

DAIKIN EPRA18DV3 & ETVX16S(18-23)E(6V-9W) 180/230ltr ECODESIGN Data
Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	9.00kW	7.24kW
El input	1.80kW	2.41kW
COP	5.00	3.10

EN 12102

	Low temperature	Medium temperature
Sound power level indoor	44dB(A)	44dB(A)
Sound power level outdoor	54dB(A)	54dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	180%	142%
P_{rated}	13.00kW	13.00kW
SCOP	4.57	3.62
T_{biv}	-7°C	-10°C
TOL	-10°C	-10°C
Pdh $T_j = -7^\circ\text{C}$	11.10kW	11.20kW
COPd $T_j = -7^\circ\text{C}$	3.12	2.47
Pdh $T_j = +2^\circ\text{C}$	6.70kW	6.90kW
COPd $T_j = +2^\circ\text{C}$	4.44	3.56
Pdh $T_j = +7^\circ\text{C}$	5.70kW	6.90kW
COPd $T_j = +7^\circ\text{C}$	5.84	4.44
Pdh $T_j = +12^\circ\text{C}$	6.00kW	6.20kW
COPd $T_j = +12^\circ\text{C}$	7.40	5.72
Pdh $T_j = \text{bivalent temperature}$	11.10kW	12.20kW
COPd $T_j = \text{bivalent temperature}$	3.12	2.19
Pdh $T_j = \text{TOL}$	11.10kW	12.20kW

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

COP _d T _j = TOL	2.76	2.19
C _{dh}	1.00	1.00
WTOL	35°C	55°C
P _{OFF}	21W	21W
P _{TO}	41W	41W
P _{SB}	21W	21W
P _{CK}	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P _{SUP}	1.4kW	0kW
Annual energy consumption Q _{HE}	5649kWh	7134kWh

Domestic Hot Water (DHW)-Average Climate

EN 16147	ETVX16S18E(6V-9W) 180ltr	ETVX16S23E(6V-9W) 230ltr
Declared load profile	L	XL
Efficiency η_{dhw}	110%	108%
COP	2.62	2.61
Heating up time	1:07 h:min	1:20 h:min
Standby power input	34.2W	49.2W
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