.0
	Shipping Weight	kg	9.4	9.4	9.4	16.0	16.0
Set Size	Net Dimensions (WxHxD)	mm	825x285x189	825x285x189	825x285x189	1,065x298x218	1,065x298x218
	Shipping Dimensions (WxHxD)	mm	900x349x252	900x349x252	900x349x252	1,137x377x299	1,137x377x299

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Optional Accessories

- Individual Controllers



Standard Accessories

- Individual Controllers



EHS Specification



Slim Duct

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



Model			NH022LHXEA	NH028LHXEA	NH036LHXEA	NH045LHXEA	NH056LHXEA
	Performance Capacity	Cooling	W	2,200	2,800	3,600	4,500
	Heating	W	2,500	3,200	4,000	5,000	6,300
Power	Input	W	80	80	80	90	100
	Running Current	A	0.40	0.40	0.40	0.60	0.60
Power Supply		Ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Sound	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)	m ³ /min	8.0	9.0	10.0	14.0	15.0
Airflow Rate	Heating (High)	m ³ /min	9.0	10.0	12.0	16.5	18.0
	External Static Pressure Standard(Min.-Max.)	mmAq	2 (0-4)	2 (0-4)	2 (0-4)	2 (0-4)	2 (0-4)
Refrigerant	type	-	R410A	R410A	R410A	R410A	R410A
	Control Method	-	EEV	EEV	EEV	EEV	EEV
Piping Connections	Liquid (Flare)	Ø, mm	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)	Ø, mm	12.70	12.70	12.70	12.70	12.70
	Drain (Quick Lock)	Ø, mm	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)
Weight	Net Weight	kg	26.0	26.0	26.0	31.0	31.0
	Shipping Weight	kg	31.0	31.0	31.0	39.0	39.0
Set Size	Net Dimensions (WxHxD)	mm	900x199x600	900x199x600	900x199x600	1,100x199x600	1,100x199x600
	Shipping Dimensions (WxHxD)	mm	1,133x333x730	1,133x333x730	1,133x333x730	1,330x330x730	1,330x330x730

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Optional Accessories



Standard Accessories
















Control System

CLASSIFICATION	PRODUCT	MODEL	IMAGE	APPLICATION MODEL		
Integrated Management System	Controller	DMS2	MIM-D00A		DVM SERIES, FJM, CAC, ERV, ERV PLUS	
		S-NET3	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	
Centralized Control System	Controller	Function Controller	MCM-A100		DVM SERIES, FJM, CAC	
		Centralized Controller	MCM-A202D		DVM SERIES, FJM, CAC, ERV, ERV PLUS	
		7 Day Scheduler	MWR-BS00		CENTRALIZED CONTROLLER	
		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)	
		RAC Extension Board	MIM-A00		FJM (For Connecting Wired Remote Controller and External Contact Interface Module)	
		External Room Sensor	MRW-TA		CASSETTE, WALL-MOUNTED, CEILING, DUCT, CONSOLE	
		Building Management System	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		
Guest Room Management System	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: MINI DVM, DVM PLUS III, DVM PLUS III HR, DVM PLUS IV, DVM PLUS IV HR

Accessories

Classification	Image	Model	Description	Relevant Unit	Remark
Y- joint		MXJ-YA1509K	15kW and below	DVM PLUS III, DVM PLUS III HR DVM PLUS IV, DVM PLUS IV HR	Requisite
		MXJ-YA2512K	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		
		MXJ-YA4422K	Over 139.2 kW		
Y-joint (High Pressure Gas) for DVM PLUS III HR module		MXJ-YA1500K	23.2 kW and below	DVM Plus III HR, 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 III, DVM PLUS III HR (Module) DVM PLUS IV, DVM PLUS IV HR (Module)	Requisite
		MXJ-T4422K	Over 50 HP		
Outdoor Joint (High Pressure Gas) for DVM PLUS III HR Module		MXJ-T3100K	Below 48 HP	DVM PLUS III HR (Module) DVM PLUS IV HR (Module)	Requisite
		MXJ-T3800K	Over 50 HP		
Header Joint		MXJ-HA3819K	Below 46.4 kW	DVM PLUS III, DVM PLUS III HR DVM PLUS IV, DVM PLUS IV HR	Option
		MXJ-HA3115K	Below 69.6 kW		
		MXJ-HA2512K	Over 69.7 kW		
MCU Kits		MCU-4EAE3	Below 4 indoor units	DVM PLUS III HR DVM PLUS IV HR	Requisite
		MCU-6EAE3	Below 6 indoor units		
EEV Kits		MXD-A13K116E	Below 3.6 kW (1 Room) + 5.6 kW ~9.0 kW (1Room)	Wall-mounted & Ceiling indoor unit (For 2 indoor units)	Option
		MXD-A13K200E	Below 3.6 kW (2 Rooms)		
		MXD-A16K200E	5.6 kW~9.0 kW (2Rooms)		
		MXD-A22K200E	Over 9.0 kW (2Rooms)		
		MXD-A13K216E	Below 3.6 kW (2 Rooms) + 5.6 kW ~ 9.0 kW (1Room)	Wall-mounted & Ceiling indoor unit (For 3 indoor units)	Option
		MXD-A13K300E	Below 3.6 kW (3 Rooms)		
		MXD-A16K213E	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (2Rooms)		
		MXD-A16K300E	5.6 kW ~ 9.0 kW (3Rooms)	Wall-mounted & Ceiling indoor unit (For single unit)	Option
		MEV-A13SA	Below 3.6 kW (1 Room)		
		MEV-A16SA	5.6 kW ~ 9.0 kW (1Room)		

Classification	Image	Model	Description	Relevant Unit	Remark
Drain Pump		MDP-E075SEE3	Slim Duct (2.0 ~ 14.0 kW)	-	Option
		MDP-M075SGU1	M.S.P Duct (9.0/11.2 kW)		
		MDP-M075SGU2	M.S.P Duct (12.8/14.0 kW)		
		MDP-M075SGU3	M.S.P Duct (5.6/7.1 kW)		
AHU Kits		MXD-A16K1X025A	7.0 ~ 8.75 kW AHU	-	-
		MXD-A22K1X050A	14.0 ~ 17.5 kW AHU		
		MXD-A22K2X075A	21.0 ~ 26.25 kW AHU		
		MXD-A22K2X100A	28.0 ~ 35.0 kW AHU		
Humidifier		MVO-VA050100	RHF050KHEA	-	-
		MVO-VA100100	RHF100KHEA		
Front Panel		PC4NUSKA	4Way Cassette S - Waffle	-	Not compatible with conventional 4Way Cassette Requisite
		PC4NUSKE	4Way Cassette S - Classic		
		P4SMA	4Way Cassette	-	Not compatible with 4Way Cassette S Requisite
		PMSMA	Mini 4Way Cassette		
		PSSMA	Slim 1Way Cassette	-	Requisite
		P2SMA	2Way Cassette		

Notes

*1) MCU-4EAEV2/3 tis the product that includes built in EEV to connect the indoor unit (wall-mounted type and ceiling type) that does not include EEV.

Icon Guide

Each product in the Samsung system air conditioner lineup offers a variety of features. The following icons include a brief explanation about the features that they signify. Following are the description of the icons and brief explanation of each feature.

Cassette Type Icon



Wide Blade

Wider blades provide more even cooling power.



NO! Dust

Newly designed panel prevents dust build-up on ceiling.



Fresh Air

Optional air intake motor brings in fresh air from outside.



High Lift-UP

Lift-up condensed water up to 750mm, which is higher than our competitors' limit.



Quick Pipe

Unique drain pipe connection is easy to install.



Sub Duct

The Sub Duct makes it easy to provide air conditioning to a nearby smaller space.

Duct Type Icon



Anti-Virus Filter

Anti-virus Filter traps dust particles and suppresses proliferation of mold and bacteria.



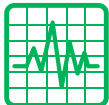
Easy Filter

Filter cleaning indicator will let you know when the filter needs to be cleaned.



High Lift-UP

Lift-up condensed water up to 750mm, which is higher than our competitors' limit.



Smart Control

Adjusts fan speed to provide constant cooling and heating performance.



Wired RC

Default wired remote controller is provided.

Wall-mounted Type Icon



S-Plasma ion

S-Plasma ion eliminates biological contaminants in the air such as viruses, bacteria, and dust.



Full HD Filter

Samsung's Full High Density Filter blocks out dust, allergens, and bacteria.



DNA Filter

The DNA structure absorbs and eliminates microscopic carcinogenic agents.



Deodorizing Filter

Activated carbon is incorporated in the filter, efficiently absorbing all odors.



Catechin Filter

Catechin in the filter deactivates captured bacteria and unpleasant odors.



Smart Inverter

Smart inverter maintains ideal temperature without constantly turning the compressor on and off.



Smart Saver

Smart Saver automatically operates the air conditioner in the least amount of time necessary to cool the room.



d'light Cool

This system automatically adjusts the temperature and humidity level to maintain the most pleasant indoor environment.



good'sleep

good'sleep automatically adjusts temperature and humidity so you can enjoy a good night's sleep.



Wide Twin Blade

Samsung's Wide Twin Blades provide a more effectively controlled air flow.



3D Wind

The Wide Twin Blades and 4 Way Auto Swing provide advanced airflow all around the room for even distribution.



Turbo Cooling

Turbo Cooling maximizes the speed of cooling and heating to quickly reach the set temperature.



Auto Roof Shutter

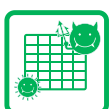
Air conditioner automatically seals off to prevent dirt infiltration.

Console & Ceiling



Interior Design

This clean, modern design complements any decor.



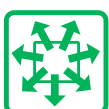
Anti-Virus Filter

Anti-virus Filter traps dust particles and suppresses proliferation of mold and bacteria.



Lightweight

Lightweight makes maintenance and installation easy.



Flexible

The pipe can be installed in 6 different places for more placement options.



Silent Mode

Indoor and outdoor unit operates silently.



Wireless RC

Default wireless remote controller is provided.