

DAIKIN EBLA04E(3)V3 4kW / EKHWSU(150-300)D3V3 ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	4.30 kW	4.90 kW
El input	0.84 kW	1.85 kW
COP	5.1	2.65

EN 12102-1

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

EN 14825

	Low temperature	Medium temperature
η_s	179%	129%
P_{rated}	6.00kW	6.00kW
SCOP	4.54	3.29
T_{biv}	-7°C	-7°C
TOL	-10°C	-10°C
$P_{dh} T_j = -7°C$	5.50kW	5.30kW
$COP_d T_j = -7°C$	2.90	1.97
$P_{dh} T_j = +2°C$	3.30kW	3.30kW
$COP_d T_j = +2°C$	4.33	3.23
$P_{dh} T_j = +7°C$	3.20kW	3.00kW
$COP_d T_j = +7°C$	6.19	4.40
$P_{dh} T_j = +12°C$	3.30kW	3.30kW
$COP_d T_j = +12°C$	7.78	6.10
$P_{dh} T_j = \text{bivalent temperature}$	5.50kW	5.30kW
$COP_d T_j = \text{bivalent temperature}$	2.90	1.97
$P_{dh} T_j = TOL$	5.22kW	3.99kW

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}	0.78kW	2.01kW
Annual energy consumption Q _{HE}	2729kWh	3769kWh

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

EN 16147	EKHWSU150D3V3	EKHWSU180D3V3	EKHWSU200D3V3	EKHWSU250D3V3	EKHWSU300D3V3
Declared load profile	L	L	L	XL	XL
Efficiency η_{dhw}	84%	110%	121%	117%	114%
Capacity of HP (kW)	4	4	4	4	4
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