

DAIKIN EPRA08EV3 8kW / ETBH12(E6V/9W) / EKHWSU(150-300)D3V3 ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	6.17 kW	7.72 kW
El input	1.25 kW	2.63 kW
COP	4.92	2.94

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	184%	134%
P_{rated}	8.30kW	8.50kW
SCOP	4.69	3.41
T_{biv}	-7°C	-7°C
TOL	-10°C	-10°C
$P_{dh} T_j = -7^\circ C$	7.50kW	7.60kW
$COP_d T_j = -7^\circ C$	3.10	2.21
$P_{dh} T_j = +2^\circ C$	4.40kW	4.60kW
$COP_d T_j = +2^\circ C$	4.76	3.37
$P_{dh} T_j = +7^\circ C$	4.30kW	3.00kW
$COP_d T_j = +7^\circ C$	6.14	4.48
$P_{dh} T_j = +12^\circ C$	6.60kW	3.70kW
$COP_d T_j = +12^\circ C$	7.84	5.98
$P_{dh} T_j = \text{bivalent temperature}$	7.50kW	7.60kW

COPd Tj = bivalent temperature	3.10	2.21
Pdh Tj = TOL	6.90kW	7.00kW
COPd Tj = TOL	2.80	1.93
Cdh	1.00	1.00
WTOL	35°C	55°C
P _{OFF}	21W	21W
P _{TO}	24W	24W
P _{SB}	21W	21W
P _{CK}	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P _{SUP}	1.40kW	1.50kW
Annual energy consumption Q _{HE}	3659kWh	5142kWh

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

EN 16147	EKHWSU150D3V3	EKHWSU180D3V3	EKHWSU200D3V3	EKHWSU250D3V3	EKHWSU300D3V3
Declared load profile	L	L	L	L	L
Efficiency η_{dhw}	84%	110%	121%	112%	114%
Capacity of HP (kW)	8	8	8	8	8
Reference hot water temperature	51.8°C	51.8°C	51.8°C	47°C	47.9°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