

DAIKIN ERLA14DV3 EBVH16S18-23D6V 180/230ltr 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 indoor	44dB(A)	44dB(A)
Sound power level outdoor	62dB(A)	62dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181%	126%
P_{rated}	11.00kW	11.00kW
SCOP	4.60	3.22
T_{biv}	-7°C	-5°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	9.8kW	8.5kW
COPd Tj = -7°C	2.99	1.80
Pdh Tj = +2°C	6.10kW	6.2kW
COPd Tj = +2°C	4.35	3.28
Pdh Tj = +7°C	4.6kW	4.4kW
COPd Tj = +7°C	6.70	4.88
Pdh Tj = +12°C	5.4kW	5.3kW
COPd Tj = +12°C	8.65	6.58
Pdh Tj = bivalent temperature	9.8kW	8.9kW

COPd Tj = bivalent temperature	2.99	1.87
Pdh Tj = TOL	9.1kW	7.00kW
COPd Tj = TOL	2.71	1.76
Cdh	1.00	1.00
WTOL	35°C	55°C
P _{OFF}	23W	23W
P _{TO}	23W	23W
P _{SB}	23W	23W
P _{CK}	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P _{SUP}	1.9kW	4.00kW
Annual energy consumption Q _{HE}	4935kWh	7407kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	EBVH16S18D6V 180ltr	EBVH16S23D6V 230ltr
Declared load profile	L	XL
Efficiency η_{dhw}	116%	109%
COP	2.73	2.63
Heating up time	1:21	1:11
Standby power input	42.0W	43.2W
Reference hot water temperature	52.7°C	51.5°C
Volume of DHW accounted in the test	244ltr	295ltr
Tank DHW volume	181ltr	220ltr
Stand-by heat losses	1.2kWh	1.4kWh