

DAIKIN – EGSAH10D9W(G) (1PH) - ECODESIGN Data

Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	5.49 kW	5.60 kW
El input	1.17 kW	1.95 kW
COP	4.70	2.87

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	197%	152%
P_{rated}	8.50kW	8.50kW
SCOP	5.12	4.00
T_{biv}	-10°C	-10°C
TOL	-10°C	-10°C
Pdh $T_j = -7^\circ\text{C}$	7.67kW	7.45kW
COPd $T_j = -7^\circ\text{C}$	4.51	3.15
Pdh $T_j = +2^\circ\text{C}$	4.59kW	4.68kW
COPd $T_j = +2^\circ\text{C}$	5.43	4.09
Pdh $T_j = +7^\circ\text{C}$	2.93kW	2.98kW
COPd $T_j = +7^\circ\text{C}$	5.38	4.54
Pdh $T_j = +12^\circ\text{C}$	1.36kW	1.37kW
COPd $T_j = +12^\circ\text{C}$	5.10	4.59
Pdh $T_j = \text{bivalent temperature}$	8.55kW	8.49kW
COPd $T_j = \text{bivalent temperature}$	4.29	2.85
Pdh $T_j = \text{TOL}$	8.55kW	8.49kW

COPd Tj = TOL	4.29	2.85
Cdh	1.00	1.00
WTOL	35°C	55°C
P _{OFF}	15W	15W
P _{TO}	24W	24W
P _{SB}	15W	15W
P _{CK}	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P _{SUP}	0.00kW	0.00kW
Annual energy consumption Q _{HE}	3428kWh	4393kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147 **180ltr Integrated Tank**

Declared load profile	L
Efficiency η_{dhw}	117%
COP	2.82
Heating up time	1:43 h:min
Standby power input	26.2W
Reference hot water temperature	53°C
Volume of DHW accounted in the test	239ltr
Tank DHW volume	180ltr
Stand-by heat losses	1.2kWh