

Specifications

Model			MGC-V5W/D2N1	MGC-V7W/D2N1	MGC-V10W/D2N1
Power source		V-Ph-Hz	220~240V-1Ph-50Hz		
Cooling mode*(1)	Capacity	kW / Btu/h	5.0/17065	7.0/23890	10.0/34130
	Power input	kW	1.55	2.25	3.10
	EER	kW/kW	3.23	3.11	3.23
Heating mode**(2)	Capacity	kW / Btu/h	5.5/18771	8.0/27303	11.0/37543
	Power input	kW	1.70	2.50	3.30
	COP	kW/kW	3.24	3.20	3.33
Sound pressure level***(3)		dB(A)	58	58	59
Outdoor air flow		m ³ /h(CFM)	5100(3001)	5100(3001)	7000(4100)
Net dimension	W×H×D	mm	990×966×354	990×966×354	950×1328×400
Packing size	W×H×D	mm	1120×1100×435	1120×1100×435	1030×1456×435
Outdoor unit weight(Net/Gross)		kg	81/91	81/91	110/121
Pipe diameter	Water inlet/outlet	inch	1"	1"	1-1/4"
Connecting wiring	Power wiring	mm ²	3×2.5	3×2.5	3×4.0
	Signal wiring	mm ²	3×1.0	3×1.0	3×1.0
Charged refrigerant type and volume		kg	R410A/2.5	R410A/2.5	R410A/2.8
Water outlet temperature range		°C	Cooling: 4~20°C; Heating: 30~55°C		

Model			MGC-V12W/D2RN1	MGC-V14W/D2RN1	MGC-V16W/D2RN1
Power source		V-Ph-Hz	380~415V-3Ph-50Hz		
Cooling mode*(1)	Capacity	kW / Btu/h	11.2/38225	12.5/42662	14.5/49488
	Power input	kW	3.55	4.00	4.65
	EER	kW/kW	3.15	3.12	3.12
Heating mode**(2)	Capacity	kW / Btu/h	12.3/41980	13.8/47100	16.0/54608
	Power input	kW	3.90	4.40	5.00
	COP	kW/kW	3.15	3.14	3.20
Sound pressure level***(3)		dB(A)	62	62	62
Outdoor air flow		m ³ /h(CFM)	7000(4100)	7000(4100)	7000(4100)
Net dimension	W×H×D	mm	950×1328×400	950×1328×400	950×1328×400
Packing size	W×H×D	mm	1030×1456×435	1030×1456×435	1030×1456×435
Outdoor unit weight(Net/Gross)		kg	110/121	111/122	111/122
Pipe diameter	Water inlet/outlet	inch	1-1/4"	1-1/4"	1-1/4"
Connecting wiring	Power wiring	mm ²	5×4.0	5×4.0	5×4.0
	Signal wiring	mm ²	3×1.0	3×1.0	3×1.0
Charged refrigerant type and volume		kg	R410A/2.8	R410A/2.9	R410A/3.2
Water outlet temperature range		°C	Cooling: 4~20°C; Heating: 30~55°C		

Note: Due to continuous improvement, the above specifications are subject to change without prior notice.

1. Cooling: chilled water inlet/outlet temperature: 12/7°C, outdoor ambient temperature 35°C DB.
2. Heating: warm water inlet/outlet temperature: 40/45°C, outdoor ambient temperature 7°C DB/6°C WB.
3. It is tested 1m away in front of the unit in a semi-anechoic room (sound pressure).



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Note: The data in this book may be changed without notice for further improvement on quality and performance.

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