



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	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		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	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
						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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