



Condenserless scroll chiller

EWLP-KBW1N



Scroll compressor

- › One of the most compact units on the market:
600mm x 600mm x 600mm
- › Low energy consumption
- › Low operating sound level
- › Easy installation and maintenance
- › Stainless steel plate heat exchanger

EWLP-KBW1N



Cooling only				EWLP-KBW1N	012	020	026	030	040	055	065
Cooling capacity	Nom.		kW	12.1 (1)	20.0 (1)	26.8 (1)	31.2 (1)	40.0 (1)	53.7 (1)	62.4 (1)	
Power input	Cooling	Nom.	kW	4.2 (2)	6.6 (2)	8.5 (2)	10.1 (2)	13.4 (2)	17.8 (2)	20.3 (2)	
Capacity steps number				1				2			
EER				2.88 (1)	3.03 (1)	3.15 (1)	3.09 (1)	2.99 (1)	3.02 (1)	3.07 (1)	
Dimensions	Unit	Height	mm	600							
		Width	mm	600							
		Depth	mm	600			1,200				
Weight	Unit		kg	108	141	147	151	252	265	274	
Water heat exchanger - evaporator	Minimum water volume in the system		l	62	103	134	155	205	268	311	
	Type			Braze plate							
	Water flow rate	Nom.	l/min	35	57	77	89	115	154	179	
Compressor	Type			Hermetically sealed scroll compressor							
	Quantity			1				2			
Sound power level	Cooling	Nom.	dB(A)	64			71	67		74	
Operation range	Evaporator	Cooling	Min. °CDB	-10							
			Max. °CDB	20							
	Condenser	Cooling	Min. °CDB	25							
			Max. °CDB	60							
Refrigerant	Type/ GWP			R-407C/ 1,773.9							
	Control			Thermostatic expansion valve							
	Circuits	Quantity		1				2			
Piping connections	Condenser water inlet/outlet (OD)			-							
	Evaporator water inlet/outlet (OD)			FBSP 25mm				FBSP 40mm			
	Evaporator water drain			Field installation							
Unit	Running current	Cooling	Nom. A	7.4	11.5	14.3	16.6	23.0	28.7	33.3	
		Max	A	9	14.5	18.5	22	28	36	40	
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/400							

(1) Cooling: entering evaporator water temp. 12°C; leaving evaporator water temp. 7°C; condensing temp. bubble 45°C; liquid temp. 40°C; standard: Eurovent 6/C/003; condensing temp. bubble corresponds to compressor discharge pressure. This power input includes an addition for the required evaporator pump power input. Its functioning relies on fluorinated greenhouse gases.

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