

**DAIKIN EPGA16DV 16kW/ EABH16D6V EKHWSU(150-300)D3V3 ECODESIGN Data**  
**Heating-Average Climate**

EN 14511-2

	<b>A7/W35</b>	<b>A7/W55</b>
Heat output	16.50kW	15.84kW
El input	3.45kW	5.17kW
COP	4.78	3.06

EN 12102

	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	44dB(A)	44dB(A)
Sound power level outdoor	66dB(A)	66dB(A)

EN 14825

	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	179%	133%
$P_{rated}$	14.00kW	16.00kW
SCOP	4.56	3.41
$T_{biv}$	-10°C	-5°C
TOL	-10°C	-10°C
Pdh Tj = -7°C	12.20kW	13.10kW
COPd Tj = -7°C	2.99	2.23
Pdh Tj = +2°C	7.40kW	8.70kW
COPd Tj = +2°C	4.30	3.26
Pdh Tj = +7°C	5.00kW	5.80kW
COPd Tj = +7°C	6.35	4.62
Pdh Tj = +12°C	5.30kW	5.20kW
COPd Tj = +12°C	8.12	6.47
Pdh Tj = bivalent temperature	14.50kW	12.90kW
COPd Tj = bivalent temperature	2.72	2.40
Pdh Tj = TOL	14.50kW	13.20kW
COPd Tj = TOL	2.72	2.05

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

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>      0.00kW      2.80kW

Annual energy  
consumption Q<sub>HE</sub>      6345kWh      9706kWh

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

EN 16147

EN 16147	EKHWSU150D3V3	EKHWSU180D3V3	EKHWSU200D3V3	EKHWSU250D3V3	EKHWSU300D3V3
Declared load profile	L	L	L	XL	XL
Efficiency $\eta_{dhw}$	63%	94%	100%	105%	93%
Capacity of HP (kW)	16	16	16	16	16
Reference hot water temperature	52.5°C	52.5°C	52.5°C	52.5°C	52.5°C
Volume of DHW accounted in the test	145ltr	174ltr	192ltr	242ltr	292ltr
Tank DHW volume	150ltr	180ltr	200ltr	250ltr	300ltr
Stand-by heat losses	1.08kWh	1.2kWh	1.32kWh	1.44kWh	1.632kWh