

Learn more about Samsung air conditioner at:

www.samsung.com/global/business/system-air-conditioner

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SAMSUNG

SAMSUNG

Split Air Conditioner **CAC**

Samsung Split Air Conditioner

CAC

High Efficiency System Air Conditioner

SAMSUNG



Samsung is moving ahead and with our customers

“Put simply, our differentiation is centered on producing innovative technology that brings genuine change to people’s lives. We do this by bringing a relentless focus on consumer experience and product innovation in everything we do.”

- Sue Shim CMO (Chief Marketing Officer), SAMSUNG



Global Business Network



Eco-Friendly Samsung

Preserves the nature you live in.

Thinking of you and the environment, Samsung plans for the future. Realizing your hopes for a greener, healthier life for you and the generations that follow, Samsung's environment-friendly technologies work to make the world a more beautiful place.

Samsung Eco-Friendly Air Conditioner

Samsung is committed to providing eco-friendly air conditioners and air solutions that help prevent global warming and contribute to the resolution of energy shortages. Through these efforts, Samsung is striving to preserve the surrounding environment and to share sustainable growth with local communities.



Air & Water Conservation

Making continuous efforts to stay eco-friendly, Samsung air conditioners use R-410A, an environment-friendly refrigerant to help rid the air pollutants and restrain the use of materials with high global warming potential(GWP).



Use Less, Save More

With the advanced Smart Inverter technology, Samsung air conditioners provide powerful and comfortable cooling with minimum electric consumption which means that you save money and reduce energy waste. This energy-efficient technology also protects the environment to accommodate the 'go green' trend.



Global Recycling

Samsung Electronics has taken a leading role in saving the environment and complies with the WEEE (Waste Electrical and Electronic Equipment) Directive by joining or establishing the recycling schemes for each country.

Globally Recognized!

SAMSUNG Air Conditioners



Galeria de Innovacion 2009

Samsung attended Europe's largest air-conditioner exhibition "Climatization" in Madrid, Spain. Samsung air conditioner's beautiful design with innovative features was awarded the "Galeria de Innovacion". The idea behind this award is to encourage innovation in the practical application of know-how and technologies in industrial development. Once again, Samsung proves its unsurpassed standards in quality.



iF Product Design Award 2009

As one of the world's oldest & prestigious design competitions, the iF product design award has stood for qualitatively outstanding design awards for over 50 years. And Samsung air conditioner with its design innovations has won the iF product design award for the year 2009. Samsung air conditioner continues to receive worldwide recognition and awards, proving high quality of function and beauty.



Comfort & Design 2010

Organized by Fiera Milano International, 37th Mostra Convegno Expocomfort / Expobagno 2010 aimed to reward the best product that shows a high level of environmental quality, providing a complete overview of the sector along the lines of "Comfort & Living Technology". And Samsung air conditioner won the prize conferring a valid and professional recognition for the best product in the ceremony.



Good Design Award 2011

Good Design Award is a comprehensive program for the evaluation and encouragement of design organized by Japan Institute of Design Promotion (JDP). This has been a program advancing lifestyle and industrial activity by selecting outstanding design. Samsung air conditioner, Y series, has advanced to the finals for the year 2011.



Global reference sites Samsung system air conditioner

Samsung system air conditioners are chosen by various groups from different countries all around the world for their proven performance.



Global Reference Sites

Samsung System Air Conditioner

Samsung system air conditioners are chosen by various groups from different countries all around the world for their proven performance.



Location_Vietnam
Project_Kumho Asian Plaza



Location_Germany
Project_Soccer Stadium



Location_Greece
Project_Restaurant



Location_France
Project_Hotel



Location_Turkey
Project_University



Location_Czech Republic
Project_Apartment Building



Location_Turkey
Project_Hotel



Location_Vietnam
Project_Vietin Bank Building



Location_India
Project_Fathe Prakash Palace



Location_China
Project_International Airport



Location_Korea
Project_Soccer Stadium



Location_Saudi Arabia
Project_Medical Clinic



Location_Turkey
Project_Office building



Location_Turkey
Project_Office Building



Location_Vietnam
Project_Dong Nai Hospital



Location_Slovenia
Project_Utility Company



Location_Germany
Project_Business Park



Location_Qatar
Project_Office Building



Location_U.A.E
Project_Residential Building



Location_Austria
Project_Cityhall Traiskirchen



Location_China(Nanjing)
Project_Office



Location_China(Qingdao)
Project_Office



Location_South Africa
Project_Hotel



Location_Croatia
Project_Office & Residential Building



Location_Turkey
Project_Princess Resort



Location_China
Project_Business Park



Location_Korea
Project_Residential Building



Location_Hungary
Project_Shopping Mall



Location_China(Beijing)
Project_Industry & Technology Park



Location_Turkey(Istanbul)
Project_Mall of Istanbul



Location_Korea(Songdo)
Project_World Mark



Location_Australia(Sydney)
Project_St. Joseph School



Location_U.K(Edinburgh)
Project_Sheraton Hotel



Location_Kenya(Mombasa)
Project_English Point Marina

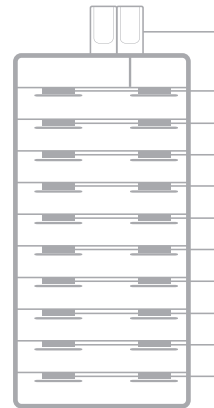


Location_Vietnam
Project_Han Viet Tower

VRF/DVMS

Large Scale Building

With its wide range of capacities and the advanced technology, the DVM system is a perfect cooling and heating solution for any type of space from high-rise buildings to small commercial places.



DVM S



DVM S DESERT



DVM S WATER

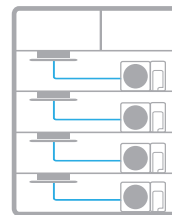


DVM S ECO

SINGLE/CAC

Light Commercial

This one-to-one system that links outdoor and indoor units is the most suitable air solution for individual businesses to manage their own air-conditioning system in small and medium-sized commercial places.

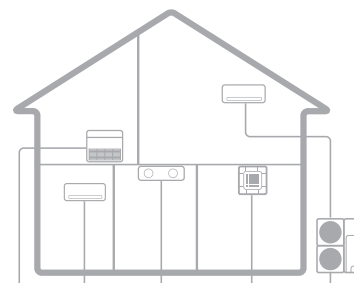


CEILING AIR CONDITIONER

FJM

Residential Places

A single outdoor unit supporting up to 5 indoor units, the FJM system is ideal for residential spaces with multiple rooms to increase space efficiency.

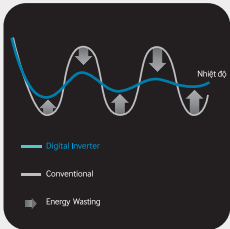


FREE JOINT MULTI



Air Conditioner Triangle Design

Energy Saving



Smart operation for energy saving (Digital Inverter)

Digital Inverter technology maintains the desired temperature with minimum energy and fluctuation for better energy saving. Digital Inverter technology brings you fresh & clean air for a long time with minimum energy.



Single User Mode

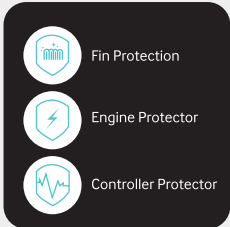
Single User Mode reduces compressor capacity to save electricity whereas cool & fresh air is ensured. Even when being home alone, you can still turn on the air conditioner for the whole day without having to worry about electricity consumption. As the function consumes less electricity, it helps protect environment.

Higher Durability



Higher Durability

10 years warranty for Digital Inverter Compressor. The warranty policy affirms a high level of premium quality and absolute credibility.



Triple Protector Plus

Triple Protector Plus enhances control of electric current; anti-corrosive fin protects outdoor unit efficiently from corrosion; optimal design protects outdoor unit from severe weather condition.

Healthcare



Virus Doctor & Easy Filter

Certificated by British Allergy Foundation (BAF), Virus Doctor eliminates the airborne virus & allergy by emitting active hydrogen & oxygen ions. Easy Filter is designed for easy removal & cleaning.



2-Step Cooling

Samsung air conditioner cools fast with Fast Cool mode, and then automatically switches to Comfort Cool to maintain the desired temperature for your best self.

Fast and Comfort Cool

Smart Solutions



Smart Installation, usage & maintenance

Smart Installation detects common errors to ensure proper product installation. Smart Wifi allows you to control your cool anytime, anywhere. What you need is a smart phone with the related application installed. Smart Service detects and notifies technical problem, then requests for immediate repair.

SINGLE Specification - R410A / Cooling / Heat Pump



Wall Mounted / Inverter

1 More Air In
Wider Inlet

2 More Air Flow
Bigger Fan

3 More Air Out
Wider Outlet

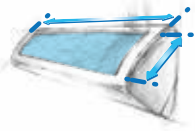
*Compared with Samsung conventional products

SAVINA			AR9500(Best)			AR7500(Better)			AR5500(Good1)				New Models	
Model Code			AR09HVSFNWKNVS	AR12HVSFNWKNVS	AR09HSSDNWKNVS	AR12HSSDNWKNVS	AR18HSSDNWKNVS	AR09JVSFBWKNVS	AR12JVSFBWKNVS	AR18JVSFBWKNVS	AR24JVSFLWKNVS	AR09JVSFCURNVS	AR09JVSFNWKNVS	AR12JVSFNWKNVS
AC Type			INV. CO	INV. CO	INV. HP	INV. HP	INV. HP	INV. CO	INV. CO	INV. CO	INV. CO	INV. CO	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance														
Capacity	Cooling	Btu/hr.	9720	12800	9,000	12,000	17,060	9,700	12,800	18,100	22,200	9,700	8,500	11,900
		(min~max)	3514~10918	3514~13648	4,436~11,260	4,436~13,648	4,265~20,472	5,120~10,920	5,120~13,650	3,410~20,480	4,440~27,300	3,750~10,900	3,240~10,240	3,750~13,650
		kW	2.85	3.75	2.64	3.52	5.0	2.85	3.75	5.30	6.51	2.85	2.50	3.50
	Heating	(min~max)	1.03~3.2	1.03~4.0	1.30~3.30	1.30~4.00	1.25~6.00	1.50~3.20	1.50~4.00	1.00~6.00	1.30~8.00	1.10~3.20	0.95~3.00	1.10~4.00
		Btu/hr.	Btu/hr.			10,900	13700	20500					10,900	13,600
		(min~max)				3,241~16,036	3,241~17,401	3,378~22,178					3,170~13,650	3,240~16,380
Energy Efficiency	Cooling	kW			3.19	4.02	6.01						3.2	4.0
		(min~max)			0.95~4.70	0.95~5.10	0.99~6.50						0.93~4.00	0.95~4.80
		EER(Btu/W)	15.43	13.47	14.06	11.01	11.01	13.29	10.28	10.28	10.28	11.28	10.90	10.92
	Heating	EER(W/W)	4.52	3.95	4.12	3.23	3.23	3.90	3.01	3.01	3.01	3.31	3.21	3.21
Star Rating	COP(W/W)			3.85	3.62	3.30						3.41	3.42	
Moisture Removal		ℓ/hr.	5	5	5	5	5	5	5	5	5	3	5	5
Air Circulation (Max)		m³/min	1.0	1.5	1.0	1.5	2.0	1.0	1.5	2.0	2.5	1.0	1.0	1.5
Noise Level	Indoor High/Low	dB	11.0	12.0	11.0	12.0	14.0	11.0	12.0	14.0	21.0	9.0	9.0	12.0
		Outdoor High	38/20	39/20	36/20	37/20	41/25	37/23	38/23	41/27	44/30	36/23	36/20	37/21
Electrical Data		dB	46	48	44	45	51	48	49	52	53	49	47	48
Power Source														
Power Consumption	Cooling	V/Hz/Φ	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
		W	630	950	640	1,090	1,550	730	1,245	1,760	2,160	860	780	1,090
Operating Current	Cooling	W			830	1,110	1,820						940	1,170
		A	3.0	4.2	3.5	5.0	7.2	3.6	6.3	8.0	11.0	4.2	4.0	5.9
Dimension & Loading Q'ty		Heating	A		4.0	5.2	9.0						4.8	6.1
Net Dimension (W*H*D)	Indoor	mm												
		mm	936*267*264	936*267*264	826*261*261	826*261*261	896*261*261	826*261*261	826*261*261	896*261*261	1065*301*294	750*249*246	750*249*246	826*261*261
Net Weight	Outdoor	kg	790*548*285	790*548*285	720*548*265	720*548*265	790*545*285	720*548*265	720*548*265	790*548*285	880*648*310	660*475*242	720*548*265	720*548*265
		kg	12.5	12.5	9.8	9.8	11.1	9.8	9.8	10.8	13.0	7.8	7.8	9.8
Shipping Weight	Indoor	kg	30.0	30.0	26.4	26.4	35.7	25.9	25.9	32.5	41.5	19.2	29.2	29.2
		kg	15.0	15.0	11.2	11.2	12.8	11.2	11.2	11.8	16.0	9.0	9.0	11.2
Loading Q'ty	Outdoor	kg	32.5	32.5	28.7	28.7	38.7	28.3	28.3	37.5	46.5	21.4	31.8	31.8
		W Pipe	20/40/40HC											
Technical Information		W/O Pipe	20/40/40HC	80/173/197	80/173/197	96/203/233	96/203/233	86/182/208	96/203/233	96/203/233	86/182/208	58/124/143		
SVC Valve	Liquid	OD, Φ mm												
		Gas	9.52	9.52	9.52	9.52	12.7	9.52	9.52	12.7	15.88	9.52	9.52	9.52
Piping Length	Max	m	15	15	15	15	30	15	15	20	20	15	15	15
Piping Height	Max	m	8	8	8	8	15	7	7	12	12	7	7	7
Features														
Air Flow	Triangle Technology		•	•	•	•	•	•	•	•	•	•	•	•
		Wide Twin Blade	-	-	-	-	-	-	-	-	-	-	-	-
		Optimal Single Blade	•	•	•	•	•	•	•	•	•	•	•	•
		Air Flow Control Step (Cool/Fan)	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4
		Air Direction (Up/Down)	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
		Air Direction (Left/Right)	Auto	Auto	Auto	Auto	Auto	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Air Purification	Natural Breeze		•	•	•	•	•	•	•	•	•	•	•	•
		Virus Doctor	•	•	•	•	•	•	•	•	•	•	•	•
		Virus Doctor Lamp	•	•	•	•	•	•	•	•	•	•	•	•
		Full HD Filter	•	•	•	•	•	•	•	•	•	•	•	•
		Anti-bacteria Coating	•	•	•	•	•	•	•	•	•	•	•	•
		Anti-Allergy Coating	•	•	•	•	•	•	•	•	•	•	•	•
Operating Mode	Anti-Virus Coating		•	•	•	•	•	•	•	•	•	•	•	•
		Auto Clean	•	•	•	•	•	•	•	•	•	•	•	•
		d'light Cool	-	-	-	-	-	-	-	-	-	-	-	-
		good'sleep	•	•	•	•	•	•	•	•	•	•	•	•
		Single User Mode (Inv)	•	•	•	•	•	•	•	•	•	•	•	•
		Single User Mode (On.Off)	-	-	-	-	-	-	-	-	-	-	-	-
Convenience	2 Step Cooling		•	•	•	•	•	•	•	•	•	•	•	•
		Fast Cool	•	•	•	•	•	•	•	•	•	•	•	•
		Comfort Cool	•	•	•	•	•	•	•	•	•	•	•	•
		Dehumidification	•	•	•	•	•	•	•	•	•	•	•	•
		Auto Mode	•	•	•	•	•	•	•	•	•	•	•	•
		Fan Mode	•	•	•	•	•	•	•	•	•	•	•	•
Outdoor Unit	Quiet		•	•	•	•	•	•	•	•	•	•	•	•
		Smart WiFi	•	•	•	•	•	•	-	-	-	-	-	-
		Filter Cleaning Indicator	•	•	•	•	•	•	-	-	-	-	-	-
		Temp. Display	•	•	•	•	•	•	-	-	-	-	-	-
		Remote Controller	•	•	•	•	•	•	•	•	•	•	•	•
		Display On/Off	•	•	•	•	•	•	-	-	-	-	-	-
Low Ambient	Beep On/Off		•	•	•	•	•	•	•	•	•	•	•	•
		24-Hour Timer	•	•	•	•	•	•	•	•	•	•	•	•
		Auto Restart	•	•	•	•	•	•	•	•	•	•	•	•
		Auto Changeover	-	-	-	-	-	-	-	-	-	-	-	-
		Compressor Type	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
		Anti-corrosion Fin	•	•	•	•	•	•	•	•	•	•	•	•
Cooling	Multi-channel Condensor		•	•	•	•	•	•	•	•	•	•	•	•
		°C	16~46	16~46	-10~46	-10~46	-10~46	16~46	16~46	16~46	16~46	16~46	16~46	16~46
Heating		°C	-	-	-15~24	-15~24	-15~24	-	-	-	-	-	-10~24	-10~24

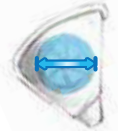
SINGLE Specification - R22 / Cooling / Heat Pump



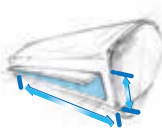
Wall Mounted / On - Off



1 More Air In
Wider Inlet



2 More Air Flow
Bigger Fan



3 More Air Out
Wider Outlet



*Compared with Samsung conventional products

SAVINA			Heat Pump AR5100(Good2)				Cooling Only AR5000(Good1)				Cooling Only AR5100(Good2)	
Model Code			AR09JPFNSWKNSV	AR12JPFNSWKNSV	AR18JPFNSWKNSV	AR24JPFNSWKNSV	AR09JCFSSURNV	AR12JCFSSURNV	AR18JCFSSURNV	AR24JCFSSURNV	AR09JCFNSGMNSV	AR12JCFNSGMNSV
AC Type			On/Off HP	On/Off HP	On/Off HP	On/Off HP	On/Off CO	On/Off CO	On/Off CO	On/Off CO	On/Off CO	On/Off CO
Refrigerant Type			R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Performance												
Capacity	Cooling	Btu/hr.	9,000	12,000	18,000	24,000	9,000	12,000	18,000	24,000	9,000	12,000
		(min~max)	-	-	-	-	-	-	-	-	-	-
		kW	2.6	3.5	5.3	7.0	2.6	3.5	5.3	7.0	2.6	3.5
	Heating	(min~max)	-	-	-	-	-	-	-	-	-	-
		Btu/hr.	9,500	12,500	19,000	24,000	-	-	-	-	-	-
		(min~max)	-	-	-	-	-	-	-	-	-	-
Energy Efficiency	Cooling	kW	2.8	3.7	5.6	7.0	-	-	-	-	-	-
		(min~max)	-	-	-	-	-	-	-	-	-	-
	Heating	EER(Btu/W)	10.88	10.91	10.53	9.20	10.98	10.91	10.53	9.87	10.00	9.92
		EER(W/W)	3.19	3.20	3.08	2.69	3.22	3.20	3.08	2.89	2.93	2.91
Moisture Removal		COP(W/W)	3.71	3.49	3.66	2.94	-	-	-	-	-	-
Air Circulation (Max)		Star Rating	4	4	5	2	5	4	4	3	2	3
Noise Level		ℓ/hr.	1.0	1.5	1.8	2.4	1.0	1.5	1.8	2.4	1.0	1.5
		m³/min	10.3	11.6	18.6	18.6	9.0	11.6	18.0	18.6	6.5	10.3
Electrical Data		dB	36/25	37/27	41/30	42/31	35/25	37/26	41/30	42/31	35/25	37/26
Power Source		dB	49	50	53	54	48	50	52	54	48	50
Power Consumption		V/Hz/Φ	220/50/1	220/50/1	220/50/1	220/50/1	220/50/1	220/50/1	220/50/1	220/50/1	220/50/1	220/50/1
Operating Current		W	827	1,100	1,710	2,610	820	1,100	1,710	2,432	900	1,210
Dimension & Loading Q'ty		W	750	1050	1,520	2390	-	-	-	-	-	-
Net Dimension (W*H*D)		A	3.9	5.3	8.1	12.2	3.9	5.3	8.1	11.8	4.3	5.9
		A	3.6	5	7.2	11.2	-	-	-	-	-	-
Indoor		mm	826*261*261	896*261*261	1065*301*294	1065*301*294	826*261*261	896*261*261	1065*301*294	1065*301*294	750*249*246	826*261*261
Outdoor		mm	720*548*265	790*548*285	880*648*310	880*648*310	660*475*242	660*475*242	790*548*285	880*648*310	660*475*242	660*475*242
Indoor		kg	9.7	10.6	13.2	13.5	9.8	10.7	13.4	13.7	8.1	9.7
Outdoor		kg	29.3	32.3	44.8	51.5	22.1	23.8	35.7	47.4	21.5	23.6
Indoor		kg	11.3	12.2	15.3	15.6	11.4	12.4	15.5	15.8	9.4	11.3
Outdoor		kg	32.2	35.1	48.1	55.0	24.4	25.8	38.7	50.9	23.5	25.8
Loading Q'ty		20/40/40HC										
W Pipe		20/40/40HC	94/198/231	86/182/208	58/124/143	58/124/143	116/246/281	116/239/276	79/165/180	58/124/143	132/270/304	116/246/281
W/O Pipe												
Technical Information												
SVC Valve		Liquid	OD, ℓ mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
		Gas	OD, ℓ mm	9.52	12.7	12.7	15.88	9.52	12.7	12.7	15.88	12.7
Piping Length		Max	m	15	15	15	20	15	15	15	20	15
Piping Height		Max	m	7	7	7	8	7	7	7	8	7
Features												
Triangle Technology			•	•	•	•	•	•	•	•	•	•
Wide Twin Blade			-	-	-	-	-	-	-	-	-	-
Optimal Single Blade			•	•	•	•	•	•	•	•	•	•
Air Flow Control Step (Cool/Fan)			5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	5 / 4
Air Direction (Up/Down)			Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Air Direction (Left/Right)			Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Natural Breeze			•	•	•	•	•	•	•	•	•	•
Virus Doctor			-	-	-	-	-	-	-	-	-	-
Virus Doctor Lamp			-	-	-	-	-	-	-	-	-	-
Full HD Filter			•	•	•	•	•	•	•	•	•	•
Anti-bacteria Coating			•	•	•	•	•	•	•	•	•	•
Anti-Allergy Coating			•	•	•	•	•	•	•	•	•	•
Anti-Virus Coating			•	•	•	•	•	•	•	•	•	•
Auto Clean			•	•	•	•	•	•	•	•	•	•
d'light Cool			-	-	-	-	-	-	-	-	-	-
good'sleep			•	•	•	•	•	•	•	•	•	•
Single User Mode (Inv)			-	-	-	-	-	-	-	-	-	-
Single User Mode (On,Off)			•	•	•	•	•	•	•	•	•	•
2 Step Cooling			•	•	•	•	•	•	•	•	•	•
Fast Cool			•	•	•	•	•	•	•	•	•	•
Comfort Cool			•	•	•	•	•	•	•	•	•	•
Dehumidification			•	•	•	•	•	•	•	•	•	•
Auto Mode			•	•	•	•	•	•	•	•	•	•
Fan Mode			•	•	•	•	•	•	•	•	•	•
Quiet			-	-	-	-	-	-	-	-	-	-
Smart WIFI			-	-	-	-	-	-	-	-	-	-
Filter Cleaning Indicator			-	-	-	-	-	-	-	-	-	-
Temp. Display			-	-	-	-	-	-	-	-	-	-
Remote Controller			•	•	•	•	•	•	•	•	•	•
Display On/Off			-	-	-	-	-	-	-	-	-	-
Beep On/Off			•	•	•	•	•	•	•	•	•	•
24-Hour Timer			•	•	•	•	•	•	•	•	•	•
Auto Restart			•	•	•	•	•	•	•	•	•	•
Auto Changeover			•	•	•	•	-	-	-	-	-	-
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Anti-corrosion Fin			•	•	•	•	•	•	•	•	•	•
Multi-channel Condensor			-	•	•	•	•	•	•	•	-	•
Cooling		°C	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43	15~43
Heating		°C	-5~24	-5~24	-5~24	-5~24	-	-	-	-	-	-



Floor Standing Air Conditioner

Clean & Healthy Air

Going beyond mere cooling performance, the Q9000 also cleans and dehumidifies the air and eliminates viruses.



HOT

AF28FVSDAWK

- Cooling capacity (Btu/h): 28.396
- Dimension (WxHxD)
Indoor unit (mm): 360x1948x269
Outdoor unit (mm): 880x798x310
- Energy star: 5 stars
- Compressor warranty: 2 years
- RRP: **73.990.000đ**




HOT

AF28FSSDADF

- Cooling capacity (Btu/h): 28.000
- Heating capacity (Btu/h): 28.000
- Dimension (WxHxD)
Indoor unit (mm): 360x1948x269
Outdoor unit (mm): 880x798x310
- Energy star: 5 stars
- Compressor warranty: 2 years
- RRP: **79.990.000đ**

Zero Filter



The magic film filter uses a magnet mechanism to keep the air clean and healthy, without missing even the tiniest particles of dust.


The filter electrifies dust particles and makes them positive. It then attracts and captures the positive dust like powerful magnet.

Turbo Jet Cooling




Three powerful whirlwind-like airflows cool large area quickly and efficiently. The three fans operate independently to ensure optimum cooling for every situation.

Virus Doctor



Virus Doctor eliminates the airborne virus & allergy.


Energy Savings



The Smart Inverter Compressor alters its speed in response to your cooling needs. This energy-efficient operation reduces power wastage and your bill.

* Digital Inverter Technology saves energy best for room size up to 48.8m2 according to energy star standard, compared with Samsung non inverter model.

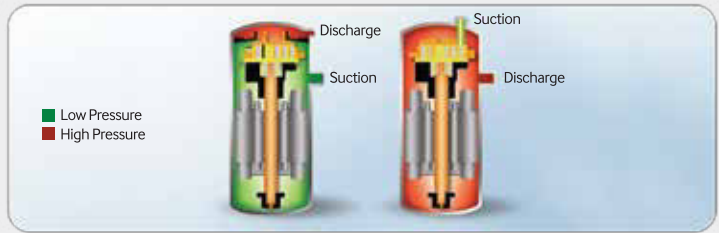
Sleek & Stylish Design



The space-efficient, compact design adds a modern and sophisticated look to your home.



Floor Standing Air Conditioner



Powerfull Scroll Compressor

Super's lower pressure type compresor provides incredible performance in hot temperature, resulting in preventing temperature rise. In addition, unique seal makes higher efficiency by blocking the refrigerant spill.

Triple Safety System

Triple safety system provides high reliability and outstanding durability.

- 1. Lower Pressure Switch:** When refrigerant leaks out, the triple safety system sense the pressure change and automatically stops the operation.
- 2. Liquid Injection System:** When the temperature of the compressor increases accidently, liquid injection system system redirects cold refrigerant into the compressor and decreases the temperature.
- 3. High Pressure Switch:** When the pressure of refrigerant extremely increases, the high pressure switch automatically shuts down the compressor



18m Long-range Air Flow

The optimum combination of powerful fan motor and fan ensures a long-range air flow that reaches to 18m. So, it instantly cools even in a large room.



Duct Installation for a large space

With an installation of Duct, the air conditioner offers a powerfull cooling performance regardless of space characters.



Smart Saver

Since the Smart Saver makes the air conditioner to use the least amount of time to cool the room, you can save on the electricity bill.

Secure Fuction Lock

The Secure Function lock offers improved security by restricting the access of unselected users like a child.

Features

- Smart Saver
- Dehumidification
- 12 Hours Timer
- Fan Mode
- Auto Restart
- Anti-bacteria filter
- Indoor Temp. Display
- Anti-corrosion Fin
- 4 way air direction (manual)
- Remote Controller
- Scroll Compressor



Floor Standing Air Conditioner



4 Way Auto Swing

There's no need to use 2 air conditioners to cool one large area with a Samsung air conditioner. Powerful air flow from 4 directions cool every corner of the room so the entire room gets cool.

Full HD Filter

Filters with high density increase efficiency by up to 60% while thoroughly removing allergens and bacteria.



Full HD Filter



Conventional Filter



Full Touch Panel Control

The touch screen display panel lets you easily control the direction of air flow, adjust temperature, and simply adds modern luxury to your room.

Auto Shutter

When your air conditioner is turned on, the flaps open, ready to delivery pure, fresh air. When your air conditioner is turned off, however, the flaps close, imdeding dust particles from entering the interior of your air conditioner when not in use.



Features

- Full HD Filter
- Anti-bacteria
- 4 way Air Direction (Up/Down)
- Turbo Cooling
- Dehumidification
- Auto Mode
- Fan Mode
- Indoor Temp. Display
- Remote Controller
- 24-hour Timer
- Auto Restart
- Anti-corrosion Fin
- UTR Compressor

SINGLE Specification - Inverter/ Cooling Only / Heat Pump



Type						VIP		MIRAGE		
Model Name		Indoor Unit				AF28FVSDAWKNST	AF28FSSDAWKXFA	AP50MOANXSG	APOASOANXSG	AP50M1ANXSG
System	Mode	Outdoor Unit				AF28FVSDAWKXST	AF28FSSDAWKXFA	AP50MOAXXSG	APOASOAXXSG	AP50M1AXXSG
	Capacity	Cooling (Min / Std / Max)				INVERTER / COOLING	INVERTER / HEAT PUMP	COOLING ONLY	COOLING ONLY	HEAT PUMP
						(T1)8.3	(T1)8.2, (T3)7.0	14.0	28.1	14.0
		Heating (Min / Std / Max)				(T1)28.3/6.51	(T1)28.000, (T3)24.000	48,000	96,000	48,000
	Power	*Power Input				8.2	8.2	-	-	15.3
(Nominal)*						28,000	28,000	-	-	52,000
	Cooling (Min / Std / Max)	kW				(T1)2.625	(T1)2.6, (T3)3.2	4.66	4.66	-
	Heating (Min / Std / Max)	Btu/h				-	-	-	-	4.76
(Nominal)*		*Current Input				-	2.7	-	-	-
	Cooling (Min / Std / Max)	A				(T1)12.14	(T1)12.2, (T3)15	8.7	-	8.9
	Heating (Min / Std / Max)					-	-	-	-	-
Efficiency*		MCA				-	12.5	-	-	-
		MFA				-	-	-	-	-
	*Energy					-	-	-	-	-
	EER (Nominal Cooling)	Btu/hW				10.816	10.3	11.3	10.24	3.21
	COP (Nominal Heating)	W/W				-	-	-	-	-
Connections*		Energy Grade (C)				-	-	-	-	-
		Energy Grade (H)				-	-	-	-	-
	*Piping					-	-	-	-	-
	Liquid Pipe	Φ, mm				6.35	9.52	12.7	9.52	3/8"
	Gas Pipe	Φ, inch				-	-	3/8"	1/2"	19.05
Limitation*		Φ, mm				15.88	15.88	19.05	25.4	3/4"
		Φ, inch				-	-	3/4"	1"	-
	*Installation					-	-	-	-	-
Wiring*	Max. Length (Outdoor to indoor)	m				25	50	25	30	15
	Max. Height (Between ID/OD)	m				10	10	15	30	15
Indoor Unit	*Field					-	-	-	-	-
	Power Source Wire					-	-	-	-	-
	Transmission Cable					-	-	-	-	-
	Type					R-410A	R-410A	R22	R22	R22
	Control Method					-	-	-	-	-
Dimension*	Factory Charging					kg	-	-	-	-
	Power Supply	Φ, #, V, Hz				1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	Fan	Type				-	-	-	-	-
	Motor	Output				W	-	-	-	-
	Number of Unit	EA				-	-	-	-	-
	Air Flow Rate	High / Mid / Low				CMM	-	-	-	-
		I/s				-	-	-	-	-
	External Static Pressure	Min / Std / Max				mmAq	-	-	-	-
		Pa				-	-	-	-	-
	Drain	Φ, mm				VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)
	Sound	Sound Pressure				48 / 38	48 / 38	51	57	51
	Sound Power	Cooling				dB(A)	-	-	-	-
	*External					-	-	-	-	-
	Net Weight	kg				31	46	130	46	51
Accessories*	Shipping Weight	kg				35.5	35.5	51	143	51
	Net Dimensions (WxHxD)	mm				360 X 1948 X 269	360 X 1948 X 269	610 x 1850 x 400	1100 x 1800 x 485	610 x 1850 x 400
	Shipping Dimensions (WxHxD)	mm				-	-	-	-	-
	Panel model					-	-	-	-	-
	Panel Net Weight	kg				-	-	-	-	-
	Shipping Weight	kg				-	-	-	-	-
	Net Dimensions (WxHxD)	mm				-	-	-	-	-
	Shipping Dimensions (WxHxD)	mm				-	-	-	-	-
	*Additional					-	-	-	-	-
	Drain pump					-	-	-	-	-
Outdoor Unit	Max. Lifting Height / Displacement	mm/liter/h				-	-	-	-	-
	Air Filter					-	-	-	-	-
	Power Supply	Φ, #, V, Hz				1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
	Compressor	Type				ROTARY	ROTARY	UTR	SCROLL	UTR
	Model					-	-	-	-	-
	Output	kW				-	-	-	-	-
	Oil	Type				-	-	-	-	-
		Initial Charge				cc	-	-	-	-
	Fan	Air Flow Rate				CMM	-	-	-	-
	Sound	Cooling				-	-	-	-	-
Dimension*		I/s				-	-	-	-	-
	Sound Pressure	Cooling / Heating				57	57	55	65	55
	Sound Power	Cooling				dB(A)	-	-	-	-
	*External					-	-	-	-	-
	Net Weight	kg				53.5	91	220	100	108
Temp. Range*	Shipping Weight	kg				61.5	70	99	240	108
	Net Dimensions (WxHxD)	mm				880 X 798 X 310	880 X 950 X 320	932 x 1128 x 375	880 x 1646 x 765	932 x 1128 x 375
	Shipping Dimensions (WxHxD)	mm				-	-	-	-	-
Temp. Range*	*Operating					-	21~52	21~52	21~52	0~24
	Cooling					-	-	-	-	-
Temp. Range*	Heating					-	-	-	-	-
						-	-	-	-	-

CAC SINGLE

CEILING AIR CONDITIONER

CAC SINGLE is a smart choice for saving both money and energy. This economical outdoor unit employs advanced technologies to minimize waste and improve efficiency. By adopting smart inverter technology, CAC SINGLE not only offers silent operation but also provides outstanding cooling and heating performance.



- Features**
- World-class Energy Efficiency
 - Smaller and Lighter Unit
 - Simultaneous On/Off Function
 - Flexible Pipe Installation
 - Energy Cost Saving
 - Wide Temperature Performance
 - Comfortable Temperature
 - Fast Cooling and Heating

Energy Saving CAC SINGLE

CAC SINGLE

Top-Class Energy Efficiency

Smart inverter technology gives you powerful, quick cooling and heating with minimal electricity consumption, which means that you save money and reduce energy waste.

New EU Regulation for Air Conditioners

The EU aims to drastically cut the power consumption of air conditioners. Inefficient units will be gradually withdrawn from the market as of 2013. At the same time, the EU is introducing an improved energy labelling system by which consumers will have a better idea how much electricity their units consume.

New Regulation (on the basis of MEPS*)

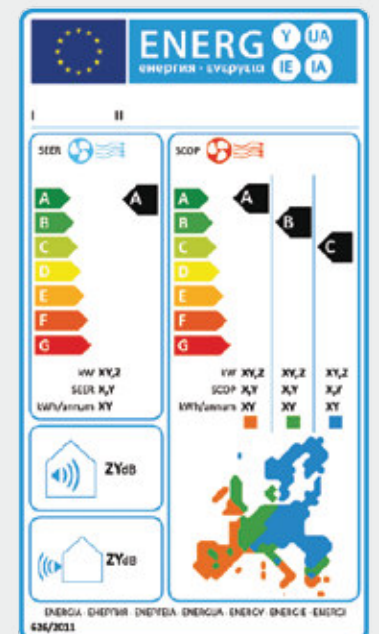
Divisions		Application
Energy Efficiency	SEER	Capacity ≤ 6 kW
		6 kW < Capacity ≤ 12 kW
	SCOP(avg.)	Capacity ≤ 12 kW
Sound Power	Capacity ≤ 6 kW	
	6 kW < Capacity ≤ 12 kW	

* MEPS (Minimum Energy Performance Standard)



- 4Way Cassette : A++ (Flagship/ Premium), A+ (Deluxe)
- Mini 4Way Cassette (600x600) : A++

New Energy Label



*Table 1: Introduction of revised energy consumption labelling for air conditioners as per EU Directive 2011/626/EU

Smaller and Lighter

Samsung new smart inverter outdoor unit is smaller and lighter than conventional products. New products are much easier to install since they are 25% lighter in weight, and are lower in height thanks to the single fan structure. Although new units are smaller and lighter, they offer equal performance as conventional 2 fan structured outdoor units.



*10kW Deluxe Model

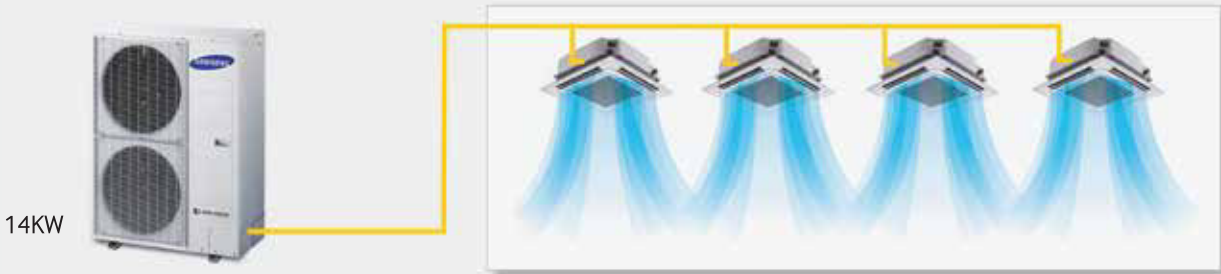
Energy Saving CAC SINGLE

Simultaneous On/Off Function

Instead of just one indoor unit, you can connect two, three, four units with a single outdoor unit for more efficient cooling and heating. The indoor units are simultaneously operated and controlled as one cycle within the same mode via one remote controller in up to 4 rooms. This system is ideal for spaces requiring multiple indoor units such as open-plan offices or shops.

Outdoor Unit Capacity	2 Rooms	3 Rooms	4 Rooms
7.1kW	3.5 + 3.5		
10kW	5.2 + 5.2		
12.5kW	6.0 + 6.0	5.2 + 5.2 + 5.2	
14kW	7.1 + 7.1	5.2 + 5.2 + 5.2	3.5 + 3.5 + 3.5 + 3.5

*4Way & Mini4Way CST is available.



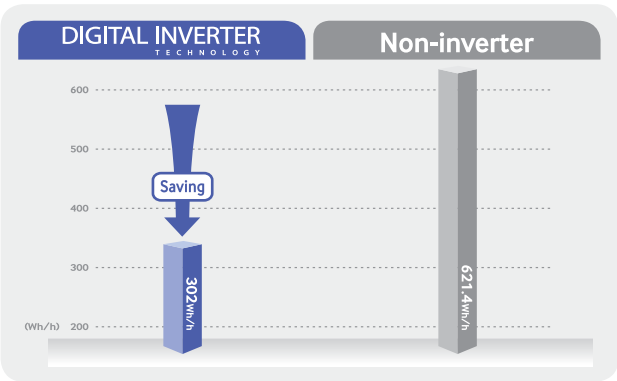
Flexible Pipe Installation

The pipe direction of our outdoor units can be freely selected as required. The internal pipe connection ports allow 4 different available pipe directions, meaning that the unit looks neater and organized once the pipe installation is done.



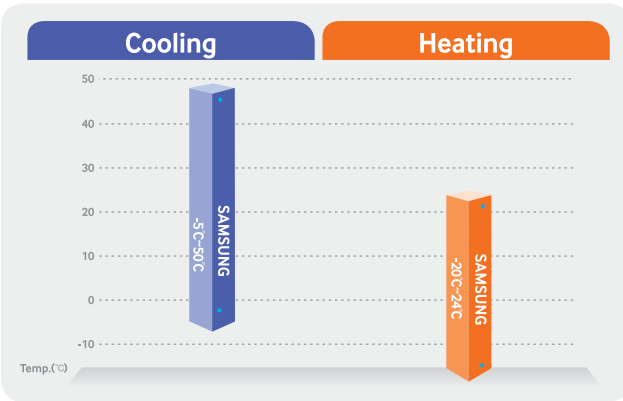
Save up to 50% in Energy Costs

After reaching the set temperature, the digital inverter air conditioner changes its operation mode to economical. By avoiding inefficient and frequent switching on and off of the compressor, the digital inverter saves up to 50% in energy consumption compared to non-inverter air conditioners.



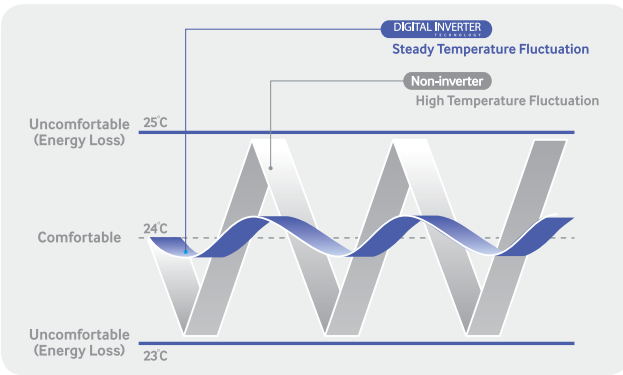
Wide Temperature Performance

When you use a Samsung air conditioner, there's no need to worry about using an additional unit for severe temperatures. Our units have a wider temperature allowance, meaning that they can cool in the burning heat of 50°C or provide heat in the freezing cold of -20°C to provide comfort in your home.



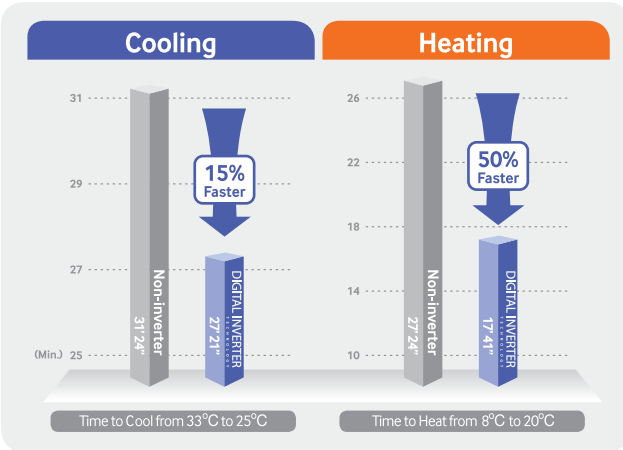
Comfortable Temperature

Digital inverter air conditioner works at maximum capacity at start-up. As soon as the temperature reaches the desired/set temperature, it performs fine adjustments to cope with any changes. This means that there is less temperature fluctuation, and comfort can be achieved in a matter of minutes.



Fast Cooling and Heating








When you change the temperature setting, the air conditioner will use the compressor's maximum capacity to quickly reach the desired temperature, resulting in 15% faster cooling and 50% faster heating.










SINGLE

Lineup & Feature - R22 / Cooling Only / On-Off

















Cassette

		50Hz	
MODEL			
		4Way CST S	VIPS 4way CST
CAPACITY (kW)	4.8	●	
	5.6		●
	6.0	●	
	7.0		●
	8.8	●	
	10.5		●
	11.7	●	
	14.1		●
FEATURES	 Wide Blade	●	
	 Ceiling Dust Prevention	●	●
	 High Lift-up Drain Pump	●	●
	 Fresh Air Intake	●	●
	 Sub Duct	●	●

Console & Ceiling

MODEL			
		Console	Ceiling (AC4000)
CAPACITY	2.8	●	
	3.6	●	
	5.6	●	●
	7.1		●
	10		● (May)
	12		● (May)
	14		● (May)
FEATURES	 Virus Doctor	●	
	 Interior Design	●	●
	 Anti-virus Filter	●	●
	 Lightweight Unit	●	●
	 Flexible Pipe Installation	●	●

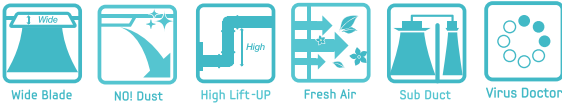
Duct

MODEL		Premium	Delux	Delux	Premium
		MSP	MSP	LSP	HSP
					
		DUCT S			Duct S (AC6000)
CAPACITY (kW)	2.6			●	
	3.5		●	●	
	5	●	●	●	
	6		●		
	7.1	●	●	●	
	9	●	●		
	10	●	●		
	12	●	●		
FEATURES	14	●	●		
	18				●
	20				●
	 The Slimmest Design	●	●	●	●
	 High Efficient H.E.X	●	●	●	●
	 Auto E.S.P Adjustment	●	●	●	(TBD)
	 3-way Service	●	●	●	●
	 Smart Pressure Control	●	●	●	●
	 Easier drain pump installation	●	●	●	●
	 High Lift-up Drain Pump	●	●	●	●
	 Pre Filter	●	●	●	●
	 Easy Filter Cleaning	●	●	●	●
	 Virus Doctor (Optional)	●	●	●	●
	 Smart Wi-Fi (Optional)	●	●	●	(TBD)
	 Zone Control (Optional)	●	●	●	●



Deluxe 4Way Cassette S

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



R22, Fixed, Cooling Only, T3

Type				Deluxe 4Way Cassette S	Deluxe 4Way Cassette S	Deluxe 4Way Cassette S	Deluxe 4Way Cassette S
Model Name	Indoor Unit	Outdoor Unit		AC018HB4DED/1D AC018HC4TED/1D	AC024HB4DED/1D AC024HC4TED/1D	AC036HB4DED/1D AC036HC4TED/1D	AC048HB4DED/1D AC048HC4TGD/1D
Mode				COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY
Capacity	Cooling (Min. / Std. / Max.)		kW	5.57	7.03	10.26	14.07
			Btu/h	19,000	24,000	35,000	48,000
	Cooling 46°C (Min. / Std. / Max.)		kW	4.69	6.15	9.09	12.60
			Btu/h	16,000	21,000	31,000	43,000
Power	Heating (Min. / Std. / Max.)		kW	-	-	-	-
			Btu/h	-	-	-	-
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.80	2.40	3.25	4.90
		Cooling (at 46°C)		2.10	2.85	4.00	5.65
Energy Efficiency		Heating (Min. / Std. / Max.)		-	-	-	-
	Power Input			-	-	-	-
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	8.50	11.50	14.50	9.20
		Cooling (at 46°C)		10.00	13.50	17.50	10.00
Piping Connections	MCA	Heating (Min. / Std. / Max.)	A	-	-	-	-
	MFA		A	13	17	25	15
	EER (Nominal Cooling)		WW	15	20	30	20
	EER (Nominal Cooling)		Btu/Wh	3.11	2.93	3.15	2.87
Field Wiring	COP (Nominal Heating)			10.6	10	10.8	9.8
	Liquid Pipe		Φ, mm	6.35	6.35	9.52	9.52
			Φ, inch	1/4"	1/4"	3/8"	3/8"
	Gas Pipe		Φ, mm	12.70	15.88	15.88	19.05
Refrigerant			Φ, inch	1/2"	5/8"	5/8"	3/4"
	Installation Limitation	Max. Length (Outdoor to Indoor)	m	30	50	50	30.0
		Max. Height (Between ID/OD)	m	15.0	15.0	30.0	30.0
	Power Source Wire		-	-	-	-	-
Refrigerant	Transmission Cable		-	-	-	-	-
	Type		-	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Control Method		-	R22	R22	R22	R22
	Factory Charging		kg	1.00	1.00	1.35	2.10
INDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Fan	Type		-	Turbo	Turbo	Turbo	Turbo
	Motor	Output	W	-	-	-	-
	Number of Unit		EA	1.00	1.00	1.00	1.00
	Air Flow Rate	High / Mid / Low	CMM	16.00/14.00/12.00	19.00/17.00/15.00	29.00/26.00/24.00	31.00/29.00/26.00
Drain	External Static Pressure	Min / Std / Max	mmAq	-	-	-	-
			Pa	-	-	-	-
	Drain Pipe		Φ,mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)
	Sound Pressure	High / Mid / Low	dB(A)	38/36/34	43/41/39	43/41/39	45/43/41
External Dimension	Sound Power	Cooling		-	-	-	-
	Net Weight		kg	15.50	15.50	19.00	19.00
	Shipping Weight		kg	19.50	19.50	24.00	24.00
	Net Dimensions (WxHxD)		mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840
Panel Size	Shipping Dimensions (WxHxD)		mm	898 x 275 x 898	898 x 275 x 898	898 x 357 x 898	898 x 357 x 898
	Panel model			-	-	-	-
	Panel Net Weight		kg	-	-	-	-
	Shipping Weight		kg	-	-	-	-
Additional Accessories	Net Dimensions (WxHxD)		mm	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-
	Drain pump	Drain pump	mm / liter/h	-	-	-	-
	Max. lifting Height / Displacement			-	-	-	-
OUTDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50
Compressor	Type		-	. Rotary	. Rotary	. Scroll	. Scroll
	Model		-	UR8B180JHDEH	UR5A250JHDEM	C-SBR120H15P	63T510BTAHV
	Output		kW	1.96	2.42	3.25	4.76
	Oil	Type	-	SUNISO	SUNISO	L-DRC/B56	-
Fan	Initial Charge		cc	-	-	-	-
	Air Flow Rate	Cooling	CMM	45.00	53.00	70.00	90.00
	Sound Pressure	Cooling / Heating	dB(A)	50	53	53	55
	Sound Power	Cooling		-	-	-	-
External Dimension	Net Weight		kg	42.00	51.00	77.00	90.00
	Shipping Weight		kg	46.00	54.00	82.00	100.00
	Net Dimensions (WxHxD)		mm	880 x 638 x 310	880 x 638 x 310	880 x 967 x 320	932 x 1162 x 375
	Shipping Dimensions (WxHxD)		mm	1024 x 750 x 414	1024 x 750 x 414	1062 x 1043 x 411	1091 x 1286 x 472
Operating Temp. Range	Cooling		°C	21~54	21~54	21~54	21~54
	Heating		°C	-	-	-	-

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WHO*



MWR-SH00



MR-ECO0

Panel



PC4NUSKA



PC4NBSKA



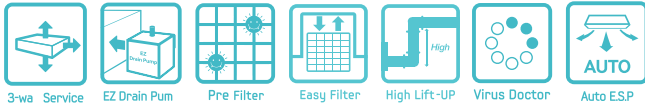
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SINGLE Specification - R22 / Cooling Only / On-off



Duct S

- The Slimmest and The Light Design
- 3-Way Service
- Automatic ESP Adjustment
- Virus Doctor (Optional)
- Easier Drain Pump Installation



50Hz									
Model Name	Indoor Unit			AC018BMDKD/EA	AC024HBMDKD/EA	AC036HBMDKD/EA	AC036HBMDKD/EA	AC042HBMDKD/EA	AC048HBMDKD/EA
Mode	Outdoor Unit			AC018HCBDED/EA	AC024HCBDED/EA	AC036HCBDED/EA	AC036HCBDED/EA	AC042HCBDED/EA	AC048HCBDED/EA
Capacity (Nominal)	Cooling (Min. / Std. / Max.)			-	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY	COOLING ONLY
	Heating (Min. / Std. / Max.)			-	-	-	-	-	-
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)		5.28	7.04	10.56	10.56	12.32	14.08
	Heating (Min. / Std. / Max.)			18.000	24.000	36.000	36.000	42.000	48.000
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)		-	-	-	-	-	-
	Heating (Min. / Std. / Max.)			-	-	-	-	-	-
	MCA			1.80	2.28	3.71	3.71	3.82	4.97
Energy Efficiency	MFA			-	-	-	-	-	-
	EER (Nominal Cooling)			8.40	10.60	17.10	6.40	6.80	9.30
	COP (Nominal Heating)			-	-	-	-	-	-
	Energy Grade			12.3	18.5	29.5	11.5	10.7	16.2
				15.00	22.50	35.00	12.70	11.80	17.80
Piping Connections	Liquid Pipe			2.93	3.09	2.85	2.85	3.23	2.83
	Gas Pipe			-	-	-	-	-	-
	Installation Limitation			Energy Grade(C) 3 star	Energy Grade(C) 3 star	Energy Grade(C) 3 star	Energy Grade(C) 3 star	Energy Grade(C) 3 star	Energy Grade(C) 3 star
				-	-	-	-	-	-
				-	-	-	-	-	-
Field Wiring	Power Source Wire			6.35	6.35	9.52	9.52	9.52	9.52
	Transmission Cable			1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
Refrigerant	Type			12.70	15.88	15.88	15.88	19.05	19.05
	Control Method			5/8"	5/8"	5/8"	5/8"	3/4"	3/4"
INDOOR UNIT	Factory Charging			30(CS)	30(CS)	50(CS)	50(CS)	50(CS)	50(CS)
				15.0(15.0)	15.0(15.0)	30.0(30.0)	30.0(30.0)	30.0(30.0)	30.0(30.0)
Power Supply	Type			2.5	2.5	4.5	4.5	3	3
	Transmission Cable			0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Fan	Motor			-	-	-	-	-	-
	Number of Unit			0.90	1.03	1.56	1.56	1.80	2.20
Drain	Drain Pipe			1,2,220-240.50/60	1,2,220-240.50/60	1,2,220-240.50/60	1,2,220-240.50/60	1,2,220-240.50/60	1,2,220-240.50/60
	Sound Pressure			-	-	-	-	-	-
Sound	Sound Power			80	80	153	153	244	244
	Net Weight			2	2	3	3	3	3
External Dimension	Shipping Weight			15.00/12.00/9.00	21.00/18.00/15.00	35.00/32.00/29.00	35.00/32.00/29.00	39.00/36.00/33.00	44.00/39.00/35.00
	Net Dimensions (WxHxD)			250.00/200.00/150.00	350.00/300.00/250.00	583.33/533.33/483.33	583.33/533.33/483.33	650.00/600.00/550.00	733.33/650.00/583.33
Panel Size	Shipping Dimensions (WxHxD)			0.00/0.00/6.00	0.00/0.00/6.00	0.00/0.00/10.00	0.00/0.00/10.00	0.00/0.00/10.00	0.00/0.00/10.00
	Panel model			0.00/0.00/58.84	0.00/0.00/58.84	0.00/0.00/98.07	0.00/0.00/98.07	0.00/0.00/98.07	0.00/0.00/98.07
Additional Accessories	Drain pump			VP20 (OD 26.1D 20)	VP20 (OD 26.1D 20)	VP20 (OD 26.1D 20)	VP20 (OD 26.1D 20)	VP20 (OD 26.1D 20)	VP20 (OD 26.1D 20)
	Air Filter			35.0 / 31.0 / 27.0	37.0 / 33.0 / 29.0	39.0 / 36.0 / 33.0	39.0 / 36.0 / 33.0	40.0 / 37.0 / 33.0	40.0 / 37.0 / 33.0
OUTDOOR UNIT	Type			-	-	-	-	-	-
	Model			25.0	25.0	32.5	32.5	38.0	38.0
Compressor	Output			29.0	29.0	37.0	37.0	45.0	45.0
	Oil			850 x 250 x 700	850 x 250 x 700	1200 x 250 x 700	1200 x 250 x 700	1300 x 300 x 700	1300 x 300 x 700
Fan	Air Flow Rate			1100 x 320 x 780	1100 x 320 x 780	1450 x 320 x 780	1450 x 320 x 780	1550 x 370 x 780	1550 x 370 x 780
	Initial Charge			-	-	-	-	-	-
Sound	Net Weight			-	-	-	-	-	-
	Shipping Weight			-	-	-	-	-	-
External Dimension	Net Dimensions (WxHxD)			-	-	-	-	-	-
	Shipping Dimensions (WxHxD)			-	-	-	-	-	-
Operating Temp. Range	Cooling			-	-	-	-	-	-
	Heating			-	-	-	-	-	-

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Optional Accessories



Optional Accessories



SINGLE Specification - R22 / Cooling Only / On-off



Duct S

- The Slimmest and The Light Design
- 3-Way Service
- Automatic ESP Adjustment
- Virus Doctor (Optional)
- Easier Drain Pump Installation

50Hz

Model Name	Indoor Unit			Duct S
Mode	Outdoor Unit			AC054HBMDKD/EA
			-	AC054HCBGDG/EA
				COOLING ONLY
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	15.53
			Btu/h	53,000
	Heating (Min. / Std. / Max.)		kW	-
			Btu/h	-
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	5.50
		Heating (Min. / Std. / Max.)	-	-
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	10.00
		Heating (Min. / Std. / Max.)	-	-
	MCA		A	-
	MFA		A	17.50 (MCA)
Energy Efficiency	EER (Nominal Cooling)		-	21.00
	COP (Nominal Heating)		-	2.82
	Energy Grade		-	-
			-	-
Piping Connections	Liquid Pipe		Φ, mm	-
			Φ, inch	9.52
	Gas Pipe		Φ, mm	3/8"
			Φ, inch	19.05
	Installation Limitation	Max. Length (Outdoor to indoor)	m	3/4"
		Max. Height (Between ID/OD)	m	50
Field Wiring	Power Source Wire		-	30
	Transmission Cable		-	4
	Type		-	0.75~1.25
Refrigerant	Control Method		-	R22
	Factory Charging		kg	-
INDOOR UNIT				1.80
Power Supply			Φ, #, V, Hz	1,2,220-240,50/60
	Type		-	Sirocco Fan
Fan	Motor	Output	W	244
	Number of Unit		EA	3
	Air Flow Rate	High / Mid / Low	CMM	44.00/39.00/35.00
			l/s	733.33/650.00/583.33
	External Static Pressure	Min / Std / Max	mmAq	0.00/0.00/10.00
			Pa	0.00/0.00/98.07
Drain	Drain Pipe		Φ,mm	VP20 (OD 26,ID 20)
Sound	Sound Pressure	High / Mid / Low	dB(A)	41.0 / 38.0 / 34.0
	Net Weight		kg	-
External Dimension	Shipping Weight		kg	38
	Net Dimensions (WxHxD)		mm	45
	Shipping Dimensions (WxHxD)		mm	1300 x 300 x 700
	Panel model		-	1550 x 370 x 780
Panel Size	Panel Net Weight		kg	-
	Shipping Weight		kg	-
	Net Dimensions (WxHxD)		mm	-
	Shipping Dimensions (WxHxD)		mm	-
Additional Accessories	Drain pump	Drain pump	-	-
	Max. lifting Height / Displacement	mm / liter/h	-	MDP-G075SP
	Air Filter		-	-
OUTDOOR UNIT				-
Power Supply			Φ, #, V, Hz	3,4,380~415,50
	Type		-	. Scroll
Compressor	Model		-	C-SBX215H38P
	Output		kW	-
	Oil	Type	-	SAY56T
		Initial Charge	cc	1700
Fan	Air Flow Rate	Cooling	CMM	90
			l/s	1,500
Sound	Sound Pressure	Cooling / Heating	dB(A)	56
	Net Weight		kg	-
External Dimension	Shipping Weight		kg	94
	Net Dimensions (WxHxD)		mm	104
	Shipping Dimensions (WxHxD)		mm	932 x 1162 x 375
Operating Temp. Range	Cooling		°C	1091 x 1286 x 472
	Heating		°C	21~43

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH10*

MWR-SH10

MRE-ECO0

MIRK-A00

MIRW-10A

Drain Pump

MDP-E07SSEE3

SINGLE Specification - R22 / Cooling Only / On-off



Ceiling

- Interior Design
- Light weight and slim Design



50Hz									
Model Name	Indoor Unit			AC012HBCPED/TS	AC018HBCPED/TS	AC024HBCPED/TS	AC030HBCPED/TS	AC036HBCPED/TS	AC042HBCPED/TS
Mode	Outdoor Unit		-	AC012HBCPED/TS	AC018HBCPED/TS	AC024HBCPED/TS	AC030HBCPED/TS	AC036HBCPED/TS	AC042HBCPED/TS
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	3.66	5.28	7.03	8.79	10.55	12.31
	Heating (Min. / Std. / Max.)		Btu/h	12,500	18,000	24,000	30,000	36,000	42,000
			kW	-	-	-	-	-	-
			Btu/h	-	-	-	-	-	-
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.02	1.55	2.07	2.72	3.27	4.40
	Current Input (Nominal)	Heating (Min. / Std. / Max.)	-	-	-	-	-	-	-
		Cooling (Min. / Std. / Max.)	-	-	-	-	-	-	-
	MCA	Heating (Min. / Std. / Max.)	A	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	MFA	-	A	6.30 (Max.)	10.90 (Max.)	14.50 (Max.)	17.50 (Max.)	19.20 (Max.)	8.60 (Max.)
Energy Efficiency	EER (Nominal Cooling)		A	16	16	25	30	20	20
	COP (Nominal Heating)		-	3.59	3.41	3.40	3.23	3.23	2.80
	Energy Grade	-	-	-	-	-	-	-	-
		-	-	5STAR	5STAR	5STAR	5STAR	5STAR	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	9.52	9.52	9.52	9.52
	Gas Pipe		Φ, inch	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
			Φ, mm	12.70	12.70	19.05	19.05	19.05	22.23
			Φ, inch	1/2"	1/2"	3/4"	3/4"	3/4"	7/8"
	Installation Limitation	-	m	15(15)	30(30)	30(30)	35(35)	35(35)	50(50)
		-	m	8.0(8.0)	10.0(10.0)	10.0(10.0)	15.0(15.0)	15.0(15.0)	25.0(25.0)
Field Wiring	Power Source Wire	-	-	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5
	Transmission Cable	-	-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type	-	-	R22	R22	R22	R22	R22	R22
	Control Method	-	-	-	-	-	-	-	-
	Factory Charging	-	kg	1.15	2.15	2.10	2.65	2.80	3.60
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	Type	-	-	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco
	Motor	Output	W	35	55	115	90	90	85
	Number of Unit	-	EA	1.00	1.00	1.00	2.00	2.00	2.00
	Air Flow Rate	-	CMM	11,67/10,00/8,33	20,00/18,00/14,83	25,00/20,00/16,67	31,67/30,00/28,33	31,67/30,00/28,33	35,83/31,67/28,33
		-	l/s	194.50/166.67/138.83	333.33/300.00/247.17	416.67/333.33/277.83	527.83/500.00/472.17	527.83/500.00/472.17	597.17/527.83/472.17
	External Static Pressure	Min / Std / Max	-	-	-	-	-	-	-
Drain	Drain Pipe	Φ,mm	-	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.5 / 33.0 / 28.5	47.5 / 47.0 / 32.5	45.0 / 43.0 / 41.0	47.0 / 44.0 / 42.0	47.0 / 44.0 / 42.0	50.0 / 47.0 / 43.0
	Net Weight	-	kg	25.70	26.00	29.00	38.00	38.00	38.00
External Dimension	Shipping Weight	-	kg	30.50	30.70	35.00	45.00	45.00	44.00
	Net Dimensions (WxHxD)	-	mm	1068 x 235 x 675	1068 x 235 x 675	1285 x 235 x 675	1650x 235 x 675	1650x 235 x 675	1650x 235 x 675
Panel Size	Shipping Dimensions (WxHxD)	-	mm	1145 x 313 x 755	1145 x 313 x 755	1360 x 313 x 755	1725 x 313 x 755	1725 x 313 x 755	1725 x 313 x 755
	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	-	-	-	-	-	-	-	-	-
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	3,4,380-415,50
Compressor	Type	-	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Model	-	-	HSM195V1UFT	PH290G2C-4KUL1	PH400G2C-4MUL	LH48VBGC	ZR42K3-PFJ-522	UR3T480BUAHV
	Output	kW	3.40	5.76	8.02	8.02	14.21	15.09	15.09
	Oil	Type	-	4GSD/NM56EP	4GSD/NM56EP	4GSD/NM56EP	ATMOS-NM56EP	BLENDED WHITE MINERAL OIL	ATMOS-NM56EP
Fan	Air Flow Rate	-	cc	350.00	570.00	850	900	1169	1700
		-	CMM	30.50	41.67	58.33	97.50	97.50	120.00
		-	l/s	508.33	694.50	972.17	1,625.00	1,625.00	2,000.00
	Sound	Sound Pressure	Cooling / Heating	dB(A)	50.5	54	54	56	56
External Dimension	Net Weight	-	kg	29.00	50.00	60.00	78.5	81.00	108.00
	Shipping Weight	-	kg	31.50	52.50	65.00	88.5	91.00	120.00
	Net Dimensions (WxHxD)	-	mm	780 x 547 x 250	842 x 695 x 324	895 x 862 x 313	990 x 966 x 354	990 x 966 x 354	938 x 1369 x 448
	Shipping Dimensions (WxHxD)	-	mm	910 x 575 x 335	965 x 915 x 395	1043 x 915 x 395	1120 x 1100 x 435	1120 x 1100 x 435	1080 x 1405 x 480
Operating Temp. Range	Cooling	-	°C	18-43	18-43	18-43	18-43	18-43	18-43
	Heating	-	°C	-	-	-	-	-	-

SINGLE Specification - R22 / Cooling Only / On-off



Ceiling

- Interior Design
- Light weight and slim Design
- Flexible Pipe Installation



50Hz					
Model Name	Indoor Unit	Outdoor Unit		NS018CCREC	NS024CCREC
Mode				RC018FCCREC	RC024FCCREC
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		-	COOLING ONLY	COOLING ONLY
			kW	4.50	6.00
	Heating (Min. / Std. / Max.)		Btu/h	15,500	20,500
			kW	-	-
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.65	1.95
				Heating (Min. / Std. / Max.)	-
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	7.00	9.00
				Heating (Min. / Std. / Max.)	-
	MCA		A	10.50 (Max)	12.50 (Max)
	MFA		A	30.00	30.00
Energy Efficiency	EER (Nominal Cooling)		-	2.73	3.08
	COP (Nominal Heating)		-	-	-
	Energy Grade		-	-	-
			-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35
			Φ, inch	1/4"	1/4"
	Gas Pipe		Φ, mm	12.70	12.70
			Φ, inch	1/2"	1/2"
	Installation Limitation	Max. Length (Outdoor to indoor)	m	30(35)	30(35)
			Max. Height (Between ID/OD)	m	15(15)
Field Wiring	Power Source Wire		-	2.5 ~ 2.5	2.5 ~ 2.5
	Transmission Cable		-	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R22	R22
	Control Method		-	-	-
	Factory Charging		kg	0.75	1.05
INDOOR UNIT					
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Type		-	Sirocco Fan / SSR	Sirocco Fan / SSR
	Motor	Output	W	35.00	50.00
	Number of Unit		EA	2.00	2.00
	Air Flow Rate	High / Mid / Low	CMM	13.10/12.20/11.00	15.40/14.10/13.20
	External Static Pressure	Min / Std / Max	l/s	218.33/203.33/183.33	256.67/235.00/220.00
Drain			mmAq	-	-
			Pa	-	-
Sound	Drain Pipe		Φ, mm	ID 18 HOSE	ID 18 HOSE
	Sound Pressure	High / Mid / Low	dB(A)	43.00/41.0/38.0	46.00/44.0/42.0
External Dimension	Net Weight		kg	22.00	22.00
	Shipping Weight		kg	26.00	26.00
	Net Dimensions (WxHxD)		mm	1000 x 200 x 650	1000 x 200 x 650
	Shipping Dimensions (WxHxD)		mm	1074 x 285 x 726	1074 x 285 x 726
Panel Size	Panel model		-	-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (WxHxD)		mm	-	-
Additional Accessories	Shipping Dimensions (WxHxD)		mm	-	-
	Drain pump		- <td>-</td> <td>-</td>	-	-
	Drain pump	Drain pump	- <td>-</td> <td>-</td>	-	-
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-
OUTDOOR UNIT					
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Type		-	-	-
	Model		-	UR8B165JHDEHSS	UR8B200DUBEHSS
	Output		kW	1.62	1.83
Compressor	Oil	Type	-	-	-
		Initial Charge	- <td>-</td> <td>-</td>	-	-
			cc	550.00	550.00
			CMM	36.50	38.00
Fan	Air Flow Rate	Cooling	l/s	608.33	633.33
	Sound Pressure	Cooling / Heating	dB(A)	50.0	51.0
External Dimension	Net Weight		kg	33.00	37.50
	Shipping Weight		kg	36.50	42.00
	Net Dimensions (WxHxD)		mm	720 x 548 x 265	790 x 548 x 285
	Shipping Dimensions (WxHxD)		mm	849 x 609 x 355	926 x 630 x 384
Operating Temp. Range	Cooling		°C	21~43	21~43
	Heating		°C	-	-

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Optional Accessories

Standard Accessories

Individual Controllers



MWR-WE10MWR-WH0*MWR-SH00MR-EC00

Wireless Remote Controller





Specification - R22 / Heat Pump / On-off



4Way Cassette

- Stylish Panel Design
- Efficient Cooling
- Turbo Fan
- Easy Leveling



50Hz									
Model Name	Indoor Unit	Outdoor Unit		NS0184HREA RC018FQREA	NS0244HREA RC024FQREA	NS0364HREA RC036FQREA	NS0364HREA RC036FQREGA	NS0484HREA RC048FQREGA	
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	5.42	7.03	10.55	10.55	14.07	
	Heating (Min. / Std. / Max.)		BTU/h	18,500	24,000	36,000	36,000	48,000	
Power			kW	6.30	7.62	10.55	10.55	14.65	
			BTU/h	21,500	26,000	36,000	36,000	50,000	
Energy Efficiency	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	2.12	2.70	3.70	3.70	5.40	
	Current Input (Nominal)	Heating (Min. / Std. / Max.)	A	2.00	2.55	3.45	3.20	5.39	
	MCA	Cooling (Min. / Std. / Max.)	A	9.50	11.50	15.20	6.20	9.50	
	MFA	Heating (Min. / Std. / Max.)	A	9.00	11.00	14.20	5.70	9.50	
Piping Connections	EER (Nominal Cooling)		-	20.00	20.00	30.00	20.00	20.00	
	COP (Nominal Heating)		-	2.56	2.61	2.85	2.85	2.61	
	Energy Grade		-	3.15	2.99	3.06	3.30	2.72	
			-	-	-	-	-	-	
Field Wiring	Liquid Pipe		Φ, mm	6.35	6.35	9.52	9.52	9.52	
	Gas Pipe		Φ, inch	1/4"	1/4"	3/8"	3/8"	3/8"	
	Installation Limitation	Max. Length (Outdoor to indoor)	Φ, mm	12.70	15.88	15.88	15.88	19.05	
		Max. Height (Between ID/OD)	Φ, inch	1/2"	5/8"	5/8"	5/8"	3/4"	
Refrigerant	Power Source Wire		m	30(35)	30(35)	50(55)	50(55)	50(55)	
	Transmission Cable		m	15(15)	15(15)	30(30)	30(30)	30(30)	
	Type		-	-	-	5.5 ~ 5.5	5.5 ~ 5.5	-	
	Control Method		-	-	-	0.7 ~ 1.25	0.7 ~ 1.25	-	
INDOOR UNIT	Factory Charging		-	R22	R22	R22	R22	R22	
			-	-	-	-	-	-	
			kg	1.35	2.00	2.40	2.55	2.80	
			-	-	-	-	-	-	
Power Supply	Type		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	
	Motor		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
	Number of Unit	Output	W	-	-	-	-	-	
	Air Flow Rate		EA	1.00	1.00	1.00	1.00	1.00	
Fan	External Static Pressure	High / Mid / Low	CMM	19.02/17.63/16.15	20.51/18.54/16.07	-	-	41.13/37.65/33.95	
			l/s	317.00/293.83/269.17	341.83/309.00/267.83	-	-	685.50/627.50/565.83	
			mmAq	-	-	-	-	-	
			Pa	-	-	-	-	-	
Drain	Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
	Sound Pressure	High / Mid / Low	dB(A)	35.00/33.0/31.0	42.00/40.0/38.0	43.00/41.0/39.0	43.00/41.0/39.0	47.00/45.0/43.0	
	Net Weight		kg	24.00	24.00	30.00	30.00	30.50	
	Shipping Weight		kg	30.00	30.00	36.00	36.00	37.00	
External Dimension	Net Dimensions (WxHxD)		mm	840 x 218 x 840	840 x 218 x 840	840 x 298 x 840	840 x 298 x 840	840 x 298 x 840	
	Shipping Dimensions (WxHxD)		mm	925 x 280 x 925	925 x 280 x 925	925 x 360 x 925	925 x 360 x 925	925 x 360 x 925	
	Panel model		-	P4SMA	P4SMA	P4SMA	P4SMA	P4SMA	
	Panel Net Weight		kg	7.00	7.00	7.00	7.00	7.00	
Panel Size	Shipping Weight		kg	10.30	10.30	10.30	10.30	10.30	
	Net Dimensions (WCHDD)		mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	
	Shipping Dimensions (WCHDD)		mm	1042 x 103 x 1042	1042 x 103 x 1042	1042 x 103 x 1042	1042 x 103 x 1042	1042 x 103 x 1042	
	Drain pump		-	-	-	-	-	-	
Additional Accessories	Max. lifting Height / Displacement		mm / liter/h	-	-	-	-	-	
	Air Filter		-	-	-	-	-	-	
			-	-	-	-	-	-	
			-	-	-	-	-	-	
OUTDOOR UNIT									
Power Supply	Type		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	3,4,380-415,50	
	Model		-	-	-	-	-	-	
	Output		kW	48B200JTAEH-SS	55A250JTAEM-SS	C-SBR120H15P	C-SB263H8A	63T510BTAHV-SS	
	Oil		cc	5.71	7.41	9.70	9.60	15.21	
Fan	Initial Charge	Type	-	-	-	-	-	-	
	Air Flow Rate	Cooling	CMM	-	-	-	-	-	
	Sound Pressure	Cooling / Heating	l/s	-	-	-	-	-	
			dB(A)	51.0 / 53.0	54.0 / 55.0	53.0 / 55.0	54.0 / 56.0	55.0 / 57.0	
External Dimension	Net Weight		kg	41.00	55.00	85.00	85.00	104.00	
	Shipping Weight		kg	44.00	60.00	90.00	90.00	114.00	
	Net Dimensions (WxHxD)		mm	790 x 548 x 285	880 x 638 x 310	880 x 931 x 320	880 x 931 x 320	932 x 1128 x 375	
	Shipping Dimensions (WxHxD)		mm	926 x 600 x 382	1023 x 744 x 413	1043 x 1062 x 411	1043 x 1062 x 411	1091 x 1286 x 472	
Operating Temp. Range	Cooling		°C	21~54	21~54	21~54	21~54	21~54	
	Heating		°C	-5~24	-5~24	-5~24	-5~24	-5~24	
			-	-	-	-	-	-	
			-	-	-	-	-	-	

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Optional Accessories

Individual Controllers



MWR-WE10MWR-WH10*MWR-SH100MR-EH100

Panel



P4SMA



Specification (R22/Heat Pump/On-off)

MSP Duct



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



Model Name	Indoor Unit			NS012SHREA RC012FQREA	NS018SHREA RC018FQREA	NS024SHREA RC024FQREA	NS036SHREA RC036FQREA
Mode	Outdoor Unit		-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity	Cooling (Min. / Std. / Max.)		kW	3.5	5.4	7.0	10.5
			Btu/h	12,000	18,500	24,000	36,000
	Heating (Min. / Std. / Max.)		kW	4.0	6.3	7.6	10.5
			Btu/h	13,500	21,500	26,000	36,000
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.55	2.22	2.99	3.90
		Heating (Min. / Std. / Max.)		1.50	2.05	2.86	3.27
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	6.90	10.00	12.50	16.00
		Heating (Min. / Std. / Max.)		6.70	9.50	12.50	14.00
	MCA		A	-	-	-	-
	MFA		A	20.00	20.00	20.00	30.00
Energy Efficiency	EER (Nominal Cooling)		-	2.27	2.44	2.36	2.71
	COP (Nominal Heating)		-	2.64	3.07	2.66	3.23
	Energy Grade		-	-	-	-	-
			-	-	-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	1/4"	3/8"
	Gas Pipe		Φ, mm	9.52	12.70	15.88	15.88
			Φ, inch	3/8"	1/2"	5/8"	5/8"
	Installation Limitation	Max. Length (Outdoor to indoor)	m	30	30	30	50
Field Wiring		Max. Height (Between ID/OD)	m	15	15	15	30
	Power Source Wire		-	4 ~ 4	-	-	5.5 ~ 5.5
	Transmission Cable		-	0.75 ~ 1.25	-	-	0.7 ~ 1.25
Refrigerant	Type		-	R22	R22	R22	R22
	Control Method		-	-	-	-	-
	Factory Charging		kg	1.00	1.35	2.00	2.40
INDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor	Output	W	-	-	-	-
	Number of Unit		EA	1	1	1	1
	Air Flow Rate	High / Mid / Low	CMM	10.66/9.70/8.53	16.52/14.26/12.13	21.94/21.20/20.27	29.20/27.30/23.20
			l/s	177.67/161.67/142.17	275.33/237.67/202.17	365.67/353.33/337.83	486.67/455.00/386.67
	External Static Pressure	Min / Std / Max	mmAq	0.00/2.00/4.00	2.00/4.00/6.00	2.00/4.00/6.00	6.00/8.00/10.00
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)
Sound	Sound Pressure	High / Mid / Low	dB(A)	28.00/26.0/24.0	37.00/35.0/33.0	42.00/40.0/38.0	42.00/40.0/38.0
External Dimension	Net Weight		kg	28.5	29.0	29.0	40.0
	Shipping Weight		kg	34.0	35.0	35.0	45.0
	Net Dimensions (WxHxD)		mm	900 x 260 x 480	900 x 260 x 480	900 x 260 x 480	1150 x 320 x 480
	Shipping Dimensions (WxHxD)		mm	1155 x 354 x 593	1155 x 354 x 593	1155 x 354 x 593	1400 x 430 x 590
Panel Size	Panel model		-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-
	Shipping Weight		kg	-	-	-	-
	Net Dimensions (WCHDD)		mm	-	-	-	-
	Shipping Dimensions (WCHDD)		mm	-	-	-	-
Additional Accessories	Drain pump	Drain pump	-	MDP-E075SEE3	MDP-M075SGU3	MDP-M075SGU3	MDP-M075SGU1
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-
OUTDOOR UNIT							
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Compressor	Type		-	-	-	-	-
	Model		-	44D129JTAEL-SS	48B200JTAEH-SS	55A250JTAEM-SS	C-SBR120H15P
	Output		kW	3.75	5.71	7.41	9.70
	Oil	Type	-	-	-	-	-
Fan		Initial Charge	cc	-	-	-	-
	Air Flow Rate	Cooling	CMM	-	-	-	-
			l/s	-	-	-	-
Sound	Sound Pressure	Cooling / Heating	dB(A)	48.0 / 50.0	51.0 / 53.0	54.0 / 55.0	54.0 / 56.0
External Dimension	Net Weight		kg	36.50	41.00	55.00	85.00
	Shipping Weight		kg	39.50	44.00	60.00	90.00
	Net Dimensions (WxHxD)		mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 931 x 320
	Shipping Dimensions (WxHxD)		mm	926 x 600 x 382	926 x 600 x 382	1023 x 744 x 413	1043 x 1062 x 411
Operating Temp. Range	Cooling		°C	21~54	21~54	21~54	21~54
	Heating		°C	-5~24	-5~24	-5~24	-5~24

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-SH00



MR-EH00



MRK-A00



MWR-10A

Drain Pump



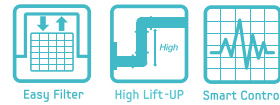
MDP-E075SEE3
MDP-M075SGU1/3
MDP-N047SNC1

CAC Specification (R22/Heat Pump/On-off)

MSP Duct



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



Model Name	Indoor Unit	Outdoor Unit		NS048SHREA RC048FORGA	NS060SHREA RC060FORGA
Mode				HEAT PUMP	HEAT PUMP
Capacity	Cooling (Min. / Std. / Max.)		kW	14.1	16.7
			Btu/h	48,000	57,000
	Heating (Min. / Std. / Max.)		kW	14.6	17.9
			Btu/h	50,000	61,000
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	5.72	6.55
		Heating (Min. / Std. / Max.)		5.20	6.35
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	9.50	11.00
		Heating (Min. / Std. / Max.)		9.50	11.00
	MCA		A		
Energy Efficiency	EER (Nominal Cooling)		A	20.00	20.00
	COP (Nominal Heating)		-	2.46	2.55
			-	2.82	2.82
	Energy Grade		-	-	-
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52
			Φ, inch	3/8"	3/8"
	Gas Pipe		Φ, mm	19.05	19.05
			Φ, inch	3/4"	3/4"
	Installation Limitation	Max. Length (Outdoor to indoor)	m	50	50
Field Wiring	Power Source Wire	Max. Height (Between ID/OD)	m	30	30
	Transmission Cable		-	-	4 ~ 4
Refrigerant	Type		-	-	0.75 ~ 1.25
	Control Method		-	R22	R22
	Factory Charging		kg	-	-
INDOOR UNIT					
Power Supply	Type		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Motor	Output	-	Sirocco Fan	Sirocco Fan
	Number of Unit		W	-	-
			EA	2	2
	Air Flow Rate	High / Mid / Low	CMM	41.13/37.65/33.95	42.30/38.06/28.01
External Static Pressure			l/s	685.50/627.50/565.83	705.00/634.33/466.83
			mmAq	6.00/6.00/10.00	6.00/6.00/10.00
			Pa	58.84/78.45/98.07	58.84/78.45/98.07
			VP25 (OD 32.ID 25)	45.00/43.0/41.0	46.00/44.0/42.0
Drain	Drain Pipe		Φ,mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
	Sound Pressure	High / Mid / Low	dB(A)	45.00/43.0/41.0	46.00/44.0/42.0
	Net Weight		kg	50.0	49.0
	Shipping Weight		kg	60.0	59.0
External Dimension	Net Dimensions (WxHxD)		mm	1200 x 360 x 650	1200 x 360 x 650
	Shipping Dimensions (WxHxD)		mm	1447 x 425 x 769	1447 x 425 x 769
	Panel model		-	-	-
	Panel Net Weight		kg	-	-
Panel Size	Shipping Weight		kg	-	-
	Net Dimensions (WDHDD)		mm	-	-
	Shipping Dimensions (WDHDD)		mm	-	-
	Shipping Dimensions (WDHDD)		mm	-	-
Additional Accessories	Drain pump	Drain pump	-	MDP-M075SGU2	MDP-M047SNC1
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-
OUTDOOR UNIT					
Power Supply	Type		Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50
	Model		-	-	-
	Output		-	63T510BTAHV-SS	C-SBX215H38P
			kW	15.21	-
	Oil	Type	-	-	-
Fan	Initial Charge		cc	-	-
	Air Flow Rate	Cooling	CMM	-	-
Sound	Sound Pressure	Cooling / Heating	l/s	-	-
			dB(A)	55.0 / 57.0	56.0 / 58.0
External Dimension	Net Weight		kg	104.00	110.00
	Shipping Weight		kg	114.00	120.00
	Net Dimensions (WxHxD)		mm	932 x 1128 x 375	932 x 1128 x 375
	Shipping Dimensions (WxHxD)		mm	1091 x 1286 x 472	1091 x 1286 x 472
Operating Temp. Range	Cooling		°C	21~54	21~54
	Heating		°C	-5~24	-5~24

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Optional Accessories

Individual Controllers



Drain Pump



Optional Accessories

Individual Controllers



Standard Accessories

Wireless Remote Controller



Model Name	Indoor Unit	Outdoor Unit		FH052EZM1C/SER UH052EZM2C/SER	FH070EZMC/SER UH070EZM1C/SER
Mode				HEAT PUMP	HEAT PUMP
Capacity	Cooling (Min. / Std. / Max.)		kW	5.0	-6.5/7.4
			Btu/h	17,100	-22,200/25,200
	Heating (Min. / Std. / Max.)		kW	5.6	7.4
			Btu/h	19,100	25,200
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	2.15	2.50
		Heating (Min. / Std. / Max.)		2.10	2.65
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	-10.00/13.50	-11.00/16.20
		Heating (Min. / Std. / Max.)		-9.00/12.50	-12.00/15.50
	MCA		A		
Energy Efficiency	EER (Nominal Cooling)		A	20.00	20.00
	COP (Nominal Heating)		-	2.33	2.60
			-	2.67	2.79
	Energy Grade		-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	9.52
			Φ, inch	1/4"	3/8"
	Gas Pipe		Φ, mm	12.70	15.88
			Φ, inch	1/2"	5/8"
	Installation Limitation	Max. Length (Outdoor to indoor)	m	30	30
Field Wiring	Power Source Wire	Max. Height (Between ID/OD)	m	15	15
	Transmission Cable		-	2 ~ 2.5	2.0 ~ 2.5
Refrigerant	Type		-	0.75 ~ 1.25	0.75 ~ 1.25
	Control Method		-	R22	R22
	Factory Charging		kg	-	-
INDOOR UNIT					
Power Supply	Type		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Motor	Output	-	Sirocco Fan	Turbo Fan/BLDC
	Number of Unit		W	54.00	35.00
			EA	1	1
	Air Flow Rate	High / Mid / Low	CMM	16.00/14.50/13.00	16.00/14.50/13.00
External Static Pressure			l/s	266.67/241.67/216.67	266.67/241.67/216.67
			mmAq	-	-
			Pa	-	-
			VP18 (OD 19.ID 16)	45.00/43.0/41.0	46.00/44.0/42.0
Drain	Drain Pipe		Φ,mm	VP18 (OD 19.ID 16)	VP18 (OD 19.ID 16)
	Sound Pressure	High / Mid / Low	dB(A)	-51.0/-	-53.0/-
	Net Weight		kg	22.0	22.0
	Shipping Weight		kg	26.0	26.0
External Dimension	Net Dimensions (WxHxD)		mm	1000 x 200 x 650	1000 x 200 x 650
	Shipping Dimensions (WxHxD)		mm	1074 x 294 x 726	1074 x 294 x 726
	Panel model		-	-	-
	Panel Net Weight		kg	-	-
Panel Size	Shipping Weight		kg	-	-
	Net Dimensions (WDHDD)		mm	-	-
	Shipping Dimensions (WDHDD)		mm	-	-
	Shipping Dimensions (WDHDD)		mm	-	-
Additional Accessories	Drain pump	Drain pump	-	-	-
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-
OUTDOOR UNIT					
Power Supply	Type		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Model		-	-	-
	Output		-	-	-
			kW	-	-
	Oil	Type	-	-	-
Fan	Initial Charge		cc	-	-
	Air Flow Rate	Cooling	CMM	38.00	-
Sound	Sound Pressure	Cooling / Heating	l/s	633.33	-
			dB(A)	60.0 / 61.0	62.0 / 63.0
External Dimension	Net Weight		kg	41.00	50.00
	Shipping Weight		kg	45.00	54.00
	Net Dimensions (WxHxD)		mm	790 x 548 x 285	880 x 638 x 310
	Shipping Dimensions (WxHxD)		mm	938 x 610 x 382	1023 x 704 x 413
Operating Temp. Range	Cooling		°C	-5~43	-5~43
	Heating		°C	-5~24	-5~24

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CAC Specification (R22/Heat Pump/On-off)



Ceiling (AC4000J)

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















Ceiling									
Model Name		Indoor Unit		AC100JNCDEH	AC100JNCDEH	AC120JNCDEH	AC120JNCDEH	AC140JNCDEH	AC140JNCDEH
		Outdoor Unit		AC100JXADEH	AC100JXADGH	AC120JXADEH	AC120JXADGH	AC140JXADEH	AC140JXADGH
System	Mode			Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling (Min / Std / Max)		2,800/10,000/12,000	2,800/10,000/12,000	3,500/12,000/13,500	3,500/12,000/13,500	4,300/14,000/15,400	4,300/14,000/15,400
		Heating (Min / Std / Max)		2,900/11,200/15,500	2,900/11,200/15,500	3,800/13,000/16,500	3,800/13,000/16,500	4,700/16,000/18,000	4,700/16,000/18,000
	* Capacity at 46°CISAUDI T3)	Cooling (Min / Std / Max)		-	-	-	-	-	-
		Heating (Min / Std / Max)		-	-	-	-	-	-
	Power	Power Input (Nominal)	Cooling (Min / Std / Max)	750/3,450/5,000	750/3,450/5,000	900/4,700/5,500	900/4,700/5,500	900/4,650/5,500	900/4,650/5,500
		Current Input (Nominal)	Heating (Min / Std / Max)	650/3,150/5,500	650/3,150/5,500	700/3,750/5,600	700/3,750/5,600	800/4,430/5,700	800/4,430/5,700
		MCA	Energy Grade (C)	4.3/15.0/21.5	4.3/15.0/21.5	5.1/20.4/23.5	5.1/20.4/23.5	5.1/20.2/23.5	5.1/20.2/23.5
		MFA	Energy Grade (H)	3.4/13.7/21.8	3.4/13.7/21.8	3.9/16.4/22.8	3.9/16.4/22.8	4.5/19.3/23.5	4.5/19.3/23.5
	INV Platform	EER (Nominal Cooling)		TBD	TBD	TBD	TBD	TBD	TBD
		COP (Nominal Heating)		TBD	TBD	TBD	TBD	TBD	TBD
	Energy Efficiency	Energy Grade		A+	A+	A+	A+	3.01	3.01
		* 省エネ Pdesign-H(Average/Warmer/Colder)		A	A	A+	A+	3.61	3.61
	Piping Connections	* 省エネ R / CSPF / HSPF		5.2	5.2	7.0	7.0	-	-
		Liquid Pipe		φ 9.52	φ 9.52	φ 9.52	φ 9.52	φ 9.52	φ 9.52
		Gas Pipe		φ 3/8	φ 3/8	φ 3/8	φ 3/8	φ 3/8	φ 3/8
		Installation Limitation		15.8	15.8	15.8	15.8	15.8	15.8
	Field Wiring	Max. Length (Outdoor to indoor)		5/8	5/8	5/8	5/8	5/8	5/8
		Max. Height (Between ID/OD)		50	50	50	50	75	75
	Refrigerant	Power Source Wire		30	30	30	30	30	30
		Transmission Cable		TBD	TBD	TBD	TBD	TBD	TBD
	Refrigerant	Type		TBD	TBD	TBD	TBD	TBD	TBD
		Control Method		R410A	R410A	R410A	R410A	R410A	R410A
	Power Supply	EEV		EEV	EEV	EEV	EEV	EEV	EEV
		Factory Charging		2.8	2.8	2.9	2.9	3.2	3.2
	Fan	φ, #, V, Hz		1φ, 220-240V/50Hz	1φ, 220-240V/50Hz	1φ, 220-240V/50Hz	1φ, 220-240V/50Hz	1φ, 220-240V/50Hz	1φ, 220-240V/50Hz
		Type		Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco
		Output		244	244	244	244	244	244
		Number of Unit		4	4	4	4	4	4
Indoor Unit	Air Flow Rate	High / Mid / Low		26/23/19	26/23/19	30/24/20	30/24/20	34/27/23	34/27/23
		External Static Pressure		-	-	-	-	-	-
	Drain	Min / Std / Max		-	-	-	-	-	-
		Sound Pressure		-	-	-	-	-	-
	Sound	High / Mid / Low		-	-	-	-	-	-
		Cooling		TBD	TBD	TBD	TBD	TBD	TBD
	External Dimension	Sound Power		TBD	TBD	TBD	TBD	TBD	TBD
		Net Weight		42	42	42	42	42	42
	Panel Size	Shipping Weight		48	48	48	48	48	48
		Net Dimensions (WxHxD)		1650*235*675	1650*235*675	1650*235*675	1650*235*675	1650*235*675	1650*235*675
	Additional Accessories	Shipping Dimensions (WxHxD)		1739*321*758	1739*321*758	1739*321*758	1739*321*758	1739*321*758	1739*321*758
		Panel model		-	-	-	-	-	-
Outdoor Unit	Power Supply	Panel Net Weight		-	-	-	-	-	-
		Shipping Weight		-	-	-	-	-	-
	Compressor	Net Dimensions (WxHxD)		-	-	-	-	-	-
		Shipping Dimensions (WxHxD)		-	-	-	-	-	-
	Fan	Model Name		-	-	-	-	-	-
		Drain pump		-	-	-	-	-	-
	Sound	Max. Lifting Height / Displacement		-	-	-	-	-	-
		Air Filter		-	-	-	-	-	-
	External Dimension	φ, #, V, Hz		1φ, 220-240V/50Hz	3φ, 380*415V/50Hz	1φ, 220-240V/50Hz	3φ, 380*415V/50Hz	1φ, 220-240V/50Hz	3φ, 380*415V/50Hz
		Type		Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
	Operating Temp. Range	Model		UG8T300LNBJU	UG8T300FUCIU	UGST450FUEIX	UGST450FUEIX	UGST450FUEIX	UGST450FUEIX
		Output		-	-	-	-	-	-








Optional Accessories



Duct

MODEL		50Hz	
			
CAPACITY (kW)	5.2	●	
	7.1	●	
	9	●	
	10	●	
	12	●	
	14	●	
	15.5		●
	17.5		●
FEATURES	 Pre Filter	●	
	 Easy Filter Cleaning	●	
	 High Lift-up Drain Pump (optional)	●	●
	 Smart Pressure Control		●
	 Auto E.S.P. Adjustment	●	
	 Smart Wi-Fi (optional)	●	
	 Zone Control (optional)	●	
	 3-way Service	●	
	 Easier drain pump installation	●	
	 Virus Doctor (optional) (S-Plasma Ion (optional) for Australia)	●	

Cassette

MODEL		50Hz	
			
CAPACITY (kW)	2.6		●
	3.5		●
	5.0		●
	5.8		●
	7.1	●	
	10.0	●	
	12.5	●	
	14.0	●	
FEATURES	 Wide Blade	●	
	 Ceiling Dust Prevention	●	
	 High Lift-up Drain Pump	●	●
	 Fresh Air Intake	●	
	 Sub Duct	●	

SINGLE Specification - R410A / Heat Pump / Inverter



4Way Cassette S (600x600)

- Compact and Light Unit
- Virus Doctor (Optional) (S-Plasma Ion for Australia)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water



					50Hz			
Model Name	Indoor Unit			ACN026NDEHH/SA	ACN035NDEHH/SA	ACN052NDEHH/SA	ACN060NDEHH/SA	
Mode	Outdoor Unit		-	RC026DHEH/XSA	RC035DHEH/XSA	RC052DHEH/XSA	RC060DHEH/XSA	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	0.99/2.60/3.50	0.99/3.50/4.20	1.30/5.00/5.90	1.80/5.80/6.50	
	Heating (Min. / Std. / Max.)		Btu/h	3,400/8,900/11,900	3,400/11,900/14,300	4,400/17,100/20,100	6,100/19,800/22,200	
			kW	0.98/3.30/4.60	0.98/4.00/5.00	1.30/5.50/7.50	1.60/7.00/9.00	
			Btu/h	3,300/11,300/15,700	3,300/13,600/17,100	4,400/18,800/25,600	5,500/23,900/30,700	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.23/0.73/1.13	0.24/1.09/1.45	0.31/1.56/2.10	0.38/1.81/2.60	
		Heating (Min. / Std. / Max.)		0.18/0.90/1.40	0.18/1.11/1.40	0.35/1.53/2.40	0.35/2.18/3.60	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	1.60/3.70/5.50	1.60/5.60/6.80	2.60/7.20/9.50	1.90/8.30/11.50	
		Heating (Min. / Std. / Max.)		1.20/4.60/6.60	1.20/5.70/6.70	2.90/7.00/11.00	1.70/10.00/17.30	
	MCA		A	10.30 (MCA)	10.30 (MCA)	10.80 (MCA)	20.30 (MCA)	
Energy Efficiency	MFA		A	12.50	12.50	13.13	25.00	
	EER (Nominal Cooling)		-	3.56	3.21	3.21	3.20	
	COP (Nominal Heating)		-	3.67	3.60	3.59	3.21	
	Energy Grade		-	-	-	-	-	
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	15.88	15.88	
			Φ, inch	3/8"	3/8"	5/8"	5/8"	
	Installation Limitation	Max. Length (Outdoor to Indoor)	m	20(25)	20(25)	50(55)	50(55)	
Field Wiring		Max. Height (Between ID/OD)	m	15.0(15.0)	15.0(15.0)	30.0(30.0)	30.0(30.0)	
	Power Source Wire		-	2.5	2.5	2.5	2.5	
Refrigerant	Transmission Cable		-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	
	Type		-	R410A	R410A	R410A	R410A	
	Control Method		-	-	-	-	-	
	Factory Charging		kg	0.95	0.95	1.40	1.80	
INDOOR UNIT								
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
	Motor	Output	W	65.00	65.00	65.00	65.00	
	Number of Unit		EA	1.00	1.00	1.00	1.00	
	Air Flow Rate	High / Mid / Low	CMM	9,90/8,20/6,90	10,70/9,00/7,40	12,40/10,70/9,00	12,80/11,10/9,50	
			l/s	165.00/136.67/115.00	178.33/150.00/123.33	206.67/178.33/150.00	213.33/185.00/158.33	
Drain	External Static Pressure	Min / Std / Max	mmAq	-	-	-	-	
			Pa	-	-	-	-	
Sound	Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
External Dimension	Sound Pressure	High / Mid / Low	dB(A)	30.0 / 27.0 / 25.0	34.0 / 31.0 / 27.0	36.0 / 33.0 / 29.0	39.0 / 36.0 / 32.0	
	Net Weight		kg	11.00	11.00	11.70	12.00	
	Shipping Weight		kg	13.00	13.00	13.70	14.00	
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	
Panel Size	Panel model		-	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	
	Panel Net Weight		kg	2.70	2.70	2.70	2.70	
	Shipping Weight		kg	4.20	4.20	4.20	4.20	
	Net Dimensions (WxHxD)		mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	
	Shipping Dimensions (WxHxD)		mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	
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	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	
Compressor	Type		-	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	
	Model		-	UG4C090LUDJR	UG4C090LUDJR	UG4T150FUDJQ	UG4T200FUE4SG	
	Output		kW	0.86	0.86	1.37	1.79	
	Oil	Type	-	POE	POE	POE	POE	
Fan	Initial Charge		cc	320.00	320.00	650.00	650.00	
	Air Flow Rate	Cooling	CMM	-	-	-	-	
Sound			l/s	-	-	-	-	
	Sound Pressure	Cooling / Heating	dB(A)	46.0 / 47.0	47.0 / 48.0	48.0 / 49.0	49.0 / 50.0	
External Dimension	Net Weight		kg	33.00	33.00	38.50	55.00	
	Shipping Weight		kg	37.00	37.00	42.50	59.00	
	Net Dimensions (WxHxD)		mm	790 x 545 x 285	790 x 548 x 285	790 x 548 x 285	880 x 798 x 310	
	Shipping Dimensions (WxHxD)		mm	926 x 599 x 382	926 x 655 x 382	926 x 655 x 382	1023 x 891 x 413	
	Operating Temp. Range		°C	-10~46	-10~46	-15~46	-15~46	
			°C	-15~24	-15~24	-15~24	-20~24	

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WHO*

MWR-SH00

MRE-EH00

Panel

PC4SUSMB

PC4SUSMF

SINGLE Specification - R410A / Heat Pump / Inverter



4Way Cassette S

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



					50Hz				
Model Name	Indoor Unit			NS0714DXEA RC071DHXEA	NS0714PXE RC071PHXE	NS1004PXE RC100PHXE	NS1254PXE RC125PHXE	NS1404PXE RC140PHXE	
Mode	Outdoor Unit			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	2.20/7.10/8.00	2.20/7.10/8.00	3.49/9.99/11.99	3.50/12.50/14.00	4.40/14.01/15.50	
			Btu/h	7,500/24,200/27,300	7,500/24,200/27,300	11,900/34,100/40,900	11,900/42,700/47,800	15,000/47,800/52,900	
	Heating (Min. / Std. / Max.)		kW	1.90/8.00/9.00	1.90/8.00/9.00	3.49/11.20/15.50	3.50/14.00/16.20	3.49/16.00/19.99	
			Btu/h	6,500/27,300/30,700	6,500/27,300/30,700	11,900/38,200/52,900	11,900/47,800/55,300	11,900/54,600/68,200	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)		0.35/2.21/4.00	0.35/1.92/4.00	0.79/2.37/3.81	0.80/3.47/4.80	1.06/3.99/5.39	
				0.35/2.22/4.00	0.35/1.95/4.00	0.70/2.49/4.51	0.70/3.59/4.50	0.88/4.10/6.51	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	2.00/10.50/21.00	2.10/9.50/18.00	3.70/10.50/24.00	3.70/15.50/24.00	4.60/17.80/24.00	
				Heating (Min. / Std. / Max.)	2.00/10.50/21.00	2.10/9.50/18.00	3.50/11.50/24.00	3.50/16.00/24.00	4.00/18.70/28.00
Energy Efficiency	MCA		A	20.30 (MCA)	-	-	25.00 (MCA)	33.00 (MCA)	
	MFA		A	25.00	25.00	30.00	30.00	40.00	
	EER (Nominal Cooling)		-	3.21	3.70	4.22	3.60	3.51	
	COP (Nominal Heating)		-	3.60	4.10	4.50	3.90	3.90	
Piping Connections	Liquid Pipe			-	-	-	-	-	
				Φ, mm	6.35	6.35	9.52	9.52	9.52
	Gas Pipe			1/4"	1/4"	3/8"	3/8"	3/8"	
				Φ, mm	15.88	15.88	15.88	15.88	15.88
Installation Limitation	Max. Length (Outdoor to indoor)		5/8"	5/8"	5/8"	5/8"	5/8"		
			Max. Height (Between ID/OD)	50(55)	50(55)	75(75)	75(75)	75(75)	
Field Wiring	Power Source Wire		m	30.0(30.0)	30.0(30.0)	30.0(30.0)	30.0(30.0)	30.0(30.0)	
	Transmission Cable		-	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	4.0 ~ 6.0	
Refrigerant	Type		-	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	
	Control Method		-	R410A	R410A	R410A	R410A	R410A	
	Factory Charging		kg	-	-	-	-	-	
INDOOR UNIT									
Power Supply	Type	Output	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	
				Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
				W	-	-	-	-	
				EA	1.00	1.00	1.00	1.00	
				CMM	19.50/16.50/14.50	23.00/21.00/17.50	30.00/24.00/18.90	32.00/28.00/22.00	
				l/s	325.00/275.00/241.67	383.33/350.00/291.67	500.00/400.00/315.00	533.33/466.67/366.67	
Fan	Air Flow Rate	High / Mid / Low		-	-	-	-	-	
				mmAq	-	-	-	-	
				Pa	-	-	-	-	
				Min / Std / Max	-	-	-	-	
				VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
				36.0 / 32.0 / 28.0	36.0 / 32.0 / 28.0	44.0 / 39.0 / 34.0	44.0 / 40.0 / 36.0		
Drain	Sound Pressure	High / Mid / Low		15.00	16.00	20.00	20.00		
				kg	19.00	22.00	26.00	26.00	
				mm	840 x 204 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	
				mm	898 x 274 x 898	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898	
				mm	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	
				kg	5.90	5.90	5.90	5.90	
External Dimension	Shipping Weight	Cooling		8.40	8.40	8.40	8.40		
				mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	
				mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	
				mm	-	-	-	-	
				mm / liter/h	-	-	-	-	
				Air Filter	-	-	-	-	
OUTDOOR UNIT									
Power Supply	Type	Output	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	
				Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary		
				UG4T200FUAE4SG	UG4T200FUAE4SG	UG5T450FUEJXSG	UG5T450FUEJXSG		
				kW	1.79	1.79	4.12	4.01	
				POE	POE	POE	POE		
				Initial Charge	cc	650.00	1700.00	1700.00	1700.00
Fan	Air Flow Rate	Cooling		50.00	50.00	90.50	101.00		
				l/s	833.33	833.33	1,508.33	1,683.33	
				dB(A)	49.0 / 51.0	49.0 / 51.0	51.0 / 52.0	51.0 / 53.0	
				kg	55.00	50.00	88.00	98.00	
				kg	59.00	55.00	98.00	108.00	
				mm	880 x 798 x 310	880 x 798 x 310	940 x 1210 x 330	940 x 1420 x 330	
Operating Temp. Range	Shipping Dimensions (WxHxD)	Cooling / Heating		1023 x 891 x 413	1023 x 891 x 413	995 x 1388 x 426	995 x 1598 x 426		
				mm	-	-	-	-	
				°C	-15~50	-15~50	-15~50	-15~50	
				°C	-20~24	-20~24	-20~24	-20~24	
				°C	-	-	-	-	
				°C	-	-	-	-	

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MRE-EH00

Panel

PC4SUSMB

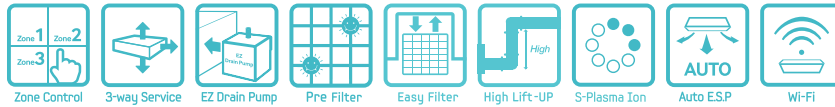
PC4NUSKE

SINGLE Specification - R410A / Heat Pump / Inverter



Duct S

- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Optional)
- Zone Control (Optional)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- S-Plasma Ion (Optional)



50Hz											
Model Name	Indoor Unit			AC018HBMKDH/EA	AC024HBMKDH/EA	AC030HBMKDH/EA	AC036HBMKDH/EA	AC039HBMKDH/EA	AC042HBMKDH/EA	AC048HBMKDH/EA	AC048HBMKDH/EA
Mode	Outdoor Unit			AC018HCADKH/EA	AC024HCADKH/EA	AC030HCADKH/EA	AC036HCADKH/EA	AC039HCADKH/EA	AC042HCADKH/EA	AC048HCADKH/EA	AC048HCADKH/EA
Capacity (Nominal)	Cooling (Min. / Std. / Max.)			HEAT PUMP							
				kW							
				Btu/h							
				kW							
Power	Heating (Min. / Std. / Max.)			Btu/h							
				kW							
				Btu/h							
				kW							
Energy Efficiency	Power Input (Nominal)	Cooling (Min. / Std. / Max.)		kW							
				kW							
				A							
				A							
Piping Connections	Liquid Pipe			Φ, mm							
				1/4"							
				Φ, mm							
				1/2"							
Field Wiring	Gas Pipe			Φ, mm							
				1/2"							
				Φ, mm							
				1/2"							
Refrigerant	Installation Limitation	Max. Length (Outdoor to Indoor)		m							
				30							
				m							
				20.0(20.0)							
INDOOR UNIT	Power Source Wire			2.5							
				2.5							
				0.75 ~ 1.5							
				0.75 ~ 1.5							
Power Supply	Type			R410A							
				R410A							
				-							
				-							
Fan	Control Method			kg							
				1.30							
				1.50							
				2.60							
Drain	Factory Charging			2.60							
				2.60							
				2.70							
				2.70							
Sound	Type			2.70							
				2.70							
				2.70							
				2.70							
External Dimension	Type			2.70							
				2.70							
				2.70							
				2.70							
Panel Size	Type			2.70							
				2.70							
				2.70							
				2.70							
Additional Accessories	Type			2.70							
				2.70							
				2.70							
				2.70							
OUTDOOR UNIT	Type			2.70							
				2.70							
				2.70							
				2.70							
Compressor	Type			2.70							
				2.70							
				2.70							
				2.70							
Fan	Type			2.70							
				2.70							
				2.70							
				2.70							
Sound	Type			2.70							
				2.70							
				2.70							
				2.70							
External Dimension	Type			2.70							
				2.70							
				2.70							
				2.70							
Operating Temp. Range	Type			2.70							
				2.70							
				2.70							
				2.70							

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

Optional Accessories

Individual Controllers

MWR-WE10 MWR-SH00 MR-EH00 MRK-A10N

Zone Control Accessories

Zone Controllers

MWR-ZS10 MWR-ZS00 (with zone control box) MRW-TS (External Temperature Sensor)

Optional Accessories

Drain Pump

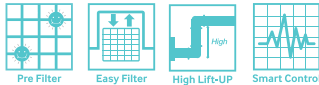
MDP-G075SP (External Type) MDP-G075SQ (Internal Type)

CAC Specification - R410A / Heat Pump / Inverter



Duct S (AC6000J)

- The Slimmest and The Lightest Design
- New Communication Protocol
- 3-Way Service
- Easier Drain Pump Installation
- Virus Doctor (Option)



Duct S (AC6000J)										
Model Name			Indoor Unit		AC180JNHPKH			AC200JNHPKH		
			Outdoor Unit		AC180JXAPNH			AC200JXAPNH		
System	Mode	Cooling (Min / Std / Max)		-	HEAT PUMP			HEAT PUMP		
				kW	6.00/18.00/20.00			6.20/20.00/22.50		
	Capacity	Heating (Min / Std / Max)		Btu/h	20,500/61,400/68,200			21,200/68,200/76,800		
				kW	4.80/20.00/22.50			5.00/22.00/25.00		
	Btu/h		16,400/68,200/76,800			17,100/75,100/85,300				
			Power	Power Input (Nominal)	Cooling (Min / Std / Max)	kW	1.30/5.45/7.30			1.40/6.23/11.00
	Heating (Min / Std / Max)	1.20/5.54/7.60			2.30/6.09/11.50					
	Current Input (Nominal)	Cooling (Min / Std / Max)		A	2.30/8.40/16.10			2.70/10.80/17.00		
	Heating (Min / Std / Max)	2.20/8.60/16.10			4.10/10.00/16.10					
	MCA	A			-(MCA)					
	MFA	A			-					
	Energy Efficiency	EER (Nominal Cooling)		-	3.30			3.21		
		COP (Nominal Heating)		-	3.61			3.61		
		Energy Grade		Energy Grade (C)	Energy Grade(C) A			Energy Grade(C) A		
	Piping Connections	Liquid Pipe		Energy Grade (H)		Energy Grade(H) A			Energy Grade(H) A	
		Gas Pipe		Φ, mm	9.52			9.52		
				Φ, inch	3/8"			3/8"		
		Installation Limitation		Max. Length (Outdoor to indoor)	19.05			19.05		
				Max. Height (Between ID/OD)	3/4"			3/4"		
	Field Wiring	Power Source Wire		m	75			75		
		Transmission Cable		m	30.0			30.0		
	Refrigerant	Type		-	-			-		
Control Method		-	R410A			R410A				
Factory Charging		kg	4.60			8.00				
Indoor Unit	Power Supply		Φ, #, V, Hz	1,2,220-240,50			1,2,220-240,50			
	Type		-	Sirocco Fan			Sirocco Fan			
	Fan	Motor	Output	W	500.00			500.00		
		Number of Unit		EA	2.00			2.00		
		Air Flow Rate		High / Mid / Low	CMM	71.00/60.00/50.00			72.00/61.00/51.00	
				I/s	1,183.33/1,000.00/833.33			1,200.00/1,016.67/850.00		
	External Static Pressure		Min / Std / Max	mmAq	5.10/6.12/20.00			5.10/7.34/20.00		
			Pa	50.01/60.02/196.13			50.01/71.98/196.13			
	Drain	Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)			VP25 (OD 32,ID 25)		
	Sound	Sound Pressure		-	43.0 / 39.0 / 35.0			44.0 / 40.0 / 36.0		
		Sound Power		dB(A)	-			-		
	External Dimension	Net Weight		kg	82.50			82.50		
		Shipping Weight		kg	92.00			92.00		
		Net Dimensions (WxHxD)		mm	1350 x 450 x 910			1350 x 450 x 910		
		Shipping Dimensions (WxHxD)		mm	1612 x 519 x 984			1612 x 519 x 984		
	Panel Size	Panel model		-	-			-		
		Panel Net Weight		kg	-			-		
		Shipping Weight		kg	-			-		
		Net Dimensions (WxHxD)		mm	-			-		
		Shipping Dimensions (WxHxD)		mm	-			-		
	Additional Accessories	Drain pump	Drain pump	-	MDP-G075SP			MDP-G075SP		
		Max. Lifting Height / Displacement	mm/liter/h	-	MDP-G075SQ			MDP-G075SQ		
	Air Filter		-	-			-			
Outdoor Unit	Power Supply		Φ, #, V, Hz	3,4,380-415,50			3,4,380-415,50			
	Type		-	Twin BLDC Rotary			BLDC Scroll			
	Compressor	Model		-	UGS7520FUBJX			DS-GB052FAVA		
		Output		kW	-			-		
		Oil		-	-			-		
	Fan	Type		-	-			-		
		Initial Charge		cc	-			-		
	Sound	Air Flow Rate	Cooling	CMM	110.00			176.00		
		Sound Pressure	Cooling / Heating	I/s	1,833.33			2,933.33		
	External Dimension	Sound Power	Cooling	dB(A)	55.0 / 57.0			57.0 / 59.0		
		Net Weight		kg	107.50			190.00		
		Shipping Weight		kg	117.50			195.00		
		Net Dimensions (WxHxD)		mm	940 x 1420 x 330			880 x 1695 x 765		
	Operating Temp. Range	Shipping Dimensions (WxHxD)		mm	995 x 1598 x 426			948 x 1887 x 832		
		Cooling	°C	-15~50			-15~50			
Heating		°C	-20~24			-20~24				

Optional Accessories

Zone Control Accessories

Individual Controllers



MWR-WE10N MWR-SH00N MR-EH00 MRK-A10N

Zone Controllers



MWR-ZS10N MWR-ZS00N (with zone control box) MRW-TS (External Temperature Sensor)

Drain Pump



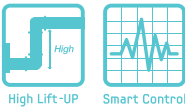
MDP-G075SP (External Type) MDP-G075SQ (Internal Type)

SINGLE Specification - R410A / Heat Pump / Inverter



HSP Duct

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



50Hz

Model Name	Indoor Unit			NS15SHXEG/XSA	NS180HXEG/XSA
	Outdoor Unit			RC15SDHXEG/XSA	RC180DHXGG/XSA
Mode			-	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	3.50/15.50/17.00	3.80/17.50/20.00
			Btu/h	11,900/52,900/58,000	13,000/59,700/68,200
	Heating (Min. / Std. / Max.)		kW	3.80/17.00/20.00	4.40/21.00/24.00
			Btu/h	13,000/58,000/68,200	15,000/71,700/81,900
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.50/4.77/7.40	1.20/5.47/7.20
		Heating (Min. / Std. / Max.)		1.20/4.72/8.00	1.20/6.00/8.00
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	7.00/21.50/32.00	2.60/9.10/11.30
		Heating (Min. / Std. / Max.)		6.50/21.00/34.00	2.60/9.90/12.00
	MCA		A	36.60 (Max.)	14.90 (Max.)
Energy Efficiency	MFA		A	40.00	16.40
	EER (Nominal Cooling)		-	3.25	3.20
	COP (Nominal Heating)		-	3.60	3.50
	Energy Grade		-	-	-
			-	-	-
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52
			Φ, inch	3/8"	3/8"
	Gas Pipe		Φ, mm	19.05	19.05
			Φ, inch	3/4"	3/4"
	Installation Limitation	Max. Length (Outdoor to indoor)	m	75(75)	75(75)
Field Wiring		Max. Height (Between ID/OD)	m	30.0(30.0)	30.0(30.0)
	Power Source Wire		-	-	-
	Transmission Cable		-	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A	R410A
	Control Method		-	-	-
	Factory Charging		kg	4.40	4.80
INDOOR UNIT					
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
Fan	Type		-	Sirocco Fan	Sirocco Fan
	Motor	Output	W	420.00	-
	Number of Unit		EA	1.00	1.00
	Air Flow Rate	High / Mid / Low	CMM	49.00/42.00/36.00	60.00/52.00/44.00
			l/s	816.67/700.00/600.00	1,000.00/866.67/733.33
Drain	External Static Pressure	Min / Std / Max	mmAq	5.00/6.10/20.00	5.00/6.10/25.00
			Pa	49.03/59.82/196.13	49.03/59.82/245.17
Sound	Drain Pipe		Φ,mm	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)
External Dimension	Sound Pressure	High / Mid / Low	dBA	51.0 / - / 41.0	52.0 / - / 44.0
	Net Weight		kg	60.00	97.50
	Shipping Weight		kg	69.50	106.50
	Net Dimensions (WxHxD)		mm	1200 x 360 x 650	1240 x 470 x 1040
	Shipping Dimensions (WxHxD)		mm	1455 x 455 x 780	1507 x 558 x 1155
Panel Size	Panel model		-	-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (WxHxD)		mm	-	-
	Shipping Dimensions (WxHxD)		mm	-	-
Additional Accessories	Drain pump	Drain pump	-	MDP-M075SGU2	MDP-M075SGU2
	Max. lifting Height / Displacement		mm / liter/h	-	-
	Air Filter		-	-	-
			-	-	-
OUTDOOR UNIT					
Power Supply			Φ, #, V, Hz	1,2,220-240,50	3,4,380-415,50
Compressor	Type		-	Twin BLDC Rotary	Twin BLDC Rotary
	Model		-	UGST450FXAXSG	UGST450FXAXSG
	Output		kW	4.01	4.01
	Oil	Type	-	POE	POE
		Initial Charge	cc	1700.00	1700.00
Fan	Air Flow Rate	Cooling	CMM	112.00	112.00
			l/s	1,866.67	1,866.67
Sound	Sound Pressure	Cooling / Heating	dBA	53.0	55.0
External Dimension	Net Weight		kg	99.00	102.00
	Shipping Weight		kg	109.00	111.00
	Net Dimensions (WxHxD)		mm	940 x 1420 x 330	940 x 1420 x 330
	Shipping Dimensions (WxHxD)		mm	995 x 1578 x 426	995 x 1575 x 426
	Operating Temp. Range		°C	-15~46	-15~46
			°C	-20~24	-20~24

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Optional Accessories

Individual Controllers



MWR-SH00



MR-EH00



MRK-A00



MRW-10A

Standard Accessories

Drain Pump



MDP-M075SGU2

Wireless Remote Controller



MWR-WE10



Memo

Memo