



V-shape

EWAQ-GZ



W-shape

EWAQ-GZ



MicroTech III

- > In-house designed DC-inverter scroll compressor, unique in the market and based on the latest Daikin technology development
- > Built-in redundancy (up to 12 compressors)
- > Highest ESEER in its class (up to 5)
- > Low inrush current
- > Seasonal quietness



## Cooling only

## High efficiency Standard sound

EWAQ-GZXS				210	270	320	340	400	
Cooling capacity	Nom.		kW	201	270	323	340	395	
	Cooling	Nom.	kW	72.5	94.0	122	117	144	
Capacity control	Method			Stepless					
	Minimum capacity		%	14.4	14.3	14.9	14.3	14.8	
EER				2.77	2.87	2.64	2.92	2.75	
ESEER				4.79	4.89	4.90	4.77	4.78	
Dimensions	Unit	HeightxWidthxDepth	mm	2,270x1,290x4,450		2,223x2,234x3,560		2,223x2,234x4,460	
Weight	Unit		kg	1,600	2,100	2,150	2,400	2,500	
	Operation weight		kg	1,677	2,233	2,297	2,575	2,688	
Water heat exchanger	Type			Plate heat exchanger					
	Water volume		l	29	61	75	79	92	
	Nominal water flow	Cooling	l/s	9.6	12.9	15.4	16.3	18.9	
	Nominal water pressure drop	Cooling	Total	kPa	27	14	15	16	18
Air heat exchanger	Type			High efficiency fin and tube type with integral subcooler					
Compressor	Type			DC Inverter Scroll					
	Quantity			6	8	10		12	
Fan	Type			Direct propeller					
	Quantity			4	6		8		
	Air flow rate	Nom.		l/s	17,473		26,209		34,946
	Speed			rpm					
Sound power level	Cooling	Nom.		dBA	92		94		96
	Sound pressure level			dB(A)					
Operation range	Water side	Cooling	Min.~Max.	°CDB					
	Air side	Cooling	Min.~Max.	°CDB					
Refrigerant	Type			R-410A					
	Circuits	Quantity		1	2		2		
Refrigerant circuit	Charge		kg	48	72		96		
Piping connections	Evaporator water inlet/outlet (OD)			2.5"		4.5"			
Power supply	Phase/Frequency/Voltage			Hz/V					
				3~/50/400					



Cooling only

High efficiency  
Reduced sound

EWAQ-GZXR				190	270	320	340	390		
Cooling capacity	Nom.			kW	196	264	315	334	386	
	Cooling	Nom.			kW	73.3	94.8	124	145	
Capacity control	Method			Stepless						
	Minimum capacity			%	14.4	14.3	14.9	14.3	14.8	
EER				2.68	2.79	2.53	2.86	2.65		
ESEER				4.88	4.95	5.05	5.07			
Dimensions	Unit	HeightxWidthxDepth	mm	2,270x1,290x4,450	2,223x2,234x3,560		2,223x2,234x4,460	2,223x2,241x4,460		
Weight	Unit			kg	1,618	2,124	2,180	2,430	2,536	
	Operation weight			kg	1,695	2,257	2,327	2,605	2,724	
Water heat exchanger	Type			Plate heat exchanger						
	Water volume			l	29	61	75	79	92	
	Nominal water flow			Cooling	l/s	9.4	12.6	15.0	16.0	18.5
	Nominal water pressure drop			Cooling	Total	kPa	26	14	15	17
Air heat exchanger	Type			High efficiency fin and tube type with integral subcooler						
Compressor	Type			DC Inverter Scroll						
	Quantity				6	8	10	12		
Fan	Type			Direct propeller						
	Quantity				4	6	8			
	Air flow rate			Nom.	l/s	15,131	22,697	30,263		
	Speed				rpm	715				
Sound power level	Cooling	Nom.		dBA	89	91	92			
Sound pressure level	Cooling	Nom.		dBA	72	74	75			
Operation range	Water side	Cooling	Min.~Max.	°CDB	-8~-20					
	Air side	Cooling	Min.~Max.	°CDB	-18~-43					
Refrigerant	Type			R-410A						
	Circuits	Quantity			1	2		96		
Refrigerant circuit	Charge			kg	48	72	96			
Piping connections	Evaporator water inlet/outlet (OD)				2.5"	4.5"				
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400					