

**DAIKIN EPRA16DV3 & ETVH16S(18-23)E(6V-9W) 180/230ltr ECODESIGN Data**  
**Heating-Average Climate**

EN 14511-2

	<b>A7/W35</b>	<b>A7/W55</b>
Heat output	9.00kW	7.24kW
El input	1.80kW	2.41kW
COP	5.00	3.01

EN 12102

	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	44dB(A)	44dB(A)
Sound power level outdoor	54dB(A)	54dB(A)

EN 14825

	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	177%	140%
$P_{rated}$	12.5kW	13kW
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