

Aquarea CWU		Jednofazowe				
		kW	kW	kW	kW	kW
Type		Wall-mounted	Wall-mounted	Floor-standing	Floor-standing	Floor-standing
Reference		PAW-DHW100W-1	PAW-DHW150W-1	PAW-DHW200F	PAW-DHW270C1F	PAW-DHW270F
Indoor dimension (Height)	mm	1209	1527	1617	1957	1957
Indoor dimension (Width)	mm	522	522	620	620	620
Indoor dimension (Depth)	mm	538	538	665	665	665
Empty weight	kg	57	66	80	111	92
Hot and cold connection		¾" M	¾" M	¾" M	¾" M	¾" M
Anticorrosion system	Anode	Magnesium	Magnesium	Magnesium	Magnesium	Magnesium
Rated water pressure	Mpa (bar)	0,8 (8)	0,8 (8)	0,8 (8)	0,8 (8)	0,8 (8)
Electrical connection	V	230	230	230	230	230
Electrical connection	Hz	50	50	50	50	50
Total maximum power	W	1550	1950	2300	2300	2300
Maximal power heat pump	W	350	350	700	700	700
Power electric heating element	W	1200	1600	1600	1600	1600
Heat pump water temperature range	°C	50 ~ 62	50 ~ 62	50 ~ 62	50 ~ 62	50 ~ 62
Heat pump air temperature range	°C	-5 ~ +43	-5 ~ +43	-5 ~ +43	-5 ~ +43	-5 ~ +43
Duct diameter	mm	125	125	160	160	160
Air flow (without duct)	m³/h	160	160	310 / 390	310 / 390	310 / 390
Load losses acceptable on ventilation circuit, without affecting performance	Pa	70	70	25	25	25
Sound power level (1)	dB(A)	45	45	53	53	53
R134a refrigerant capacity	kg	0,52	0,58	0,80	0,86	0,86
Refrigerant volume in tons of CO2 equivalent	TCO2 Eq.	0,74	0,83	0,50	0,54	0,54
Refrigerant weight per liter	kg/L	0,0052	0,0039	0,0040	0,0032	0,0032
Hot water quantity at 40°C: V40td	L	151,0	182,0	265,5	357,9	361,2
Acoustic power ErP (2)	dB(A)	45	45	53	53	53
Energy Efficiency Class (from A+ to F)		A+	A+	A+	A+	A+
Connectable to PV		Yes	Yes	Yes	Yes	Yes
Additional coil exchanger connection		—	—	—	1" M	—
Additional coil surface	m²	—	—	—	1,2	—
Performance at 7°C air temperature		(EN 16147) ducted at 25Pa	(EN 16147) ducted at 25Pa	(CDC LCIE 103-15/C) ducted at 30Pa (3)	(CDC LCIE 103-15/C) ducted at 30Pa (3)	(CDC LCIE 103-15/C) ducted at 30Pa (3)
Performance at 7°C air temperature - Coefficient of performance (COP) according load profile		2,88 - M	3,28 - L	3,05 - L	3,44 - XL	3,61 - XL
Performance at 7°C air temperature - Standby power input (Pes)	W	18	24	32	33	29
Performance at 7°C air temperature - Heating up time (th)	h. Min	6h47	10h25	07h11	11h04	10h39
Performance at 7°C air temperature - Reference hot water temperature (Tref)	°C	52,7	53,2	52,7	52,9	53,1
Performance at 7°C air temperature - Flow rate (air)	m³/h	140	110	320	320	320
Performance at 15°C air temperature		(EN 16147)	(EN 16147)	(EN 16147)	(EN 16147)	(EN 16147)
Performance at 15°C air temperature - Coefficient of performance (COP) according load profile		2,66 - M	3,05 - L	2,81 - L	3,05 - XL	3,16 - XL
Performance at 15°C air temperature - Standby power input (Pes)	W	19	25	30	33	30
Performance at 15°C air temperature - Heating up time (th)	h. Min	6h07	9h29	6h24	8h40	8h34
Performance at 15°C air temperature - Reference hot water temperature (Tref)	°C	52,6	53,4	52,8	53,1	53,0
Performance at 15°C air temperature - Flow rate (air)	m³/h	140	110	320	320	320

(1) Zgodnie z norm ISO3744.

(2) Zgodnie z warunkami normy EN 16147.

(3) Wydajno mierzona dla podgrzewacza wody od 10°C do Tref zgodnie z protoko em specyfikacji NF Electricity Performance Mark specifications No.LCIE 103-15C, termodynamiczne podgrzewacze wody z ogrzewaniem, indywidualnym (w oparciu o norm EN 16147).

* Pompa ciep a do produkcji CWU jest produkowana przez S.A.T.E.

Dodatkowe produkty