

Air cooled  
multi-scroll chiller,  
high efficiency,  
standard sound

EWAQ-G-XS



Scroll compressor

- › Single refrigerant circuit (2 scroll compressors) with single evaporator
- › Compact design to allow easy indoor installation or retrofit operations
- › Micro channel heat exchanger technology reduces the amount of refrigerant used in the system, lowering environmental impact
- › Partial and total heat recovery option available
- › Stainless steel plate heat exchanger

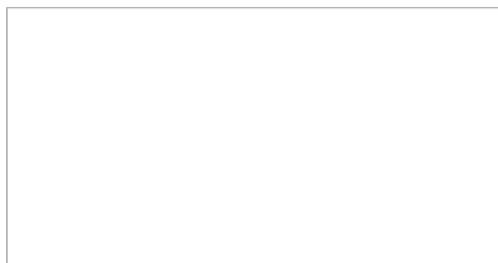
# EWAQ-G-XS



Cooling only				EWAQ-G-XS	080	090	105	115	130	150	
Cooling capacity	Nom.			kW	79.8 (1)	90.3 (1)	105 (1)	117 (1)	131 (1)	149 (1)	
Power input	Cooling	Nom.		kW	25.8 (1)	29.0 (1)	33.8 (1)	37.7 (1)	42.3 (1)	48.1 (1)	
Capacity control	Method				Step						
	Minimum capacity			%	50	44	50	44	50	43	
EER					3.10 (1)	3.11 (1)	3.12 (1)		3.10 (1)		
ESEER					4.20	4.30	4.28	4.34	4.22	4.36	
IPLV					4.82	5.04	4.96	5.02	4.92	5.05	
Dimensions	Unit	Height		mm	1,800				1,820		
		Width		mm	1,195						
		Depth		mm	2,680	3,200			3,800		
Weight	Unit			kg	734	850	991	1,020	1,086	1,123	
	Operation weight			kg	744	860	1,007	1,035	1,102	1,144	
Water heat exchanger	Type				Brazen plate						
	Water flow rate	Cooling	Nom.	l/s	3.8	4.3	5.0	5.6	6.3	7.1	
	Water pressure drop	Cooling	Nom.	kPa	25.7	32.7	20.3	19.9	25.4	20.6	
Air heat exchanger	Type				4.86					5.60	8.10
	Type				Microchannel						
Compressor	Type				Scroll compressor						
	Quantity				2						
Fan	Type				Direct propeller						
	Quantity				6		8		10		
	Air flow rate	Nom.		l/s	9,029	9,498	12,008		15,046		
Sound power level	Cooling	Nom.		dB(A)	1,360				89		
	Cooling	Nom.		dB(A)	84	85	87	71			
Sound pressure level	Cooling	Nom.		dB(A)	66	68	69				
	Operation range	Air side	Cooling	Min.-Max.	-10~45						
Refrigerant	Water side	Cooling	Min.-Max.	-10~15							
	Type/GMP				R-410A/2,0875						
Refrigerant charge	Circuits				1						
	Per circuit			kg	8.0		10.0		12.0		
Piping connections	Evaporator water inlet/outlet (OD)			TCO <sub>2</sub> eq	16.7		20.9		25.1		
	Unit				2" 1/2						
	Starting current	Max		A	210	261	268	315	324	362	
Power supply	Running current	Cooling	Nom.	A	52	56	61	69	76	87	
	Max			A	65	71	78	86	96	109	
Phase/Frequency/Voltage				Hz/V	3~/50/400						

(1) Cooling: entering evaporator water temp. 12°C; leaving evaporator water temp. 7°C; ambient air 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](http://www.daikin.eu) · BE 0412 120 336 · RPR Oostende (Responsible Editor)



ECPEN15-440\_3 07/15



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.