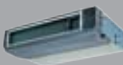
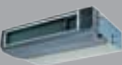
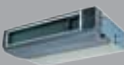
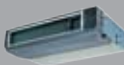
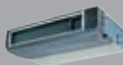
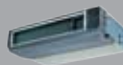




ROYAL TEMP أجهزة تكييف الهواء

الوحيدون في استخدام غاز التبريد R134a

Tropical Commercial A/C

Series	1.5Ton	2.0Ton	2.5Ton	3.0Ton	3.5Ton	4.0Ton	5.0Ton
Concealed Duct							
High Static Pressure Duct							
Four-way Cassette							
Ceiling & Floor							
Top Discharge Outdoor Unit							
Side Discharge Outdoor Unit							



Tropical Compressor

The tropical compressor is specially designed for high temperature ambient, and always generates strong cooling capacity even in the condition of very high temperature up to 56°C.



Long Pipe Designed

Long pipe running, enough vertical fall, free designing style. Pipe length between indoor unit and outdoor unit reaches to 50m (above 30000Btu/h system), the vertical fall between indoor unit and outdoor unit is 20m (above 30000Btu/h system), the two advantages make the installation position of outdoor unit be flexible.



Multi Indoor Units

Many kinds of indoor units are available, give you much more ideas about the situation, cooling and heating, satisfy all your needs.



Be Reliable, Excellent Performance

Many kinds of protection will be operated safety. High temperature protection, high/low pressure protection, electric current protection give you reliable guarantee.

Be Reliable, Excellent Performance

All the material under ROHS standard.

TOP DISCHARGE UNIVERSAL OUTDOOR UNIT



1.5/2.0Ton



3.0/4.0/5.0Ton

Features

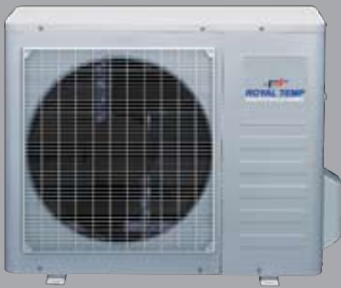
- G90 galvanized heavy gauge plate conforming to ASTM A 653.
- TEAO (Totally enclosed air over) motor.
- Copper tube/aluminium fin.
- All coils are tested at 350psig.
- Coil guard protection.
- High efficiency rotary or scroll compressor.
- High pressure switch and low pressure switch protection.
- Top discharge air delivery.
- Service valves with gauge port.
- Low ambient kit optional (Outdoor ambient can be -7°C).
- IP 55 or NEMA 4 fan motor optional.

Specification

50Hz

Model									
		DA-024-4 RCD-2.5		DA-036-4 RCD-3.0		DA-036-5 RCD-3.5		DA-048-3 RCD-4.0	
		DA-048-4 RCD-5.0		DA-060-3 RCD-5.0					
Capacity	Cooling	kW	5.3	7.1	10.5	10.5	14.0	16	
		BTU/H	18089	24232	53836	53836	47781	54607	
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	380-3-50	380-3-50	380-3-50	
		Ampere	9.5	10	20.3	5.8	8.7	9.1	
Cooling	Rated power	kW	1.994	2.4	4.2	3.32	5.0	5.2	
		Ampere	---	---	---	---	---	---	
Heating	Rated power	kW	---	---	---	---	---	---	
		Ampere	---	---	---	---	---	---	
Performance	Air flow volume	m ³ /h	4500	4500	6400	6400	6400	6400	
		Noise level	58	60	60	59	60	62	
Refrigerant	Type		R134a	R134a	R134a	R134a	R134a	R134a	
		Charged volume	g	1350	1500	2700	2550	2700	2900
Net dimension	Body (W×H×D)	mm	554×636×554	554×636×554	740×852×740	740×852×740	740×852×740	740×852×740	
		mm	580×700×580	580×700×580	770×890×770	770×890×770	770×890×770	770×890×770	
Packing dimension	Body (W×H×D)	mm	580×700×580	580×700×580	770×890×770	770×890×770	770×890×770	770×890×770	
		kg	50	54	90	90	90	94	
Net weight		kg	53	57	95	95	95	99	
		Pieces	120/240/240	120/240/240	42/90/135	42/90/135	42/90/135	42/90/135	
Qty/Per 20'/40'/40'HQ	Outdoor unit	mm	Φ6.4	Φ9.5	Φ12.7	Φ12.7	Φ12.7	Φ12.7	
		mm	Φ12.7	Φ15.9	Φ19.1	Φ19.1	Φ19.1	Φ19.1	
Pipe diameter	Max. pipe length	m	20	20	50	50	50	50	
		m	10	10	20	20	20	20	

SIDE DISCHARGE UNIVERSAL OUTDOOR UNIT



1.5/2.0Ton



2.5/3.0Ton



3.5/4.0/5.0Ton

Features

- G90 galvanized heavy gauge plate conforming to ASTM A 653.
- TEAO (Totally enclosed air over) motor.
- Copper tube/aluminium fin.
- All coils are tested at 350psig.
- Coil guard protection.
- High efficiency rotary or scroll compressor.
- High pressure switch and low pressure switch protection.
- Service valves with gauge port.
- Low ambient kit optional (Outdoor ambient can be -7°C).
- IP 55 or NEMA 4 fan motor optional.

Specification

50Hz

Model			DA-024-4 RCD-2.5	DA-036-4 RCD-3.0	DA-036-5 RCD-3.5
Capacity	Cooling	kW	7.1	9.0	10.5
		BTU/H	24232	30717	35836
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50
Cooling	Rated current	Ampere	11.9	21.0	21.0
	Rated power	kW	2.617	4.2	4.2
Heating	Rated current	Ampere	—	—	—
	Rated power	kW	—	—	—
Performance	Air flow volume	m³/h	3600	6100	6100
	Noise level	dB(A)	60	61	61
Refrigerant	Type		R134a	R134a	R134a
	Charged volume	g	1800	2600	2750
Net dimension	Body (W×H×D)	mm	842×695×324	990×966×354	990×966×354
Packing dimension	Body (W×H×D)	mm	965×772×399	1120×1100×435	1120×1100×435
Net weight		kg	60	99	88.5
Gross weight		kg	65	105	93.5
Qty/Per 20'/40'/40'HQ	Outdoor unit	Pieces	92/194/206	50/106/106	50/106/106
Pipe diameter	Liquid side	mm	Φ9.5	Φ12.7	Φ12.7
	Gas side	mm	Φ15.9	Φ19.1	Φ19.1
	Max. pipe length	m	20	50	50
	Max. difference	m	10	20	20

Model			DA-036-5 RCD-3.5	DA-048-3 RCD-4.0	DA-048-4 RCD-5.0	DA-060-3 RCD-5.0
Capacity	Cooling	kW	10.5	12.0	14.0	16.0
		BTU/H	35836	40956	47781	54607
Power supply		V-ph-Hz	380-3-50	380-3-50	380-3-50	380-3-50
Cooling	Rated current	Ampere	6.5	8.7	8.7	10.0
	Rated power	kW	3.8	5.0	5.0	5.78
Heating	Rated current	Ampere	—	—	—	—
	Rated power	kW	—	—	—	—
Performance	Air flow volume	m³/h	6100	6800	6800	6800
	Noise level	dB(A)	62	65	65	67
Refrigerant	Type		R134a	R134a	R134a	R134a
	Charged volume	g	2750	3200	3100	3100
Net dimension	Body (W×H×D)	mm	990×966×354	940×1245×360	940×1245×360	940×1245×360
Packing dimension	Body (W×H×D)	mm	1120×1100×435	1058×1380×438	1058×1380×438	1058×1380×438
Net weight		kg	99	106	103	96
Gross weight		kg	104	114	113	116
Qty/Per 20'/40'/40'HQ	Outdoor unit	Pieces	50/106/106	29/60/60	29/60/60	29/60/60
Pipe diameter	Liquid side	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7
	Gas side	mm	Φ19.1	Φ19.1	Φ19.1	Φ19.1
	Max. pipe length	m	50	50	50	50
	Max. difference	m	20	20	20	20

Specification

50Hz

Model									
		DA-024-4 RCD-2.5		DA-036-4 RCD-3.0		DA-036-5 RCD-3.5		DA-048-3 RCD-4.0	
								DA-048-4 RCD-5.0	
								DA-060-3 RCD-5.0	
Capacity	Cooling	kW	5.3	7.1	10.5	10.5	14.0	16.0	
		BTU/H	24232	30717	35836	35836	47781	54607	
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	380-3-50	380-3-50	380-3-50	
Cooling	Rated current	Ampere	9.5	12.0	21.0	6.3	8.6	10.8	
	Rated power	kW	2.05	2.6	4.6	3.4	4.72	5.36	
Heating	Rated current	Ampere	11.0	12.2	20.5	6.4	8.5	10.8	
	Rated power	kW	2.4	2.61	4.5	3.7	4.65	5.2	
Performance	Air flow volume	m³/h	2900	3600	6100	6100	6800	6800	
	Noise level	dB(A)	53	55	60	61	62	63	
Refrigerant	Type		R134a	R134a	R134a	R134a	R134a	R134a	
	Charged volume	g	2060	2400	2700	2600	3900	3500	
Net dimension	Body (W×H×D)	mm	842×695×324	842×695×324	990×966×354	990×966×354	940×1245×360	940×1245×360	
Packing dimension	Body (W×H×D)	mm	965×772×399	965×772×399	1120×1100×435	1120×1100×435	1058×1380×438	1058×1380×438	
Net weight		kg	55	59	102	102	118	128	
Gross weight		kg	58	64	107	107	125	135	
Qty/Per 20'/40'/40'HQ	Outdoor unit	Pieces	92/194/206	92/194/206	50/106/106	50/106/106	29/60/60	29/60/60	
Pipe diameter	Liquid side	mm	Φ6.4	Φ9.5	Φ12.7	Φ12.7	Φ12.7	Φ12.7	
	Gas side	mm	Φ12.7	Φ15.9	Φ19.1	Φ19.1	Φ19.1	Φ19.1	
	Max. pipe length	m	20	20	50	50	50	50	
	Max. difference	m	10	10	20	20	20	20	



23°



21°



22°

Make every
room the perfect
temperature with
ROYAL TEMP
air conditioning



ROYAL TEMP

Working Hard to Exceed your Expectations

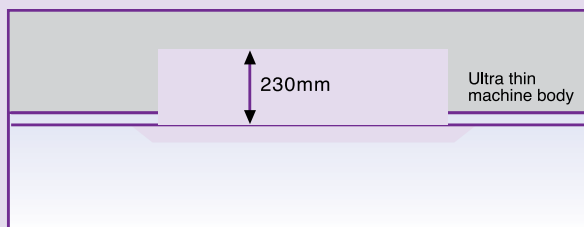
Four-way Cassette

Indoor Unit



Features

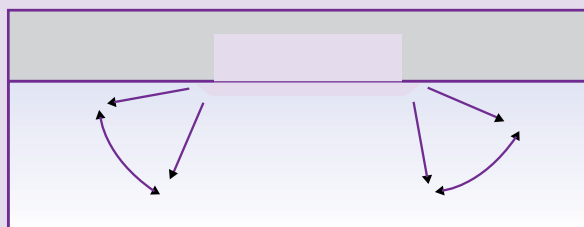
- Ultra thin machine body to easy installation and maintenance. 1.5Ton~2.0Ton: 230mm, 2.5Ton~4.0Ton: 300mm.



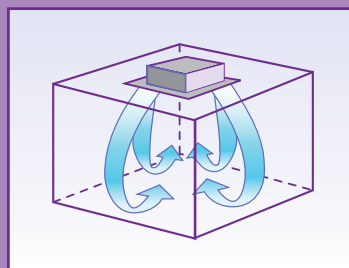
- Different color panels for choose: White, Gray, Blue, Black.



- The swing angle of the first louver are 40~42 degrees and the second louver are 37~38 degrees.



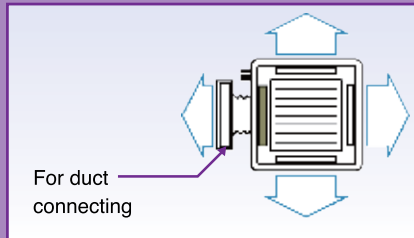
- Four speeds available, optional super high fan speed design suitable for the large building over 3m high.



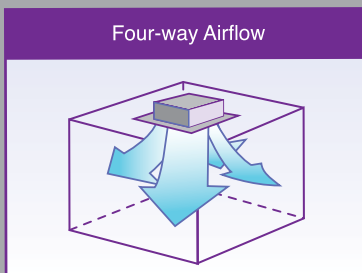
- Adding digital tube displaying on the display board. LED can display the Error Code to make the malfunction checking easier.



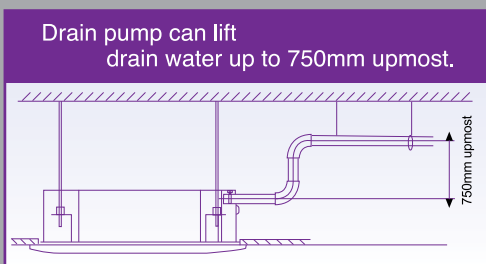
- Reserve spaces for air side-outlet, it is available to connect duct pipe hence air supplying from the four sides to nearby small room.



- Stylish design is harmonious with any interior decoration and creates an elegant environment.



- Built-in water pump with 750mm pumping head.



- Fresh air makes life more healthy and comfortable.



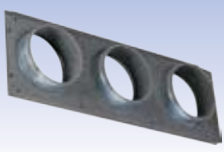
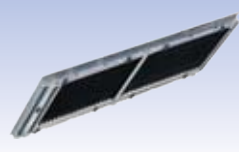
Concealed Duct

Indoor Unit

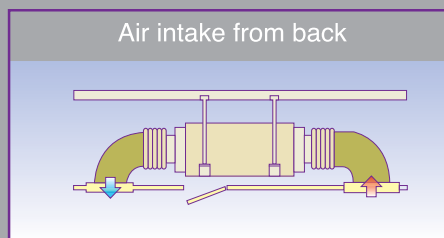
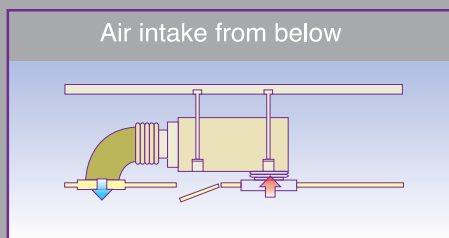


Features

Optional accessories.

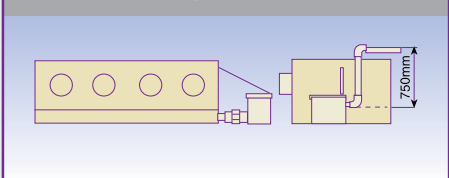
Canvas air passage	Clapboard	Panel	Filter
			

Optional two air intake ways.



Outside water pump with 750mm pumping head.

Special up-drainage water pump (optional)



Compact design 298mm height, saving space, easy for installation and maintenance.

Three speeds indoor unit.

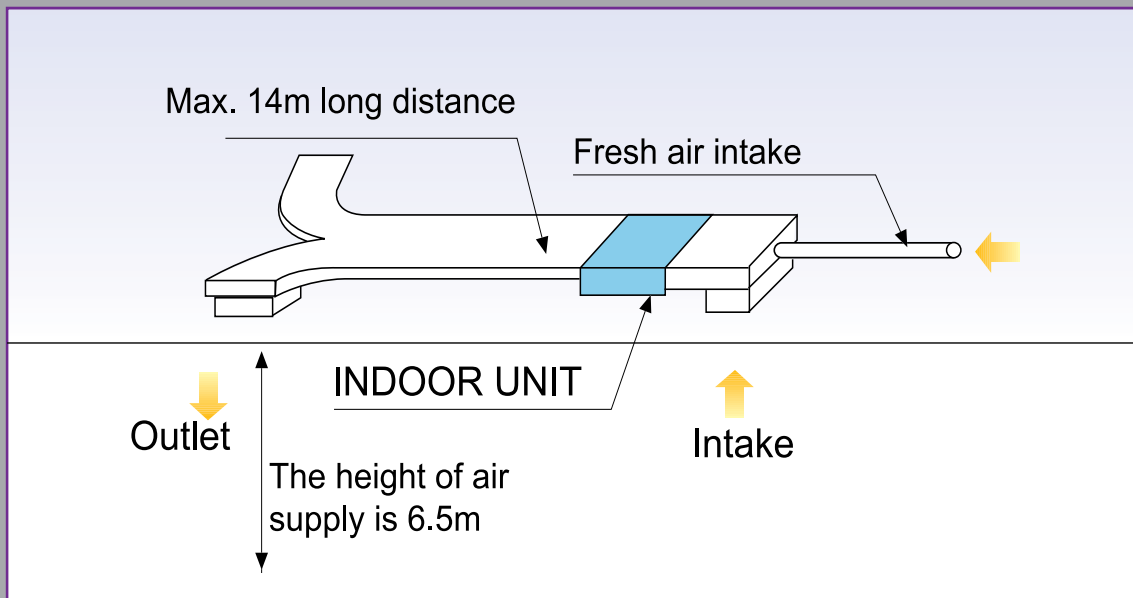
High Static Pressure Duct

Indoor Unit



Features

- Multi-blowing outlets satisfy your fitment's needs.
- The longest distance of air supply is about 14m, the height of air supply is 6.5m.
- Fresh air supply.
- Four speeds fan motor.



Ceiling & Floor

Indoor Unit



Features

- Modern and elegant appearance.
- Auto swing and wide-angle, horizontal and vertical auto swing ways.

Horizontal and vertical swing



- Drain pipe connection: left or right.
- Optional built-in water pump.
- Built-in autorestart.
- Three speeds indoor unit.
- Wired control and group control available.

Central Control Monitor

MD-CCM02 Outdoor CCM		Max. 32 outdoor units control. Note: Special order for outdoor PCB.
MD-CCM03 Indoor CCM		Max. 64 indoor units control; New mode lock function.
MD-CCM09 Indoor CCM		Max. 64 indoor units control; Weekly schedule timer function. Note: It can't be connected to the web control system.

Network Interface Adapter

MD-NIM01		Used for indoor unit whose PCB without integration network module function but with network module port, it can connect indoor units to indoor central control monitor.
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BMS Accessories

MDV-WLJKXT (V3.0) 3rd network central control system kit		Network control software (V3.0)
MD-CCM07 LonWorks gateway		Matched with network CCM system (V3.0), connect to LonWorks.
MD-CCM08 BMS CCM		BACNET LONWORK/ETHERNET optional, Max. connecting 4 group air-conditions (each group can connect Max. 64 indoor units or 32 outdoor units).

Weekly Timer

MD-CCM04 weekly schedule timer		Control one indoor unit. Note: Weekly schedule timer and indoor CCM cannot be used simultaneously.
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Accessories

Controllers

<i>Wireless Remote Controller</i>		
Wireless Remote Controller	R05 	Background light, LCD display screen, Clock function, ON/OFF/Temperature setting/Mode setting/Fan speed setting/Horizontal swing/Vertical swing setting functions, but need match functions with corresponding indoor units.
	R51 	LCD display, clock function, ON/OFF/Temperature setting/Mode setting/Fan speed/Swing etc..
	R06 	Control function as ON/OFF/ Mode setting/ Swing/ Direction/ Temperature setting/Time/ Turbo function (on COOL mode, push it the air conditioner can go into powerful cooling operation) /Sleep/Reset/ Fan speed setting/ Timer/Cancel/ Clock/ Lock/ O2.
	R11 	Control function as ON/OFF/Mode setting/ Temperature setting/Clock/Timer/Lock function/ Fan speed setting/Swing.
<i>Wired Remote Controller</i>		
Wired Remote Controller	KJR-10B 	ON/OFF/Mode setting/Temp. setting/Fan speed/Time setting/Swing, etc..
	KJR-12B 	The basic function is the same as KJR-10B, Temp. sensor built-in. Note: Special order for indoor PCB.