

DAIKIN EBLA16D(3)V3 - ECODESIGN Data

Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	16.00kW	15.63kW
El input	3.53kW	5.68kW
COP	4.53	2.75

EN 12102

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

EN 14825

	Low temperature	Medium temperature
η_s	185%	132%
Prated	12.00kW	12.00kW
SCOP	4.69	3.37
Tbiv	-10°C	-5°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	11.20kW	9.40kW
COPd Tj = -7°C	2.87	1.95
Pdh Tj = +2°C	6.70kW	6.90kW
COPd Tj = +2°C	4.33	3.27
Pdh Tj = +7°C	4.70kW	4.40kW
COPd Tj = +7°C	6.83	4.93
Pdh Tj = +12°C	5.50kW	5.30kW
COPd Tj = +12°C	8.82	6.60
Pdh Tj = bivalent temperature	11.76kW	10.10kW
COPd Tj = bivalent temperature	2.48	2.13
Pdh Tj = TOL	11.76kW	7.95kW
COPd Tj = TOL	2.48	1.67
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	4.10kW
Annual energy consumption QHE	5281kWh	7359kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147 EKHWSU(150-300)D3V3

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)	16	16	16	16	16
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