



Air cooled screw
condensing
unit, standard
efficiency, low
sound

ERAD-E-SL

R-134a



Screw compressor

- › One refrigerant circuit with single screw compressor
- › Compact design
- › Large operation range (ambient temperature down to -18°C)

- › Extensive option list (heat recovery option available)

ERAD-E-SL



Cooling only				ERAD-E-SL	120	140	160	190	210	240	300	350	410	460	
Cooling capacity	Nom.		kW		116	137	159	187	209	243	298	352	409	462	
Power input	Cooling	Nom.	kW		42.4	52.5	57.7	66.3	73.9	78.1	91.9	122	150	167	
Capacity control	Method				Stepless										
	Minimum capacity		%		25.0										
EER					2.74	2.61	2.75	2.83		3.11	3.24	2.88	2.73	2.76	
Dimensions	Unit	Height	mm		2,273						2,223				
		Width	mm		1,292						2,236				
		Depth	mm		2,165		3,065		3,965		3,070				
Weight	Unit		kg		1,684		1,841		2,036		2,789				
	Operation weight		kg		1,717		1,881		2,081		2,886				
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler										
Compressor	Type				Single screw compressor										
	Quantity				1										
Fan	Type				Direct propeller										
	Air flow rate	Nom.	l/s		8,373	8,144	12,560	12,216	16,747	16,288	25,120		24,432		
	Quantity				2		3		4		6				
Fan motor	Speed	Cooling	Nom.	rpm	700										
Sound power level	Cooling	Nom.	dB(A)		89		90		91		92		93		
Sound pressure level	Cooling	Nom.	dB(A)		71										
Refrigerant	Type/GWP				R-134a/ 1,430										
	Circuits	Quantity			1										
Piping connections	Evaporator water inlet/outlet (OD)				76mm						139.7mm				
Unit	Starting current	Max	A		151		195		288		330		410		
		Running current	Cooling	Nom.	A	73	90	98	112	125	131	155	204	249	275
			Max	A	83	100	115	128	151	158	189	234	276	290	
Power supply	Phase/Frequency/Voltage		Hz/V		3~/50/400										

Cooling: evaporating temperature 7°C; ambient air temperature 35°C; unit at full load operation | Its functioning relies on fluorinated greenhouse gases

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



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