



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																			
ESEER																			
IPLV																			
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																		
Fan	Type			Direct propeller															
	Quantity																		
	Air flow rate	Nom.			l/s														
	Speed			rpm															
Sound power level (XS)	Cooling	Nom.			dBA														
Sound power level (XL)	Cooling	Nom.			dBA														
Sound pressure level (XS)	Cooling	Nom.			dBA														
Sound pressure level (XL)	Cooling	Nom.			dBA														
Operation range	Water side	Cooling	Min.~Max.			°CDB													
	Air side	Cooling	Min.~Max.			°CDB													
Refrigerant	Type / GWP			R-410A / 2,087.5															
	Circuits			Quantity															
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), 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

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