



Water cooled
screw chiller,
standard
efficiency,
standard sound

EWWD-G-SS

R-134a



Screw compressor

- › Stepless single-screw compressor
- › 1-2 truly independent refrigerant circuits
- › Standard electronic expansion valve

- › DX shell and tube evaporator – one pass refrigerant side for easy oil circulation and return
- › Partial and total heat recovery option available

EWWD-G-SS



Heating only & Cooling only				EWWD-G-SS	170	210	260	300	320	380	420	460	500	600					
Cooling capacity	Nom.			kW	165 (1)	200 (1)	252 (1)	279 (1)	332 (1)	370 (1)	401 (1)	446 (1)	492 (1)	554 (1)					
Heating capacity	Nom.			kW	209	253	319	357	420	467	506	566	626	710					
Power input	Cooling	Nom.			kW	43.8 (1)	52.6 (1)	67.4 (1)	78.5 (1)	87.5 (1)	96.4 (1)	105 (1)	119 (1)	134 (1)	157 (1)				
	Heating	Nom.			kW	43.8	52.6	67.4	78.5	87.5	96.4	105	119	134	157				
Capacity control	Method			Stepless															
	Minimum capacity			%	25.0					12.5									
EER					3.77 (1)	3.80 (1)	3.74 (1)	3.55 (1)	3.80 (1)	3.84 (1)	3.80 (1)	3.74 (1)	3.68 (1)	3.53 (1)					
ESEER					4.50	4.54	4.46	4.25	4.75	4.80	4.76	4.67	4.59	4.44					
COP					4.77	4.80	4.74	4.55	4.80	4.84	4.80	4.74	4.68	4.53					
IPLV					5.36	5.35	5.30	5.04	5.52	5.55	5.60	5.31	5.16						
Dimensions	Unit	Height	mm	1,860					1,880										
		Width	mm	920					860										
		Depth	mm	3,435					4,305										
Weight	Unit			kg	1,393	1,410	1,503	2,687	2,697	2,702	2,757	2,762							
		Operation weight		kg	1,470	1,480	1,650	2,840	2,850	2,860	2,970								
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														
Sound power level	Cooling	Nom.			dBA	88					90								
			Sound pressure level		dBA	70					72								
Operation range	Evaporator	Cooling	Min.	°CDB															
			Max.	°CDB	-8														
	Condenser	Cooling	Min.	°CDB	20														
			Max.	°CDB	55														
Refrigerant	Type/GWP			R-134a/1,430															
	Circuits	Quantity		2															
Refrigerant charge	Per circuit			kg	60.0					55.0									
	Per circuit			TCO ₂ Eq	85.8					78.7									
Piping connections	Evaporator water inlet/outlet (OD)			88.9					114.3					139.7mm					
	Condenser water inlet/outlet (OD)			5"															
Unit	Starting current			Max	288					380					397				
	Running current	Cooling	Nom.	A	75	85	105	122	149	160	171	190	209	242					
				Max	A	114	136	165	186	229	250	272	301	330	373				
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400														

(1) Cooling: entering evaporator water temp. 12°C; leaving evaporator water temp. 7°C; entering condenser water temp. 30°C; leaving condenser water temp. 35°C; full load operation. Equipment contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.

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



ECPEN15-463_1 03/15



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 leaflet 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 leaflet 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 leaflet. All content is copyrighted by Daikin Europe N.V.