



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

EWAQ-G-SS



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

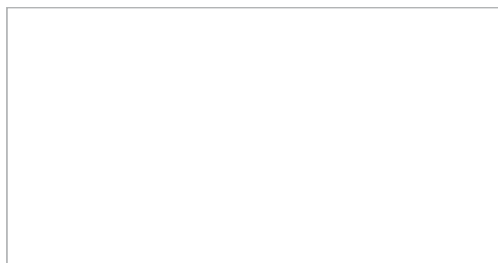
EWAQ-G-SS



Cooling only				EWAQ-G-SS	075	085	100	110	120	140	155		
Cooling capacity	Nom.			kW	74.7 (1)	84.2 (1)	96.7 (1)	107 (1)	117 (1)	139 (1)	154 (1)		
Power input	Cooling	Nom.		kW	27.7 (1)	31.2 (1)	35.0 (1)	39.5 (1)	43.4 (1)	51.1 (1)	57.2 (1)		
Capacity control	Method			Step									
	Minimum capacity			%	50	44	50	44	50	43	50		
EER					2.70 (1)		2.76 (1)	2.70 (1)		2.73 (1)	2.70 (1)		
ESEER					4.11	4.23	4.04	4.12	3.91	4.20	4.06		
IPLV					4.79	4.97	4.78	4.86	4.66	4.92	4.78		
Dimensions	Unit	Height		mm	1,800								
		Width		mm	1,195								
		Depth		mm	2,140	2,680			3,200				
Weight	Unit			kg	681	792	923	953	982	1,037	1,066		
	Operation weight			kg	692	802	934	963	993	1,054	1,085		
Water heat exchanger	Type			Brazed plate									
	Water flow rate	Cooling	Nom.	l/s	3.6	4.0	4.6	5.1	5.6	6.7	7.4		
	Water pressure drop	Cooling	Nom.	kPa	15.5	27.3	36.9	31.6	36.0	27.5	25.8		
	Water volume				l	5.60	4.90		5.60		8.10	9.40	
Air heat exchanger	Type			Microchannel									
Compressor	Type			Scroll compressor									
	Quantity			2									
Fan	Type			Direct propeller									
	Quantity			4				6		8			
	Air flow rate	Nom.		l/s	6,017	6,444		9,029		12,008			
	Speed			rpm	1,360								
Sound power level	Cooling	Nom.		dB(A)	83	85	87	89					
Sound pressure level	Cooling	Nom.		dB(A)	66	68	69	71					
Operation range	Air side	Cooling	Min.-Max.	°CDB	-10~42								
	Water side	Cooling	Min.-Max.	°CDB	-10~15								
Refrigerant	Type/GWP			R-410A / 2,087.5									
	Circuits			Quantity	1								
Refrigerant charge	Per circuit			kg	8.0		10.0		12.0				
				TCO ₂ eq	16.7		20.9		25.1				
Piping connections	Evaporator water inlet/outlet (OD)			2" 1/2									
Unit	Starting current			A	208	259	266	313	321	361	374		
	Running current	Cooling	Nom.	A	54	58	62	70	79	89	102		
		Max			A	64	69	77	84	92	108	122	
Power supply	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.

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