

DAIKIN ERGA06EV3 6kW/ EHVH(Z)08S18-23E6V 180/230ltr ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	6kW	5.80kW
El input	1.24kW	2.15kW
COP	4.85	2.70

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	42dB(A)	42dB(A)
Sound power level outdoor	60dB(A)	60dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	176%	127%
P_{rated}	7.00kW	7.00kW
SCOP	4.47	3.25
T_{biv}	-6°C	-6°C
TOL	-10°C	-10°C
Pdh $T_j = -7^\circ\text{C}$	6.00kW	5.90kW
COPd $T_j = -7^\circ\text{C}$	2.86	1.98
Pdh $T_j = +2^\circ\text{C}$	3.90kW	3.90kW
COPd $T_j = +2^\circ\text{C}$	4.25	3.16
Pdh $T_j = +7^\circ\text{C}$	3.20kW	3.00kW
COPd $T_j = +7^\circ\text{C}$	6.30	4.49
Pdh $T_j = +12^\circ\text{C}$	3.30kW	3.30kW
COPd $T_j = +12^\circ\text{C}$	7.78	6.10
Pdh $T_j = \text{bivalent temperature}$	6.00kW	6.10kW
COPd $T_j = \text{bivalent temperature}$	2.49	2.12

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

P _{dh} T _j = TOL	6.00kW	5.40kW
COP _d T _j = TOL	2.49	1.53
C _{dh}	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}	1.00kW	1.60kW
Annual energy consumption Q _{HE}	3233kWh	4441kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	EHVH08S18E6V 180ltr	EHVH08S23E6V 230ltr
Declared load profile	L	XL
Efficiency η_{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