

# DAIKIN EPRA14DV3 & ETVH16S(18/23)E(6V/9W) 180/230ltr ECODESIGN Data

## Heating-Average Climate

EN 14511-2

	A7/W35	A7/W55
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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
$\eta_s$	177%	140%
$P_{rated}$	12.5kW	12.5kW
SCOP	4.51	3.58
$T_{biv}$	-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 <sub>d</sub> T <sub>j</sub> = TOL	2.76	2.19
C <sub>dh</sub>	1.00	1.00
WTOL	35°C	55°C
P <sub>OFF</sub>	21W	21W
P <sub>TO</sub>	41W	41W
P <sub>SB</sub>	21W	21W
P <sub>CK</sub>	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P <sub>SUP</sub>	1.4kW	0kW
Annual energy consumption Q <sub>HE</sub>	5726kWh	7211kWh

#### Domestic Hot Water (DHW)-Average Climate

EN 16147	ETVH16S18E(6V/9W) 180ltr	ETVH16S23E(6V/9W) 230ltr
Declared load profile	L	XL
Efficiency $\eta_{dhw}$	110%	108%
COP	2.62	2.61
Heating up time	1:07 h:min	1:19 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