

## Rooftop Package Unit A/C - Tropical ClimaCreator Series 7.5ton to 25ton 220V 3Ph 60Hz



### Features

- ❖ Wide product range, from 89,000Btu/h to 300,000Btu/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 (10ton to 25ton).
- ❖ 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).



# Specifications

Nominal tons*		7.5	10	15	20	25
Model		MRCT-075CWN1-D(C)	MRCT-100CWN1-R(D)	MRCT-150CWN1-R(C)	MRCT-200CWN1-R(D)	MRCT-250CWN1-R(C)
Power supply		220V~, 3Ph, 60Hz				
Cooling (1)	Capacity	Btu/h 89,000	120,000	180,000	240,000	300,000
	Power input	kW 26.1	35.2	52.8	70.3	87.9
	EER	kW/h.W 7.8	10.7	16.2	21.9	33.0
Cooling (2)	Capacity	Btu/h 69,600	100,200	146,000	200,500	251,700
	Power input	kW 20.40	29.37	42.79	58.76	73.77
	EER	Btu/h.W 8.6	12.5	18.5	25.2	37.9
Air flow (Indoor side)	CFM	2,700	4,120	6,450	8,580	11,138
	Pa	Default: 80, 0~250	Default: 90, 0~250	Default: 110, 0~325	Default: 120, 0~400	Default: 250, 0~450
External static pressure (Indoor side)		Default: 0.32, 0~1.00				
Compressor		Scroll / 1				
Condenser motor	Type / Quantity	Scroll / 1				
	Type	Axial	Axial	Axial	Axial	Axial
	Drive type	Direct	Direct	Direct	Direct	Direct
Evaporator motor	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Drive type	Direct	Belt	Belt	Belt	Belt
Sound pressure level		dB(A)	75.7	76.8	78.3	79.2
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A
	Charged	kg 3.8	4.1	4.6 + 2.2	5.4 + 5.4	6.7 + 6.7
Wired controller		lbs 8.38	9.04	10.14 + 4.85	11.91 + 11.91	14.77 + 14.77
			KJR-25B	KJR-12B/dP(T)-E	KJR-12B/dP(T)-E	KJR-12B/dP(T)-E
Dimension (WxHxD)		mm 1,475x840x1,130	1,483x1,231x1,138	1,965x1,230x1,130	1,670x1,247x2,192	2,320x1,245x2,220
		inch 58-1/16 x 33-1/16 x 44-1/2	58-3/8 x 48-1/2 x 44-13/16	77-3/8 x 48-7/16 x 44-1/2	65-3/4 x 49-1/8 x 5/16	91-3/8 x 49 x 87-3/8
Packing (WxHxD)		mm 1,495x870x1,150	1,500x1,255x1,155	1,995x1,255x1,160	1,695x1,284x2,212	2,330x1,275x2,230
		inch 58-7/8 x 34-1/4 x 45-1/4	59-1/16 x 49-3/8 x 45-1/2	78-9/16 x 49-3/8 x 45-1/16	66-3/4 x 50-9/16 x 87-1/16	91-3/4 x 50-3/16 x 87-13/16
Net/ Gross weight		kg 235/240	325/335	470/485	670/700	895/925
		lbs 518/529	717/739	1,036/1,069	1,477/1,544	1,974/2,040

**Notes:**

\*: Nominal ton is only for reference, cooling capacity as per specifications.

- Cooling (1) test condition: Indoor temperature 26.7°C (80°F) DB/19.4°C (67°F) WB, outdoor temperature 35°C (95°F).
- Cooling (2) test condition: Indoor temperature 26.7°C (80°F) DB/19.4°C (67°F) WB, outdoor temperature 46.1°C (115°F).
- Units are suitable for operation to ±20% of nominal air flow.
- Sound pressure values are measured in a semi-anechoic room, at a position 1m front of the unit and H/2 + 0.5m' above the floor (H for unit's height).