

# Condenserless multi-scroll chiller, standard efficiency, standard sound

EWLQ-G-SS



Scroll compressor

- › Single refrigerant circuit (2 scroll compressors) with single evaporator
- › For chilled water production, to be combined with a remote condensing unit
- › Stainless steel plate heat exchanger
- › Compact design to allow easy indoor installation or retrofit operations
- › Conceived for stacked installation of two single circuit units to reduce the footprint
- › High efficiency and reliable scroll compressor

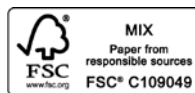
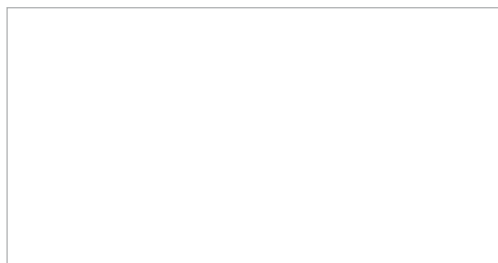
# EWLQ-G-SS



Cooling only				EWLQ-G-SS																								
				090	100	120	130	150	170	190	210	240	300	360														
Cooling capacity	Nom.			kW	86.5 (1)	98.4 (1)	110 (1)	125 (1)	139 (1)	160 (1)	181 (1)	206 (1)	231 (1)	290 (1)	346 (1)													
Power input	Cooling	Nom.		kW	22.4 (1)	25.8 (1)	29.2 (1)	33.0 (1)	36.8 (1)	42.0 (1)	47.0 (1)	54.2 (1)	59.9 (1)	75.6 (1)	91.8 (1)													
Capacity control	Method			Step																								
	Minimum capacity			%	50.0	43.0	50.0	44.0	50.0	45.0	50.0	43.0	50.0	40.0	50.0													
EER					3.86 (1)	3.81 (1)	3.78 (1)	3.79 (1)		3.80 (1)	3.86 (1)	3.80 (1)	3.85 (1)	3.84 (1)	3.77 (1)													
Dimensions	Unit	Height		mm	1,066									1,186														
		Width		mm	928																							
		Depth		mm	2,743																							
Weight	Unit		kg	494	578	686	714	742	773	807	838	852	967	1,046														
	Operation weight		kg	525	615	729	760	791	826	863	901	916	1,044	1,134														
Water heat exchanger - evaporator	Water pressure drop		Cooling	Nom.	kPa		44		35		29		31		33		30		38		41							
	Type			Plate heat exchanger																								
	Water volume				l	6		8		10		12		13		15		17		27		34						
	Water flow rate		Nom.		l/s		4.2		4.7		5.3		6.0		6.7		7.7		8.7		9.8		11.1		13.9		16.6	
Compressor	Type			Scroll compressor																								
	Quantity			2																								
Sound power level	Cooling	Nom.		dBA	80	83	85	87	88			90	92	93														
Sound pressure level	Cooling	Nom.		dBA	64	67	69	70	72			74	76		77													
Operation range	Evaporator	Cooling	Min.~Max.	°CDB	-10~15																							
	Condenser	Cooling	Min.~Max.	°CDB	30~60																							
Refrigerant	Type / GWP			R-410A / 2,087.5																								
	Circuits		Quantity		1																							
Piping connections	Evaporator water inlet/outlet (OD)			1" 1/2				2" 1/2				3"																
Unit	Starting current	Max		A	204	255	261	308	316	354	368	466	481.0	640	677													
		Running current	Cooling	Nom.	A	39	42	45	51	57	64	70	81	88	111	135												
	Max		A	59	66	72	80	88	102	116	131	145	183	221														
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400																							

(1) Cooling: entering evaporator water temp. 12.0°C; leaving evaporator water temp. 7.0°C; condensing temperature 45.0°C, unit at full load operation.  
 (2) 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)



ECPEN16-436 09/15



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](http://www.eurovent-certification.com) or using: [www.certiflash.com](http://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.