Model			MGBL-F65W/RN1	MGBL-D65W/RN1		
Cooling Capacity		kW	65	65		
Heating Capacity		kW	69	69		
Power input	Cooling	kW	20.4	20.4		
	Cooling rated current	A	36.5	36.5		
	Heating	kW	21.5	21.5		
	Heating rated current	A	37.2	37.2		
Power supply		V/Ph/Hz	380-400/3/50	380-415/3/50		
Power supply	Manual switch	A	150	150		
	Fuse	A	100	100		
Max. input consumption		kW	27.9	27.1		
Max. running current		A	54.5	54.5		
Max. starting current		A	200	168		
Compressor	Type		Fixed scroll	Fixed scroll + digital scroll		
	Brand		Danfoss	Copeland		
	Model		SH140A4ALC	ZP144KCE-TFD-522 / ZPD72KCE-TFD-433 / ZP67KCE-TFD-420		
	Quantity	Pieces	2	3		
	Capacity	kW	34.7	35.4	16.848	16.2
	Input	kW	10.86	10.8	5.75	5.2
	Rate current(RLA)	A	21.4	21.1	12.7	11.8
	Locked rotor Amp(LRA)	A	147	144	82.4	74
Refrigerant	Type		R410A	R410A		
	Refrigerant control		EXV+ capillary	EXV+ capillary		
	Weight	kg	7.0×2	7.0×2		
Condenser (Air side)	Type		Fin-coil	Fin-coil		
	Quantity of fan motor	Pieces	2	2		
	Air flow	$\times 10^3 m^3/h$	24	24		
	Fan motor input	kW	0.865×2	0.865×2		
Evaporator (Water side)	Type		Shell and tube	Shell and tube		
	Water resistance loss	kPa	15	15		
	Volume	L	42	42		
	Water inlet/outlet pipeline inside diameter	mm	DN100	DN100		
	Water flow	m^3/h	11.2	11.2		
	Max. design pressure	MPa	1	1		
	Water pipe connection type		Flexible joint	Flexible joint		
Dimension	Net(D×H×W)	mm	2000×1880×900	2000×1880×900		
	Packing size(D×H×W)	mm	2106×2090×998	2106×2090×998		
Weight	Net weight	kg	580	610		
	Operation weight	kg	650	680		
Connection wire	Power wire	mm^2	25×4+16×1	25×4+16×1		

	Signal wire	mm^2	0.75×3-core with shielding	0.75×3-core with shielding
Control type			Wired controller	Wired controller
Safety protection device			1) Protection for over-high discharge pressure. 2) Protection for over-low suction pressure. 3) Power supply phase sequence protection. 4) Anti-freezing protection in cooling mode. 5) Anti-freezing protection in Winter. 6) Protection for compressor over current. 7) Protection for compressor overload. 8) Outlet and inlet water temperature difference protection. 9) Compressor discharge temperature protection. 10) Water flow cut-off protection. 11) Sensor malfunction protection. 12) Low ambient temperature drive-up protection 13) Low-temperature protection of shell and tube heat exchanger.	
Noise level		dB(A)	67	
Operation water temp		℃	Cooling：0～17（Less than 5℃ must add antifreeze） Heating：22～50	
Ambient temp		℃	Cooling：-10～46 Heating：-10～21	

Note:
Please refer to the water flow in the above table strictly to design and install.
All the above data is measured base on the following working condition:
1. Cooling mode: water side fouling factor: 0.086m^2 · ℃/kW, chilled water inlet/outlet: 12℃ / 7℃, and outdoor ambient temp. 35℃ DB.
2. Heating mode: water side fouling factor: 0.086m^2 · ℃/kW, warm water inlet/outlet: 40℃ / 45℃, and outdoor ambient temp. 7℃ DB/6℃ WB.