

DAIKIN EPGA16DV 16kW/ EAVX16S-23D6V(G) 180/230ltr ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	16.50kW	15.84kW
El input	3.45kW	5.17kW
COP	4.78	3.06

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	44dB(A)	44dB(A)
Sound power level outdoor	66dB(A)	66dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	182%	134%
P_{rated}	14.00kW	16.00kW
SCOP	4.61	3.43
T_{biv}	-10°C	-5°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	12.20kW	13.10kW
COPd Tj = -7°C	2.99	2.23
Pdh Tj = +2°C	7.40kW	8.70kW
COPd Tj = +2°C	4.30	3.26
Pdh Tj = +7°C	5.00kW	5.80kW
COPd Tj = +7°C	6.35	4.62
Pdh Tj = +12°C	5.30kW	5.20kW
COPd Tj = +12°C	8.12	6.47
Pdh Tj = bivalent temperature	14.50kW	12.90kW
COPd Tj = bivalent temperature	2.72	2.40
Pdh Tj = TOL	14.50kW	13.20kW
COPd Tj = TOL	2.72	2.05

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

Cdh	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}	0.00kW	2.80kW
Annual energy consumption Q _{HE}	6267kWh	9628kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	EAVX16S18D6V(G) 180ltr	EAVX16S23D6V(G) 230ltr
Declared load profile	L	XL
Efficiency η_{dhw}	104%	111%
COP	2.51	2.70
Heating up time	0.57	1:05
Standby power input	32.8W	36.0W
Reference hot water temperature	52.5°C	52.5°C
Volume of DHW accounted in the test	240ltr	286ltr
Tank DHW volume	180ltr	220ltr
Stand-by heat losses	1.2kWh	1.4kWh