

Specifications

T1 application, 380-415V 3Ph~ 50Hz



Nominal ton*			15	17.5	20	25	30
Model			MRC-150HWN1-R(C)	MRC-175HWN1-R(C)	MRC-200HWN1-R(C)	MRC-250HWN1-R(C)	MRC-300HWN1-R(C)
Cooling	Capacity	Btu/h	180,000	208,000	240,000	300,000	335,000
		kW	53.0	61.0	70.0	88.0	98.0
	Input	kW	16.7	19.1	22.6	28.9	32.8
	EER	Btu/h.W	10.8	10.9	10.6	10.4	10.2
Heating	Capacity	Btu/h	191,000	218,000	260,000	330,000	380,000
		kW	56.0	64.0	75.0	97.0	111.5
	Input	kW	17.2	19.5	23.6	30.3	36.5
	COP	Btu/h.W	11.1	11.2	11.0	10.9	10.4
Air flow	Indoor side	CFM	7,000	7,600	8,800	10,000	11,200
ESP	Pa	Default: 110; 0~325	Default: 110; 0~250	Default: 120; 0~375	Default: 130; 0~350	Default: 270; 25~400	
Max. power input	kW	25.0	27.0	32.5	38.5	49.5	
Max. current	A	46.1	55.4	63.2	74.3	81.7	
Compressor	Type \ Quantity		Scroll / 2	Scroll / 2	Scroll / 2	Scroll / 2	Scroll / 2
	Brand		Copeland	Copeland	Copeland	Danfoss	Danfoss
Indoor fan	Type / Drive type		Centrifugal / Belt	Centrifugal / Belt	Centrifugal / Belt	Centrifugal / Belt	Centrifugal / Belt
Outdoor fan	Type / Drive type		Axial / Direct	Axial / Direct	Axial / Direct	Axial / Direct	Axial / Direct
Wired controller			KJR-12B/dP(T)-E	KJR-12B/dP(T)-E	KJR-12B/dP(T)-E	KJR-12B/dP(T)-E	KJR-12B/dP(T)-E
Centralized controller (Optional)			Yes	Yes	Yes	Yes	Yes
Ambient temperature	Cooling		10°C~46°C	10°C~46°C	10°C~46°C	10°C~46°C	10°C~46°C
	Heating		-9°C~24°C	-9°C~24°C	-9°C~24°C	-9°C~24°C	-9°C~24°C
Dimension	Net (WxHxD)	mm	1,965x1,230x1,130	1,670x1,247x2,192	1,670x1,247x2,192	2,320x1,245x2,220	2,320x1,245x2,220
	Packing (WxHxD)	mm	1,995x1,255x1,160	1,695x1,284x2,212	1,695x1,284x2,212	2,330x1,275x2,230	2,330x1,275x2,230
Weight	Net / Gross	kg	492/512	615/645	690/720	940/970	955/985

Notes:

1. Cooling capacity test condition (1):

Outdoor ambient temperature: 35°C, indoor temperature 26.7°C DB / 19.4°C WB;

Heating capacity test condition (2):

Outdoor ambient temperature: 7°C DB / 6°C WB, indoor temperature 26.7°C DB / 19.4°C WB;

2. Units are suitable for operation to ±20% of nominal CFM;

3. Specifications are subject to change without prior notice for product improvement.

* Nominal ton only for reference.

Cooling or heating capacity as per specifications.