

Model			MC-SU75-RN8L-B	MC-SU90-RN8L-B	MC-SU140-RN8L-B	MC-SU180-RN8L-B
Power supply		V/Ph/Hz	380~415/3/50	380~415/3/50	380~415/3/50	380~415/3/50
Cooling1	Capacity	kW	70	82	130	164
	Rated input	kW	26.8	27.8	50.5	56
	EER		2.61	2.95	2.57	2.93
Heating2	Capacity	kW	75	90	138	180
	Rated input	kW	23.7	28.1	44.5	57
	COP		3.16	3.2	3.1	3.16
Seasonal space heating energy efficiency class (LWT at 35°C)			A++	A++	A++	A+
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		1	2	2	4
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		2	2	2	4
Water side heat exchanger	Type		Plate	Plate	Plate	Plate
Refrigerant system	Type		R32	R32	R32	R32
	Charged volume ³	kg	9	16[11.5+4.5]	15.5[11.5+4]	32[(10.5+5.5)*2]
Throttle	Type		EXV	EXV	EXV	EXV
Sound power level		dB	86		92	92
Net dimensions (W×H×D)		mm	2000*1770*960	2200*2315*1135	2220*2300*1135	2752*2413*2220
Packing dimensions (W×H×D)		mm	2085*1890*1030	2250*2445*1180	2250*2425*1180	2810*2446*2245
Net/Gross weight		kg	440/455	635/660	670/690	1400/1420
Water pipe connection		mm	DN50	DN50	DN65	DN80
Ambient temperature range	Cooling	°C	-10~48	-10~48	-10~48	-10~48
	Heating	°C	-20~43	-20~43	-20~43	-20~43
	DHW(Customization)	°C	-20~43	-20~43	-20~43	-20~43
LWT setting range	Cooling	°C	0~20	0~20	0~20	0~20
	Heating	°C	25~54	25~54	25~54	25~54
	DHW(Customization)	°C	30~60	30~60	30~60	30~60

Notes:

1. Water inlet/outlet temperature 12/7°C; Outdoor ambient temperature 35°C DB.
2. Water inlet/outlet temperature 40/45°C; outdoor ambient temperature 7°C DB/6°C WB.
3. [A+B], A means refrigerant volume charged in factory, B means refrigerant volume charged on site.
4. Capacity and efficiency data calculated in accordance with EN14511; EN14825
5. For cooling mode, if water temperature reaches 0C, anti-freeze liquid is needed.