

DAIKIN ERGA04DV3 4kW/ EHVH(Z)08S18-23D6V(G) 180/230ltr ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	4.30kW	4.90kW
El input	0.85kW	1.85kW
COP	5.10	2.65
Indoor water flow rate	0.74m ³ /h	0.53m ³ /h

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	42dB(A)	42dB(A)
Sound power level outdoor	58dB(A)	58dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	176%	127%
P_{rated}	6.00kW	6.00kW
SCOP	4.48	3.26
T_{biv}	-7°C	-7°C
TOL	-10°C	-10°C
$P_{dh} T_j = -7^\circ C$	5.50kW	5.30kW
$COP_d T_j = -7^\circ C$	2.90	1.97
$P_{dh} T_j = +2^\circ C$	3.30kW	3.30kW
$COP_d T_j = +2^\circ C$	4.33	3.23
$P_{dh} T_j = +7^\circ C$	3.20kW	3.00kW
$COP_d T_j = +7^\circ C$	6.19	4.40
$P_{dh} T_j = +12^\circ C$	3.30kW	3.30kW
$COP_d T_j = +12^\circ C$	7.78	6.10
$P_{dh} T_j = \text{bivalent temperature}$	5.50kW	5.30kW
$COP_d T_j = \text{bivalent temperature}$	2.90	1.97

P _{dh} T _j = TOL	5.20kW	4.00kW
COP _d T _j = TOL	2.56	1.37
C _{dh}	1.00	1.00
WTOL	35°C	55°C
P _{OFF}	8W	8W
P _{TO}	10W	10W
P _{SB}	8W	8W
P _{CK}	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P _{SUP}	0.8kW	2.00kW
Annual energy consumption Q _{HE}	2766kWh	3806kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	EHVH04S18D6V(G) 180ltr	EHVH04S23D6V(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