



EWAQ-BAWN/BAWP



BRC21A52



- > High efficiency with leader-of-class ESEER
- > Minimal starting currents and short payback times
- > No buffer tank required for standard applications
- > Daikin scroll compressor
- > Large operation range (ambient temperature up to 43°C)
- > EWAQ-BAWN: naked version
- > EWAQ-BAWP: version with pump



Cooling only

EWAQ-BAWN/BAWP					016		021		025		032		040		050		064															
Cooling capacity	Nom.				kW		17.4 (1)	16.6 (2)	21.7 (1)	20.7 (2)	25.8 (1)	24.7 (2)	32.3 (1)	30.9 (2)	43.4 (1)	41.5 (2)	51.8 (1)	49.7 (2)	64.5 (1)	62.3 (2)												
	Cooling				kW		5.60 (1)	5.80 (2)	7.25 (1)	7.59 (2)	9.29 (1)	9.74 (2)	13.0 (1)	13.5 (2)	14.7 (1)	15.4 (2)	18.8 (1)	19.7 (2)	26.4 (1)	27.4 (2)												
Capacity control	Method				Inverter controlled																											
	Minimum capacity				%																											
EER							3.11 (1)	2.86 (2)	2.99 (1)	2.73 (2)	2.78 (1)	2.54 (2)	2.48 (1)	2.29 (2)	2.95 (1)	2.69 (2)	2.76 (1)	2.52 (2)	2.44 (1)	2.27 (2)												
ESEER							4.33 (1)	4.21 (2)	4.08 (1)	4.18 (2)	3.85 (1)	4.04 (2)	3.39 (1)	3.62 (2)	4.19 (1)	4.24 (2)	3.96 (1)	4.12 (2)	3.64 (1)	3.78 (2)												
Dimensions	Unit		HeightxWidthxDepth		mm				1,684x1,371x774				1,684x1,684x774				1,684x2,358x780				1,684x2,980x780											
	Weight		Unit		kg		264				317				397				571				730									
Water heat exchanger	Type				Brazed plate																											
	Water volume		l		1.9				2.9				3.8				5.7															
Nominal water flow	Cooling		l/min		50				62				74				93				124				148				185			
	Nominal water pressure drop		kPa		20				30				42				30				42				30							
Air heat exchanger	Type				Hi-XSS																											
	Compressor				Hermetically sealed scroll compressor																											
Fan	Type				Axial																											
	Quantity				1																											
Sound power level	Air flow rate		Cooling		Nom.		m ³ /min		171				185				233				370				466							
	Cooling		Nom.		dBA		78																									
Operation range	Water side		Cooling		Min.~Max.		°CDB		5~20																							
	Air side		Cooling		Min.~Max.		°CDB		-5~43																							
Refrigerant	Type				R-410A																											
	Charge		kg		7.6				9.6				15.2				19.2															
Water circuit	Control				Electronic expansion valve																											
	Circuits		Quantity		1																											
Piping connections diameter	Piping				1-1/4" (female)								2" (female)																			
	Piping				1-1/4"																											
Power supply	Phase/Frequency/Voltage				Hz/V																											
					3N~/50/400																											

(1) EWAQ-BAWN: Naked version (2) EWAQ-BAWP: Version with pump