

**DAIKIN ERLA16DV3 EBVH16S18-23D6V 180/230ltr ECODESIGN Data**
**Heating-Average Climate**

EN 14511-2

	<b>A7/W35</b>	<b>A7/W55</b>
Heat output	16.00kW	15.63kW
El input	3.53kW	5.68kW
COP	4.53	2.75

EN 12102

	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	44dB(A)	44dB(A)
Sound power level outdoor	62dB(A)	62dB(A)

EN 14825

	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	181%	130%
$P_{rated}$	12.00kW	12.00kW
SCOP	4.61	3.32
$T_{biv}$	-8°C	-5°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	11.2kW	9.4kW
COPd Tj = -7°C	2.87	1.95
Pdh Tj = +2°C	6.7kW	6.9kW
COPd Tj = +2°C	4.33	3.27
Pdh Tj = +7°C	4.7kW	4.4kW
COPd Tj = +7°C	6.83	4.93
Pdh Tj = +12°C	5.5kW	5.3kW
COPd Tj = +12°C	8.82	6.60
Pdh Tj = bivalent temperature	11.4kW	10.1kW

COPd Tj = bivalent temperature	2.72	2.13
Pdh Tj = TOL	10.6kW	6.0kW
COPd Tj = TOL	2.52	1.50
Cdh	1.00	1.00
WTOL	35°C	55°C
P <sub>OFF</sub>	23W	23W
P <sub>TO</sub>	23W	23W
P <sub>SB</sub>	23W	23W
P <sub>CK</sub>	0W	0W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: P <sub>SUP</sub>	1.4kW	6.1kW
Annual energy consumption Q <sub>HE</sub>	5377kWh	7477kWh

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

EN 16147	EHVH16S18D6V 180ltr	EBVH16S23D6V 230ltr
Declared load profile	L	XL
Efficiency $\eta_{dhw}$	116%	109%
COP	2.73	2.63
Heating up time	1:21	1:11
Standby power input	42.0W	43.2W
Reference hot water temperature	52.7°C	51.5°C
Volume of DHW accounted in the test	244ltr	295ltr
Tank DHW volume	181ltr	220ltr
Stand-by heat losses	1.2kWh	1.4kWh