

DHW STAND ALONE



The New DHW Stand Alone is a highly efficient wall-mounted heat pump water heater

This space-saving wall-mounted solution is one of the most efficient models available, designed as a perfect replacement for the electric water heater. The wall-mounted installation, fast heat-up time, and auto function for smart piloting all guarantee customer comfort.

Benefits:

- A+ Highly efficient wall mounted Domestic Hot Water Heat Pump
- Provides reduced power consumption by 75% compared with traditional electric water heater
- Multilingual and End-user friendly Remote Controller
- Digital control panel
- Energy consumption monitoring
- Different modes of operation based on end-user needs
- Mode AUTO: Intelligent Temperature Set Point, thanks to monitoring hot water usage
- Mode BOOST, Mode ECO and Mode ABSENCE
- Photovoltaic function
- Compatible with ducted fresh air intake installations



Model		Wall mounted	
Reference		PAW-DHW100W	PAW-DHW150W
Nominal capacity	L	100	150
Dimensions (H x W x D)	mm	1234 x 522 x 538	1557 x 522 x 538
Empty weight	kg	57	66
Hot and cold connection		3/4" M	3/4" M
Anticorrosion system		Magnesium	Magnesium
Rated water pressure	bar	8	8
Electrical connection	V/Hz	230/50	230/50
Total maximum power	W	1550	1950
Maximal power heat pump	W	350	350
Power electric heating element	W	1200	1600
Heat pump water temperature range	°C	50 - 62	50 - 62
Heat pump air temperature range	°C	-5 - +43	-5 - +43
Duct diameter	mm	125	125
Air flow (without duct)	m ³ /min	160	160
Load losses acceptable on ventilation circuit, without affecting performance	Pa	25	25
Sound power level ¹⁾	dB(A)	45	45
R134a refrigerant capacity	kg	0,6	0,7
Refrigerant volume in tons of CO ₂ equivalent	TCO ₂ Eq.	0,86	1
Refrigerant weight per liter	kg/L	0,006	0,0046
Hot water quantity at 40°C: V40td in 8h (Off-peak) / 14 (Off-peak+6h)	L	151/289	182/318
Coefficient of performance (at air 7°C ducted, water from 15°C to 53°C)		2,47	2,94
Coefficient of performance (at air 15°C ambient, water from 15°C to 53°C)		2,75	3,21
Acoustic power ErP in ducted configuration ²⁾	dB(A)	45	45
Acoustic power ErP in ambient configuration ²⁾	dB(A)	50	50
Energy Efficiency Class (from A+ to F)		A+	A+
Input PV		Yes	Yes
Performance at 7°C air temperature (EN 16147) ducted at 25 Pa			
Coefficient of performance (COP) according load profile		2,47 - M	2,94 - L
Standby power input [P _{es}]	W	20	22
Heating up time (t _h)	h. Min	7h27	11h21
Reference hot water temperature [T _{ref}]	°C	52,8	53
Flow rate (air)	m ³ /h	162,7	146,4
Performance at 7°C air temperature (EN 16147)			
Coefficient of performance (COP) according load profile		2,75 - M	3,21 - L
Standby power input [P _{es}]	W	18	21
Heating up time (t _h)	h. Min	6h25	9h45
Reference hot water temperature [T _{ref}]	°C	52,5	53,1

1) According to ISO3744. 2) Compliant with EN 16147 conditions. * DHW Stand Alone is produced by S.A.T.E.

Ideal for small surfaces

Suitable for all installations (adapted to small surfaces, low ceiling, corner).

