

**DAIKIN ERGA04EV 4kW EHBX04E6V EKHWSU(150-300)D3V3 ECODESIGN Data**
**Heating-Average Climate**

EN 14511-2

	<b>A7/W35</b>	<b>A7/W55</b>
Heat output	4.30kW	4.90kW
El input	0.85kW	1.85kW
COP	5.10	2.65

EN 12102

	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	42dB(A)	42dB(A)
Sound power level outdoor	58dB(A)	58dB(A)

EN 14825

	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	179%	129%
$P_{rated}$	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	2.9	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	2.9	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 <sub>OFF</sub>	10W	10W
P <sub>TO</sub>	10W	10W
P <sub>SB</sub>	10W	10W
P <sub>CK</sub>	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P <sub>SUP</sub>	0.8kW	2.00kW
Annual energy consumption Q <sub>HE</sub>	2729kWh	3769kWh

#### 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 $\eta_{dhw}$	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