

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

EN 14511-2

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

EN 12102

	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	42dB(A)	42dB(A)
Sound power level outdoor	62dB(A)	62dB(A)

EN 14825

	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	181%	131%
$P_{rated}$	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 <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>	1.10kW	0.90kW
Annual energy consumption Q <sub>HE</sub>	3588kWh	4939kWh

#### 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)	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