

Specifications

Nominal Ton*			20	25	30
Model			MRCT-200CWN1-Z(C)	MRCT-250CWN1-Z(C)	MRCT-300CWN1-Z(C)
Power supply			460V 3N 60Hz	460V 3N 60Hz	460V 3N 60Hz
Cooling	Capacity	Btu/h	240,000	300,000	360,000
		kW	70.0	87.0	105
	Power input	kW	22	28	34.3
	EER	Btu/h.W	10.9	10.7	10.5
Air flow(Indoor side)		CFM	8300	11500	11000
External static pressure(Indoor side)		Pa	120	250	270
		in.H2O	0.48	1	1.08
Indoor Coil	Number of rows		4	4	4
	Fin spacing	in.(mm)	3/64(1.3)	1/16(1.6)	1/16(1.6)
		FPI	19	16	16
	Tube diameter	mm	7	8	8
		inch	9/32	5/16	5/16
Indoor fan	Type		FC Centrifugal	FC Centrifugal	FC Centrifugal
	Quantity		1	1	1
	Drive type		Belt	Belt	Belt
	Motors quantity		1	1	1
	Motor model		AC Motor	AC Motor	AC Motor
Compressor	Type		Scroll	Scroll	Scroll
	Quantity		2	2	2
	Model		SH120A4ALC*2	SH140A4ALC*2	SH161A4ALC*2
	BR(C)nd		Danfoss	Danfoss	Danfoss
	Capacity	Btu/h	111331*2	144300*2	152383*2
	Refrigerant oil charge	ml	3300*2	3300*2	3600*2
Outdoor Coil	Number of rows		3+3	3+2+3+2	3+3+3+3
	Fin spacing	in.(mm)	1/16(1.5)	1/16(1.5)	1/16(1.5)
		FPI	17	17	17
	Tube diameter	mm	7	7	7
		inch	9/32	9/32	9/32
Outdoor Fan	Type		Propeller	Propeller	Propeller
	Quantity		2	2	2
	Drive type		Direct	Direct	Direct
	Motors quantity		2	2	2
	Motor model		AC Motor	AC Motor	AC Motor
Refrigerant	Type		R410A	R410A	R410A
	Refrigerant volume	Kg	5.4+5.4	6.1+6.1	7.6+7.6
	Refrigerant Control		Piston	Capillary	Capillary
Wired controller			KJR-12B/dP(T)-E	KJR-12B/dP(T)-E	KJR-12B/dP(T)-E
Dimension (WxHxD)		in.(mm)	65-3/4x49-3/32x86-19/64 (1,670x1,247x2,192)	91-11/32x49-1/64x87-13/32 (2,320x1,245x2,220)	91-11/32x49-1/64x87-13/32 (2,320x1,245x2,220)
Packing (WxHxD)		in.(mm)	66-47/64x50-35/64x87-3/32 (1,695×1,284×2,212)	91-47/64x50-13/64x87-51/64 (2,330×1,275×2,230)	91-47/64x50-13/64x87-51/64 (2,330×1,275×2,230)
Net/Gross weight		lbs(kg)	1477/1543(670/700)	1973/2039(895/925)	2072/2138(940/970)
Shipping	Qty/Per 20'/40'/40'HQ		2/5/10	2/5/10	2/5/10

Notes:
*: Nominal ton is only for reference, cooling capacity as per specifications.
1. Cooling (1) test condition: Indoor temperature 26.7°C (80°F) DB/19.4°C (67°F) WB, outdoor temperature 35°C (95°F).
2. Units are suitable for operation to ±20% of nominal air flow.



Midea CAC After-service Application



iOS Version



Android Version

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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.



Commercial Air Conditioners

Rooftop Package Unit A/C
ClimaCreator Series
20ton to 30ton 460V 3Ph 60Hz



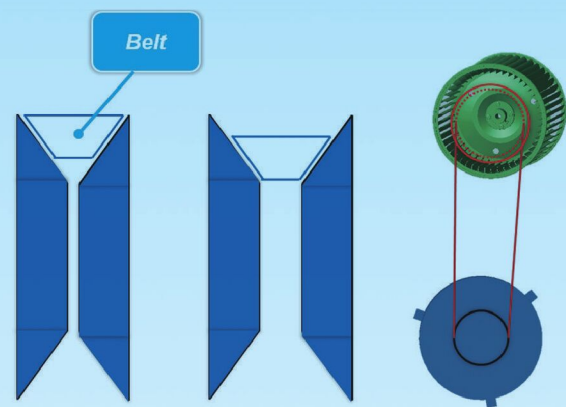
Features

- ❖ Large cooling capacity, from 240000Bth/h to 360000Btu/h.
- ❖ Highly reliable scroll compressor suited to extreme conditions.
- ❖ Outdoor side: Large, powerful propeller fan made of galvanized steel;
Indoor side: Centrifugal metal-fan with forward-curved blades.
- ❖ Adjustable pulley design.
- ❖ Factory-completed unit and pre-drilled duct flange for easy installation.
- ❖ Electric heater and metal (or nylon) filter as options.
- ❖ Compatible with other brand thermostat.
- ❖ Customized anti-corrosion treatment.
- ❖ High temperature operation - Cooling: from 10°C (50°F) to 52°C (125.6°F).



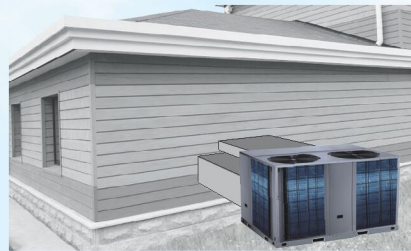
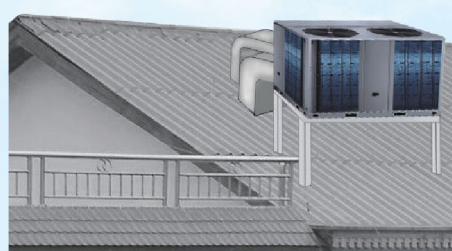
Adjustable pulley design >>>

- ❖ The fan speed and ESP can be changed via adjustable pulley wheel. It is no need to change the pulley.



Design flexibility >>>

- ❖ Compact design.
- ❖ Flanges of air flow inlet and outlet as standard.
- ❖ It is suitable for installation in rooftop and ground.

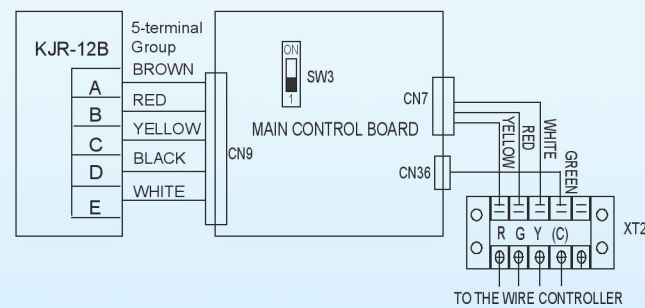


Controllers >>>

- ❖ Wired controller as standard.
- ❖ Besides standard wired controller, others can be chosen too.



- ❖ Other brand thermostat can be matched as optional solution.



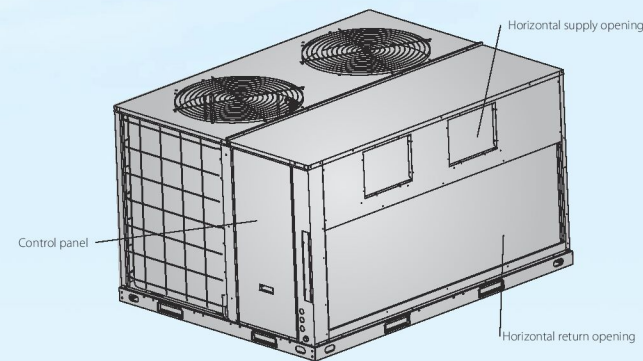
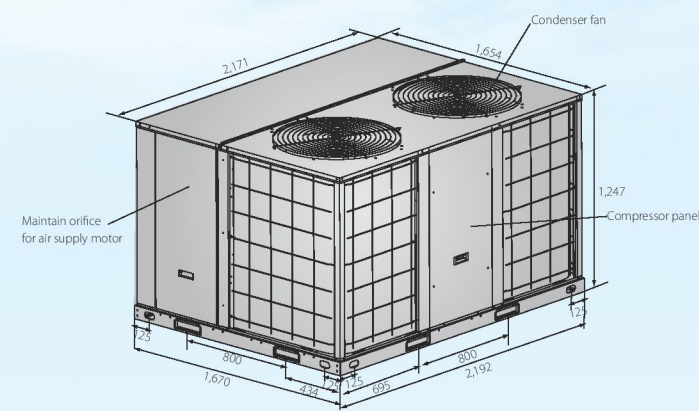
Centralized controllers >>>

- ❖ Centralized control function can be achieved through the centralized controller as optional. MD-NIM01 should be connected between rooftop package units and centralized controller.



Dimensions >>>

MRCT-200CWN1-Z(C)



MRCT-250CWN1-Z(C) MRCT-300CWN1-Z(C)

