



Condenserless
screw chiller,
standard
efficiency,
standard sound

EWLD-G-SS

R-134a



Screw compressor

- › Stepless single-screw compressor
- › 1-2 truly independent refrigerant circuits
- › DX shell and tube evaporator – one pass refrigerant side for easy oil circulation and return

- › Standard electronic expansion valve
- › Partial heat recovery available

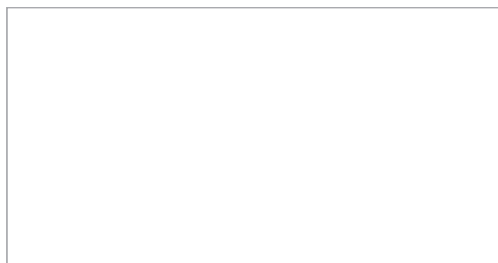
EWLD-G-SS



Cooling only				EWLD-G-SS	160	190	240	280	320	360	380	420	480	550			
Cooling capacity	Nom.		kW		160	188	243	269	315	350	379	426	474	524			
Power input	Cooling	Nom.	kW		46.2	55.3	66.9	75.7	92.3	101	110	122	133	151			
Capacity control	Method								Stepless								
	Minimum capacity		%		25.0				12.5								
EER					3.47	3.40	3.64	3.55	3.41	3.46	3.43	3.51	3.56	3.48			
Dimensions	Unit	Height	mm		1,860			1,880	1,942								
		Width	mm		1,000			1,100									
		Depth	mm		3,700			4,400									
Weight	Unit		kg		1,280		1,398	2,442	2,446		2,501		2,506				
	Operation weight		kg		1,337		1,516	2,560		2,670							
Water heat exchanger - evaporator	Type				Single pass shell and tube												
	Water volume		l		60	56	123	118	113		173		168				
Compressor	Water pressure drop	Cooling	Nom.	kPa	42	58	40	49	55	54	63	48	49	59			
	Type				Single screw compressor												
Sound power level	Cooling	Nom.	dBA		1			2									
				Quantity		88			90								
Sound pressure level	Cooling	Nom.	dBA		70			72									
				Quantity													
Operation range	Evaporator	Cooling	Min.	°CDB	-8												
			Max.	°CDB	15												
	Condenser	Cooling	Min.	°CDB	25												
			Max.	°CDB	60												
Refrigerant	Type/GWP				R-134a/1,430												
	Circuits	Quantity			1			2									
Piping connections	Condenser water inlet/outlet (OD)				-												
	Evaporator water inlet/outlet (OD)				88.9mm			114.3mm			139.7mm						
Unit	Starting current	Max	A		288			380	397		420		438				
				Running current	Cooling	Nom.	A	79	90	107	120	157	169	181	197	213	240
								Max	A	114	136	165	186	229	250	272	301
Power supply	Phase/Frequency/Voltage		Hz/V		3~/50/400												

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. Its functioning relies on fluorinated greenhouse gases

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