

DAIKIN EDLA14D(3)V3 / EKHWSU(150-300)D3V3 - ECODESIGN Data

Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	12.00kW	11.87kW
El input	2.46kW	4.11kW
COP	4.87	2.89

EN 12102

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

EN 14825

	Low temperature	Medium temperature
η_s	182%	132%
Prated	11.00kW	11.00kW
SCOP	4.62	3.37
Tbiv	-10°C	-6°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	10.10kW	9.40kW
COPd Tj = -7°C	2.95	2.02
Pdh Tj = +2°C	6.10kW	6.20kW
COPd Tj = +2°C	4.35	3.28
Pdh Tj = +7°C	4.60kW	4.40kW
COPd Tj = +7°C	6.70	4.88
Pdh Tj = +12°C	5.40kW	5.30kW
COPd Tj = +12°C	8.65	6.58
Pdh Tj = bivalent temperature	11.20kW	9.40kW
COPd Tj = bivalent temperature	2.51	2.09
Pdh Tj = TOL	11.20kW	7.80kW
COPd Tj = TOL	2.51	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	0.00kW	2.40kW
Annual energy consumption QHE	4923kWh	6735kWh

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)	14	14	14	14	14
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