

**DAIKIN EPRA10EV3 10kW / ETBX12E(6V/9W) / EKHWSU(150-300)D3V3 ECODESIGN Data**  
**Heating-Average Climate**

EN 14511-2

	<b>A7/W35</b>	<b>A7/W55</b>
Heat output	6.17 kW	7.72 kW
El input	1.25 kW	2.63 kW
COP	4.92	2.94

EN 12102-1

	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825

	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	190%	136%
$P_{rated}$	8.30kW	8.50kW
SCOP	4.82	3.48
$T_{biv}$	-10°C	-10°C
TOL	-10°C	-10°C
$P_{dh} T_j = -7^\circ C$	7.50kW	7.60kW
$COP_d T_j = -7^\circ C$	3.10	2.21
$P_{dh} T_j = +2^\circ C$	4.40kW	4.60kW
$COP_d T_j = +2^\circ C$	4.76	3.37
$P_{dh} T_j = +7^\circ C$	4.30kW	3.00kW
$COP_d T_j = +7^\circ C$	6.14	4.48
$P_{dh} T_j = +12^\circ C$	6.60kW	3.70kW
$COP_d T_j = +12^\circ C$	7.84	5.98
$P_{dh} T_j = \text{bivalent temperature}$	8.1kW	8.30kW

COPd T <sub>j</sub> = bivalent temperature	2.77	1.97
P <sub>dh</sub> T <sub>j</sub> = TOL	8.1kW	8.3kW
COPd T <sub>j</sub> = TOL	2.77	1.97
C <sub>dh</sub>	1.00	1.00
WTOL	35°C	55°C
P <sub>OFF</sub>	21W	21W
P <sub>TO</sub>	24W	24W
P <sub>SB</sub>	21W	21W
P <sub>CK</sub>	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P <sub>SUP</sub>	0.00kW	0.00kW
Annual energy consumption Q <sub>HE</sub>	3560kWh	5043kWh

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

EN 16147	EKHWSU150D3V3	EKHWSU180D3V3	EKHWSU200D3V3	EKHWSU250D3V3	EKHWSU300D3V3
Declared load profile	L	L	L	L	L
Efficiency $\eta_{dhw}$	84%	110%	121%	112%	114%
Capacity of HP (kW)	10	10	10	10	10
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