



Air cooled screw
condensing unit,
standard
efficiency,
standard sound

ERAD-E-SS

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-SS



Cooling only				ERAD-E-SS	120	140	170	200	220	250	310	370	440	490	
Cooling capacity	Nom.		kW		121	144	165	196	219	251	309	370	435	488	
Power input	Cooling	Nom.	kW		42.1	51.2	57.7	65.6	74.2	77.0	93.8	123	148	161	
Capacity control	Method			Stepless											
	Minimum capacity		%	25.0											
EER				2.88	2.82	2.86	2.99	2.95	3.27	3.30	3.02	2.95	3.02		
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	1,584		1,741			1,936			2,679			
	Operation weight		kg	1,617		1,781			1,981			2,756			
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	10,924	10,576	16,386	15,865	21,848	21,153	32,772		31,729			
	Quantity			2		3			4			6			
Fan motor	Speed	Cooling	Nom.	rpm	900										
Sound power level	Cooling	Nom.	dB(A)	92				93		94		95			
Sound pressure level	Cooling	Nom.	dB(A)	74				75				76			
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	72	88	98	110	125	129	158	204	244	266
			Max	A	86	103	119	132	157	164	198	242	284	298	
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

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