



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

EWAQ-F-XS/XL



Scroll compressor

- › Reliable and efficient scroll compressors with high EER values
- › A series of advantages thanks to the use of large-capacity scroll compressors: increased competitiveness, reduced weight, clearances around the unit
- › 2 truly independent refrigerant circuits
- › Reduced footprint thanks to the V-shaped frame
- › Large operation range: ambient temperatures up to 52°C and down to -18°C

EWAQ-F-XS/XL



Cooling only				EWAQ-F-XS/XL														
				170	200	220	250	310	320	350	360	400	430	450	520	610	680	
Cooling capacity	Nom.			kW														
Power input	Cooling	Nom.		kW														
Capacity control	Method	Step																
	Minimum capacity			%														
EER			3.11 3.13 3.12 3.09 3.10 3.12 3.10 3.07															
ESEER			3.90 4.10 3.95 4.08 4.04 4.30 4.05 4.33 4.24 4.27 4.23 4.35 4.30 4.23															
IPLV			4.56 4.76 4.67 4.70 4.67 4.60 4.64 4.80 4.72 4.65 4.61 4.95 4.82 4.68															
Dimensions	Unit	Height			mm													
		Width			mm													
		Depth			mm													
Weight (XS)	Unit			kg														
	Operation weight			kg														
Weight (XL)	Unit			kg														
	Operation weight			kg														
Water heat exchanger	Type	Plate heat exchanger																
	Water volume			l														
	Water flow rate	Cooling	Nom.		l/s													
	Water pressure drop	Cooling	Nom.		kPa													
Air heat exchanger	Type	High efficiency fin and tube type with integral subcooler																
Compressor	Type	Scroll compressor																
	Quantity			4 6														
Fan	Type	Direct propeller																
	Quantity			4 5 6 8 10 12														
	Air flow rate	Nom.		l/s														
Sound power level (XS)	Cooling	Nom.			dBA													
					91 93 94 95 96 97 98 99 100													
Sound power level (XL)	Cooling	Nom.			dBA													
					90 91 92 93 95 96 97 98 99													
Sound pressure level (XS)	Cooling	Nom.			dBA													
					72 74 75 76 77 76 77 78 79 78 79													
Sound pressure level (XL)	Cooling	Nom.			dBA													
					71 73 74 75 76													
Operation range	Water side	Cooling	Min.-Max.		°CDB													
	Air side	Cooling	Min.-Max.		°CDB													
Refrigerant	Type / GWP	R-410A / 2,087.5																
	Circuits	Quantity		2														
Refrigerant charge	Per circuit			kg														
	Per circuit			TCO ₂ Eq														
Piping connections	Evaporator water inlet/outlet (OD)			3"														
Unit	Maximum starting current			A														
	Nominal running current (RLA)	Cooling			A													
	Maximum running current			A														
Power supply	Phase/Frequency/Voltage			Hz/V														

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



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