

Brauchwasser-Wärmepumpen		Einphasig				
Type		Floor-standing PAW-DHW270C1F	Floor-standing PAW-DHW270F	Floor-standing PAW-DHW200F	Wall-mounted PAN-DHW150W-1	Wall-mounted PAW-DHW100W-1
Reference						
Indoor dimension (Height)	mm	1957	1957	1617	1527	1209
Indoor dimension (Width)	mm	620	620	620	522	522
Indoor dimension (Depth)	mm	665	665	665	538	538
Empty weight	kg	111	92	80	66	57
Hot and cold connection		½" M	½" M	½" M	½" M	½" 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	2300	2300	2300	1950	1550
Maximal power heat pump	W	700	700	700	350	350
Power electric heating element	W	1600	1600	1600	1600	1200
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	160	160	160	125	125
Air flow (without duct)	m³/h	310 / 390	310 / 390	310 / 390	160	160
Load losses acceptable on ventilation circuit, without affecting performance	Pa	25	25	25	70	70
Sound power level (L)	dB(A)	53	53	53	45	45
R134a refrigerant capacity	kg	0.86	0.86	0.80	0.58	0.52
Refrigerant volume in tons of CO2 equivalent	TCO2 Eq.	0.54	0.54	0.50	0.83	0.74
Refrigerant weight per liter	kg/L	0.0032	0.0032	0.0040	0.0039	0.0052
Hot water quantity at 40°C: V40td	L	357.9	361.2	265.5	182.0	151.0
Acoustic power ErP (2)	dB(A)	53	53	53	45	45
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		(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)	(EN 16147) ducted at 25Pa	(EN 16147) ducted at 25Pa
Performance at 7°C air temperature - Coefficient of performance (COP) according load profile		3.44 - XL	3.61 - XL	3.05 - L	3.28 - L	2.88 - M
Performance at 7°C air temperature - Standby power input (Pes)	W	33	29	32	24	18
Performance at 7°C air temperature - Heating up time (th)	h, Min	11h04	10h39	07h11	10h25	6h47
Performance at 7°C air temperature - Reference hot water temperature (Tref)	°C	52.9	53.1	52.7	53.2	52.7
Performance at 7°C air temperature - Flow rate (air)	m³/h	320	320	320	110	140
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		3.05 - XL	3.16 - XL	2.81 - L	3.05 - L	2.66 - M
Performance at 15°C air temperature - Standby power input (Pes)	W	33	30	30	25	19
Performance at 15°C air temperature - Heating up time (th)	h, Min	8h40	8h34	6h24	9h29	6h07
Performance at 15°C air temperature - Reference hot water temperature (Tref)	°C	53.1	53.0	52.8	53.4	52.6
Performance at 15°C air temperature - Flow rate (air)	m³/h	320	320	320	110	140

- 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.

Zubehör