

DAIKIN EPRA18DV3 & ETVH16S(18-23)E(6V-9W) 180/230ltr ECODESIGN Data
Heating-Average Climate

EN 14511-2

| | A7/W35 | A7/W55 |
|-------------|---------------|---------------|
| Heat output | 9.00kW | 7.24kW |
| El input | 1.80kW | 2.41kW |
| COP | 5.00 | 3.10 |

EN 12102

| | Low temperature | Medium temperature |
|---------------------------|------------------------|---------------------------|
| Sound power level indoor | 44dB(A) | 44dB(A) |
| Sound power level outdoor | 54dB(A) | 54dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|--|------------------------|---------------------------|
| η_s | 177% | 140% |
| P_{rated} | 13.00kW | 13.00kW |
| 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

| | | |
|--|------------|------------|
| COPd Tj = TOL | 2.76 | 2.19 |
| Cdh | 1.00 | 1.00 |
| WTOL | 35°C | 55°C |
| P _{OFF} | 21W | 21W |
| P _{TO} | 41W | 41W |
| P _{SB} | 21W | 21W |
| P _{CK} | 0W | 0W |
| Supplementary Heater: Type of energy input | Electrical | Electrical |
| Supplementary Heater: P _{SUP} | 6.00kW | 6.00kW |
| Annual energy consumption Q _{HE} | 5726kWh | 7211kWh |

Domestic Hot Water (DHW)-Average Climate

| EN 16147 | ETVH16S18E(6V-9W) 180ltr | ETVH16S23E(6V-9W) 230ltr |
|--|--------------------------|--------------------------|
| Declared load profile | L | XL |
| Efficiency η_{dhw} | 110% | 108% |
| COP | 2.62 | 2.61 |
| Heating up time | 1:07 h:min | 1:20 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 |