

## 12. APPLICABLE MODELS AND MAIN PARAMETERS

Table 12-1

Model		MC-SU30-RN1L	MC-SU60-RN1L	MC-SU90-RN1L
Cooling capacity	kW	27	55	82
Heating capacity	kW	31	61	92
Standard cooling input	kW	10.8	22	36.8
Cooling rated current	A	16.7	33.9	60
Standard heating input	kW	10.5	20.3	32.8
Heating rated current	A	16.2	31.3	42
Power supply		380-415V 3N~ 50Hz		
Operation control		Control of wired controller, auto startup, running state display, failure alert etc.		
Safety device		High or low pressure switch, freeze-proof device, water flow volume controller, Overcurrent device, power phase sequence device etc.		
Refrigerant	Type	R410A		
	Chargeing volume kg	10.5	17.0	27.0
Water pipe system	Waterflow volume m <sup>3</sup> /h	5.0	9.8	15
	Hydraulic resistance lose kPa	80	50	75
	Water side heat exchanger	Plate heat exchanger		
	Max. pressure MPa	1.0		
	Min. pressure MPa	0.05		
	Inlet and outlet pipe dia.	DN40	DN50	
Air side heat exchanger	Type	Fin coil model		
	Air flow volume m <sup>3</sup> /h	12500	24000	38000
Outline dimension N.W. of the unit	L mm	1870	2220	3220
	W mm	1000	1055	1095
	H mm	1175	1325	1513
Net Weight	kg	300	480	710
Operation Weight	kg	310	490	739
Packing dimension	L×W×H mm	1910×1035×1225	2250×1090×1370	3275×1130×1540
<p>Notes: the above data is measured base on the following working condition.  Refrigeration mode under nominal working condition: water flow 0.172m<sup>3</sup>/(h•kW), outlet water temperature of chilled water 7℃, air inlet temperature of condenser 35℃.  Heating mode under nominal working condition: water flow 0.172m<sup>3</sup>/(h•kW), outlet water temperature of hot water 45℃, air inlet temperature of condenser DB/WB 7/6℃.</p>				