# Product fiche[1]

LG Electronics

## Manufacturer[2]

**LG Electronics Inc.**

| Model Number[3] (Outdoor unit / Indoor unit) | Sound power[4] levels (Outdoor unit / Indoor unit) | Refrigerant[5] (kg) | t-$CO_2$ eq | SEER | $Q_{CE}$[6] (kWh) | Pdesignc (kW) |
|---|---|---|---|---|---|---|
| AC09BK UA3 / AC09BK NSJ | 65 / 59 | R32 (0.70) | 0.473 | 7.0 (A++) | 125 | 2.5 |
| AC12BK UA3 / AC12BK NSJ | 65 / 59 | R32 (0.70) | 0.473 | 6.6 (A++) | 186 | 3.5 |
| AC18BK UL2 / AC18BK NSK | 65 / 60 | R32 (1.00) | 0.675 | 7.0 (A++) | 250 | 5.0 |
| AC24BK U24 / AC24B NSK | 70 / 65 | R32 (1.10) | 0.743 | 6.9 (A++) | 335 | 6.6 |
| DC09RK UL2 / DC09RK NSJ | 65 / 60 | R32 (0.80 ) | 0.540 | 7.9 (A++) | 111 | 2.5 |
| DC12RK UL2 / DC12RK NSJ | 65 / 60 | R32 (0.80 ) | 0.540 | 7.6 (A++) | 161 | 3.5 |
| DC18RK UL2 / DC18RK NSK | 65 / 60 | R32 (1.00) | 0.675 | 7.0 (A++) | 250 | 5.0 |
| DC24RK U24 / DC24RK NSK | 70 / 65 | R32 (1.10) | 0.743 | 6.9 (A++) | 335 | 6.6 |
| PC09SK UA3 / PC09SK NSJ | 65 / 59 | R32 (0.70) | 0.473 | 7.0 (A++) | 125 | 2.5 |
| PC12SK UA3 / PC12SK NSJ | 65 / 59 | R32 (0.70) | 0.473 | 6.6 (A++) | 186 | 3.5 |
| PC18SK UL2 / PC18SK NSK | 65 / 60 | R32 (1.00) | 0.675 | 7.0 (A++) | 250 | 5.0 |
| PC24SK U24 / PC24SK NSK | 70 / 65 | R32 (1.10) | 0.743 | 6.9 (A++) | 335 | 6.6 |
| S09EG UA3 / S09EG NSJ | 65 / 59 | R32 (0.70) | 0.473 | 7.0 (A++) | 125 | 2.5 |
| S12EG UA3 / S12EG NSJ | 65 / 59 | R32 (0.70) | 0.473 | 6.6 (A++) | 186 | 3.5 |

| Model Number[3] (Outdoor unit / Indoor unit) | SCOP | | $Q_{HE}$[7] (kWh) | | Pdesignh (kW) | | The backup heating capacity[8] (kW) | |
|---|---|---|---|---|---|---|---|---|
| | Average | Warmer | Average | Warmer | Average | Warmer | Average | Warmer |
| AC09BK UA3 / AC09BK NSJ | 4.0 (A+) | 4.9 (A++) | 875 | 371 | 2.5 | 1.3 | 0 | 0 |
| AC12BK UA3 / AC12BK NSJ | 4.0 (A+) | 4.9 (A++) | 875 | 371 | 2.5 | 1.3 | 0 | 0 |
| AC18BK UL2 / AC18BK NSK | 4.3 (A+) | 5.3 (A+++) | 1270 | 555 | 3.9 | 2.1 | 0 | 0 |
| AC24BK U24 / AC24B NSK | 4.3 (A+) | 5.3 (A+++) | 1628 | 713 | 5.0 | 2.7 | 0 | 0 |
| DC09RK UL2 / DC09RK NSJ | 4.6 (A++) | 5.4 (A+++) | 852 | 389 | 2.8 | 1.5 | 0 | 0 |
| DC12RK UL2 / DC12RK NSJ | 4.6 (A++) | 5.4 (A+++) | 883 | 389 | 2.9 | 1.5 | 0 | 0 |
| DC18RK UL2 / DC18RK NSK | 4.3 (A+) | 5.3 (A+++) | 1270 | 555 | 3.9 | 2.1 | 0 | 0 |
| DC24RK U24 / DC24RK NSK | 4.3 (A+) | 5.3 (A+++) | 1628 | 713 | 5.0 | 2.7 | 0 | 0 |
| PC09SK UA3 / PC09SK NSJ | 4.0 (A+) | 4.9 (A++) | 875 | 371 | 2.5 | 1.3 | 0 | 0 |
| PC12SK UA3 / PC12SK NSJ | 4.0 (A+) | 4.9 (A++) | 875 | 371 | 2.5 | 1.3 | 0 | 0 |
| PC18SK UL2 / PC18SK NSK | 4.3 (A+) | 5.3 (A+++) | 1270 | 555 | 3.9 | 2.1 | 0 | 0 |
| PC24SK U24 / PC24SK NSK | 4.3 (A+) | 5.3 (A+++) | 1628 | 713 | 5.0 | 2.7 | 0 | 0 |
| S09EG UA3 / S09EG NSJ | 4.0 (A+) | 4.9 (A++) | 875 | 371 | 2.5 | 1.3 | 0 | 0 |
| S12EG UA3 / S12EG NSJ | 4.0 (A+) | 4.9 (A++) | 875 | 371 | 2.5 | 1.3 | 0 | 0 |

※ t-$CO_2$ eq = F-gas (kg) x GWP / 1000

## GWP(Global warming potential)[9]

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid, R32 with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

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