

## Specifications



Model			MDVM-V30D2BR8-X	MDVM-V30MD2BR8-X	MDVM-V60D2BR8-X	MDVM-V60MD2BR8-X
Power supply		V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Cooling <sup>1</sup>	Capacity	kW	27.5	27.5	55	55
	Rated input	kW	10.3	11	21.5	23
	EER			2.67	2.5	2.56
Heating <sup>2</sup>	Capacity	kW	32	32	62	62
	Rated input	kW	10	10.7	20	21.5
	COP			3.2	2.99	3.1
Seasonal space heating energy efficiency class			A++	A++	A++	A+
Compressor		Type	Rotary	Rotary	Rotary	Rotary
		Quantity	1	1	2	2
Air side heat exchanger		Type	Finned tube	Finned tube	Finned tube	Finned tube
Fan motor		Type	DC motor	DC motor	DC motor	DC motor
		Quantity	1	1	2	2
Water side heat exchanger	Type		Plate	Plate	Plate	Plate
Pump head(For hydronic module)	m		/	15	/	15
Refrigerant system		Type	R32	R32	R32	R32
		Charged volume <sup>3</sup>	kg	7.9	7.9	14
Throttle		Type	EXV	EXV	EXV + Capillary	EXV + Capillary
Sound power level		dB(A)	78	78	86	86
Net dimensions (WxHxD)		mm	1870×1175×1000	1870×1175×1000	2220×1325×1055	2220×1325×1055
Packed dimensions (WxHxD)		mm	1910×1225×1035	1910×1225×1035	2250×1370×1090	2250×1370×1090
Net/Gross weight		kg	300/310	315/325	480/490	515/525
Water pipe connections		mm	DN40	DN40	DN50	DN50
Ambient temperature range		Cooling	°C	-10 to 43	-10 to 43	-10 to 43
		Heating	°C	-14 to 30	-14 to 30	-14 to 30
LWT setting range		Cooling	°C	0 to 20	0 to 20	0 to 20
		Heating	°C	25 to 54	25 to 54	25 to 54

### Note:

- Cooling: Chilled water inlet/outlet Temp.12/7°C, outdoor ambient Temp. 35°C DB.
- Heating: Warm water inlet/outlet Temp. 40/45°C, outdoor ambient Temp. 7°C DB/6°C WB.
- For MC-SU60-RN8L, MC-SU60M-RN8L the total amount of refrigerant is 14 kg, including the 11.5 kg already charged before delivery and the 2.5 kg to be charged.
- Capacity and efficiency data in accordance with EN14511, EN14825.
- For cooling mode, if water temperature reaches 0°C, anti-freeze liquid is needed.