

**DAIKIN ERLA11DV3 EBBX11D6V EKHWSU(150-300)D3V3 ECODESIGN Data**
**Heating-Average Climate**

EN 14511-2

|             | <b>A7/W35</b> | <b>A7/W55</b> |
|-------------|---------------|---------------|
| Heat output | 10.56kW       | 10.64kW       |
| El input    | 2.19kW        | 3.62kW        |
| COP         | 4.83          | 2.94          |

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> |
|-------------------------------|------------------------|---------------------------|
| $\eta_s$                      | 186%                   | 128%                      |
| $P_{rated}$                   | 10kW                   | 10kW                      |
| SCOP                          | 4.72                   | 3.27                      |
| $T_{biv}$                     | -8°C                   | -5°C                      |
| TOL                           | -10°C                  | -10°C                     |
| Pdh Tj = -7°C                 | 9.2kW                  | 7.9kW                     |
| COPd Tj = -7°C                | 3.03                   | 1.89                      |
| Pdh Tj = +2°C                 | 5.5 kW                 | 5.4 kW                    |
| COPd Tj = +2°C                | 4.37                   | 3.25                      |
| Pdh Tj = +7°C                 | 4.6kW                  | 4.4kW                     |
| COPd Tj = +7°C                | 6.74                   | 4.81                      |
| Pdh Tj = +12°C                | 5.4kW                  | 5.3kW                     |
| COPd Tj = +12°C               | 8.54                   | 6.41                      |
| Pdh Tj = bivalent temperature | 9.2kW                  | 8.2kW                     |

|  |             |             |
|--|-------------|-------------|
| COPd Tj = bivalent temperature             | 3.01        | 1.96        |
| Pdh Tj = TOL                               | 8.4kW       | 6.8kW       |
| COPd Tj = TOL                              | 2.73        | 1.68        |
| 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 | Electricity | Electricity |
| Supplementary Heater: P <sub>SUP</sub>     | 1.6kW       | 3.2kW       |
| Annual energy consumption Q <sub>HE</sub>  | 4378kWh     | 6312kWh     |

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

EN 16147

| EN 16147                            | EKHWSU150D3V3 | EKHWSU180D3V3 | EKHWSU200D3V3 | EKHWSU250D3V3 | EKHWSU300D3V3 |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|
| Declared load profile               | L             | L             | L             | L             | L             |
| Efficiency $\eta_{dhw}$             | 80%           | 105%          | 115%          | 107%          | 109%          |
| Capacity of HP (kW)                 | 11            | 11            | 11            | 11            | 11            |
| 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      |