

Brauchwasser-Wärmepumpen		Einphasig
		kW
Type		Floor-standing
Reference		PAW-DHW270F
Indoor dimension (Height)	mm	1957
Indoor dimension (Width)	mm	620
Indoor dimension (Depth)	mm	665
Empty weight	kg	92
Hot and cold connection		¾" M
Anticorrosion system	Anode	Magnesium
Rated water pressure	Mpa (bar)	0,8 (8)
Electrical connection	V	230
Electrical connection	Hz	50
Total maximum power	W	2300
Maximal power heat pump	W	700
Power electric heating element	W	1600
Heat pump water temperature range	°C	50 ~ 62
Heat pump air temperature range	°C	-5 ~ +43
Duct diameter	mm	160
Air flow (without duct)	m³/h	310 / 390
Load losses acceptable on ventilation circuit, without affecting performance	Pa	25
Sound power level (1)	dB(A)	53
R134a refrigerant capacity	kg	0,86
Refrigerant volume in tons of CO2 equivalent	TCO2 Eq.	0,54
Refrigerant weight per liter	kg/L	0,0032
Hot water quantity at 40°C: V40td	L	361,2
Acoustic power ErP (2)	dB(A)	53
Energy Efficiency Class (from A+ to F)		A+
Connectable to PV		Yes
Additional coil exchanger connection		—
Additional coil surface	m²	—
Performance at 7°C air temperature		(CDC LCIE 103-15/C) ducted at 30Pa (3)
Performance at 7°C air temperature - Coefficient of performance (COP) according load profile		3,61 - XL
Performance at 7°C air temperature - Standby power input (Pes)	W	29
Performance at 7°C air temperature - Heating up time (th)	h. Min	10h39
Performance at 7°C air temperature - Reference hot water temperature (Tref)	°C	53,1
Performance at 7°C air temperature - Flow rate (air)	m³/h	320
Performance at 15°C air temperature		(EN 16147)
Performance at 15°C air temperature - Coefficient of performance (COP) according load profile		3,16 - XL
Performance at 15°C air temperature - Standby power input (Pes)	W	30
Performance at 15°C air temperature - Heating up time (th)	h. Min	8h34
Performance at 15°C air temperature - Reference hot water temperature (Tref)	°C	53,0
Performance at 15°C air temperature - Flow rate (air)	m³/h	320

1) Gemäß DIN EN ISO 3744.

2) Gemäß den in EN 16147 beschriebenen Bedingungen.

3) Leistung des Warmwasserbereiters bei Wassererwärmung von 10 °C auf T_{ref} gemäß den Anforderungen der französischen Zertifizierungsstelle LCIE (Laboratoire central des industries électriques) für das Gütesiegel „NF“ für eigenständige Warmwasserbereiter mit Wärmepumpe: CDC LCIE 103-15C (basierend auf EN 16147).

Hinweis: Hersteller der Brauchwasser-Wärmepumpe ist S.A.T.E.