



Cassette type air conditioner

MWC / MCC series
50Hz
R410A



Cassette type

Its 4-way air supply design makes the environment more comfortable. With the features of compact structure, slim body, good-looking appearance, easy installation and overall control functions, this unit is widely used in hotel, hall, meeting room, restaurant, shop, office and so on

Quality

All major components are individual inspected and tested, and every unit undergoes a run test, prior to shipment from factory.



12kBtu/h-18kBtu/h
(Heat Pump)



24kBtu/h-48kBtu/h
(Heat Pump)



42kBtu/h-48kBtu/h
(Cooling Only)

Standard features:

- Easy Installation.
- Compact design and light weight.
- Quiet design, low noise.
- Long life and washable filter.
- Wireless remote control fitted as standard
- 4-way air outlet.
- Optimized components for R410A refrigerant



wired (standard)



wireless (optional)

Optional features:

- Wireless remote control
- Weekly timer
- Long distance monitoring
- Testing software



Specifications :

R410a 50Hz Cassette Type (Heat Pump)

Model	Indoor Model		4MWC0512AB	4MWC0518AB	4MWC0524AB	4MWC0530AB
	Outdoor Model		4TWK0512AB	4TWK0518AB	4TWK0524AB	4TWK0530AB
Electrical Data	Power Supply	V/Ph/Hz	220-240/1/50			
Performance Data	Nominal Capacity	Cooling(W)	3500	5000	6800	8300
		Heating(W)	3600	5400	7500	8800
	Power Input	Cooling(W)	1170	2000	2620	2900
		Heating(W)	1100	1900	2500	3150
	EER/COP	Cooling(W/W)	2.99	2.5	2.6	2.86
		Heating(W/W)	3.27	2.84	3	2.79
	Current Input	Cooling(A)	5.35	9	11.8	13.12
		Heating(A)	4.94	8.7	10.7	13.12
	Air Flow	CMH (H/M/L)	550/490/420	550/490/420	1180/1080/1000	1400/1270/1170
	Dehumidifying Volume	l/h	1.1	1.9	2.4	2.6
Indoor Units						
Fan Motor	Speed	RPM (H/M/L)	820/720/620	820/720/620	600/550/500	670/620/570
Fan	Type-Number		Centrifugal Fan-1	Centrifugal Fan-1	Centrifugal Fan-1	Centrifugal Fan-1
	Output of Fan Motor	W	11	11	50	50
Sound Data	Sound Pressure Level	dB(A) (H/M/L)	47/45/43	47/45/43	47/45/43	51/49/48
Dimensions	Unit	mm (W x D x H)	600 x 600 x 230	600 x 600 x 230	840 x 840 x 240	840 x 840 x 240
	Packing	mm (W x D x H)	851 x 681 x 325	851 x 681 x 325	963 x 963 x 325	963 x 963 x 325
Weight	Net Weight/Gross Weight	kg	20/27	20/27	27/36	26/36
Panel						
Dimensions	Unit	mm (W x D x H)	650 x 650 x 50	650 x 650 x 50	950 x 950 x 60	950 x 950 x 60
	Packing	mm (W x D x H)	733 x 673 x 117	733 x 673 x 117	1028 x 1043 x 130	1028 x 1043 x 130
Weight	Net Weight/Gross Weight	kg	2.5/3.5	2.5/3.5	6.5/10	6.5/10
Outdoor Units						
Expansion Device			Capillary	Capillary	Capillary	Capillary
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Compressor Power Input	W	1185	1900	2475	2880
Fan Motor	Speed	RPM	900	900	940	780
Fan	Type-Number		Axial-1	Axial-1	Axial-1	Axial-1
	Output of Fan Motor	W	48	48	92	125
	Air Flow	CMH	740	680	870	870
Sound Data	Sound Pressure Level	dB(A)	56	56	59	59
Dimensions	Unit	mm (W x D x H)	820 x 320 x 540	820 x 320 x 540	1018 x 412 x 695	980 x 427 x 790
	Packing	mm (W x D x H)	873 x 363 x 605	873 x 363 x 605	1103 x 453 x 770	1083 x 488 x 855
Weight	Net Weight/Gross Weight	kg	32 / 37	40 / 45	59 / 64	70 / 75
Refrigerant Pipe size	Gas	inch (Dia.)	1/2	1/2	5/8	5/8
	Liquid	inch (Dia.)	1/4	1/4	3/8	3/8
	Max. Refrigerant Pipe Length	m	20	20	30	30
	Max. Level Difference	m	15	15	15	15
	Std. Refrigerant Charged (5m)	kg	1.0	1.5	2.2	3

R410a 50Hz Cassette Type (Heat Pump)

Model	Indoor Model		4MWC0536AB	4MWC0536AB	4MWC0542AB	4MWC0548AB
	Outdoor Model		4TWK0536AB	4TWK0536AD	4TWK0542AD	4TWK0548AD
Electrical Data	Power Supply	V/Ph/Hz	220-240/1/50		380-415/3/50	
Performance Data	Nominal Capacity	Cooling(W)	10000	10000	12000	13200
		Heating(W)	11000	11000	14000	14500
	Power Input	Cooling(W)	3600	3600	4800	4800
		Heating(W)	3300	3100	5000	5200
	EER/COP	Cooling(W/W)	2.78	2.78	2.5	2.75
		Heating(W/W)	3.33	3.55	2.8	2.79
	Current Input	Cooling(A)	19.8	6.6	8.7	9.1
		Heating(A)	18.1	6	9.2	9.5
	Air Flow	CMH (H/M/L)	1660/1570/1500	1660/1570/1500	1660/1570/1500	1660/1570/1500
	Dehumidifying Volume	l/h	2.9	2.9	4.3	4.4
Indoor Units						
Fan Motor	Speed	RPM (H/M/L)	710/660/610	710/660/610	710/660/610	710/660/610
Fan	Type-Number		Centrifugal Fan-1	Centrifugal Fan-1	Centrifugal Fan-1	Centrifugal Fan-1
	Output of Fan Motor	W	80	80	80	80
Sound Data	Sound Pressure Level	dB(A) (H/M/L)	53/51/48	53/51/48	53/51/48	53/51/58
Dimensions	Unit	mm (W x D x H)	840 x 840 x 320	840 x 840 x 320	840 x 840 x 320	840 x 840 x 320
	Packing	mm (W x D x H)	963 x 963 x 409	963 x 963 x 409	963 x 963 x 409	963 x 963 x 409
Weight	Net Weight/Gross Weight	kg	32/43	32/43	32/43	32/43
Panel						
Dimensions	Unit	mm (W x D x H)	950 x 950 x 60	950 x 950 x 60	950 x 950 x 60	950 x 950 x 60
	Packing	mm (W x D x H)	1028 x 1043 x 130	1028 x 1043 x 130	1028 x 1043 x 130	1028 x 1043 x 130
Weight	Net Weight/Gross Weight	kg	6.5/10	6.5/10	6.5/10	6.5/10
Outdoor Units						
Expansion Device			Capillary	Capillary	Capillary	Capillary
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Compressor Power Input	W	3900	3650	4750	4880
Fan Motor	Speed	RPM	920	920	840	940
Fan	Type-Number		Axial-1	Axial-1	Axial-2	Axial-2
	Output of Fan Motor	W	92	92	143	92
	Air Flow	CMH	1610	1610	2245	2300
Sound Data	Sound Pressure Level	dB(A)	60	60	60	63
Dimensions	Unit	mm (W x D x H)	1018 x 412 x 840	1018 x 412 x 840	1032 x 412 x 1250	1032 x 412 x 1250
	Packing	mm (W x D x H)	1103 x 453 x 1000	1103 x 453 x 1000	1113 x 453 x 1400	1113 x 453 x 1400
Weight	Net Weight/Gross Weight	kg	90/100	90/100	112/123	112/123
Refrigerant Pipe size	Gas	inch (Dia.)	3/4	3/4	3/4	3/4
	Liquid	inch (Dia.)	1/2	1/2	1/2	1/2
	Max. Refrigerant Pipe Length	m	50	50	50	50
	Max. Level Difference	m	30	30	30	30
	Std. Refrigerant Charged (5m)	kg	3.2	3.2	3.55	3.8

Specifications :

R410a 50Hz Cassette Type (Cooling Only)

Model	Indoor Model		4MCC0542AB	4MCC0548AB
	Outdoor Model		4TTK0542ADHK	4TTK0548ADHK
Electrical Data	Power Supply	V/Ph/Hz	380~415/3/50	
Performance Data	Nominal Capacity	W	12000	13300
	Power Input	W	4400	4800
	EER/COP	W/W	2.73	2.77
	Current Input	A	8.3	9
	Air Flow	CMH (H/M/L)	1660/1570/1500	1660/1570/1500
	Dehumidifying Volume	l/h	4.3	4.4
Indoor Units				
Fan Motor	Speed	RPM (H/M/L)	710/660/610	710/660/610
Fan	Type-Number		Centrifugal Fan-1	Centrifugal Fan-1
	Output of Fan Motor	W	60	60
Sound Data	Sound Pressure Level	dB(A) (H/M/L)	53/51/48	53/51/58
Dimensions	Unit	mm (W x D x H)	840 x 840 x 320	840 x 840 x 320
	Packing	mm (W x D x H)	963 x 963 x 409	963 x 963 x 409
Weight	Net Weight/Gross Weight	kg	32/39	32/39
Panel				
Dimensions	Unit	mm (W x D x H)	950 x 950 x 60	950 x 950 x 60
	Packing	mm (W x D x H)	1028 x 1043 x 130	1028 x 1043 x 130
Weight	Net Weight/Gross Weight	kg	6.5/10	6.5/10
Outdoor Units				
Expansion Device	Type		Capillary	Capillary
Compressor	Compressor Power Input	W	4600	4700
Fan Motor	Speed	RPM	780	780
Fan	Type-Number		Axial-1	Axial-1
	Output of Fan Motor	W	150	150
	Air Flow	CMH	1900	1900
Sound Data	Sound Pressure Level	dB(A)	58	58
Dimensions	Unit	mm (W x D x H)	1107 x 440 x 1100	1107 x 440 x 1100
	Packing	mm (W x D x H)	1158 x 483 x 1235	1158 x 483 x 1235
Weight	Net Weight/Gross Weight	kg	99/109	100/110
Refrigerant Pipe size	Gas	inch (Dia.)	3/4	3/4
	Liquid	inch (Dia.)	1/2	1/2
	Max. Refrigerant Pipe Length	m	50	50
	Max. Level Difference	m	30	30
	Std. Refrigerant Charged (5m)	kg	3.7	4.1



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