

DAIKIN EPRA10EV3 & ETVH12S(18/23)E(6V/9W) 180/230ltr ECODESIGN Data

Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	6.17 kW	7.72 kW
El input	1.25 kW	2.63 kW
COP	4.92	2.94

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	44dB(A)	44dB(A)
Sound power level outdoor	53dB(A)	53dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186%	134%
P_{rated}	8.3kW	8.5kW
SCOP	4.71	3.43
T_{biv}	-10°C	-10°C
TOL	-10°C	-10°C
$P_{dh} T_j = -7^\circ C$	7.5kW	7.6kW
$COP_d T_j = -7^\circ C$	3.10	2.21
$P_{dh} T_j = +2^\circ C$	4.4kW	4.6kW
$COP_d T_j = +2^\circ C$	4.76	3.37
$P_{dh} T_j = +7^\circ C$	4.3kW	3kW
$COP_d T_j = +7^\circ C$	6.14	4.48
$P_{dh} T_j = +12^\circ C$	6.6kW	3.7kW
$COP_d T_j = +12^\circ C$	7.84	5.98
$P_{dh} T_j = \text{bivalent temperature}$	8.1kW	8.3kW
$COP_d T_j = \text{bivalent temperature}$	2.77	1.97
$P_{dh} T_j = TOL$	8.1kW	8.3kW

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

COPd Tj = TOL	2.77	1.97
Cdh	1.00	1.00
WTOL	35°C	55°C
P _{OFF}	21W	21W
P _{TO}	24W	24W
P _{SB}	21W	21W
P _{CK}	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P _{SUP}	0.0kW	0.0kW
Annual energy consumption Q _{HE}	3637kWh	5120kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	ETVH12S18E(6V/9W) 180ltr	ETVH12S18E(6V/9W) 230ltr
Declared load profile	L	L
Efficiency η_{dhw}	117%	126%
COP	2.72	2.96
Heating up time	1:57 h:min	2:14h:min
Standby power input	51.7W	44.8W
Reference hot water temperature	52.5°C	52.5 °C
Volume of DHW accounted in the test	240ltr	298ltr
Tank DHW volume	180ltr	220ltr
Stand-by heat losses	1.2kWh	1.392kWh