

Chillers

The ultimate in
reliability and flexibility



Air cooled mini inverter chiller

- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Inverter chiller
- Hermetically sealed swing inverter compressor
- New casing for the outdoor units
- Separate MMI-2 controller for indoor installation



EWAA-EWYA-D_R

Cooling Only					EWAA	011DW1P	014DW1P	016DW1P
Space cooling	A Condition	Pdc			kW	11.6	128	14.0
	35°C							
	ηs,c				%	229	226	221
SEER						5.79(3)	5.71(3)	5.59(3)
Cooling capacity	Nom.				kW	116(1)/115(2)	128(1)/127(2)	140(1)/15.3(2)
Power input	Cooling	Nom.			kW	3.56(1)/2.17(2)	4.06(1)/2.51(2)	4.58(1)/3.24(2)
Capacity control	Method					Variable (inverte-r)		
EER						3.26(1)/5.31(2)	3.16(1)/5.04(2)	3.06(1)/4.74(2)
Dimensions	Unit	Height			mm	870		
		Width			mm	1,380		
		Depth			mm	460		
Weight	Unit				kg	147		
Water heat exchanger	Type					Plate heat exchanger		
	Water volume				l	2		
Air heat exchanger	Type					High efficiency fin and tube type with integral subcooler		
Compressor	Type					Hermetically sealed swing inverter compressor		
	Quantity					1		
Fan	Type					Propeller fan		
	Quantity					1		
	Air flow rate	Cooling	Nom.		m³/min	70	85	
Sound power level	Cooling	Nom.			dBA	67.0	69.0	
Sound pressure level	Cooling	Nom.			dBA	47.7	50.8	51.0
Operation range	Air side	Cooling	Min.~Max.		°CDB	10~43		
	Water side	Cooling	Min.~Max.		°CDB	5~22		
Refrigerant	Type/GWP					R-32/675.0		
	Control					Electronic expansion valve		
Refrigerant charge	Circuits	Quantity				1		
	Per circuit				kg	3.80		
					TCO2Eq	2.6		
Unit	Running current	Max			A	14.0		
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/400		

(1) Cooling: EW 12°C; LW 7°C; ambient conditions: 35°CDB | (2) Cooling: EW 23°C; LW 18°C; ambient conditions: 35°CDB | (3) According to EN14825 | Condition: Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) | Condition: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C) | Depends on operation mode, refer to installation manual. | For more details, see operation range drawing

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EWAA-EWYA-D_R



Inverter technology



Swing compressor

Cooling Only				EWAA	011DW1P-H-	014DW1P-H-	016DW1P-H-
Space cooling	A Condition Pdc 35°C			kW	11.6	128	14.0
	ηs,c			%	229	226	221
SEER					5.79(3)	5.71(3)	5.59(3)
Cooling capacity	Nom.			kW	116(1)/115(2)	128(1)/127(2)	140(1)/15.3(2)
Power input	Cooling	Nom.		kW	3.56(1)/2.17(2)	4.06(1)/2.51(2)	4.58(1)/3.24(2)
Capacity control	Method				Variable (inverter)		
EER					3.26 (1)/5.31 (2)	3.16 (1)/5.04 (2)	3.06 (1)/4.74 (2)
Dimensions	Unit	Height		mm	870		
		Width		mm	1380		
		Depth		mm	460		
Weight	Unit			kg	147		
Water heat exchanger	Type				Plate heat exchanger		
	Water volume			l	2		
Air heat exchanger	Type				High efficiency fin and tube type with integral subcooler		
Compressor	Type				Hermetically sealed swing inverter compressor		
	Quantity				1		
Fan	Type				Propeller fan		
	Quantity				1		
	Air flow rate	Cooling	Nom.	m³/min	70	85	
Sound power level	Cooling	Nom.		dBA	670	69.0	
Sound pressure level	Cooling	Nom.		dBA	47.7	50.8	51.0
Operation range	Air side	Cooling	Min.~Max.	°CDB	10~43		
	Water side	Cooling	Min.~Max.	°CDB	5~22		
Refrigerant	Type/GWP				R-32/675.0		
	Control				Electronic expansion valve		
	Circuits	Quantity			1		
Refrigerant charge	Per circuit			kg	3.80		
				TCO2Eq	2.6		
Unit	Running current	Max		A	14.0		
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400		

(1) Cooling: EW 12°C; LW 7°C; ambient conditions: 35°CDB | (2) Cooling: EW 23°C; LW 18°C; ambient conditions: 35°CDB | (3) According to EN14825 | Condition: Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) | Condition: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C) | Depends on operation mode, refer to installation manual. | For more details, see operation range drawing



CLIMATE DESIGN D.O.O. Javorska 6, 11226 Beograd, Tel:
+38162290789, +38162290599
E-mail: veleprodaja@climatedesign.rs, www.climatedesign.rs

