

DAIKIN ERGA08EV3 8kW/ EHVH(Z)08S18-23E6V 180/230ltr ECODESIGN Data
Heating-Average Climate

EN 14511-2

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

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	42dB(A)	42dB(A)
Sound power level outdoor	62dB(A)	62dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	179%	130%
P_{rated}	8.00kW	8.00kW
SCOP	4.56	3.27
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 _{dh} T _j = TOL	6.90kW	7.10kW
COP _d T _j = TOL	2.41	1.64
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	3.00kW
Annual energy consumption Q _{HE}	3625kWh	4975kWh

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