

DAIKIN EPGA16DV 16kW/ EAVH16S-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
Indoor water flow rate	2.84m ³ /h	1.95m ³ /h

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	179%	133%
P_{rated}	14.00kW	16.00kW
SCOP	4.56	3.41
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

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

COPd Tj = TOL	2.72	2.05
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}	6345kWh	9706kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	EAVH16S18D6V(G) 180ltr	EAVH16S23D6V(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