

**DAIKIN ERGA08EV3 8kW/ EHVX08S18-23E6V 180/230ltr 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	3.30
$T_{biv}$	-8°C	-6°C
TOL	-10°C	-10°C
Pdh $T_j = -7^\circ\text{C}$	7.00kW	6.90kW
COPd $T_j = -7^\circ\text{C}$	2.77	1.96
Pdh $T_j = +2^\circ\text{C}$	4.20kW	4.40kW
COPd $T_j = +2^\circ\text{C}$	4.35	3.20
Pdh $T_j = +7^\circ\text{C}$	3.30kW	3.30kW
COPd $T_j = +7^\circ\text{C}$	6.49	4.64
Pdh $T_j = +12^\circ\text{C}$	3.90kW	4.10kW
COPd $T_j = +12^\circ\text{C}$	8.52	6.22
Pdh $T_j = \text{bivalent temperature}$	7.50kW	7.50kW
COPd $T_j = \text{bivalent temperature}$	2.66	1.9

In accordance with 811, 812 and 813/2013 European Union Commission Regulations

P <sub>dh</sub> T <sub>j</sub> = TOL	6.90kW	7.10kW
COP <sub>d</sub> T <sub>j</sub> = TOL	2.41	1.64
C <sub>dh</sub>	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>	1.00kW	3.00kW
Annual energy consumption Q <sub>HE</sub>	3588kWh	4939kWh

### Domestic Hot Water (DHW)-Average Climate

EN 16147	EHVX08S18E6V 180ltr	EHVX08S23E6V 230ltr
Declared load profile	L	XL
Efficiency $\eta_{dhw}$	125%	133%
COP	3.10	3.30
Heating up time	1:34	1:47
Standby power input	28.0W	28.0W
Reference hot water temperature	52.5°C	52.5°C
Volume of DHW accounted in the test	238ltr	288ltr
Tank DHW volume	181ltr	220ltr
Stand-by heat losses	1.2kWh	1.4kWh