



# Air cooled mini inverter heat pump

EWYQ-ADVP



**R-410A**



Inverter



Swing compressor

- › Inverter technology to ensure low sound values and leader-of-class ESEER
- › Wide operating range
- › Easy 'plug and play' installation
- › Single phase power supply and low starting currents make the unit ideal for residential applications

- › Built-in hydronic module: no buffer tank required and a standard pump and main switch are included

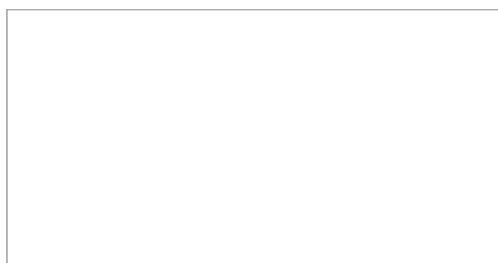
# EWYQ-ADVP



Heating & Cooling		EWYQ-ADVP			005	006	007		
Cooling capacity	Nom.				kW	5.28 (1)	6.08 (1)	7.18 (1)	
Heating capacity	Nom.				kW	6.02 (2) / 5.57 (3)	6.72 (2) / 6.27 (3)	8.18 (2) / 7.67 (3)	
Power input	Cooling	Nom.				kW	1.94 (1)	2.40 (1)	3.00 (1)
	Heating	Nom.				kW	1.65 (2) / 2.02 (3)	1.89 (2) / 2.29 (3)	2.41 (2) / 2.88 (3)
Capacity control	Method				Inverter controlled				
EER					2.72 (1)	2.53 (1)	2.39 (1)		
COP					3.65 (2) / 2.76 (3)	3.58 (2) / 2.74 (3)	3.39 (2) / 2.66 (3)		
Dimensions	Unit	Height				mm	805		
		Width				mm	1,190		
		Depth				mm	360		
Weight	Unit				kg	100			
					Operation weight	kg	104		
Water heat exchanger	Type				Braze plate				
	Water flow rate	Cooling	Nom.				l/min	14.9	17.2
Heating		Nom.				l/min	17.5	19.5	23.5
Air heat exchanger	Type				Tube type				
Pump Standard	Nominal ESP unit	Cooling				kPa	49.4	45.1	38.3
		Heating				kPa	44.5	40.3	30.7
Hydraulic components	Expansion vessel	Volume			l	6			
Compressor	Type				Hermetically sealed swing compressor				
	Quantity				1				
Fan	Type				Propeller fan				
	Quantity				1				
Sound power level	Cooling	Nom.				dB(A)	62		63
Sound pressure level	Cooling	Nom.				dB(A)	48		50
	Heating	Nom.				dB(A)	48		49
Operation range	Air side	Cooling	Min.-Max.				°CDB	10~43	
		Heating	Min.-Max.				°CDB	-15~25	
	Water side	Cooling	Min.-Max.				°CDB	5~20	
		Heating	Min.-Max.				°CDB	25~50	
Refrigerant	Type/ GWP				R-410A/ 2,087.5				
	Circuits	Quantity			1				
	Control				Inverter				
Refrigerant charge	Per circuit				kg	1.7			
					TCO <sub>2</sub> eq	3.5			
Water circuit	Piping connections diameter			inch	1" MBSP				
Piping connections	Water heat exchanger drain				5/16 SAE flare				
Unit	Running current			Max	A				
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230				

(1) Tamb 35°C - LWE 7°C (DT=5°C) (2) DB/WB 7°C/6°C - LWC 35°C (DT=5°C) (3) DB/WB 7°C/6°C - LWC 45°C (DT=5°C) | Equipment contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.

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