

Unit Performance	MCA21-07HRFN1-QRC8	MCA21-09HRFN1-QRC8	MCA2U-12HRFN1-QRC8	MCA21-18HRDN1-QRC8
Power supply (V ~, Hz, Ph)	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity (Btu/h/kW)	7000/2.05	9000/2.64	12000/3.52	18000/5.27
Rated Heating capacity (Btu/h/kW)	8000/2.34	11000/3.2	12000/3.52	18000/5.27
Air Flow Volume (m³/h) (Indoor)	580	580	720	800
Sound Power Noise Level (dB(A)) (Indoor(H))	53	53	54	54
Net Dimension (mm) (Body (W×H×D))	570x260x570	570x260x570	570x260x570	570x260x570
Panel (W×H×D)	647x50x647	647x50x647	647x50x647	647x50x647
Packing Dimension (mm) (Body (W×H×D))	655x290x655	655x290x655	655x290x655	655x290x655
Panel (W×H×D)	715x123x715	715x123x715	715x123x715	715x123x715
Net/Gross Weight (kg) (Body/Panel)	15/18 / 2.5/4.5	17/20 / 2.5/4.5	17/20 / 2.5/4.5	18/20.5 / 2.5/4.5
Piping Size (Liquid/Gas) (mm)(inch)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø12.7(1/2)
Applicable Area (m²)	11-17	16-24	20-30	28-40

### Duct

#### Combination Performance

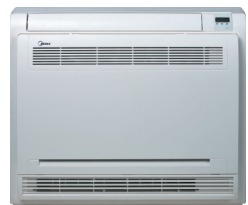


Combination	MTBI-07HWFN1-QRC8				MTBI-09HWFN1-QRC8		
	7+7	7+7+7	7+7+7+7	7+7+7+7+7	9+9	9+9+9	9+9+9+9
Pdesignc (Btu/h/kW)	14000/4.1	22000/6.4	30000/8.8	37000/10.8	18800/5.5	28800/8.4	36500/10.7
Pdesignh (Btu/h/kW)	15600/4.5	21400/6.2	28000/8.2	37000/10.8	21000/6.2	29500/8.6	36000/10.6
SEER(Average) (W/W)	5.3	5.9	5.8	6	5.8	5.8	5.3
Energy Rate (Cooling)	A	A+	A+	A+	A+	A+	A
SCOP(Average) (W/W)	4.1	4	3.8	3.8	3.9	3.9	3.8
Energy Rate (Heating)	A+	A+	A	A	A	A	A
Tbiv°C / Tol°C	-7 / -15	-7 / -15	-7 / -15	-7 / -15	-7 / -15	-7 / -15	-7 / -15

Unit Performance	MTBI-07HWFN1-QRC8	MTBI-09HWFN1-QRC8	MTBU-12HWFN1-QRC8	MTBI-18HWDN1-QRC8
Power supply (V ~, Hz, Ph)	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Pdesignc (Btu/h/kW)	7000/2.05	9000/2.64	12000/3.52	18000/5.3
Pdesignh (Btu/h/kW)	8000/2.34	10000/2.93	13000/3.81	20000/5.8
Air Flow Volume (m³/h) (Indoor)	600	600	680	1000
Sound Power Noise Level (dB(A)) (Indoor(H))	55	55	55	56
Static Pressure (Pa)	40	40	40	70
Net Dimension (mm) (Indoor (W×H×D))	700x210x635	700x210x635	700x210x635	920x210x635
Packing Dimension (mm) (Indoor (W×H×D))	915x290x655	915x290x655	915x290x655	1135x290x655
Net/Gross Weight (kg) (Indoor)	19.5/24.5	19.5/24.5	19.5/24.5	23/29
Piping Size (Liquid/Gas) (mm)(inch)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø12.7(1/2)
Applicable Area (m²)	11-17	16-24	20-30	28-40

### Console

#### Combination Performance



Combination	MFAI-07HRFN1-QRC8				MFAI-09HRDN1-QRC8		
	7+7	7+7+7	7+7+7+7	7+7+7+7+7	9+9	9+9+9	9+9+9+9
Pdesignc (Btu/h/kW)	14500/4.2	22000/6.4	29700/8.7	36000/10.6	18000/5.3	27000/7.9	36000/10.5
Pdesignh (Btu/h/kW)	15000/4.4	21000/6.1	30000/8.8	37800/11	19500/5.7	28600/8.2	36000/10.4
SEER(Average) (W/W)	6.2	6.3	6.7	5.8	6	6.9	5.5
Energy Rate (Cooling)	A++	A++	A++	A+	A+	A++	A
SCOP(Average) (W/W)	3.8	3.9	4.1	3.8	3.8	4	3.8
Energy Rate (Heating)	A	A	A+	A	A	A+	A
Tbiv°C / Tol°C	-7 / -15	-7 / -15	-7 / -15	-7 / -15	-7 / -15	-7 / -15	-7 / -15

Unit Performance	MFAI-07HRFN1-QRC8	MFAI-09HRFN1-QRC8	MFAU-12HRFN1-QRC8	MFAI-18HRDN1-QRC8
Power supply (V ~, Hz, Ph)	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Pdesignc/Pdesignh (Btu/h/kW)	7000/2.05/8000/2.34	9000/2.64/10000/2.93	12000/3.52/13000/3.81	18000/5.27/18000/5.27
Air Flow Volume (m³/h) (Indoor)	550	550	550	740
Sound Power Noise Level (dB(A)) (Indoor(H))	56	57	57	59
Net Dimension (mm) (Indoor (W×H×D))	700x210x600	700x210x600	700x210x600	700x210x600
Packing Dimension (mm) (Indoor (W×H×D))	810x305x710	810x305x710	810x305x710	810x305x710
Net/Gross Weight (kg) (Indoor)	13/19	13/19	15/20	15/20
Piping Size (Liquid/Gas) (mm)(inch)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø9.52(3/8)	Ø6.35(1/4)/Ø12.7(1/2)
Applicable Area (m²)	11-17	16-24	20-30	28-40

## PD Portable



#### Standard Features

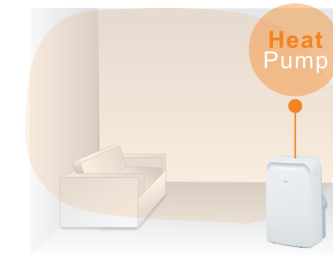


#### Optional Features



### Heat Pump Function

Heating pump system is an excellent alternative for the traditional electrical heating system, as the former can provide more heating capacity and is more efficient. Moreover, thanks to the air circulating fast throughout the room, this heating system guarantees comfort much more quickly.



### 0.5W Standby

Midea new air conditioners save you money even when it is off. Intelligent on-off technology enables Midea products automatically enter energy saving mode when on standby mode, cut energy consumption from conventional 2W to 0.5W which counts 75% of saving.



### Specification

Model No.	MPPD-09CRN1-QB6	MPPD-09ERN1-QB6	MPPD-09CRN1-QC1	MPPD-09HRN1-QC1	MPPD-12CRN1-QB6	MPPD-12ERN1-QB6	MPPD-12HRN1-QB6
<b>Capacity</b>							
Cooling Capacity	Btu/h 9000	Btu/h 9000	Btu/h 9000	Btu/h 9000	Btu/h 12000	Btu/h 12000	Btu/h 12000
	kW 2.63	kW 2.63	kW 2.63	kW 2.63	kW 3.52	kW 3.52	kW 3.52
Heating Capacity	Btu/h -	Btu/h 5971	Btu/h -	Btu/h 8000	Btu/h -	Btu/h 5971	Btu/h 10000
	kW -	kW 1.75	kW -	kW 2.34	kW -	kW 1.75	kW 2.93
<b>Electrical parts</b>							
Power Supply	V ~, Hz, Ph 220-240, 50, 1	V ~, Hz, Ph 220-240, 50, 1	V ~, Hz, Ph 220-240, 50, 1	V ~, Hz, Ph 220-240, 50, 1	V ~, Hz, Ph 220-240, 50, 1	V ~, Hz, Ph 220-240, 50, 1	V ~, Hz, Ph 220-240, 50, 1
Power Input (kW)	Cooling 1010	Cooling 1010	Cooling 850	Cooling 850	Cooling 1350	Cooling 1350	Cooling 1350
	Heating -	Heating 1750	Heating -	Heating 756	Heating -	Heating 1750	Heating 1130
Operating Current (A)	Cooling 4.4	Cooling 4.4	Cooling 3.8	Cooling 3.8	Cooling 5.87	Cooling 5.87	Cooling 5.87
	Heating -	Heating 7.61	Heating -	Heating 3.4	Heating -	Heating 7.61	Heating 4.91
<b>Performance</b>							
EER (W/W)	2.6	2.6	3.1	3.1	2.6	2.6	2.6
Energy Rate	A	A	A+	A+	A	A	A
Moisture Removal	l/h 1.0	l/h 1.0	l/h 1.0	l/h 1.0	l/h 1.2	l/h 1.2	l/h 1.2
Air Flow Volume (m³/h)	330	330	370	370	370	370	370
Sound Power Noise Level dB(A) (Hi Speed)	65	65	65	65	65	65	65
<b>Dimension &amp; Weight &amp; Piping Size</b>							
Net Dimension (mm) (W×H×D)	454x365x700	454x365x700	467x397x765	467x397x765	467x397x765	467x397x765	467x397x765
Packing Dimension (mm) (W×H×D)	505x410x875	505x410x875	517x437x862	517x437x862	517x437x880	517x437x880	517x437x880
Net/Gross Weight(kg)	27/31	28/32	32.5/36.5	33/37	33.5/37.5	34.5/38.5	34/38
<b>Applicable Area &amp; Stuffing Quantity</b>							
Applicable Area (m²)	13-22	13-22	18-29	18-29	18-29	18-29	18-29
Stuffing Quantity (Set)	20/40/HQ	132/403	114/354	114/354	114/354	114/354	114/354