

DAIKIN ERGA04EV 4kW EHBH(Z)04E6V EKHWSU(150-300)D3V3 ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	4.30kW	4.90kW
El input	0.85kW	1.85kW
COP	5.1	2.65

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	42dB(A)	42dB(A)
Sound power level outdoor	58dB(A)	58dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	179%	127%
P_{rated}	6.00kW	6.00kW
SCOP	4.54	3.26
T_{biv}	-7°C	-7°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	5.50kW	5.30kW
COPd Tj = -7°C	2.90	1.97
Pdh Tj = +2°C	3.30kW	3.30kW
COPd Tj = +2°C	4.33	3.23
Pdh Tj = +7°C	3.20kW	3.0kW
COPd Tj = +7°C	6.19	4.40
Pdh Tj = +12°C	3.30kW	3.30kW
COPd Tj = +12°C	7.78	6.10
Pdh Tj = bivalent temperature	5.50kW	5.30kW

COPd Tj = bivalent temperature	2.90	1.97
Pdh Tj = TOL	5.20kW	4.00kW
COPd Tj = TOL	2.56	1.37
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}	0.8kW	2.00kW
Annual energy consumption Q _{HE}	2729kWh	3806kWh

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)	4	4	4	4	4
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