

DAIKIN ERGA08DV3 8kW/ EHVH(Z)08S18-23D6V(G) 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
Indoor water flow rate	1.29m ³ /h	0.81m ³ /h

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	3.32
T_{biv}	-8°C	-8°C
TOL	-10°C	-10°C
$P_{dh} T_j = -7°C$	7.00kW	6.90kW
$COP_d T_j = -7°C$	2.77	1.96
$P_{dh} T_j = +2°C$	4.20kW	4.40kW
$COP_d T_j = +2°C$	4.35	3.20
$P_{dh} T_j = +7°C$	3.30kW	3.30kW
$COP_d T_j = +7°C$	6.49	4.64
$P_{dh} T_j = +12°C$	3.90kW	4.10kW
$COP_d T_j = +12°C$	8.52	6.22
$P_{dh} T_j = \text{bivalent temperature}$	7.50kW	7.50kW
$COP_d T_j = \text{bivalent temperature}$	2.66	1.9

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}	1.10kW	1.60kW
Annual energy consumption Q _{HE}	3625kWh	4975kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	EHVH08S18D6V(G) 180ltr	EHVH08S23D6V(G) 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