

			CLP-V5HW/DR4	CLP-V8HW/DR4	CLP-V10HW/DR4	CLP-V12HW/DR4	CLP-V14HW/DZR4	CLP-V16HW/DZR4	
Power supply	V/Ph/Hz		220~240/1/50	220~240/1/50	220~240/1/50	220~240/1/50	380~415/3/50	380~415/3/50	
Performance data									
Rated Heating*1	Capacity	kW	5	8	10	12	14	16	
	Power in	kW	1.13	1.95	2.22	2.9	3.26	3.75	
	COP	kW/kW	4.4	4.1	4.5	4.14	4.29	4.27	
Rated Cooling*2	Capacity	kW	4.5	6.5	8.5	10	13.8	15.2	
	Power in	kW	1.66	2.32	3.04	3.7	4.9	5.4	
	EER	kW/kW	2.7	2.8	2.8	2.7	2.82	2.81	
Heating*3	Capacity	kW	5	8	10	12	14	16	
	Power in	kW	1.56	2.5	2.94	3.53	4.12	4.71	
	COP	kW/kW	3.2	3.2	3.4	3.4	3.4	3.4	
Cooling*4	Capacity	kW	4.2	6.5	8.5	10	13.8	15.2	
	Power in	kW	1.1	1.7	1.77	2.08	2.88	3.17	
	EER	kW/kW	3.8	3.8	4.8	4.8	4.8	4.8	
Seasonal space heating energy eff. Class (average climate general)	water outlet @ 35°		A++	A++	A++	A++	A++	A++	
	water outlet @ 55°		A++	A++	A++	A++	A++	A++	
Max. power input		kW	2.86	4.2	5	5	5.5	6.4	
Max. current input		A	13	19	22	22	10.5	12.1	
Sound power level		dB(A)	62	62	68	68	70	70	
Physical data									
Dimension (W×H×D)		mm	935×702×382	935×702×382	1032×810×445	1032×810×445	1014×1430×450	1014×1430×450	
Packing (W×H×D)		mm	975×770×435	975×770×435	1075×875×495	1075×875×495	1095×1545×485	1095×1545×485	
Net/gross weight		kg	43/46	55/58	56.3/61	63.5/68	124/138	124/138	
Compressor	Brand		Mitsubishi	GMCC	GMCC	GMCC	GMCC	GMCC	
	Type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	
	Model		SVB140FVCMC	EKTF235D22UMT	EKTF310D43UMT	EKTF310D43UMT	EKTF400D64UMU	EKTQ420D1UMU	
	Poles		6	6	6	6	6	6	
	Speed	rps	10~130	12~120	12~120	12~120	12~120	12~120	
	Oil		FW68S/350mL	POE/670mL	POE/1000mL	POE/1000mL	POE/1000mL	POE/1400mL	
Outdoor fan	Brand		Kaibang/Yongan	Kaibang/Yongan	Yongan	Yongan	Yongan	Yongan	
	Motor type		Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor	
	Model		DRN-310-75-8	DRN-310-75-8	DRN-310-90-8	DRN-310-90-8	DR-310-100-8-2	DR-310-100-8-2	
	Number of fans		1	1	1	1	2	2	
	Air flow	m3/h	3200	3200	4000	4000	6100	6100	
Air side heat exchanger	Number of rows		3	3	2	2.5	2	2	
	Tube pitch	mm	21×13.3	21×13.3	25×21.7	25×21.7	25×21.7	25×21.7	
	Tube dia. and type		Φ7 inner grooved copper	inner grooved copper	52 inner grooved copper	52 inner grooved copper	52 inner grooved copper	9.52 inner grooved copper	
	Fin space	mm	1.4	1.4	1.6	1.6	1.6	1.6	
	Fin type (code)		Hydrophilic aluminum	hydrophilic aluminum	hydrophilic aluminum	hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	
	Coil length	mm	784×651×40.11	784×651×40.11	1003×750×43.3	1003×750×43.3 + 580×750×21.65	995×1350×43.3	995×1350×43.3	
	Number of circuits		7	7	4	5	7	7	
Piping connections									
Liquid pipe	Type		Flaring	Flaring	Flaring	Flaring	Flaring	Flaring	
	Dia.(OD)	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	
Gas pipe	Type		Flaring	Flaring	Flaring	Flaring	Flaring	Flaring	
	Dia.(OD)	mm	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	
Max. piping length		m	20	20	20	50	50	50	
Max. height difference	Outdoor	m	10	10	10	20	20	20	
	Outdoor	m	10	10	10	20	20	20	
Refrigerant	Type		R32	R32	R32	R32	R32	R32	
	Quantity	kg	1.1	1.4	3	3.1	3.6	3.8	

	Throttle type		EXV	EXV	EXV	EXV	EXV	EXV
	Additional g		Total pipe length - 5)m *30g/m					
Ambient temperature range	Cooling	°C	-5~46°C					
	Heating	°C	-28~43°C					
	Sanitary	°C	-28~43°C					
Water temperature range	Cooling	°C	5~25°C					
	Heating	°C	25~60°C					
	Sanitary	°C	40~60°C					
*: 1. The rated heating conditions: water flow 0.172m <sup>3</sup> /(h·kW), ambient temperature 7°C DB, water inlet/outlet temperature 30/35°C.								
2. The rated cooling conditions: water flow 0.172m <sup>3</sup> /(h·kW), ambient temperature 35°C DB, water inlet/outlet temperature 12/7°C.								
3. Heating condition: water flow 0.172m <sup>3</sup> /(h·kW), ambient temperature 7°C, water inlet/outlet temperature 40/45°C.								
4. Cooling condition: water flow 0.172m <sup>3</sup> /(h·kW), ambient temperature 35°C, water inlet/outlet temperature 23/18°C.								