

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

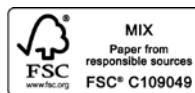
EWWD-FZXS



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	Water pressure drop		Cooling	Nom.	kPa	30	32	33	35	33	31
	Type			Oil free centrifugal compressor							
Sound power level	Quantity				1		2				
	Cooling	Nom.			dB(A)	89	90	91	92	94	95
Sound pressure level	Quantity				dB(A)	71	72	73	74	75	76
	Evaporator	Cooling	Min.	°CDB	2						
Max.			°CDB	15							
Condenser	Cooling	Min.	°CDB	18							
		Max.	°CDB	46							
Refrigerant	Type/GWP			R-134a/1,430							
	Circuits		Quantity		1						
Refrigerant charge	Per circuit				kg	240.0	220.0	180.0	220.0	300.0	
					TCO ₂ 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.

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ECPEN15-467 03/15



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