

DAIKIN EPGA11DV3 11kW/ EABH16D6V/ EKHWSU(150-300)D3V3 ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	11.10kW	15.84kW
El input	2.16kW	5.17kW
COP	5.15	3.06

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	44dB(A)	44dB(A)
Sound power level outdoor	64dB(A)	64dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	172%	129%
P_{rated}	11.00kW	13.00kW
SCOP	4.38	3.29
T_{biv}	-10°C	-10°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	9.70kW	11.50kW
COPd Tj = -7°C	3.07	2.25
Pdh Tj = +2°C	6.30kW	6.50kW
COPd Tj = +2°C	4.15	3.14
Pdh Tj = +7°C	4.50kW	4.60kW
COPd Tj = +7°C	5.86	4.27
Pdh Tj = +12°C	5.30kW	5.20kW
COPd Tj = +12°C	7.88	5.75
Pdh Tj = bivalent temperature	11.00kW	12.50kW
COPd Tj = bivalent temperature	2.80	2.11
Pdh Tj = TOL	11.00kW	12.50kW

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

COP_d T_j = TOL 2.80 2.11

C_{dh} 1.00 1.00

WTOL 35°C 55°C

P_{OFF} 21W 21W

P_{TO} 41W 41W

P_{SB} 21W 21W

P_{CK} 0W 0W

Supplementary
Heater: Type of energy input Electrical Electrical

Supplementary
Heater: P_{SUP} 9.00kW 9.00kW

Annual energy
consumption Q_{HE} 5189kWh 7845kWh

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

EN 16147

EN 16147	EKHWSU150D3V3	EKHWSU180D3V3	EKHWSU200D3V3	EKHWSU250D3V3	EKHWSU300D3V3
Declared load profile	L	L	L	XL	XL
Efficiency η_{dhw}	63%	94%	100%	105%	93%
Capacity of HP (kW)	11	11	11	11	11
Reference hot water temperature	52.5°C	52.5°C	52.5°C	52.5°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