

# Air cooled mini inverter chiller

EWAQ-BVP



Inverter



Swing compressor

- › Top product in terms of energy efficiency and operation range
- › All capacities available in 2 versions: standard version and version with OP10 option (no freeze up of water when not in operation thanks to the water piping heater tape)
- › Amongst the most quiet units in the market (63dBA - sound power)
- › Built-in Hydraulic kit: no buffer tank required,

standard inverter driven pump, main flow sensor and switch included.

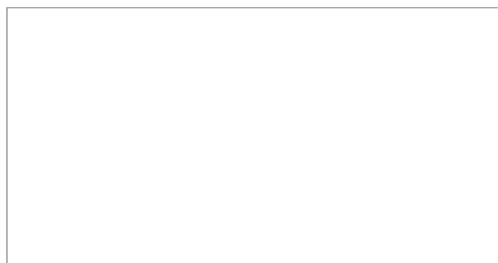
- › Standard wired remote control enables setting of different set points (cooling, heating, water leaving temperature) or based on outdoor conditions (weather dependent control). It has an alarm history, night time noise reduction function and is language based.

# EWAQ-BVP



Cooling only				EWAQ-BVP	004	005
Cooling capacity	Nom.				4.00 / 4.01	4.93 / 5.07
Power input	Cooling	Nom.			1.27 / 0.840	1.61 / 1.12
Capacity control	Method				Variable (inverter)	
EER					3.14 / 4.80	3.06 / 4.51
ESEER					4.45	4.49
Dimensions	Unit	Height		mm	735	
		Width		mm	1,090	
		Depth		mm	350	
Weight	Unit			kg	83	
Water heat exchanger	Type				Braze plate	
	Water flow rate	Cooling	Nom.	l/min	11.5 / 11.5	14.1 / 14.5
	Water volume			l	1	
Air heat exchanger	Type				Cross fin coil/Hi-X tubes and chromate coated waffle louvre fins	
Pump Standard	Nominal ESP unit	Cooling		kPa	73.8 / 73.8	71.1 / 70.6
Hydraulic components	Expansion vessel	Volume		l	3	
Compressor	Type				Hermetically sealed swing compressor	
	Quantity				1	
Fan	Type				Propeller fan	
	Quantity				1	
	Air flow rate	Cooling	Nom.	m <sup>3</sup> /min	53	
Sound power level	Cooling	Nom.		dB(A)	63	64
Sound pressure level	Cooling	Nom.		dB(A)	48	49
	Night quiet mode	Cooling		dB(A)	44	
Operation range	Air side	Cooling	Min.~Max.	°CDB	10~43	
	Water side	Cooling	Min.~Max.	°CDB	5~22	
Refrigerant	Type				R-410A	
	Circuits	Quantity			1	
	Control				Electronic expansion valve	
	GWP				2,088	
Refrigerant charge	Per circuit			kg	2.10	
				TCO <sub>2</sub> eq	4.4	
Water circuit	Piping			inch	1" MBSP	
Unit	Starting current	Max		A	15.7	
	Running current	Max		A	15.7	
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/230	

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