

DAIKIN EDLA09D(3)V3 / EKHWSU(150-300)D3V3 - ECODESIGN Data

Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	9.37kW	9.57kW
El input	1.91kW	3.29kW
COP	4.91	2.91

EN 12102

	Low temperature	Medium temperature
Sound power level outdoor	62dB(A)	62dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186%	133%
Prated	9.00kW	9.00kW
SCOP	4.72	3.39
Tbiv	-9°C	-8°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	8.50kW	8.50kW
COPd Tj = -7°C	3.07	2.09
Pdh Tj = +2°C	4.50kW	5.00kW
COPd Tj = +2°C	4.52	3.28
Pdh Tj = +7°C	4.70kW	4.40kW
COPd Tj = +7°C	6.78	4.80
Pdh Tj = +12°C	5.50kW	5.30kW
COPd Tj = +12°C	8.75	6.45
Pdh Tj = bivalent temperature	8.70kW	8.80kW
COPd Tj = bivalent temperature	2.75	1.92
Pdh Tj = TOL	8.30kW	6.80kW
COPd Tj = TOL	2.64	1.70
Cdh	1.00	1.00
WTOL	35°C	55°C

In accordance with 811, 812 and 813/2013 European Union Commission Regulations

POFF	23W	23W
PTO	23W	23W
PSB	23W	23W
PCK	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.70kW	2.20kW
Annual energy consumption QHE	3939kWh	5488kWh

Domestic Hot Water (DHW)-Average Climate – Separate DHW Tank

EN 16147	EKHWSU150D3V3	EKHWSU180D3V3	EKHWSU200D3V3	EKHWSU250D3V3	EKHWSU300D3V3
Declared load profile	L	L	L	L	L
Efficiency η_{dhw}	80%	105%	115%	107%	109%
Capacity of HP (kW)	9	9	9	9	9
Reference hot water temperature	51.8°C	51.8°C	52.5°C	47°C	52.5°C
Volume of DHW accounted in the test	145ltr	174ltr	192ltr	242ltr	292ltr
Tank DHW volume	150ltr	180ltr	200ltr	250ltr	300ltr
Stand-by heat losses	1.08kWh	1.2kWh	1.32kWh	1.44kWh	1.632kWh