



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

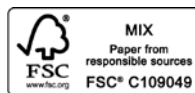
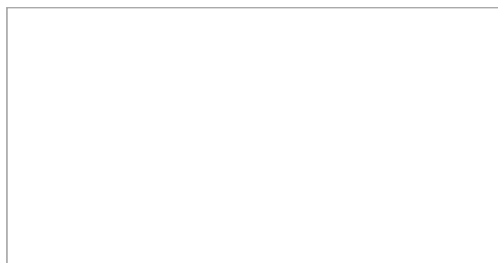
EWYQ-ADVP



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	ηs (Seasonal space heating efficiency)	%	133				
					SCOP	3.39	3.40	3.41	
					Seasonal space heating eff. class	A+			
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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