

**DAIKIN EDLA06E3V3 6kW / EKHWSU(150-300)D3V3 ECODESIGN Data**
**Heating-Average Climate**

EN 14511-2

|             | <b>A7/W35</b> | <b>A7/W55</b> |
|-------------|---------------|---------------|
| Heat output | 6.00 kW       | 5.80 kW       |
| El input    | 1.24 kW       | 2.15 kW       |
| COP         | 4.85          | 2.7           |

EN 12102-1

|                           | <b>Low temperature</b> | <b>Medium temperature</b> |
|---------------------------|------------------------|---------------------------|
| Sound power level outdoor | 60 dB(A)               | 60 dB(A)                  |

EN 14825

|  | <b>Low temperature</b> | <b>Medium temperature</b> |
|--|------------------------|---------------------------|
| $\eta_s$                                   | 176%                   | 127%                      |
| $P_{rated}$                                | 7.00kW                 | 7.00kW                    |
| SCOP                                       | 4.47                   | 3.26                      |
| $T_{biv}$                                  | -6°C                   | -6°C                      |
| TOL  | -10°C                  | -10°C                     |
| $P_{dh} T_j = -7^\circ C$                  | 6.00kW                 | 5.90kW                    |
| $COP_d T_j = -7^\circ C$                   | 2.86                   | 1.98                      |
| $P_{dh} T_j = +2^\circ C$                  | 3.90kW                 | 3.90kW                    |
| $COP_d T_j = +2^\circ C$                   | 4.25                   | 3.16                      |
| $P_{dh} T_j = +7^\circ C$                  | 3.20kW                 | 3.00kW                    |
| $COP_d T_j = +7^\circ C$                   | 6.30                   | 4.49                      |
| $P_{dh} T_j = +12^\circ C$                 | 3.30kW                 | 3.30kW                    |
| $COP_d T_j = +12^\circ C$                  | 7.78                   | 6.10                      |
| $P_{dh} T_j = \text{bivalent temperature}$ | 6.10kW                 | 6.10kW                    |
| $COP_d T_j = \text{bivalent temperature}$  | 3.07                   | 2.12                      |
| $P_{dh} T_j = TOL$                         | 6.00kW                 | 5.36kW                    |

|  |            |            |
|--|------------|------------|
| COPd Tj = TOL                                    | 2.49       | 1.53       |
| Cdh  | 1.00       | 1.00       |
| WTOL   | 35°C       | 55°C       |
| P <sub>OFF</sub>                                 | 10W        | 10W        |
| P <sub>TO</sub>                                  | 10W        | 10W        |
| P <sub>SB</sub>                                  | 10W        | 10W        |
| P <sub>CK</sub>                                  | 0W         | 0W         |
| Supplementary<br>Heater: Type of<br>energy input | Electrical | Electrical |
| Supplementary<br>Heater: P <sub>SUP</sub>        | 1.00kW     | 1.60kW     |
| Annual energy<br>consumption Q <sub>HE</sub>     | 3233kWh    | 4441kWh    |

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

| EN 16147                                     | EKHWSU150D3V3 | EKHWSU180D3V3 | EKHWSU200D3V3 | EKHWSU250D3V3 | EKHWSU300D3V3 |
|--|---------------|---------------|---------------|---------------|---------------|
| Declared<br>load profile                     | L             | L             | L             | XL            | XL            |
| Efficiency<br>$\eta_{dhw}$                   | 84%           | 110%          | 121%          | 117%          | 114%          |
| Capacity of<br>HP (kW)                       | 4             | 4             | 4             | 4             | 4             |
| Reference<br>hot water<br>temperature        | 51.8°C        | 51.8°C        | 51.8°C        | 47°C          | 47.9°C        |
| Volume of<br>DHW<br>accounted<br>in the test | 145ltr        | 174ltr        | 192ltr        | 242ltr        | 292ltr        |
| Tank DHW<br>volume                           | 150ltr        | 180ltr        | 200ltr        | 250ltr        | 300ltr        |
| Stand-by<br>heat losses                      | 1.08kWh       | 1.2kWh        | 1.32kWh       | 1.44kWh       | 1.632kWh      |