

DAIKIN ERLA16DV3 EBVX16S18-23D6V 180/230ltr 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 indoor	44dB(A)	44dB(A)
Sound power level outdoor	62dB(A)	62dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	184%	131%
P_{rated}	12.00kW	12.00kW
SCOP	4.68	3.35
T_{biv}	-8°C	-5°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	11.2kW	9.4kW
COPd Tj = -7°C	2.87	1.95
Pdh Tj = +2°C	6.7kW	6.9kW
COPd Tj = +2°C	4.33	3.27
Pdh Tj = +7°C	4.7kW	4.4kW
COPd Tj = +7°C	6.83	4.93
Pdh Tj = +12°C	5.5kW	5.3kW
COPd Tj = +12°C	8.82	6.60
Pdh Tj = bivalent temperature	11.4kW	10.1kW

COPd Tj = bivalent temperature	2.72	2.13
Pdh Tj = TOL	10.6kW	6.0kW
COPd Tj = TOL	2.52	1.50
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}	1.4kW	6.1kW
Annual energy consumption Q _{HE}	5293kWh	7392kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	EBVX16S18D6V 180ltr	EBVX16S23D6V 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