



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			
		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

For more information email info@daikinapplied.uk or visit www.daikinapplied.uk

London Sales Office
69 Questor Estate
Pearsons Way
Dartford, Kent
DA1 1JN
01322 424950

Head Office
Bassington Industrial Estate
Cramlington, Northumberland
NE23 8AF
01670 566159



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V. Printed on non-chlorinated paper.

