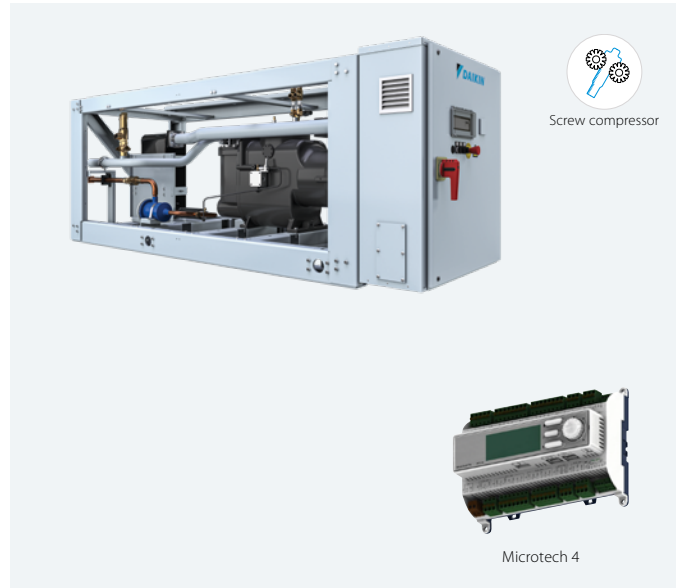


Condenserless screw chiller, standard efficiency, standard sound

- Compact design to allow easy indoor installation or retrofit operations
- Daikin semi-hermetic single screw stepless compressor
- **High energy efficiency both at full and part load conditions**
- Chilled water temperatures **down to -10°C** on standard unit
- Optimised for use with **R-134a**
- MicroTech 4 controller with superior control logic and easy interface



EWLD-J-SS

Cooling only		EWLD-J-SS		110	130	145	165	195	235	265
Cooling capacity	Nom.		kW	110	128	142	163	191	236	264
Power input	Cooling	Nom.	kW	31.2	38.4	43.8	50.4	56.0	66.0	75.3
Capacity control	Method			Stepless						
	Minimum capacity		%	25.0						
EER				3.51	3.33	3.25	3.24	3.42	3.58	3.51
Dimensions	Unit	Height	mm	1,020						
		Width	mm	913						
		Length	mm	2,684						
Weight	Unit		kg	1,124	1,141	1,237	1,263	1,305	1,489	1,489
	Operation weight		kg	1,138	1,159	1,253	1,281	1,327	1,518	1,518
Water heat exchanger - evaporator	Type			Plate heat exchanger						
	Water volume		l	14	18	14	17	20	26	26
	Water flow rate	Nom.	l/s	5.2	6.1	6.8	7.8	9.2	11.3	12.6
	Water pressure drop	Cooling	Nom. kPa	14	13	39	37	33	26	32
Compressor	Type			Single screw compressor						
	Quantity			1						
Sound power level	Cooling	Nom.	dBA	89.0						
Sound pressure level	Cooling	Nom.	dBA	79.0						
Operation range	Evaporator	Cooling	Min.~Max. °CDB	-10~-15						
	Condenser	Cooling	Min.~Max. °CDB	25~60						
Refrigerant	Type / GWP			R-134a/1,430						
	Circuits	Quantity		1						
Piping connections	Evaporator water inlet/outlet (OD)			76.2 mm						
Unit	Maximum Starting current		A	153		197		197	290	290
	Nominal running current (RLA)	Cooling	A	52	62	72	81	91	107	120
	Maximum running current		A	85	103	114	130	154	168	201
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/400						

Performances according to CSS software 10.34