



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

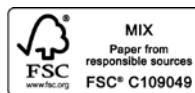
EWYQ-ADVP



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)	
Space heating	Average climate water outlet 35°C	General	η _s (Seasonal space heating efficiency)	%	133			
					SCOP	3.39	3.40	3.41
						Seasonal space heating eff. class		
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	20.4
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				
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 ₂ eq	3.5			
Water circuit	Piping connections diameter			inch				
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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ECPEN16-421_3

02/16



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