

Water cooled  
centrifugal chiller,  
high efficiency,  
standard sound

EWWD-FZXS



**R-134a**



Inverter



Centrifugal  
compressor

- › Totally oil-free operation resulting in reduced maintenance costs and increased reliability
- › An inverter driven compressor allows the capacity to be adjusted precisely to match variations in room and outside temperatures

- › Onboard digital electronics provide smart controls

# EWWD-FZXS



Cooling only				EWWD-FZXS	320	430	520	640	860	C10		
Cooling capacity	Min.		kW	113	133	170	113	133	169			
	Max.		kW	316	439	520	639	887	1,054			
Power input	Cooling	Min.	kW	20.6	25.5	32.7	20.5	25.5	32.6			
		Max.	kW	65.1	90.4	106	129	179	208			
Capacity control	Method			Stepless								
EER				4.85	4.86	4.93	4.97	4.95	5.06			
ESEER				8.11	8.39	8.66	8.83	8.52	8.88			
IPLV				9.25	9.64	9.89	9.50	9.74	10.06			
Dimensions	Unit	Height	mm	1,823			1,755	1,748	1,794			
		Width	mm	1,276			1,790	1,853	1,904			
		Depth	mm	3,254		3,419	3,441	3,289	3,401			
Weight	Unit			kg	2,360	2,416	2,546	3,709	4,095	4,765		
	Operation weight				kg	2,520	2,634	2,812	4,074	4,548	5,330	
Water heat exchanger - evaporator	Type		Flooded shell and tube									
	Water volume			l	78	107	134	184	210	302		
Compressor	Type	Cooling	Nom.	kPa	Water pressure drop		33	35	33	31		
					Oil free centrifugal compressor							
Sound power level	Cooling	Nom.			dBA	89	90	91	92	94	95	
					dBA	71	72	73	74	75	76	
Operation range	Evaporator	Cooling	Min.	°CDB	2							
			Max.	°CDB	15							
	Condenser	Cooling	Min.	°CDB	18							
			Max.	°CDB	46							
Refrigerant	Type/GWP			R-134a/1,430								
Refrigerant charge	Per circuit			kg	240.0	220.0	180.0	220.0	300.0			
				TCO <sub>2</sub> eq	343.2	314.6	257.4	314.6	429.0			
Piping connections	Evaporator water inlet/outlet (OD)		168.3mm			219.1mm			273mm			
	Condenser water inlet/outlet (OD)		168.3mm			219.1mm						
Unit	Starting current		Max		A	2						
	Running current	Cooling	Nom.			A	104	142	168	207	285	335
				Max		A	135	210	176	270	420	352
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/400						

(1) Equipment contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.  
 (2) Cooling: entering evaporator water temp. 12°C; leaving evaporator water temp. 7°C; ambient air temp. 35°C; full load operation.

For more information email [info@daikinapplied.uk](mailto:info@daikinapplied.uk) or visit [www.daikinapplied.uk](http://www.daikinapplied.uk)

**London Sales Office**  
 69 Questor Estate  
 Pearsons Way  
 Dartford, Kent  
 DA1 1JN  
 01322 424950

**Head Office**  
 Bassington Industrial Estate  
 Cramlington, Northumberland  
 NE23 8AF  
 01670 566159



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 publication 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 publication 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 publication. All content is copyrighted by Daikin Europe N.V. Printed on non-chlorinated paper.

