

DAIKIN ERGA08EV 6kW EHBX08E6V EKHWSU(150-300)D3V3 ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	7.50kW	7.50kW
El input	1.63kW	2.78kW
COP	4.60	2.70

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	42dB(A)	42dB(A)
Sound power level outdoor	62dB(A)	62dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181%	130%
P_{rated}	8.00kW	8.00kW
SCOP	4.61	3.35
T_{biv}	-8°C	-8°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	7.00kW	6.90kW
COPd Tj = -7°C	2.77	1.96
Pdh Tj = +2°C	4.20kW	4.40kW
COPd Tj = +2°C	4.35	3.20
Pdh Tj = +7°C	3.30kW	3.3kW
COPd Tj = +7°C	6.49	4.64
Pdh Tj = +12°C	3.90kW	4.10kW
COPd Tj = +12°C	8.52	6.22
Pdh Tj = bivalent temperature	7.50kW	7.50kW

COPd Tj = bivalent temperature	2.66	1.90
Pdh Tj = TOL	6.90kW	7.10kW
COPd Tj = TOL	2.41	1.64
Cdh	1.00	1.00
WTOL	35°C	55°C
P _{OFF}	10W	10W
P _{TO}	10W	10W
P _{SB}	10W	10W
P _{CK}	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P _{SUP}	1.10kW	0.90kW
Annual energy consumption Q _{HE}	3588kWh	4975kWh

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

EN 16147 EKHWSU(150-300)D3V3

EN 16147	EKHWSU150D3V3	EKHWSU180D3V3	EKHWSU200D3V3	EKHWSU250D3V3	EKHWSU300D3V3
Declared load profile	L	L	L	XL	XL
Efficiency η_{dhw}	91%	125%	121%	130%	128%
Capacity of HP (kW)	6	6	6	6	6
Reference hot water temperature	52.5°C	52.5°C	52.5°C	52.5°C	52.5°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