



Condenserless multi-scroll chiller, standard efficiency, standard sound

EWLQ-L-SS



Scroll compressor

- › Dual refrigerant circuit (4 scroll compressors) with single evaporator
- › For chilled water production, to be combined with a remote condensing unit
- › Compact design to allow easy indoor installation or retrofit operations
- › High efficiency and reliable scroll compressor
- › Stainless steel plate heat exchanger

EWLQ-L-SS



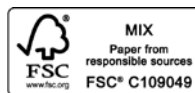
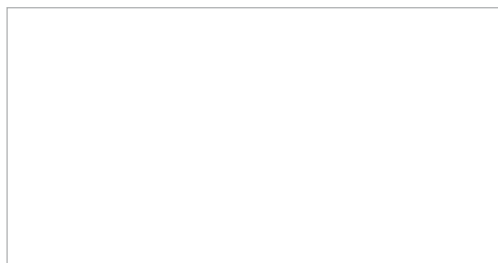
EWLQ-L-SS

Cooling only				EWLQ-L-SS	180	205	230	260	290	330	380	430	480	540	600	660	720	
Cooling capacity	Nom.		kW	173 (1)	197 (1)	224 (1)	249 (1)	279 (1)	317 (1)	361 (1)	409 (1)	459 (1)	511 (1)	571 (1)	624 (1)	676 (1)		
Power input	Cooling	Nom.	kW	44.3 (1)	51.1 (1)	57.9 (1)	65.6 (1)	73.2 (1)	83.8 (1)	93.5 (1)	108 (1)	119 (1)	135 (1)	152 (1)	168 (1)	184 (1)		
Capacity control	Method			Step														
	Minimum capacity		%	25.0	21.0	25.0	22.0	25.0	23.0	25.0	21.0	25.0	22.0	20.0	18.0	25.0		
EER				3.91 (1)	3.86 (1)	3.87 (1)	3.79 (1)	3.81 (1)	3.78 (1)	3.86 (1)	3.79 (1)	3.84 (1)	3.78 (1)	3.76 (1)	3.71 (1)	3.67 (1)		
Dimensions	Unit	Height	mm	1,970														
		Width	mm	928														
		Depth	mm	2,801														
Weight	Unit		kg	832	1,007	1,202	1,252	1,333	1,380	1,432	1,511	1,560	1,609	1,694	1,833	1,957		
	Operation weight		kg	894	1,081	1,292	1,345	1,436	1,486	1,547	1,638	1,690	1,741	1,844	1,990	2,120		
Water heat exchanger - evaporator	Water pressure drop	Cooling	Nom.	kPa	25		20	25	22	29		36	45	44	52	62		
	Type				Plate heat exchanger													
	Water volume			l	19	22	29		35		41	49		62				
	Water flow rate	Nom.		l/s	8.3	9.5	10.7	11.9	13.4	15.2	17.3	19.6	21.9	24.5	27.3	29.9	32.4	
Compressor	Type			Scroll compressor														
	Quantity			4														
Sound power level	Cooling	Nom.	dB(A)	83	86	88	90	91			93	95		96				
Sound pressure level	Cooling	Nom.	dB(A)	65	68	70	72	74		73	76	77		78				
Operation range	Evaporator	Cooling	Min.-Max.	°CDB	-10~-15													
	Condenser	Cooling	Min.-Max.	°CDB	30~60													
Refrigerant	Type / GWP			R-410A / 2,087.5														
	Circuits	Quantity		2														
Piping connections	Evaporator water inlet/outlet (OD)			3"														
Unit	Starting current	Max	A	263	320	333	388	403	456	484	597	626	785	822	860	898		
	Running current	Cooling	Nom.	A	78	84	90	102	114	128	141	161	176	199	223	246	269	
		Max	A	118	131	144	160	175	205	232	262	290	328	366	403	441		
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/400														

(1) Cooling: entering evaporator water temp. 12.0°C; leaving evaporator water temp. 7.0°C; condensing temperature 45.0°C, unit at full load operation.

(2) Its functioning relies on fluorinated greenhouse gases

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