



EWAQ-ADVP/ACV3/ACW1



Digital controller



- > **High efficiency with leader-of-class ESEER**
- > Low operating sound level
- > Integrated hydronics
- > Easy 'plug and play' installation
- > Wide operating range
- > Main switch accessible without removing panels (009-013)

Cooling only

EWAQ-ADVP/ACV3/ACW1				EWAQ005ADVP	EWAQ006ADVP	EWAQ007ADVP	EWAQ009ACV3	EWAQ010ACV3	EWAQ011ACV3	EWAQ009ACW1	EWAQ011ACW1	EWAQ013ACW1
Cooling capacity	Nom.		kW	5.2 (2)	6.0 (2)	7.1 (2)	12.2 (1) / 8.6 (2)	13.6 (1) / 9.6 (2)	15.7 (1) / 11.1 (2)	12.9 (1) / 9.1 (2)	15.7 (1) / 11.1 (2)	17.0 (1) / 13.3 (2)
Power input	Cooling	Nom.	kW	1.89 (2)	2.35 (2)	2.95 (2)	2.85 (1) / 2.83 (2)	3.41 (1) / 3.28 (2)	4.13 (1) / 3.90 (2)	3.08 (1) / 3.05 (2)	4.13 (1) / 3.90 (2)	5.52 (1) / 5.18 (2)
Capacity control	Method			Inverter controlled								
EER				2.75 (2)	2.55 (2)	2.41 (2)	4.27 (1) / 3.05 (2)	4.00 (1) / 2.93 (2)	3.79 (1) / 2.85 (2)	4.19 (1) / 2.99 (2)	3.79 (1) / 2.85 (2)	3.08 (1) / 2.57 (2)
ESEER				-			4.31	4.30	4.33	4.43	4.44	4.36
Dimensions	Unit	HeightxWidthxDepth	mm	805x1,190x360			1,435x1,418x382					
Weight	Unit			kg			180					
	Operation weight			kg			104					
Water heat exchanger	Type			Brazen plate								
	Water volume			l								
	Nominal water flow	Cooling	l/min	14.9	17.2	20.4	24.7 (2)	27.6 (2)	31.9 (2)	26.1 (2)	31.9 (2)	38.2 (2)
Air heat exchanger	Type			Tube type								
Pump	Nominal ESP unit	Cooling	kPa	49.4	45.1	38.3	58.0	54.6	49.1	56.4	49.1	40.9
Hydraulic components	Expansion vessel	Volume		l								
Compressor	Type			Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
	Quantity			1								
Fan	Type			Propeller fan								
	Quantity			1			2					
	Air flow rate	Cooling	Nom. m ³ /min	-			96	100	97	-		
Fan motor	Speed	Cooling	Nom. rpm	-			780					
		Steps	-			8						
Sound power level	Cooling	Nom.	dBA	62	63	64 (2)			66 (2)			
Sound pressure level	Cooling	Nom.	dBA	48	50	51 (2)			52 (2)			
	Night quiet mode	Cooling	dBA	-			45			46		
Operation range	Water side	Cooling	Min.~Max. °CDB	5~20			5~22					
	Air side	Cooling	Min.~Max. °CDB	10~43			10~46					
Refrigerant	Type			R-410A								
	Charge			kg			1.7					
	Control			Inverter			Electronic expansion valve					
	Circuits	Quantity					1					
Piping connections	Water heat exchanger inlet / outlet			1" MBSP			G 5/4" (female)					
	Water heat exchanger drain			5/16 SAE flare			5/4"					
Power supply	Phase/Frequency/Voltage		Hz/V				1~/50/230			3N~/50/400		

(1) Underfloor program: cooling Ta 35°C - LWE 18°C. (Dt: 5°C) (2) Fan coil program: cooling Ta 35°C - LWE 7°C. (Dt: 5°C)