



EUWA(N-P-B)-KBZW1



μC<sup>2</sup>SE

- > Daikin scroll compressor
- > Reduced installation time thanks to integrated pump and/or buffer tank
- > Possibility for a 200l buffer tank
- > Low operating sound level
- > Easy maintenance
- > Main switch
- > Water flow switch
- > 3 different design options available:
  - EUWAN chiller without integrated hydraulic module;
  - EUWAP chiller with integrated hydraulic module (pump, expansion vessel, hydraulic components);
  - EUWAB chiller with integrated hydraulic module (buffer tank, pump, expansion vessel, hydraulic components)



## Cooling only

EUWA-KBZW1				N5	P5	B5	N8	P8	B8	N10	P10	B10	N12	P12	B12	N16	P16	B16	N20	P20	B20	N24	P24	B24													
Cooling capacity	Nom.			kW			11.2	11.7	17.7	18.2	22.3	22.9	26.2	26.8	34.4	35.4	46.4	47.5	55.0	56.1																	
	Power input	Cooling	Nom.	kW			4.56	4.59	7.44	7.39	8.87	8.88	11.7			14.90	15.1	18.1	18.2	24.1	24.2																
Capacity steps				%			0-100									0-50-100																					
EER							2.46	2.55	2.38	2.46	2.51	2.58	2.24	2.29	2.31	2.34	2.56	2.61	2.28	2.32																	
Dimensions		Unit	HeightxWidthxDepth	mm			1,230x1,290x734						1,450x1,290x734						1,321x2,580x734						1,541x2,580x734												
Weight	Unit			kg			150	168	180	215	229	241	245	259	271	248	262	274	430	448	460	490	508	520	496	514	526										
	Operation weight			kg			152	171	239	218	232	300	248	262	330	251	265	335	436	457	525	496	518	545	503	524	592										
Water heat exchanger	Type			Braze plate																																	
	Water volume		l		1.14			1.615			1.9			2.375			2.964			3.9			4.524														
	Nominal water flow	Cooling	l/min		32			51			64			76			99			134			158														
		Nominal water pressure drop		Cooling	Heat exchanger kPa		24			38			43			37			22																		
Air heat exchanger				Cross fin coil/Hi-X tubes and PE coated waffle louvre fins																																	
Hydraulic components		Expansion vessel		Volume		l		-		12		-		12		-		12		-		12		-		12		-		12							
Pump		Nominal ESP unit		Cooling		kPa		-		209		-		128		-		138		-		105		-		240		-		195		158					
Compressor				Hermetically sealed scroll compressor																																	
Fan		Type		Axial																																	
Fan group		Air flow rate		Cooling		Nom.		m <sup>3</sup> /min		160 (per 2 fans)						170 (per 2 fans)																					
Sound power level		Cooling		Nom.		dBA		67						76						78						79						81					
Operation range				Water side		Cooling		Min.-Max. °CDB		-10~25																											
Refrigerant				Air side		Cooling		Min.-Max. °CDB		-15~43																											
Refrigerant circuit				Type		R-407C																															
Water circuit				Control		Thermostatic expansion valve																															
Power supply		Phase/Frequency/Voltage		Hz/V		3N~/50/400																															