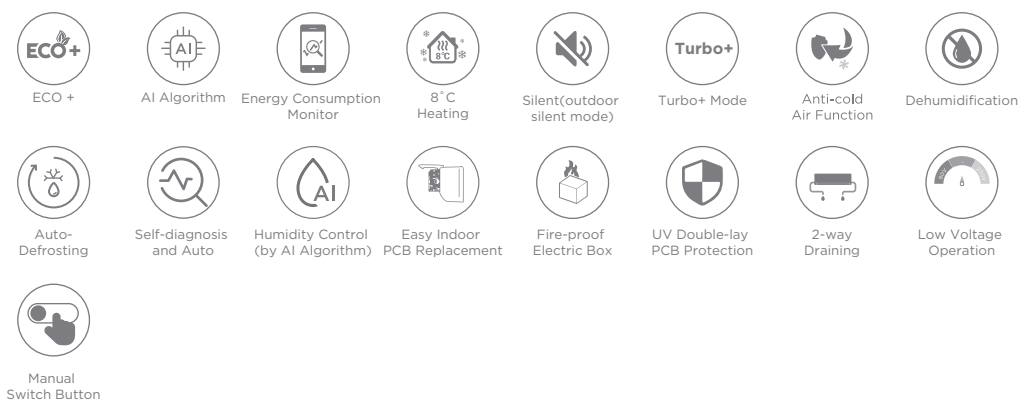




GLORY PRO Model

BE GLORY BE PROACTIVE

Feature



Appearance





ECO+, AI SAVING WITHOUT COMPROMISING PERFORMANCE

Giga-scale Inverter AC Database

ECO+ can deliver a more premium comfort saving experience, superior than conventional inverter saving technologies.



Precise AI Control, More Comfort Savings

By pre-training the multi-dimensional environmental factors, ECO+ can predict the best AC operation strategy based on user historical preferences and dynamic room conditions.

This smarter AI algorithm allows more precise indoor environmental adjustments than traditional algorithm to enhance occupant comfort with less energy consumption.

Save
Over 30%* Extra

Energy Saving with AI Algorithm



Power consumption
(kW.h)



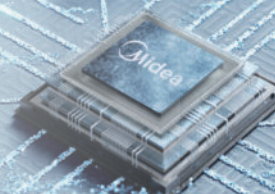
Normal Mode
Auto fan speed

ECO+ Mode
Auto fan speed



The AI deep learning would automatically control the air-conditioner to infinitely reach the preset temperature according to user habits.

**Precise AI
Temperature Control**
±0.5°C

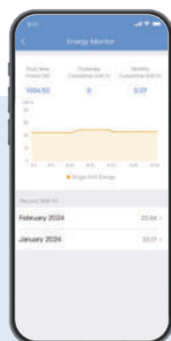


Easy and Smart ECO+ App Control



One Click, Activate ECO+

Easily activate ECO+ mode through smart Net Home Plus APP.



Energy Monitor

Monitor the daily, weekly, and monthly usage duration and power consumption of the air conditioner.



Sleep Curve

Customize your preferred sleep temp with the sleep curve function on the Net Home Plus APP for a better sleep experience.

BETTER COMFORT

Next-gen TURBO+

When activating the upgraded Turbo+ mode via the remote controller or Net Home Plus, the AC will operate at ultra-high speed to reach the set temperature and provide the highest cooling/heating capacity in the shortest possible time for wonderful experience.



Air Volume
12.7%



Air Distance
20.9% 

20%

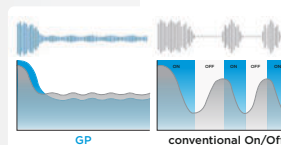
FASTER COOLING
6°C in 10min* from 36°C to 30°C

*Data compared with Forest model.



All-round Quiet Operation

To make indoor AC quieter and prevent disturbing neighbors with humming noises from outdoor units, users can enter silent mode by long-pressing the fan speed button. It can adjust the fan speed to 1% to reduce the machine's operating frequency and vibration while not influencing the indoor unit's cooling capacity.



Intelligent Humidity Control

When the indoor air is too humid, the unit can automatically decrease air volume and lower compressor frequency, to speed up dehumidification.



BETTER RELIABILITY

Double Coating For PCB Corrosion

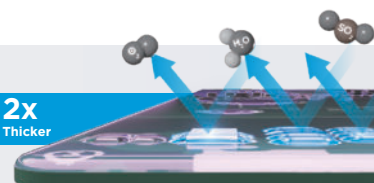
Coated with up to 100µm sturdy UV conformal coating, which is 2 times thicker than the ordinary coating, excellently protecting the PCB against continuous salt spray corrosion.

Corrosion Area
<0.02%

Rating Number*
9.8

Verified by

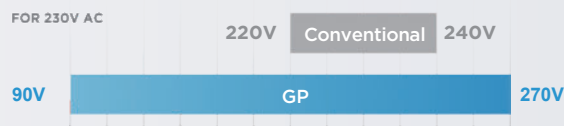
2x
Thicker



Depended on the using industrial environment with salt contamination
(Ref. ISO 21207: 2015, Annex A, test method B, IIS Z 237:2015 Annex JC) The full rating number is 10

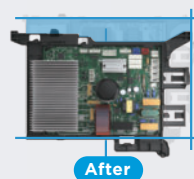
Wider Voltage Operation

Work stably in wider voltage range, no matter for peak of urban electricity consumption or electricity shortages in remote areas.



Better Heat Dissipation

Total surface area of the heat sink has increased, helping speed up the heat dissipation efficiency.



Anti-insect Protection

Adopting an inverted PCB installed structure to avoid malfunction at extreme conditions. More resistant to prevent sand and insects.



Nitrogen Charging Protection

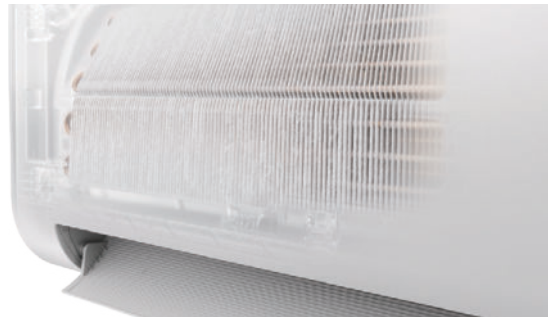
Injecting nitrogen into the pipe after refrigerant charging is complete, to prevent air and oxides on the inner surface of the copper pipe, which may cause refrigerant system leakage, blockage, or compressor burning.



BETTER HEALTH

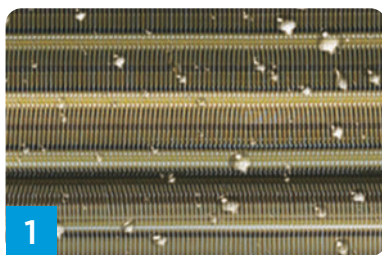
Self Clean Technology

Deep self cleaning process for the IDU evaporator and ODU condenser, followed by high temperature steam sterilization at 56°C for over 30 minutes. This ensures the whole AC system remains free of bacteria and dust, providing fresh and clean air.

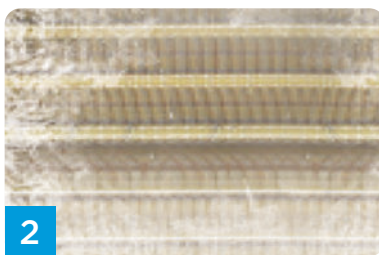


IDU | 6 steps | 99.99%* Sterilization

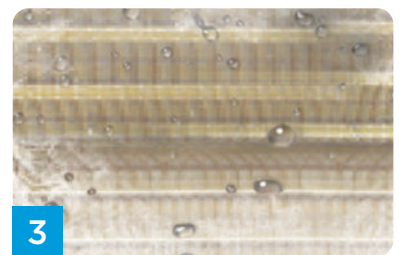
*Data were certified by Guangdong Detection Center for Microbiology.



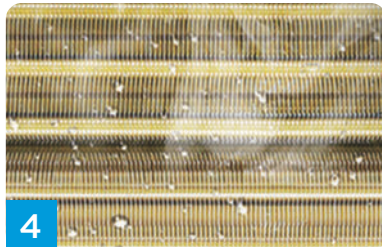
Water start to condensate, get ready for deep wash



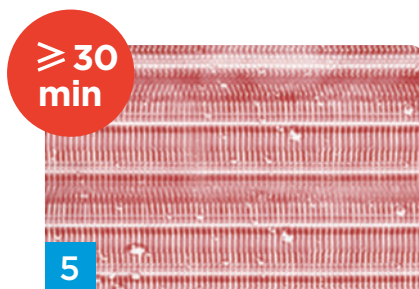
Condensated water gets frosting, removing dirt adhered to the evaporator



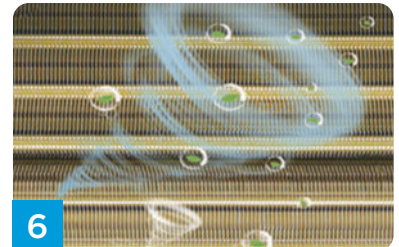
Defrost to form a large amount of water flow and peel off dirt



High temperature cleaning via steam, removing moisture and dust



High temperature purification at up to 56°C



Fresh air supply

ODU

When IDU is in heating mode, ODU will start its self-cleaning process.

1 Condensed Water

Cooling mode & Mid-speed wind

2 Frosting

The temperature cools rapidly ($T \leq -10^{\circ}\text{C}$) and frost forms on the evaporator surface.

3 Washing

Defrost into water to remove dust and dirt.

4 Drying

Dry the evaporator to prevent mold growth.

Anion Sterilization

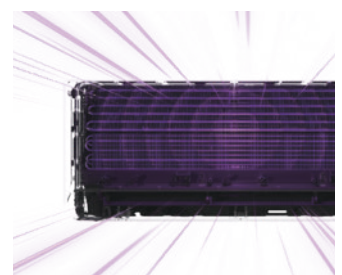
A large number of ions are generated and spread to purify the air and eliminate the virus indoors.



*Data were tested at 20-25°C with relatively humidity 50-70%, certified by Intertek.

UV Sterilization

Equip the air conditioning evaporator with a UV light to remove bacteria and viruses, and then blow clean air.





PRODUCT SPECIFICATION

Glory Pro(R32)

Model			MSGPAU-09HRFN8-QRD6GW	MSGPBU-12HRFN8-QRD6GW	MSGPCU-18HRFN8-QRD6GW	MSGPDU-24HRFN8-QRD6GW
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Rated Cooling	Capacity	Btu/h	9000(3500-11000)	12000(4700-14700)	17060(6800-19800)	24000(10300-30000)
	Power input	W	640(80-1100)	1030(130-1650)	1390(160-1710)	2130(340-3450)
	Current	A	2.81(0.35-4.78)	4.57(0.6-7.2)	6.20(0.72-7.43)	9.4(1.4-15)
Rated Heating	Capacity	Btu/h	10000(2800-11500)	13000(3640-14950)	18425(4600-21500)	25000(5200-32300)
	Power input	W	680(70-990)	1000(160-1560)	1420(230-2100)	2120(300-3150)
	Current	A	2.98(0.32-4.32)	4.44(0.7-6.78)	6.26(1-9.13)	9.3(1.3-13.7)
Seasonal Cooling	Pdesignc	kW	2.6	3.5	5.0	7.0
	SEER	W/W	8.5	8.5	8.5	7.9
	Energy Efficiency Class		A+++	A+++	A+++	A++
Seasonal Heating (Average)	Pdesignh	kW	2.4	2.6	4.0	4.9
	SCOP	W/W	4.6	4.6	4.6	4.6
	Energy Efficiency Class		A++	A++	A++	A++
	Tbiv	°C	-7	-7	-7	-7
Seasonal Heating (Warmer)	Pdesignh	kW	2.7	3.1	4.1	5.3
	SCOP	W/W	6.0	5.5	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	°C	2	2	2	2
Tol		°C	-15	-15	-15	-15
Max. input consumption		W	2200	2200	2800	3700
Max. current		A	10.5	10.5	13	19



PRODUCT SPECIFICATION

Glory Pro(R32)

Model			MSGPAU-09HRFN8-QRD6 GW	MSGPBU-12HRFN8-QRD6 GW	MSGPCU-18HRFN8-QRD6 GW	MSGPDU-24HRFN8-QRD6 GW
Indoor air flow (Hi/Mi/Lo)		m³/h	510/360/300	550/370/310	900/700/550	1050/900/650
Indoor noise level (Hi/Mi/Lo/Si)		dB(A)	37/31/22/19	39/33/22/21	44/40/32/21	46/37/34/21
Indoor sound power level		dB(A)	54	55	59	63
Indoor unit	Dimension(W*D*H)	mm	722*199*286	812*199*286	974*216*305	1045*230*328
	Packing (W*D*H)	mm	780*270*365	870*270*365	1045*295*380	1125*325*405
	Net/Gross weight	Kg	7.8/10	8.5/10.8	10.9/14.0	13.6/17.3
Outdoor air flow		m³/h	2150	2200	3500	3500
Outdoor sound pressure level		dB(A)	54	55	57	60
Outdoor sound power level		dB(A)	58	61	65	67
Outdoor unit	Dimension(W*D*H)	mm	765x303x555	765x303x555	890x342x673	890x342x673
	Packing (W*D*H)	mm	887x337x610	887x337x610	995x398x740	995x398x740
	Net/Gross weight	Kg	26/28.2	26/28.2	37.5/40.6	43.5/47
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.55	0.58	0.85	1.05
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4inch)/9.52mm(3/8inch)	6.35mm(1/4inch)/9.52mm(3/8inch)	6.35mm(1/4inch)/12.7mm(1/2inch)	6.35mm(1/4inch)/12.7mm(1/2inch)
	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	10	10	20	25
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~30	16~32/0~30	16~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	°C	-15~50/-25~24	-15~50/-25~24	-15~50/-25~24	-15~50/-25~24
Application area (Cooling Standard)		m²	12~18	16~23	23~33	32~47
Qty/per 40'HQ			264	255	163	155



FOREST Model

RELIABLE AND DURABLE, YOUR
TRUSTWORTHY SMART CHOICE.

Feature



8°C
Heating



Flash Cooling



ECO Mode



High Density
Filter



Do Not Disturb



Low Noise



Cold Catalyst
Filter



Wide Angle
Airflow

Appearance





Turbo Mode

Maximum Airflow Speed towards Super Coolness

Dash to the setting temperature with cool air in maximum fan and compressor speed, just within a touch of the TURBO button.

Dual Filtration

The Dual Filtration system thoroughly eliminates harmful substances in two successive steps, providing fresh and clean air to you.



Fireproof Electric Control Box

The electric control box uses ABS material with a 5VA flame retardant rating, and the outer surface is covered with sheet metal, which isolates the electric control box from fire.



Refrigerant Leakage Detection

The system will stop operation automatically to ensure safety once the refrigerant leakage is detected.

Golden Coating Technology

More resistant in water rust, adherent grease, oxidation and other corrosive elements than ordinary blue fins for heat exchanger (one of the core components of the AC indoor unit) to furnish steadier cooling performance in a longer duration.





PRODUCT SPECIFICATION

FOREST

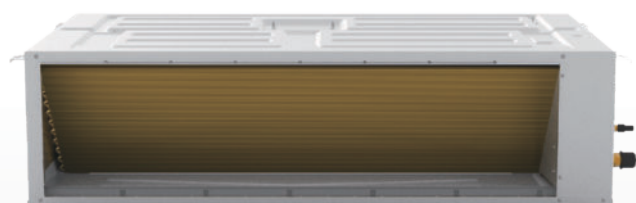
Model			MSAFU-09HRFN8-QRD1GW	MSAFBU-12HRFN8-QRD1GW	MSAFBU-18HRFN8-QRD0GW	MSAFDU-24HRFN8-QRD0GW
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Rated Cooling	Capacity	Btu/h	9000(3100-11600)	12000(3800-13400)	18000(6200-21000)	24000(7100-27000)
Cooling Power input		W	800(100-1240)	1320(83-1600)	1550(140-2300)	2600(420-3150)
Cooling Current		A	3.48(0.4-5.4)	5.8(0.8-7.3)	6.7(0.6-10)	11.5(1.8-13.8)
Rated Heating	Capacity	Btu/h	10000(2800-11500)	13000(3700-14200)	19000(4400-23000)	25000(5500-27000)
Heating Power input		W	930(120-1200)	1190(167-1400)	1570(220-2350)	2400(300-2750)
Heating Current		A	4.05(0.5-5.5)	5.3(1.4-6.4)	6.8(0.95-10.2)	11(1.3-12.2)
Seasonal Cooling	Pdesignc	kW	2.6	3.5	5.2	7.0
	SEER	W/W	7.0	6.5	7.4	6.1
	Energy Efficiency Class		A++	A++	A++	A++
Heating(Average)	Pdesignh	kW	2.3	2.8	4.1	4.8
	SCOP	W/W	4.1	4.1	4.0	4.0
	Energy Efficiency Class		A+	A+	A+	A+
	Tbiv	℃	-7	-7	-7	-7
Heating(Warmer)	Pdesignh	kW	2.3	3.0	4.4	5.6
	SCOP	W/W	5.1	5.2	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	℃	2	2	2	2
Tol		℃	-15	-15	-15	-15



PRODUCT SPECIFICATION

FOREST

Model			MSAFU-09HRFN8-QRD1GW	MSAFBU-12HRFN8-QRD1GW	MSAFBU-18HRFN8-QRD0GW	MSAFDU-24HRFN8-QRD0GW
Max. input consumption		W	2150	2150	2500	3500
Max. current		A	10	10	13	15.5
Outdoor air flow		m ³ /h	1750	1750	2100	3500
Outdoor sound pressure level		dB(A)	55	55	56	59
Outdoor sound power level		dB(A)	59	64	63	67
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	21/22.8	21/22.8	32.7/35.4	42.9/45.9
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.47	0.52	1.08	1.42
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	10	10	20	25
Operation temperature	Indoor(cooling/ heating)	℃	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	℃	-15~50/-20~30	-15~50/-20~30	-15~50/-20~30	-15~50/-20~30
Application area	minimum-maximum	m ²	12~18	16~23	24~35	32~47
Qty'per 20' /40' /40'HQ			138/284/312	132/274/305	84/180/208	66/137/156



A7 DUCT

Standard Features:

- | | | | | | |
|------------------------------|-----------------|----------------|-------------------------------|---------------------|-----------------|
| | | | | | |
| Independent Dehumidification | Auto Defrosting | 2-way Draining | Auto Restart | Build-in Drain Pump | Remote Control |
| | | | | | |
| Weekly Timer | Wired Control | Golden Fins | Real-time Constant Air Volume | WIFI | Central Control |

Appearance





Easier Installation

Real-time Constant Airflow Control

Customized for Installers

Real-time Constant Air Volume

With Auto Airflow Match, A7 Duct can automatically match the airflow volume to different ducting design, resulting in installation convenience, comfortable experience and cost saving.

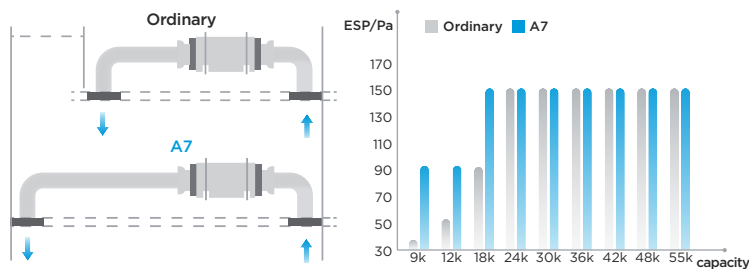


Higher Static Pressure

Customized for Installers

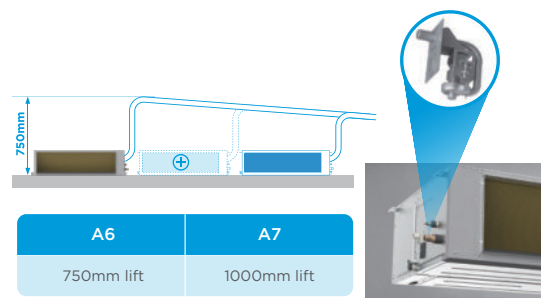
Static pressure increase

The maximum HSP is 200Pa, which is comparable to our competitors.



Higher Condensate Drain Pump

Higher lift is upgraded from 0.75m to 1m, increasing flexibility and installation speed.

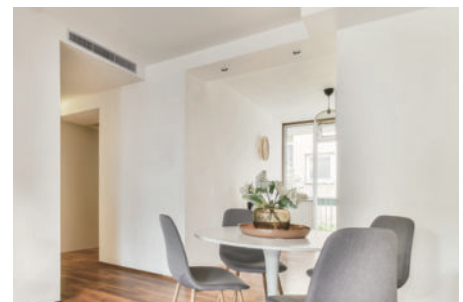
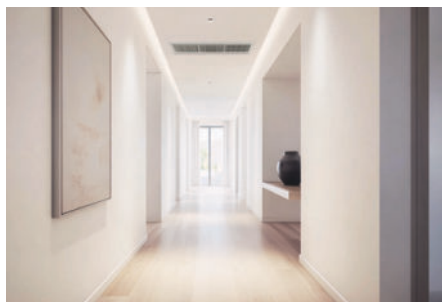


Slimmer Design

Customized for Installers

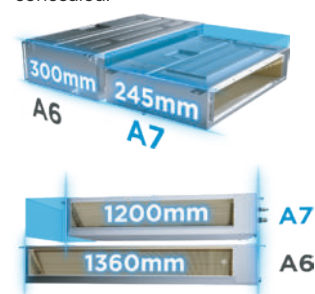
Slimmer And Lighter

Meet various installations in narrow ceilings with shorter length and thinner.



Two Ways of Installation

Two types of installation methods can be selected: ceiling concealed and floor concealed.



Easier Maintenance

Customized for Installation

Upgrade of Filters

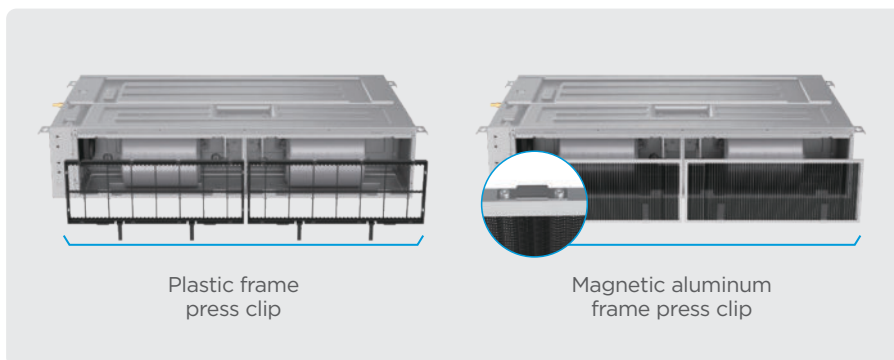
Two types of filters are usable with the A7, clip-type or magnetic-type.



Magnetic-type air filter (optional)

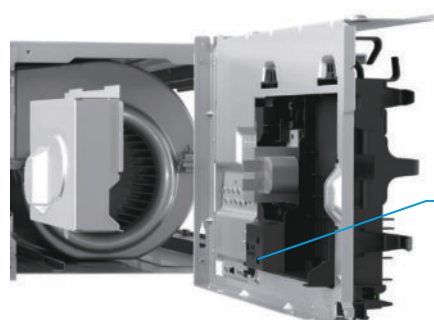


Clip-type air filter (optional)

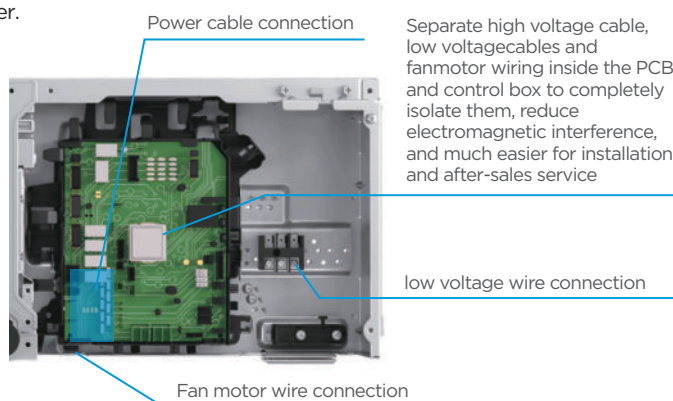


Upgrade of Electronic Control

The area of the electric control box has been increased by 10%, and the driver board has been reduced, creating 40% more space. A larger maintenance space makes replacing the electronic control box easier.



T1 temperature sensor can be directly installed on the back of the control box without additional wiring



Power cable connection

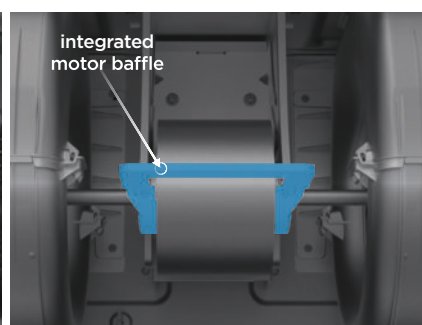
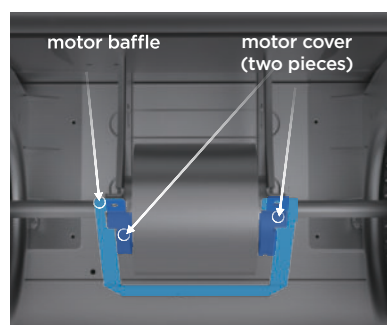
Separate high voltage cable, low voltage cables and fanmotor wiring inside the PCB and control box to completely isolate them, reduce electromagnetic interference, and much easier for installation and after-sales service

low voltage wire connection

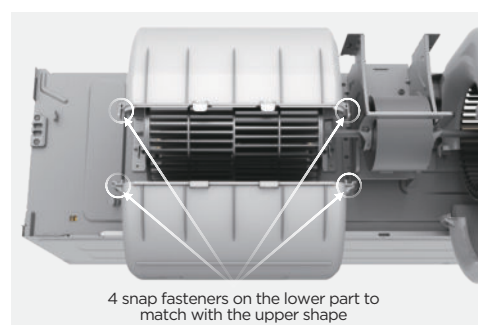
Fan motor wire connection

Upgrade of Fan Motor

The design of the integrated motor bracket, previously consisting of three parts, now integrated into one, improves installation stability and facilitates disassembly and assembly.

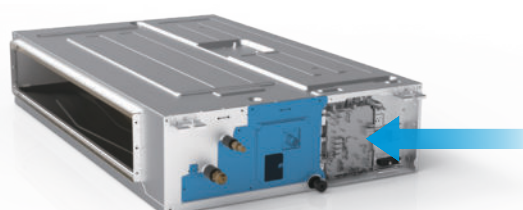


The spiral spring buckle design improves installation stability and makes disassembly and assembly more friendly.



Upgrade of Drain Pump

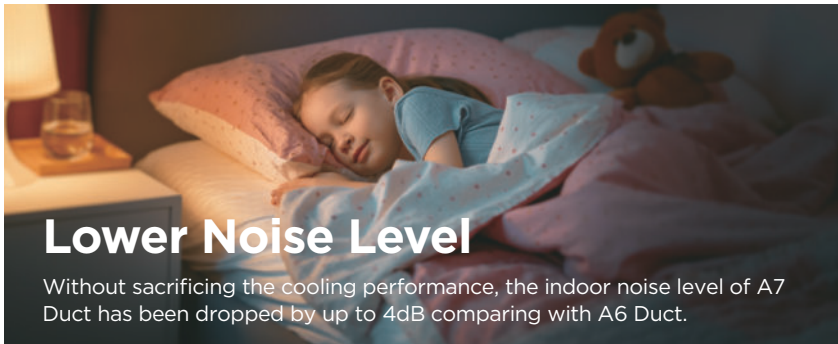
Service area of A7 Duct is 20% more than A6. When replacing the drain pump and temperature sensor, the process has been simplified to minimize maintenance time.



Water pump + pipe clamps

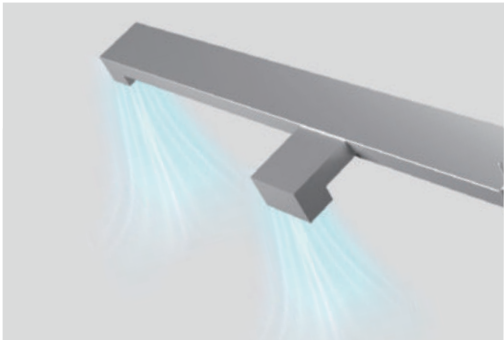


Lower Noise



Lower Noise Level

Without sacrificing the cooling performance, the indoor noise level of A7 Duct has been dropped by up to 4dB comparing with A6 Duct.



		A6	A7
Indoor fan motor	Speed (Hi/Mi/Lo) (r/min)	990/910/840	853/778/702
Indoor air flow (Hi/Mi/Lo) (m³/h)		3365/2945/2470	2900/2300/1600
Indoor noise level (Hi/Mi/Lo) (dB(A))		50.5/47.5/44	46.5/45/43

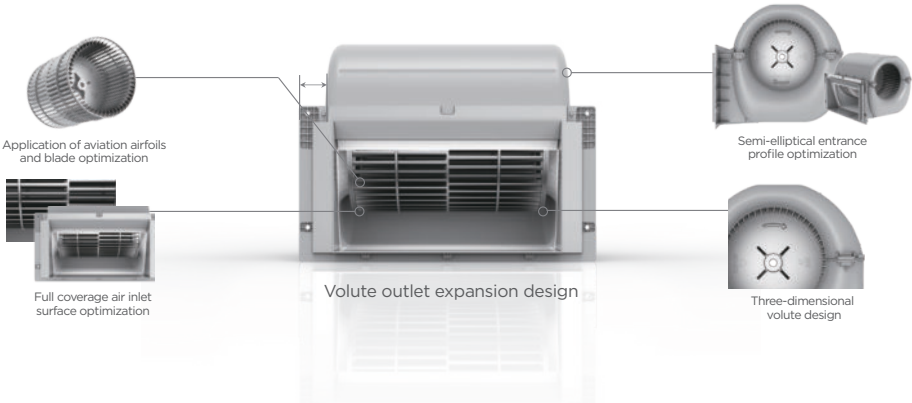
Without sacrificing the performance of cooling, both the airflow and the speed of indoor fan motor have been lower down to reduce 1dB to 4dB of indoor noise by the improvement of new eccentric fan design.

Low Noise

Comfortable

Optimization of Duct Design

By applying the new design of duct, the interior noise level has been reduced significantly. End users would not get irritable easily even staying indoor for a long time.





PRODUCT SPECIFICATION

A7 Duct

Indoor Model			MTJ-09HW FNX-QRD1W (GA)	MTJ-12HW FNX-QRD1W (GA)	MTJ-18HW FNX-QRD1W (GA)	MTJ-24HW FNX-QRD1W (GA)
Cooling	Pdesigngc	kW	2.6	3.5	5.3	7.1
	SEER	W/W	6.5	6.5	6.5	6.6
	Energy Efficiency Class		A++	A++	A++	A++
Heating (Average)	Pdesigngh	kW	2.1	2.7	4.3	5.6
	SCOP	W/W	4.1	4.1	4.1	4.2
	Energy Efficiency Class		A+	A+	A+	A+
	Tbiv	℃	-7	-7	-7	-7
Heating (Warmer)	Pdesigngh	kW	2.8	3.4	5.2	6.5
	SCOP	W/W	5.1	5.1	5.1	5.4
	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	℃	2	2	2	2
Tol		℃	-15	-15	-15	-15
Power supply (Indoor)		V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)		V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Cooling	Capacity	Btu/h	9000(1200-13000)	12000 (1800-13334)	18000 (4500-21000)	24200 (11000-27000)
	Capacity	kW	2.64(0.35-3.82)	3.52(0.53-3.91)	5.28(1.32-6.16)	7.09(3.23-7.92)
	Input	W	720 (135-1182)	1164 (155-1465)	1590 (360-2130)	2280 (750-2860)
	Current	A	3.2 (1.1-5.26)	4.77 (1.3-6.47)	7.1 (1.6-9.4)	10 (4.2-12.6)
Heating	Capacity	Btu/h	10000(3200-11877)	13000 (3400-15241)	20500 (5100-21500)	27200 (9500-29200)
	Capacity	kW	2.93(0.94-3.48)	3.81(1.00-4.47)	6.01(1.50-6.31)	8.0(2.79-8.56)
	Input	W	850 (290-852)	1285 (302-1423)	1615 (500-1850)	2000 (640-2500)
	Current	A	3.81 (1.38-3.81)	5.69 (1.48-6.29)	7.2 (2.2-8.1)	9 (3.8-11)
Indoor air flow		m ³ /h	620/540/450	660/570/470	900/780/650	1200/1000/700
ESP	Rated	Pa	25	25	25	25
	Range	Pa	0-80	0-100	0-160	0-160
Indoor sound pressure level		dB(A)	35/33/31	35/33/31	36.5/34/31	33.5/32.5/31
Indoor sound power level		dB(A)	52	52	53	56
Outdoor sound pressure level (Hi)		dB(A)	53	55.5	59	60
Outdoor sound power level (Hi)		dB(A)	62	62	62	69
Indoor unit	Dimension (WxDxH)	mm	700x450x200	700x450x200	700x750x245	1000x750x245
	Packing(WxDxH)	mm	860x540x285	860x540x285	925x850x298	1225x860x304
	Net/Gross weight	kg	16.6/19.8	16.6/19.8	24.4/29	31.8/37.2
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Drainage water pipe diameter		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant piping	Liquid side/ Gas side	mm	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
Controller		Standard	Wired control	Wired control	Wired control	Wired control
Operation temperature		℃	16-30	16-30	16-30	16-30
Room temperature	Cooling	℃	16~32	16~32	16~32	16~32
	Heating	℃	0-30	0-30	0-30	0-30
Qty/per 20' /40' /40'HQ		Indoor unit	214/461/519	214/461/519	112/242/290	83/170/186



PRODUCT SPECIFICATION

A7 Duct

Indoor Model			MTJ-30HW FNX-QRD1W (GA)	MTJ-36HW FNX-QRD0 W (GA)	MTJ-36HW FNX-QRD0 W (GA)	MTJ-42HW FNX-QRD0 W (GA)
Cooling	Pdesigngc	kW	8.8	10.5	10.6	12.1
	SEER	W/W	6.6	6.3	6.1	6.1
	Energy Efficiency Class		A++	A++	A++	A++
Heating (Average)	Pdesigngh	kW	8.0	8.4	8.8	9.5
	SCOP	W/W	4.2	4.1	4.0	4.1
	Energy Efficiency Class	°C	A+	A+	A+	A+
	Tbiv		-7	-7	-15	-15
Heating (Warmer)	Pdesigngh	kW	8.2	10	10	10.2
	SCOP	W/W	5.5	5.1	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	°C	2	2	2	2
Tol		°C	-15	-15	-15	-15
Power supply (Indoor)		V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)		V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	220-240V,1Ph, 50Hz
Cooling	Capacity	Btu/h	30000 (7600-34000)	36000 (9400-40000)	36000 (9300-40000)	41300 (10000-42000)
	Capacity	kW	8.79 (2.23-9.97)	10.55(2.75-11.73)	10.55(2.726-11.73)	12.11(2.93-12.31)
	Input	W	2800 (190-3450)	3950 (900-4300)	3900 (890-4200)	4000 (680-4500)
	Current	A	12.5 (2.0-15)	17.5 (4.2-19)	6 (1.4-6.7)	18 (3.1-19.8)
Heating	Capacity	Btu/h	32000 (9200-34100)	40000 (9500-43000)	40000 (9500-43800)	46000 (11500-48000)
	Capacity	kW	9.38 (2.70-10)	11.72(2.78-12.61)	11.72 (2.78-12.84)	13.48(3.37-14.07)
	Input	W	2400 (430-2550)	3250 (800-3950)	3300 (780-4000)	3550 (750-4100)
	Current	A	10.6 (3.0-11.5)	14.5 (3.5-17.5)	5.3 (1.3-6.4)	16.0 (3.4-18.5)
Indoor air flow		m ³ /h	1500/1200/900	1700/1400/1100	1700/1400/1100	2000/1700/1300
ESP	Rated	Pa	37	37	37	50
	Range	Pa	0-160	0-160	0-160	0-160
Indoor sound pressure level		dB(A)	39/37/35	38/36/33	40/37/34	39/37.5/36
Indoor sound power level		dB(A)	60	62	62	62
Outdoor sound pressure level (Hi)		dB(A)	60	65	65	63.5
Outdoor sound power level (Hi)		dB(A)	70	70	70	72
Indoor unit	Dimension (WxDxH)	mm	1000x750x245	1200x750x245	1200x750x245	1200x750x245
	Packing(WxDxH)	mm	1225x860x304	1425x860x304	1425x860x304	1425x860x304
	Net/Gross weight	kg	32.7/38.3	38.4/44.4	38.4/44.4	40.6/46.1
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Drainage water pipe diameter		mm	ODφ25mm	ODφ25mm	ODφ25mm	ODφ25mm
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
Controller		Standard	Wired control	Wired control	Wired control	Wired control
Operation temperature		°C	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	16~32	16~32	16~32	16~32
	Heating	°C	0-30	0-30	0-30	0-30
Qty'per 20' /40' /40'HQ		Indoor unit	83/170/186	74/156/174	74/156/174	74/156/174



PRODUCT SPECIFICATION

A7 Duct

Indoor Model			MTJ-48HW FNX-QRD0 W (GA)	MTJ-48HW FNX-QRD0 W (GA)	MTJ-55HW FNX-QRD0 W (GA)
Cooling	Pdesignnc	kW	14.0	14.0	15.3
	SEER	W/W	6.1	6.1	6.1
	Energy Efficiency Class		A++	A++	A++
Heating (Average)	Pdesignnh	kW	11.5	11.5	12.5
	SCOP	W/W	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+
	Tol	°C	-15	-15	-15
Heating (Warmer)	Pdesignnh	kW	11.5	11.2	12.8
	SCOP	W/W	5.1	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++
	Tbiv	°C	2	2	2
Tol		°C	-15	-15	-15
Power supply (Indoor)		V,HZ,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)		V,HZ,Ph	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Cooling	Capacity	Btu/h	48000 (12000-51000)	48000 (12000-54000)	52000 (14000-59000)
	Capacity	kW	14.07(3.52-14.95)	14.07(3.52-15.83)	15.24(4.10-17.29)
	Input	W	4700 (810-6150)	4500 (810-6450)	5250 (1030-6650)
	Current	A	20.8 (4-26.7)	7 (1.8-10.5)	8.1 (3.1-11.5)
Heating	Capacity	Btu/h	55000 (14000-59000)	55000 (14000-60000)	62000 (15000-70000)
	Capacity	kW	16.12(4.11-17.30)	16.12(4.11-17.59)	18.18(4.40-20.52)
	Input	W	4600 (950-5700)	4600 (950-5800)	5150 (950-6600)
	Current	A	20 (4.5-25)	8 (2-9)	8.0 (2-11.5)
Indoor air flow		m³/h	2000/1700/1300	2000/1700/1300	2200/1900/1500
ESP	Rated	Pa	50	50	50
	Range	Pa	0-160	0-160	0-160
Indoor sound pressure level		dB(A)	46/44/42	43.5/41.5/39.5	44.5/43/41.5
Indoor sound power level		dB(A)	64	65	66
Outdoor sound pressure level (Hi)		dB(A)	64.5	64.5	64
Outdoor sound power level (Hi)		dB(A)	74	73	74
Indoor unit	Dimension (WxDxH)	mm	1200x750x245	1200x750x245	1200x750x300
	Packing(WxDxH)	mm	1425x860x304	1425x860x304	1425*860*354
	Net/Gross weight	kg	40.4/46.8	40.4/46.8	42.9/49.1
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7
Drainage water pipe diameter		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
Controller		Standard	Wired control	Wired control	Wired control
Operation temperature			16-30	16-30	16-30
Room temperature	Cooling	°C	16~32	16~32	16~32
	Heating	°C	0-30	0-30	0-30
Qty'per 20' / 40' / 40'HQ		Indoor unit	74/156/174	74/156/174	66/135/158



COMPACT ROUND FLOW CASSETTE 60X60

UP TO SEER 6.8(A++)/SCOP4.1(A+)
ENERGY EFFICIENCY

Feature



Follow Me



Flash Cooling



Anti-Cold Air
Function



Sleep Mode



Dry Mode



Multi Outdoor
Fan Speed



Rotation: Intelligent
Dusting Switch



Power Down
Memory



Timer



Refrigerant
Leakage Detect



Auto Restart
Function



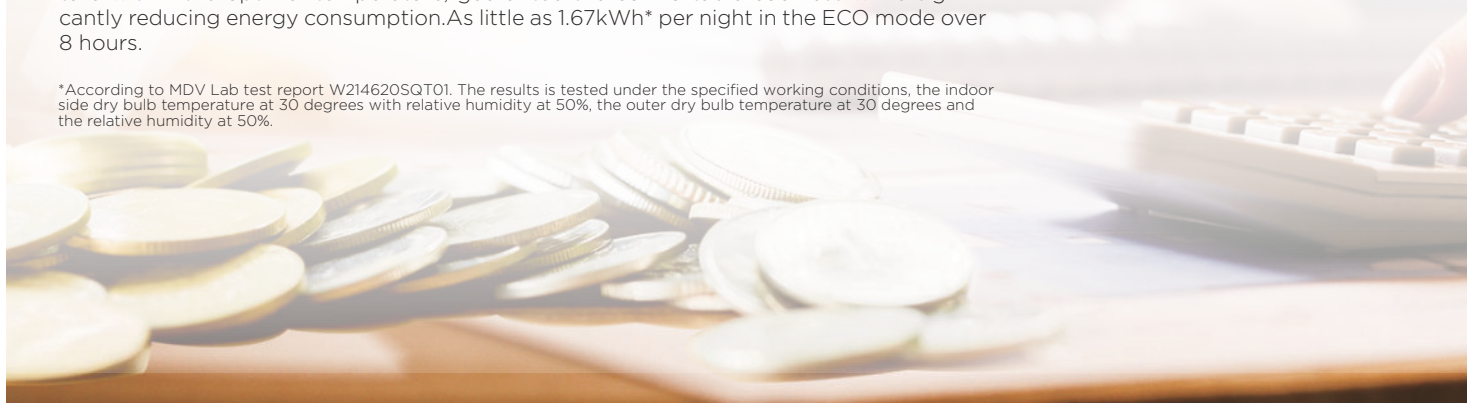
Emergency
Using Function

Energy Saving

iECO Mode

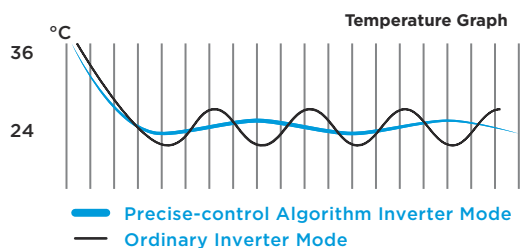
One click to limit the maximum frequency current while still maintain the room temperature within the optimal temperature, guarantee the comfortable coolness while significantly reducing energy consumption. As little as 1.67kWh* per night in the ECO mode over 8 hours.

*According to MDV Lab test report W214620SQT01. The results is tested under the specified working conditions, the indoor side dry bulb temperature at 30 degrees with relative humidity at 50%, the outer dry bulb temperature at 30 degrees and the relative humidity at 50%.



GA Algorithm

The GA inverter technology is advanced control program of compressor operation frequency with 0.6Hz adjustment precision and faster startup. It facilitates better temperature experience and ensure fast frequency increase at startup, stable operation in hard condition and accurate output to temperature change.



Inverter Quattro

The exclusive MDV Inverter Quattro™ technology empowers MDV's inverter compressor to be one of the best AC compressors in the world. Under all conditions, MDV inverter compressors operate powerfully, efficiently, speedily, and steadily at the same time.



Comfort

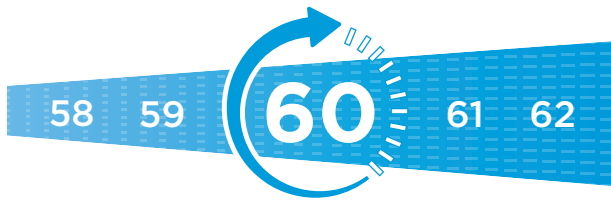
Meet the various and individual cooling requirements to achieve real comfort for everyone





Stepless Fan Control

0-100% fan speed can be precisely controlled in 1% increments, breaking the traditional fixed fan speed.



360° Round Flow

Unique seamless airflow louver design allows cool air to diffuse and sink in 360°, offering uniform cooling experience throughout the space.



Individual Vane Control

The individual vane control system enables the unit to supply multi-directional airflow and customize everyone's comfort with a multitude of cooling configurations.



Adjustable Vane and Long Airflow

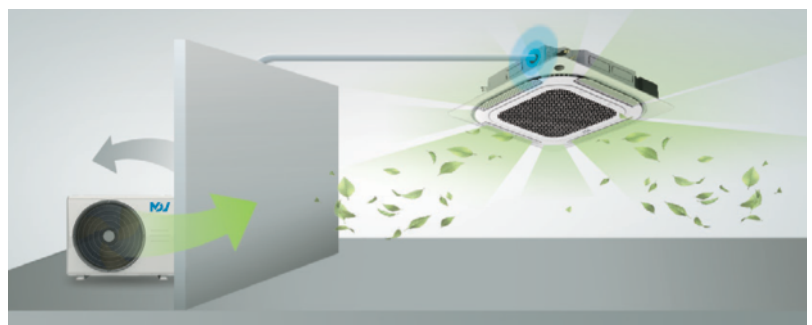
Adjustable Vane from 0° to 75° and 5.5 meters long airflow, no corner in your room is beyond its reach.



Health

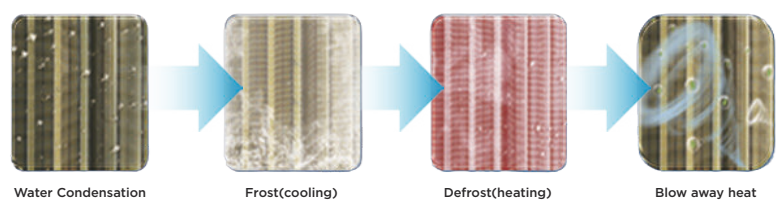
Fresh Air

Outdoor air can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



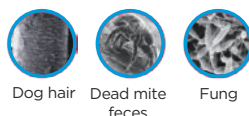
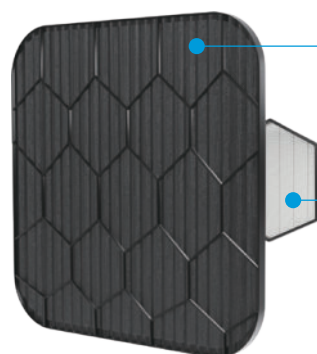
Self-clean

The Self-Clean Technology washes away dust, mold, and grease that may cause odors when it adheres to the evaporator by automatically freezing and then rapidly thawing the frost, keeping evaporator clean and high efficiency in the long run.



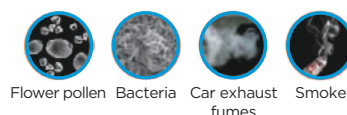
Dual Filtration System (optional)

Eliminate harmful substances in two successive steps and provide fresh and clean air for you.



Step 1 | Full High Density Filter

blocks out dust particles and other airborne impurities as initial screening.

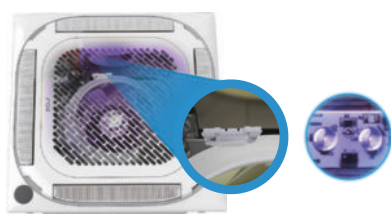


Step 2 | Micro Protection Filter

removes the pollen (allergen), smoke and micro-dust under $0.3\mu\text{m}$, further ensuring the cleanliness.

UV-C LIGHT

Located on the surface of the evaporator of the indoor unit, UV-C lights kill bacteria by destroying their DNA and RNA structure, achieving the effect of complete sterilization.



SUPER IONIZER

Built in the air-inlet of indoor unit, the Super Ionizer generates positive and negative ions, effectively sterilizing, deodorizing, eliminating dust, smoke and pollen particles which improves the indoor air quality.

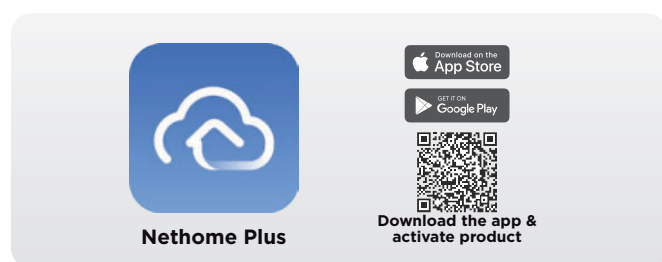


Smart

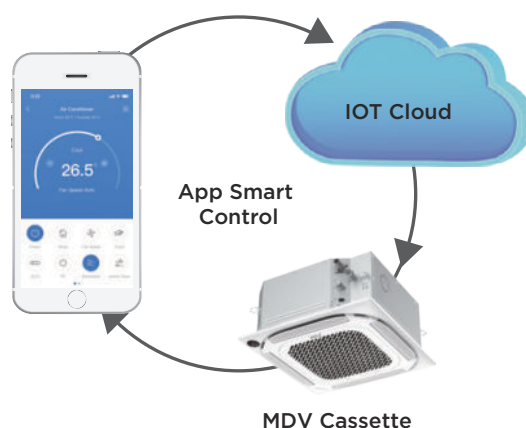
Get rid of control trouble through wired and wireless controllers

Smart Control

Based on the cloud service under M-Smart Security Protocol, the Nethome Plus app makes your life easier, smarter and more comfortable with versatile functions just in hand.

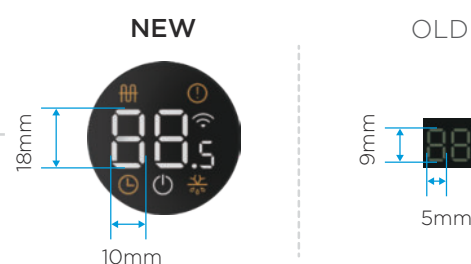


App-based Remote Control



LED Display

Larger LED display design, easier to check temperature at any time.





PRODUCT SPECIFICATION

New Compact 4 Way Cassette

Indoor Model			MCA4U-09HRFNX-QRD1W (GA)	MCA4U-12HRFNX-QRD1W (GA)	MCA4U-18HRFNX-QRD1W (GA)
Cooling	Pdesignc	kW	2.6	3.5	5.3
	SEER	W / W	6.3	6.8	6.5
	Energy Efficiency Class		A++	A++	A++
Heating (Average)	Pdesignh	kW	2.0	2.7	4.2
	SCOP	W / W	4.1	4.1	4.1
	Energy Efficiency Class		A+	A+	A+
	Tbiv	°C	-7	-7	-7
Heating (Warmer)	Pdesignh	kW	2.8	3.3	5.3
	SCOP	W / W	5.1	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++
	Tbiv	°C	2	2	2
Tol		°C	-15	-15	-15
Power supply (Indoor)		V,HZ,Ph	220-240 V,1Ph, 50 Hz	220-240 V,1Ph, 50 Hz	220-240 V,1Ph, 50 Hz
Power supply (Outdoor)		V,HZ,Ph	220-240 V,1Ph, 50 Hz	220-240 V,1Ph, 50 Hz	220-240 V,1Ph, 50 Hz
Cooling	Capacity	Btu/ h	9000 (1200~11600)	12000 (2900~14200)	18000 (9900~20000)
	Capacity	kW	2.64(0.36~3.40)	3.52(0.85~4.16)	5.28 (2.90~5.59)
	Input	W	810 (140~1240)	1015 (160~1450)	1550 (720~2040)
	EER	W / W	3.26	3.47	3.40
	Current	A	3.6 (1.1~5.5)	4.5 (1.3~6.4)	6.9 (3.2~9.0)
Heating	Capacity	Btu/ h	10000 (1500~12300)	13000 (1600~14800)	19000 (8100~21500)
	Capacity	kW	2.93(0.45~3.61)	3.81(0.47~4.34)	5.57 (2.37~6.10)
	Input	W	950 (120~1290)	1020 (125~1390)	1560 (700~1950)
	COP	W / W	3.09	3.74	3.57
	Current	A	4.2 (1.2~5.6)	4.5 (1.1~6.2)	6.8 (3.1~8.6)
Indoor air flow (Hi/ Mi/ Lo)		m³/ h	500 / 460 / 400	620 / 520 / 330	660 / 540 / 300
Indoor sound pressure level (Hi)		dB(A)	37.0 / 35.5 / 33.0 / 26.0	42 / 38.5 / 31.5 / 25.5	44 / 41 / 31.5 / 25
Indoor sound power level (Hi)		dB(A)	52	55	59
Outdoor sound pressure level (Hi)		dB(A)	53.5	57	58
Outdoor sound power level (Hi)		dB(A)	63	62	65
Indoor unit	Dimension (W x Dx H)(body)	mm	570x570x245	570x570x245	570x570x245
	Packing (W x Dx H)(body)	mm	715x640x295	715x640x295	715x640x295
	Dimension (W x Dx H)(panel)	mm	620x620x50	620*620x50	620*620x50
	Packing (W x Dx H)(panel)	mm	715x700x115	715*700*115	715*700*115
	Net/ Gross weight(body)	kg	14.6 / 17.5	16.1 / 18.8	16.2 / 19
	Net/ Gross weight(panel)	kg	2.7 / 4.3	2.7 / 4.3	2.7 / 4.3
Design pressure		MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant piping	Liquid side/ Gas side	mm	6.35mm(1/4in)/ 9.52mm(3/8in)	6.35mm(1/4in)/ 9.52mm(3/8in)	6.35mm(1/4in)/ 12.7mm(1/2in)
Controller		Standard	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16~30	16~30	16~30
Room temperature	Indoor(cooling/ heating)	°C	16~32/ 0~30	16~32/ 0~30	16~32/ 0~30
	Outdoor(cooling/ heating)	°C	-15~50 / -20~24	-15~50 / -20~24	-15~50 / -20~24
Qty'per 20' / 40' / 40'HQ		Indoor unit	216 / 432 / 486	216 / 432 / 486	216 / 432 / 486



STANDARD ROUND FLOW CASSETTE 90X90

Feature



Follow Me



Flash Cooling



Anti-Cold
Air Function



Sleep Mode



Dry Mode



Power Down
Memory



Timer

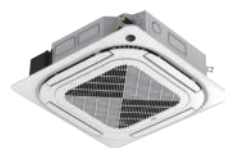


Auto Restart
Function



Refrigerant
Leakage Detect

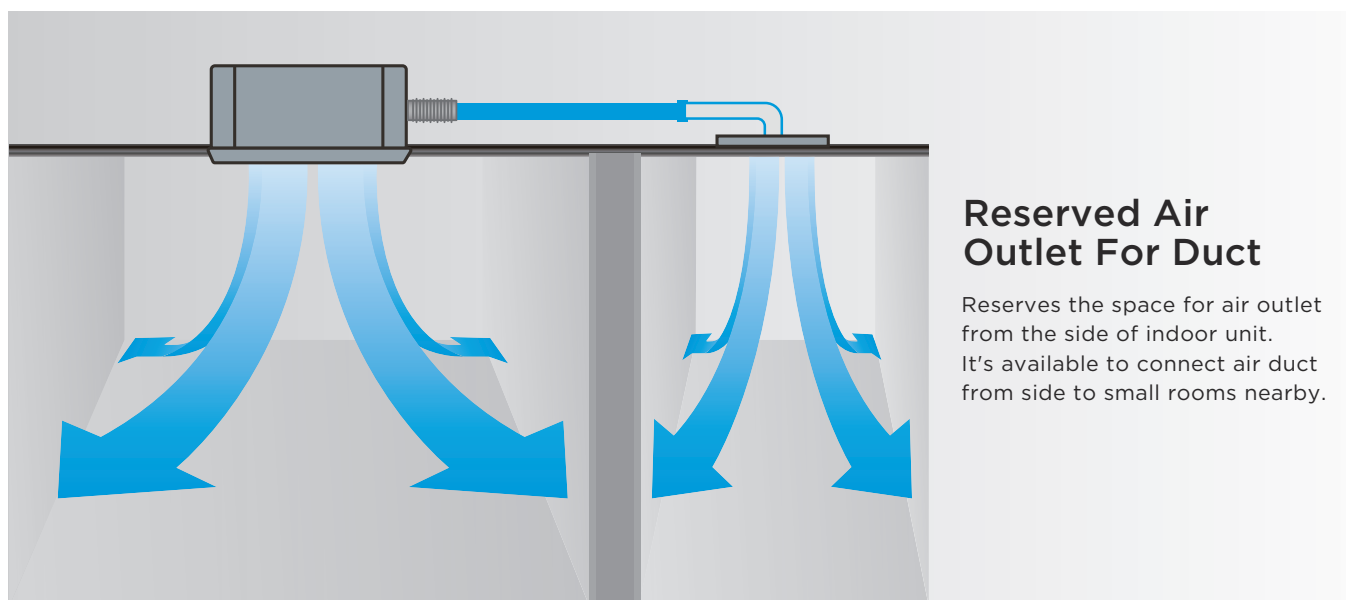
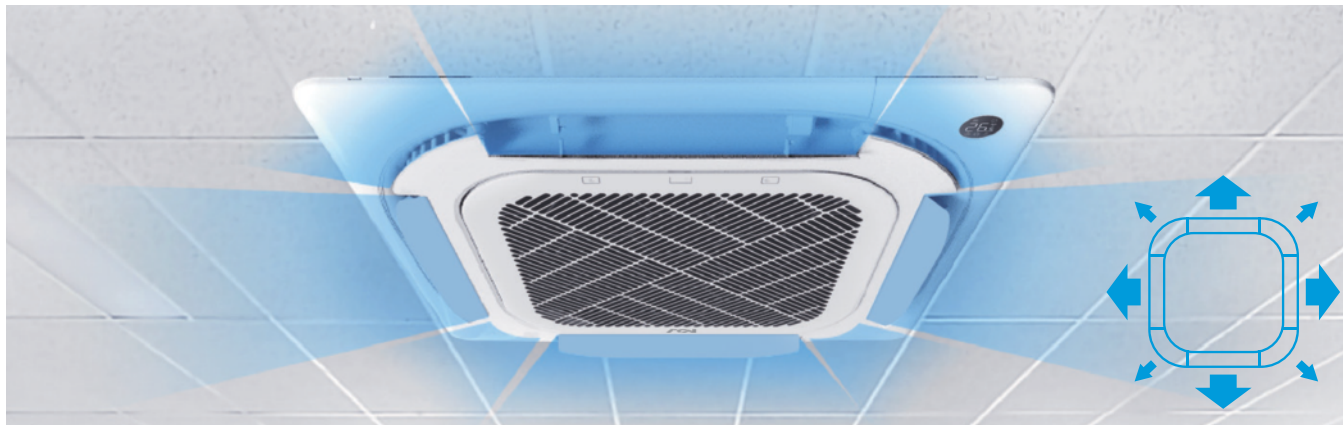
Appearance





360° Round Flow

Unique seamless airflow louver design allows cool air to diffuse and sink in 360°, offering uniform cooling experience throughout the space.



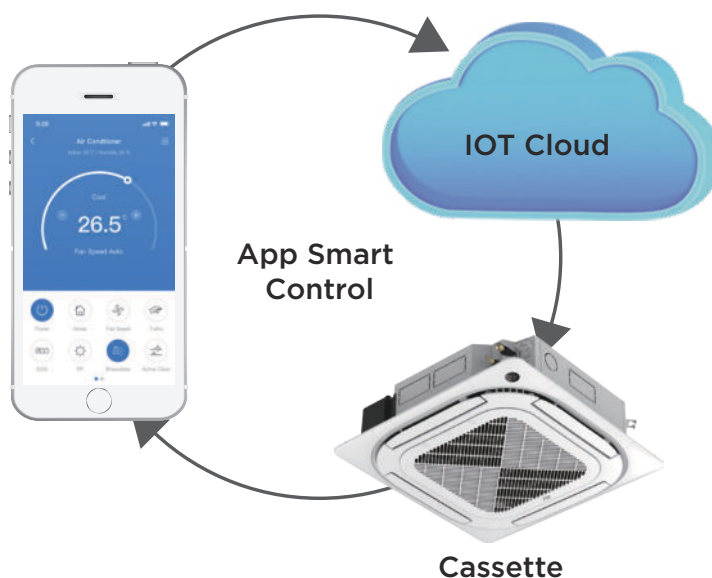
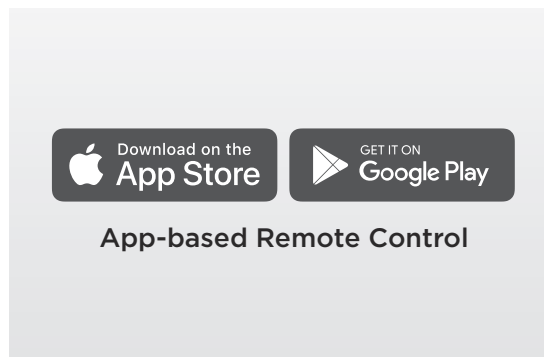
Fresh Air

Outdoor air can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



Smart Control

Based on the cloud service, the NetHomePlus makes your life easier, smarter and more comfortable with versatile functions just in hand.



LED Display

Larger LED display design, easier to check temperature at any time.



Wired Controller (Optional)

Build-in Infrared Receiver

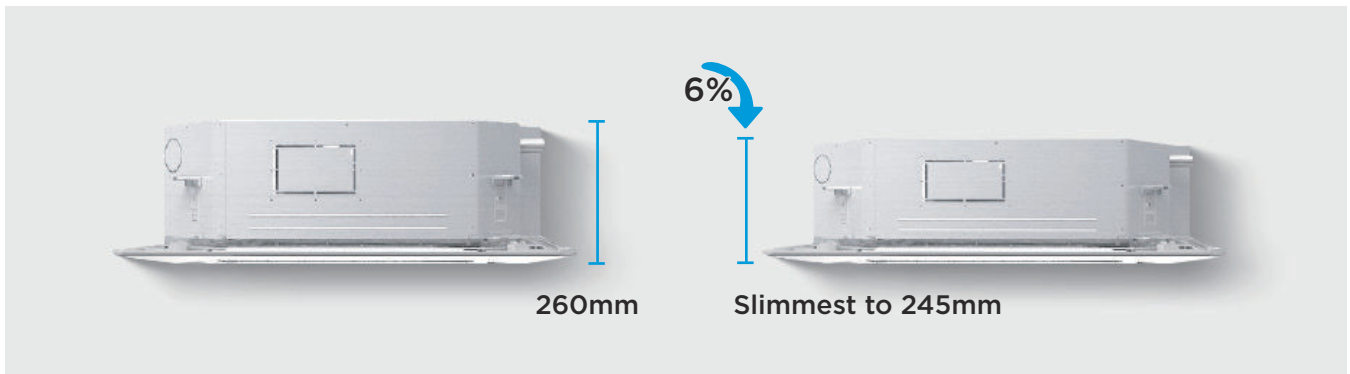
An infrared receiver is built in the wired controller. It is more convenient for users to control the AC with the wireless controller by pointing to the wired controller rather than to the AC.



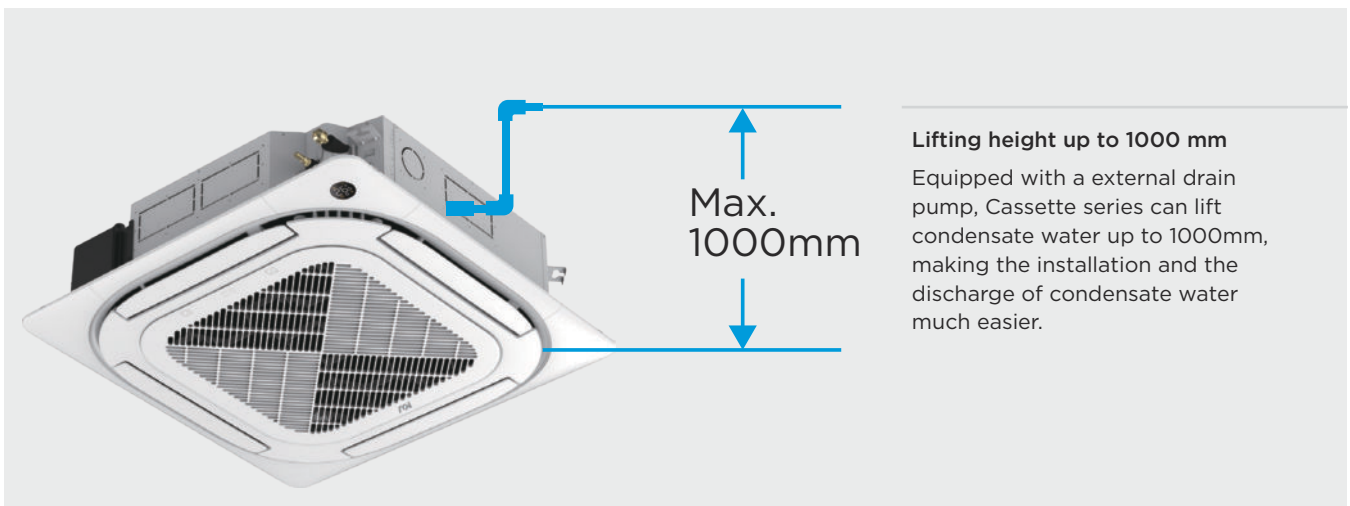


Super Slim Design

Cassette series is much slimmer thanks to the redesigned heat exchanger and overall structure. It now requires less space for installation.



Re-structure Drain Pump



◀ Enlarge Space For Piping

More friendly for handwork operation

User-friendly Hook Design ▶

Curved metal hook with more ergonomic is easier to carry and uplift the machine.





PRODUCT SPECIFICATION

Cassette

Indoor Model			MCD1-24HRFNX-QRD0W(GA)	MCD1-24HRFNX-QRD0W(GA)	MCD1-30HRFNX-QRD0W(GA)
Cooling	Pdesignc	kW	7.0	7.1	8.8
	SEER	W/W	6.2	6.3	6.6
	Energy Efficiency Class		A++	A++	A++
Heating (Average)	Pdesignh	kW	6.0	6.2	7.4
	SCOP	W/W	4.0	4.1	4.2
	Energy Efficiency Class		A+	A+	A+
	Tbiv	°C	-7	-7	-7
Heating (Warm)	Pdesignh	kW	6.3	6.3	7.6
	SCOP	W/W	5.1	5.4	5.1
	Energy Efficiency Class		A+++	A+++	A+++
	Tbiv	°C	2	2	2
Tol		°C	-15	-15	-15
Power supply (Indoor)		V,Hz,Ph	220-240 V,1Ph,50 Hz	220-240 V,1Ph,50 Hz	220-240 V,1Ph,50 Hz
Power supply (Outdoor)		V,Hz,Ph	220-240 V,1Ph,50 Hz	220-240 V,1Ph,50 Hz	220-240 V,1Ph,50 Hz
Cooling	Capacity	Btu/h	24000(11263-27000)	24000(11250-27000)	30000(7600-32000)
	Capacity	kW	7.03(3.30~7.91)	7.03(3.29~7.91)	8.79(2.23~9.38)
	Input	W	2320(780~2748)	2320(780~2750)	2750(190~3000)
	Current	A	10.2(4.2~12)	10.2(4.2~12)	12.0(2.0~13.0)
Heating	Capacity	Btu/h	26000(9577-30500)	26000(9500-29000)	32000(9200~33200)
	Capacity	kW	7.62(2.81~8.94)	7.62(2.79~8.50)	9.38(2.70~9.73)
	Input	W	1900(610~2700)	1900(610~2300)	2450(430~2550)
	Current	A	8.5(3.6~12.1)	8.5(3.6~10.1)	11.0(3.0~11.5)
Indoor air flow (Hi/ Mi/ Lo)		m³/h	1247/ 1118/ 992	1247/ 1118/ 992	1700/ 1530/ 1300
Indoor sound pressure level (Hi)		dB(A)	50/ 47.5/ 42/ 29	45/ 42.5/ 37/ 27.5	50.5/ 48/ 46/ 40
Indoor sound power level (Hi)		dB(A)	57 规格书中是 59	59	63
Outdoor sound pressure level (Hi)		dB(A)	60	60	62
Outdoor sound power level (Hi)		dB(A)	67/ 69	68	70
Indoor unit	Dimension (W x Dx H)(body)	mm	830x830x205	830x830x205	830x830x245
	Packing (W x Dx H)(body)	mm	910x910x250	910x910x250	910x910x290
	Dimension (W x Dx H)(panel)	mm	950x950x55	950x950x55	950x950x55
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/ Gross weight(body)	kg	21.6/ 25.4	21.6/ 25.4	24.6/ 28.6
	Net/ Gross weight	kg	6/ 9	6/ 9	6/ 9
Design pressure		MPa	4.3/ 1.7	4.3/ 1.7	4.3/ 1.7
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/ 8in)/ 15.9mm(5/ 8in)	9.52mm(3/ 8in)/ 15.9mm(5/ 8in)	9.52mm(3/ 8in)/ 15.9mm(5/ 8in)
Controller		Standard	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16~30	16~30	16~30
Room temperature	Cooling	°C	16~32	16~32	16~32
	Heating	°C	0~30	0~30	0~30
Qty'per 20' / 40' / 40'HQ		Indoor unit	108/ 234/ 260	108/ 234/ 260	96/ 208/ 234



PRODUCT SPECIFICATION

Cassette

Indoor Model			MCD1-30HRFNX-QRD0W(GA)	MCD1-36HRFN8-QRD0W(GA)	MCD1-36HRFN8-QRD0W(GA)
Cooling	Pdesignnc	kW	8.8	10.5	10.5
	SEER	W/W	6.6	6.7	6.4
	Energy Efficiency Class		A++	A++	A++
Heating (Average)	Pdesignnh	kW	7.7	8.5	8.2
	SCOP	W/W	4.2	4.0	4.0
	Energy Efficiency Class		A+	A+	A+
	Tbiv	°C	-7	-7	-7
Heating (Warmer)	Pdesignnh	kW	7.8	10.1	10.1
	SCOP	W/W	5.1	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++
	Tbiv	°C	2	2	2
Tol		°C	-15	-15	-15
Power supply (Indoor)		V,HZ,Ph	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Power supply (Outdoor)		V,HZ,Ph	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	380-415V,3Ph,50Hz
Cooling	Capacity	Btu/h	30000(7600~32000)	36000(9200~39000)	36000(9200~39000)
	Capacity	kW	8.79(2.23~9.38)	10.55(2.70~11.43)	10.55(2.70~11.43)
	Input	W	2750(190~3000)	3950(900~4200)	4000(890~4150)
	Current	A	12.0(2.0~13.0)	17.5(4.2~18.5)	6.5(1.4~6.5)
Heating	Capacity	Btu/h	32000(9200~33200)	38000(9500~42000)	38000(9500~43200)
	Capacity	kW	9.38(2.70~9.73)	11.14(2.78~12.30)	11.14(2.78~12.66)
	Input	W	2450(430~2550)	3000(800~3950)	3000(780~4000)
	Current	A	11.0(3.0~11.5)	13.5(3.5~17.5)	5.0(1.3~6.4)
Indoor air flow (Hi/ Mi/ Lo)		m³/h	1700/ 1530/ 1300	1700/ 1530/ 1300	1700/ 1530/ 1300
Indoor sound pressure level (Hi)		dB(A)	50.5/ 48/ 46/ 40	51/ 48/ 46/ 40	51/ 49/ 46/ 39
Indoor sound power level (Hi)		dB(A)	63	63	63
Outdoor sound pressure level (Hi)		dB(A)	62	63	63
Outdoor sound power level (Hi)		dB(A)	70	70	70
Indoor unit	Dimension (W x Dx H)(body)	mm	830x830x245	830x830x245	830x830x245
	Packing (W x Dx H)(body)	mm	910x910x290	910x910x290	910x910x290
	Dimension (W x Dx H)(panel)	mm	950x950x55	950x950x55	950x950x55
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/ Gross weight(body)	kg	24.6/ 28.6	27.2/ 31.2	27.2/ 31.2
	Net/ Gross weight	kg	6/ 9	6/ 9	6/ 9
Design pressure		MPa	4.3/ 1.7	4.3/ 1.7	4.3/ 1.7
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/ 15.9mm(5/8in)	9.52mm(3/8in)/ 15.9mm(5/8in)	9.52mm(3/8in)/ 15.9mm(5/8in)
Controller		Standard	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16~30	16~30	16~30
Room temperature	Cooling	°C	16~32	16~32	16~32
	Heating	°C	0~30	0~30	0~30
Qty'per 20' / 40' / 40'HQ		Indoor unit	96/ 208/ 234	96/ 208/ 234	96/ 208/ 234



PRODUCT SPECIFICATION

Cassette

Indoor Model			MCD1-42HHRFNX-QRD0 W (GA)	MCD1-48HHRFNX-QRD0 W (GA)	MCD1-48HHRFNX-QRD0 W (GA)	MCD1-48HHRFNX-QRD0 W (GA)
Cooling	Pdesigngc	kW	12.1	14.0	14.0	14.0
	SEER	W/W	6.1	6.1	6.1	6.1
	Energy Efficiency Class		A++	A++	A++	A++
Heating (Average)	Pdesigngh	kW	9.5	11.0	11.2	10.5
	SCOP	W/W	4.0	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+	A+
	Tbiv	°C	-7	-7	-7	-7
Heating (Warmer)	Pdesigngh	kW	9.8	12	11.1	11.5
	SCOP	W/W	5.1	5.0	5.1	5.0
	Energy Efficiency Class		A+++	A++	A+++	A++
	Tbiv	°C	2	2	2	2
Tol		°C	-15	-15	-15	-15
Power supply (Indoor)		V,HZ,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)		V,HZ,Ph	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz	220-240V,1Ph, 50Hz
Cooling	Capacity	Btu/h	41000 (10000-42000)	48000 (12000-54000)	48000 (12000-54000)	48000 (12000-52000)
	Capacity	kW	12.02(2.93-12.31)	14.07(3.52-15.83)	14.07(3.52-15.83)	14.07(3.52-15.24)
	Input	W	4200 (680-4350)	4650 (800-5900)	4980 (810-6350)	4950 (800-5700)
	Current	A	18.8 (3.1-19.1)	8.1 (1.8-10.2)	8.0 (1.8-10.3)	21.7 (5.79-25.9)
Heating	Capacity	Btu/h	46000 (11500-48000)	55000 (14000-59000)	55000 (14000-59000)	55000 (14000-58000)
	Capacity	kW	13.48(3.37-14.07)	16.12(4.10-17.29)	16.12(4.10-17.29)	16.12(4.20-17)
	Input	W	3700 (750-4250)	4580 (900-5500)	4580 (910-5900)	4750 (900-5800)
	Current	A	16.3 (3.4-19)	8.0 (1.9-9.5)	7.5 (1.9-9.6)	20.5 (6.52-26.3)
Indoor air flow (Hi/Mi/Lo)		m³/h	1900/1750/1600	1900/1750/1600	1900/1750/1600	1900/1750/1600
Indoor sound pressure level (Hi)		dB(A)	52.5/50/47.5/40	52.5/50.5/48/40	51.5/49.0/46.5/38.5	50/48/45/38.5
Indoor sound power level (Hi)		dB(A)	65	65	66	65
Outdoor sound pressure level (Hi)		dB(A)	63	63.5	64.0	60.5
Outdoor sound power level (Hi)		dB(A)	71	73	73	72
Indoor unit	Dimension (W x Dx H)(body)	mm	830x830x287	830x830x287	830x830x287	830x830x287
	Packing (W x Dx H)(body)	mm	910x910x330	910x910x330	910x910x330	910x910x330
	Dimension (W x Dx H)(panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	29.3/33.5	29.3/33.5	29.3/33.5	29.3/33.5
	Net/Gross weight	kg	6/9	6/9	6/9	6/9
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
Controller		Standard	Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30	0-30
Qty/per 20' /40' /40'HQ		Indoor unit	84/182/208	84/182/208	84/182/208	84/182/208



PRODUCT SPECIFICATION

Cassette

Indoor Model			MCD1-48HRFNX-QRD0 W (GA)	MCD1-55HRFNX-QRD0 W (GA)	MCD1-55HRFNX-QRD0 W (GA)
Cooling	Pdesignc	kW	14.0	15.3	15.3
	SEER	W/W	6.1	6.1	6.3
	Energy Efficiency Class		A++	A++	A++
Heating (Average)	Pdesignh	kW	11.2	11.8	11.9
	SCOP	W/W	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+
	Tbiv	°C	-7	-7	-7
Heating (Warmer)	Pdesignh	kW	11.1	11.5	12.5
	SCOP	W/W	5.1	4.9	5.1
	Energy Efficiency Class		A++	A++	A+++
	Tbiv	°C	2	2	2
Tol		°C	-15	-15	-15
Power supply (Indoor)		V,HZ,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)		V,HZ,Ph	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Cooling	Capacity	Btu/h	48000 (12000-54000)	52000 (14000-55000)	53000 (14000-57000)
	Capacity	kW	14.07(3.52-15.83)	15.24 (4.10-16.12)	15.54 (4.10-16.71)
	Input	W	4850 (810-5700)	5700 (1000-6250)	5000 (980-6200)
	Current	A	21.3 (5.8-27.7)	8.8 (2.1-10.7)	8.6 (2.1-10.7)
Heating	Capacity	Btu/h	55000 (14000-58000)	62000 (15000-65000)	62000 (15000-68000)
	Capacity	kW	16.12(4.20-17)	18.17 (4.40-19.05)	18.17 (4.40-19.93)
	Input	W	4500 (910-5800)	5700 (1020-6350)	5550 (1020-6700)
	Current	A	19.6 (6.6-25.3)	8.8 (2.1-10.8)	9.6 (2.1-10.7)
Indoor air flow (Hi/Mi/Lo)		m³/h	1900/1750/1600	2000/1850/1650	2000/1850/1650
Indoor sound pressure level (Hi)		dB(A)	53/50.5/45/39	53/50.5/45.5/40	54.5/52/49.5/42
Indoor sound power level (Hi)		dB(A)	66	66	65
Outdoor sound pressure level (Hi)		dB(A)	64	65	64
Outdoor sound power level (Hi)		dB(A)	73	75	73
Indoor unit	Dimension (WxDxH) (body)	mm	830x830x287	830x830x287	830x830x287
	Packing (WxDxH) (body)	mm	910x910x330	910x910x330	910x910x330
	Dimension (WxDxH) (panel)	mm	950x950x55	950x950x55	950x950x55
	Packing (WxDxH) (panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	29.3/33.5	29.3/33.5	29.3/33.5
	Net/Gross weight	kg	6/9	6/9	6/9
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7
Drainage water pipe dia.		mm	ODφ25mm	ODφ25mm	ODφ25mm
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
Controller		Standard	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16-30	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30
Qty'per 20' /40' /40'HQ		Indoor unit	84/182/208	84/182/208	84/182/208



MULTI SPLIT SYSTEM

Feature



High Efficiency and
Energy Saving



Optimal Comfort



Flexibility and
Convenience



Great Reliability



Environment
Protection

Appearance





Advantages of Multi system

Wide Selection Of Indoor Units

Provide a wide selection of indoor unit capacities and styles to suit a variety of room sizes and designs.



Space Saving And Low Noise

Connect to several indoor units to a single outdoor unit, save installation space and reduce outdoor noise.

Lower Energy Consumption

Compared with multiple outdoor units running at the same time, multisystem can be an option to improve heat exchange and energy efficiency, reduce power consumption.



Individual Control

Provide individual control for each indoor unit, brings desired comfort and saves energy, since you can heat or cool only those rooms you are using versus the entire house.





PRODUCT SPECIFICATION

Multi Split System

Indoor			MSEPBU-09HRFN8-QRD6GW*3	MSAGBU-09HRFN8-QRD1GW(GA)*3	MSAGAU-09HRFNX-QRD0GW*3	MSAGAU-09HRFN8-QRD1GW*3
Outdoor			M4OA-27HFN8-Q (HRU)	M4OA-27HFN8-Q (HRU)	M4OA-27HFN8-Q (HRU)	M4OA-27HFN8-Q (HRU)
Power supply		Ph-V-Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Cooling(Standard conditions)	Capacity	Btu/h	27000 (9800-28000)	27000 (8100-28000)	27000 (8400-28000)	27000 (8100-28000)
	Input	W	2261 (160-2800)	2260 (340-2800)	2450 (180-2900)	2450 (368-2900)
	Current	A	11 (1.8-12.5)	10.0 (2.9-12.4)	11 (1.8-13)	11 (3.2-13)
	EER	W/W	3.50	3.50	3.23	3.23
Heating(Standard conditions)	Capacity	Btu/h	28000 (6000-30000)	28000 (8400-30000)	28000 (7800-30000)	28000 (8400-30000)
	Input	W	2160 (260-3000)	2160 (325-3000)	2210 (350-3000)	2210 (332-3000)
	Current	A	10 (2.5-13.5)	9.7 (2.8-13.3)	10.5 (2.8-13.5)	9.9 (2.9-13.5)
	COP	W/W	3.80	3.80	3.71	3.71
Seasonal Cooling	Pdesignc	kW	7.9	7.9	7.9	7.9
	SEER	W/W	7.5	7.0	6.3	6.3
	Energy Efficiency Class		A++	A++	A++	A++
Heating(Average)	Pdesignh	kW	6.2	6.5	6.2	6.2
	SCOP	W/W	4.1	4.6	4.1	4.1
	Energy Efficiency Class		A+	A++	A+	A+
	Tbiv		-7	-7	-7	-7
Heating(Warmer)	Pdesignh	kW	6.4	7.6	6.4	6.5
	SCOP	W/W	5.1	5.1	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	℃	2	2	2	2
Tol			-15	-15	-15	-15
Rated Power Input		W	5300	5300	5300	5300
Rated Current		A	23.5	23.5	24	23.5
Outdoor air flow		m ³ /h	4000	4000	4000	4000
Outdoor sound pressure level		dB(A)	61	61	61	61
Outdoor sound power level		dB(A)	69	69	69	69
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	946x410x810	946x410x810	946x410x810
	Packing (W*D*H)	mm	1090x500x885	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	kg	64.3/68.6	64.3/68.6	64.3/68.6	64.3/68.6
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	kg	1.8	1.8	1.8	1.8
Design pressure		MPa	4.3/1.7	4.3//	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)
	Max. length for all rooms	m	80(20m for DHW)	80(20m for DHW)	80(20m for DHW)	80(20m for DHW)
	Max. length for one indoor unit	m	35	35	35	35
	Max. height difference between indoor and outdoor unit	m	15	15	15	15
	Max. height difference between indoor units	m	10	10	10	10
Room temperature	Outdoor(cooling/heating)		-15~50/-15~24	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24



PRODUCT SPECIFICATION

Multi Split System

Indoor			MSAFAU-09HRFN8-QRD1GW*3	MTJ-09HWFNX-QRD1W(GA)*3	MFA2U-09HRFNX-QRD0W(GA)*3	MCA4U-09HRFNX-QRD1W(GA)*3
Outdoor			M4OA-27HFN8-Q (HRU)	M4OA-27HFN8-Q (HRU)	M4OA-27HFN8-Q (HRU)	M4OA-27HFN8-Q (HRU)
Power supply		Ph-V-Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Cooling(Standard conditions)	Capacity	Btu/h	27000 (8100-28000)	27000 (8400-28000)	27000 (9800-30000)	27000 (9800-28400)
	Input	W	2450 (368-2900)	2450 (180-2900)	2250 (160-3050)	2450 (160-2850)
	Current	A	11 (3.2-13)	11.2 (1.8-1300)	9.98 (1.8-13.5)	10.9 (1.8-12.5)
	EER	W/W	3.23	3.23	3.52	3.23
Heating(Standard conditions)	Capacity	Btu/h	28000 (8400-30000)	28000 (7800-30000)	28000 (6000-31000)	28000 (6000-32500)
	Input	W	2210 (332-3000)	2050 (350-3000)	2212 (260-2700)	2212 (260-2850)
	Current	A	9.9 (2.9-13.5)	9.2 (2.8-13.5)	9.8 (2.5-12)	9.82 (2.5-12.5)
	COP	W/W	3.71	4.00	3.71	3.71
Seasonal Cooling	Pdesignc	kW	7.9	7.9	7.9	7.9
	SEER	W/W	6.3	6.3	8.5	6.3
	Energy Efficiency Class		A++	A++	A+++	A++
Heating(Average)	Pdesignh	kW	6.2	6.1	6.5	6
	SCOP	W/W	4.1	4.1	4.6	4.6
	Energy Efficiency Class		A+	A+	A++	A++
	Tbiv		-7	-7	-7	-7
Heating(Warmer)	Pdesignh	kW	7.2	6.3	7.5	7.9
	SCOP	W/W	5.1	5.1	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	℃	2	2	2	2
Tol			-15	-15	-15	-15
Rated Power Input		W	5300	5300	5300	5300
Rated Current		A	23.5	23.5	23.5	23.5
Outdoor air flow		m³/h	4000	4000	4000	4000
Outdoor sound pressure level		dB(A)	61	61	61	61
Outdoor sound power level		dB(A)	69	69	67	67
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	946x410x810	946x410x810	946x410x810
	Packing (W*D*H)	mm	1090x500x885	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	kg	64.3/68.6	64.3/68.6	64.3/68.6	64.3/68.6
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	kg	1.8	1.8	1.8	1.8
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3//
Refrigerant piping	Liquid side/ Gas side	mm(inch)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)
	Max. length for all rooms	m	80(20m for DHW)	80(20m for DHW)	80(20m for DHW)	80(20m for DHW)
	Max. length for one indoor unit	m	35	35	/	35
	Max. height difference between indoor and outdoor unit	m	/	15	15	15
	Max. height difference between indoor units	m	10	10	10	10
Room temperature	Outdoor(cooling/heating)		-15~50/-15~24	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24

PRODUCT SPECIFICATION

Multi Split System

Tank				PLSX-190 (30)/ DN8-A	
Outdoor Model				M4 OA-27HFN8-Q (HRU)	
Power supply			Ph-V-Hz	1ph/220-240V/50Hz	
Nominal volume of the tank			L	190	
Water-heating Capacity(A15/12 ,W15-45)			kW	4.0	
COP(A15/12 ,W15-45)			kW/kW	3.90	
Water heating (EN16147:2017)	Setting Temperature for the performance mesaurement		T _{set}	℃	52
	Reference hot water temperature		θ _{wh}		52.6
	Coefficient of Performance		COP _{dhw}	-	2.62
	Water heating energy efficient		η _{lwh}	%	128
	Maximum volume of mixed water at 40		V _{max}	L	240
	Declared load profile		-		L
	energy class		-		A+
	Heat-up time		Time	hh:mm	02:30
	Energy input during Heat-up time		Weh	kWh	2.9
	Standby power input		Pes	W	50
Outdoor sound Power Level			dB(A)	64	
Rated pressure of the water tank			Mpa	1	
Dimensions	Dimension(H*W*D)			mm	1660*504*574
	Packing (H*W*D)			mm	1860*690*690
	Net/Gross weight			Kg	70/92
Electrical data	Power cable of the electrical herter			Quantity	2+Earth
	Section of the power cable of the electrical heater			mm ²	1.5
	Electrical heater	Power	kW	2.0	
		Current	A	9.1	
Piping diameter (Liq / Gas)			mm	6.35 / 9.52	
Working range Outdoor Air Temperature (DHW)			℃	-15~+43	
Water setting temperature (with E-Heater)			℃	38~55 (70)	
Tank Corrossion Protection			-	Magnesium Anode Active Anode (optional)	
Tank Material			-	Enamelled steel	
Refrigerant piping	Liquid side/ Gas side		mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	
	Max. length for one indoor unit		m	20	
	Max. height difference between indoor and outdoor unit		m	15	
	Max. height difference between indoor units		m	10	



PRODUCT SPECIFICATION

Multi Split System

outdoor code			220 223 160 0 150 5	220 223 160 0 152 5	220 223 160 0 20 4 5
Outdoor			M2OH-14HFN8-Q	M2OE-18HFN8-Q	M3OA-18HFN8-Q
Power supply		V,Ph,Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	14000	18000	18000
Heating	Capacity	Btu/h	14000	18000	18000
Seasonal Cooling	Pdesignc	kW	4.1	5.3	5.3
	Energy Efficiency Class		A++	A++	A++
Heating(Average)	Pdesignh	kW	3.8	4.3	4.5
	Energy Efficiency Class	℃	A+-A	A+-A	A+-A
	Tbiv		-7	-7	-7
Heating(Warmer)	Pdesignh	kW	4.1	5.0	5.0
	Energy Efficiency Class	℃	A+++~A++	A+++~A++	A+++~A++
	Tbiv	℃	2	2	2
Tol			-15	-15	-15
Max. input consumption		W	2750	3050	2760
Max. input current		A	12	13	12
Outdoor air flow		m³/h	2100	2100	2100
Indoor sound power level		dB(A)	56	54	54
Outdoor sound pressure level		dB(A)	56	55	57
Outdoor sound power level		dB(A)	64	65	65
Outdoor unit	Dimension(WxDxH)	mm	805*330*554	805*330*554	805x330x554
	Packing(WxDxH)	mm	915*370*615	915*370*615	950x370x615
	Net/Gross weight	kg	31.6/34.7	35/38	36.2/39.4
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	1.1	1.25	1.5
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	2x6.35mm(2x1/4in)/ 2x9.52mm(2x3/8in)	2x6.35mm(2x1/4in)/ 2x9.52mm(2x3/8in)	3x6.35mm(3x1/4in)/ 3x9.52mm(3x3/8in)
	Max. length for all rooms	m	40	40	60
	Max. length for one indoor unit	m	25	25	30
	Max. height difference between indoor and outdoor unit	m	15	15	15
	Max. height difference between indoor units	m	10	10	10
Ambient temperature	Cooling		-15-50	-15-50	-15-50
	Heating		-15-24	-15-24	-15-24



PRODUCT SPECIFICATION

Multi Split System

outdoor code			220 223 160 0 1487	220 223 160 0 1905	220 223 160 0 2645
Outdoor			M3OG-21HFN8-Q	M3OB-27HFN8-Q	M4OA-24HFN8-Q
Power supply		V,Ph,Hz	220-240V- 50Hz, 1Ph	220-240V,50Hz,1Ph	220-240V,50Hz,1Ph
Cooling	Capacity	Btu/h	21000	27000	24000
Heating	Capacity	Btu/h	21000	27000	24000
Seasonal Cooling	Pdesignc	kW	6.1	7.9	7.1
	Energy Efficiency Class		A++	A++	A++
Heating(Average)	Pdesignh	kW	5.1	5.3	5.8
	Energy Efficiency Class		A+-A	A+-A	A+-A
	Tbiv	℃	-7	-7	-7
Heating(Warmer)	Pdesignh	kW	5.7	6.0	6.8
	Energy Efficiency Class		A+++~A++	A+++~A++	A+++
	Tbiv	℃	2	2	2
Tol		℃	-15	-15	-15
Max. input consumption		W	3910	4100	4100
Max. input current		A	17	18	18
Outdoor air flow		m³/h	3000	3000	



PRODUCT SPECIFICATION

Multi Split System

outdoor code			220 22316001487	220 22316001905	220 22316002645
Outdoor			M3OG-21HFN8-Q	M3OB-27HFN8-Q	M4OA-24HFN8-Q
Indoor sound power level			54	54	
Outdoor sound pressure level			58	60	
Outdoor sound power level			67	69.0	
Outdoor unit	Dimension(WxDxH)	mm	890*342*673	890*342*673	890*342*673
	Packing(WxDxH)	mm	1030*438*750	1030*438*750	1030*438*750
	Net/Gross weight	kg	43.3/47.1	48/51.8	48.2/52.4
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	1.5	1.80	2.0
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	3x6.35mm(3x1/4in)/ 3x9.52mm(3x3/8in)	3x6.35mm(3x1/4in)/ 3x9.52mm(3x3/8in)	4x6.35mm(3x1/4in)/ 4x9.52mm(3x3/8in)
	Max. length for all rooms	m	60	60	80
	Max. length for one indoor unit	m	30	30	35
	Max. height difference between indoor and outdoor unit	m	15	15	15
	Max. height difference between indoor units	m	10	10	10
Ambient temperature	Cooling	℃	-15-50	-15-50	-15-50
	Heating	℃	-15-24	-15-24	-15-24



PRODUCT SPECIFICATION

Multi Split System

outdoor code			220 223160 0 10 66	220 223160 0 0 845	220 223160 0 1325
Outdoor			M4OE-28HFN8-Q	M4OB-36HFN8-Q	M5OE-42HFN8-Q
Power supply		V,Ph,Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	28000	35000	42000
Heating	Capacity	Btu/h	28000	36000	42000
Seasonal Cooling	Pdesignc	kW	8.2	10.3	12.3
	Energy Efficiency Class		A++	A++	A++
Heating(Average)	Pdesignh	kW	6.0	8.4	9.3
	Energy Efficiency Class	℃	A+-A	A+-A	A
	Tbiv		-7	-7	-7
Heating(Warmer)	Pdesignh	kW	7.0	9.7	10
	Energy Efficiency Class	℃	A+++~A++	A+++~A++	A+++~A+
	Tbiv	℃	2	2	2
Tol			-15	-15	-15
Max. input consumption		W	4150	4600	4700
Max. input current		A	19	21.5	22
Outdoor air flow		m³/h	3800	4000	3850
Indoor sound power level		dB(A)	54	57	56
Outdoor sound pressure level		dB(A)	63	62	63.0
Outdoor sound power level		dB(A)	69.0	70	71.0
Outdoor unit	Dimension(WxDxH)	mm	946x410x810	946x410x810	946x410x810
	Packing(WxDxH)	mm	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	kg	62.1/67.7	68.8/75.6	74.1/79.5
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	2.1	2.1	2.9
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	5x6.35mm(5x1/4in)/4x9.52mm+1x12.7mm(4x3/8in+1x1/2in)
	Max. length for all rooms	m	80	80	80
	Max. length for one indoor unit	m	35	35	35
	Max. height difference between indoor and outdoor unit	m	15	15	15
	Max. height difference between indoor units	m	10	10	10
Ambient temperature	Cooling	℃	-15-50	-15-50	-15-50
	Heating	℃	-15-24	-15-24	-15-24



PRODUCT SPECIFICATION

Multi Split System

outdoor code			220 223 160 0 240 5	220 223 160 0 242 5
Outdoor			M2OF-18HFN8-Q	M3OC-27HFN8-Q
Power supply		V,Ph,Hz	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	18000	27000
Heating	Capacity	Btu/h	18000	28000
Seasonal Cooling	Pdesignnc	kW	5.3	7.9
	Energy Efficiency Class		A+++~A++	A+++~A++
Heating(Average)	Pdesignnh	kW	4.3	6.0
	SCOP	W/W	4.6	4.6
	Energy Efficiency Class	°C	A++	A++
	Tbiv		-7	-7
Heating(Warmer)	Pdesignnh	kW	5.0	6.2
	SCOP	W/W	5.1	5.1
	Energy Efficiency Class	°C	A+++	A+++
	Tbiv	°C	2	2
Tol			-15	-15
Max. input consumption		W	3050	4100
Max. input current		A	13.0	18
Outdoor air flow		m³/h	3000	4000
Indoor sound power level		dB(A)	54	53
Outdoor sound pressure level		dB(A)	59	62
Outdoor sound power level		dB(A)	65	66
Outdoor unit	Dimension(WxDxH)	mm	890*342*673	946x410x810
	Packing(WxDxH)	mm	1030*438*750	1090x500x885
	Net/Gross weight	kg	45.0/48.5	61.0/66.0
Refrigerant	Type		R32	R32
	GWP		675	675
	Charged quantity	Kg	1.5	2.1
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	2x6.35mm(2x1/4in)/ 2x9.52mm(2x3/8in)	3x6.35mm(3x1/4in)/2x9.52mm+ 1x12.7mm(2x3/8in+1x1/2in)
	Max. length for all rooms	m	40	60
	Max. length for one indoor unit	m	25	30
	Max. height difference between indoor and outdoor unit	m	15	15
	Max. height difference between indoor units	m	10	10
Ambient temperature	Cooling	°C	-15-50	-15-50
	Heating	°C	-15-24	-15-24