



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

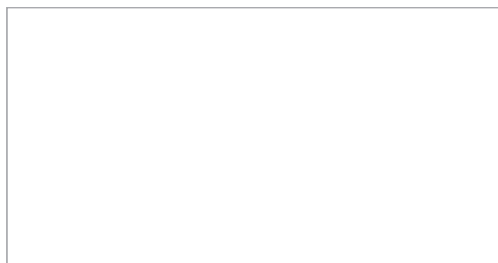
EWLD-G-SS



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	Type	Quantity		Single screw compressor													
				Quantity	1						2						
Sound power level	Cooling	Nom.	dBA	88						90							
Sound pressure level	Cooling	Nom.	dBA	70						72							
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	330	373
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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