



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification : www.eurovent-certification.com

Create a Comfortable Home with Lower Energy Use

- Seamless Control with ThinQ App: Manage your air conditioner and other LG products effortlessly from anywhere, anytime.
- Active Energy Control: Efficiently adjust energy consumption levels and cooling capacity in Cooling Only Mode.
- Auto Cleaning: Ensures a clean air conditioner interior by drying the heat exchanger and performing an additional cleaning cycle.
- Gold Fin™ Coating: Protects the heat exchanger from unnecessary wear and corrosion, enhancing durability.

Single Combination

| EFFICIENT DATA | | | | S09EC.SSJS | S12EC.SSJS | S18EC.SSKS | S24EC.SSKS |
|--------------------------------------|---|---------------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Capacity | Cooling | Min ~ Rated ~ Max | kW | 0.89 / 2.5 / 3.7 | 0.89 / 3.5 / 4.04 | 0.9 / 5.0 / 5.5 | 0.9 / 6.6 / 7.42 |
| | Heating | Min ~ Rated ~ Max | kW | 0.89 / 2.8 / 4.1 | 0.89 / 3.71 / 5.1 | 0.9 / 5.4 / 6.4 | 0.9 / 7.0 / 8.64 |
| | Heating -7 °C | Max | kW | 2.6 | 3.0 | 4.2 | 6.0 |
| Power Input | Cooling | Min ~ Rated ~ Max | W | 200 / 656 / 1,400 | 200 / 1,080 / 1,400 | 210 / 1,562 / 1,940 | 210 / 2,164 / 2,500 |
| | Heating | Min ~ Rated ~ Max | W | 195 / 620 / 1,600 | 195 / 950 / 1,600 | 210 / 1,480 / 2,000 | 210 / 2,030 / 2,750 |
| Running Current | Cooling | Min ~ Rated ~ Max | A | 1.1 / 3.3 / 6.0 | 1.1 / 4.7 / 6.0 | 1.2 / 6.9 / 9.0 | 1.2 / 9.8 / 14.0 |
| | Heating | Min ~ Rated ~ Max | A | 1.1 / 2.8 / 7.0 | 1.1 / 4.3 / 7.0 | 1.2 / 6.7 / 9.5 | 1.2 / 9.1 / 14.0 |
| EER | | | W/W | 3.81 | 3.24 | 3.2 | 3.05 |
| SEER | | | - | 7.0 | 6.6 | 7.0 | 6.9 |
| COP | | | W/W | 4.5 | 3.91 | 3.65 | 3.45 |
| SCOP (Average / Warmer) | | | - | 4.0 (4.9) | 4.0 (4.9) | 4.3 (5.3) | 4.3 (5.3) |
| P design C / P design H | | | kW | 2.5 / 2.5 (1.3) | 3.5 / 2.5 (1.3) | 5.0 / 3.9 (2.1) | 6.6 / 5.0 (2.7) |
| Energy Label Grade (A+++ to D Scale) | Cooling | | - | A++ | A++ | A++ | A++ |
| | Heating (Average/Warmer) | | - | A+ (A++) | A+ (A++) | A+ (A+++) | A+ (A+++) |
| Annual Energy Consumption | Cooling | | kWh | 125 | 186 | 250 | 335 |
| | Heating (Average/Warmer) | | kWh | 875 (386) | 875 (386) | 1,270 (555) | 1,628 (713) |
| INDOOR UNIT | | | | S09EC.NSJS | S12EC.NSJS | S18EC.NSKS | S24EC.NSKS |
| Dimensions (W × H × D) | Net | | mm | 837 x 308 x 189 | 837 x 308 x 189 | 998 x 345 x 210 | 998 x 345 x 210 |
| | Shipping | | mm | 880 x 380 x 240 | 880 x 380 x 240 | 1,050 x 420 x 265 | 1,050 x 420 x 265 |
| Weight | Net | | kg | 8.7 | 8.7 | 11.2 | 11.9 |
| Air Filter Type | | | | Prefilter (Washable) | Prefilter (Washable) | Prefilter (Washable) | Prefilter (Washable) |
| Air Flow Rate | Cooling | SH / H / M / L | m ³ /min | 12.5 / 10.0 / 7.5 / 4.2 | 12.5 / 10.0 / 7.5 / 4.2 | 15.5 / 14.5 / 13.0 / 10.5 | 18.3 / 16.1 / 13.1 / 10.5 |
| | Heating | SH / H / M / L | m ³ /min | 13.0 / 10.0 / 7.2 / 5.6 | 13.0 / 10.0 / 7.2 / 5.6 | 18.5 / 16.0 / 13.5 / 11.0 | 19.8 / 17.6 / 14.3 / 11.0 |
| Sound Pressure Level | Cooling | SH / H / M / L / SL | dB(A) | 45 / 41 / 35 / 27 / 19 | 45 / 41 / 35 / 27 / 19 | 47 / 44 / 39 / 34 / 31 | 49 / 47 / 42 / 34 / 31 |
| | Heating | SH / H / M / L | dB(A) | 45 / 41 / 35 / 27 | 45 / 41 / 35 / 27 | 48 / 44 / 39 / 34 | 50 / 47 / 42 / 34 |
| Sound Power Level | | | dB(A) | 59 | 59 | 60 | 65 |
| Dehumidification Rate | | | l/h | 1.1 | 1.3 | 1.8 | 2.5 |
| Drain Hose Size | O.D, I.D | | mm | 21.5, 16 | 21.5, 16 | 21.5, 16 | 21.5, 16 |
| OUTDOOR UNIT | | | | S09EC.UA3S | S12EC.UA3S | S18EC.U2S | S24EC.U24S |
| Dimensions (W × H × D) | Net | | mm | 717 x 495 x 230 | 717 x 495 x 230 | 770 x 545 x 288 | 870 x 650 x 330 |
| | Shipping | | mm | 830 x 540 x 390 | 830 x 540 x 390 | 920 x 590 x 390 | 1,035 x 700 x 450 |
| Weight | Net | | kg | 25.2 | 25.2 | 32.8 | 44.4 |
| Operation Range | | | °C DB | -10 ~ 48 | -10 ~ 48 | -10 ~ 48 | -10 ~ 48 |
| | | | °C DB | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Power Supply | | | Ø, V, Hz | 1, 220 ~ 240, 50 | 1, 220 ~ 240, 50 | 1, 220 ~ 240, 50 | 1, 220 ~ 240, 50 |
| Sound Pressure Level | Cooling | Rated | dB(A) | 48 | 48 | 53 | 54 |
| | Heating | Rated | dB(A) | 50 | 50 | 55 | 57 |
| Sound Power Level | | | dB(A) | 65 | 65 | 65 | 70 |
| Air Flow Rate | | Max | m ³ /min | 27.0 | 27.0 | 35.0 | 49.0 |
| Circuit Breaker | | | A | 15 | 15 | 20 | 25 |
| Power Supply Cable | | | No. × mm ² | 3 × 1.0 | 3 × 1.0 | 3 × 1.5 | 3 × 2.5 |
| Power and Communication Cable | | | No. × mm ² | 4 × 1.0 (Including Earth) | 4 × 1.0 (Including Earth) | 4 × 1.0 (Including Earth) | 4 × 1.0 (Including Earth) |
| Refrigerant | Type / GWP (Global Warming Potential) | | - | R32 / 675 | R32 / 675 | R32 / 675 | R32 / 675 |
| | Pre Charged Amount / t-CO ₂ eq | | kg | 0.7 / 0.473 | 0.7 / 0.473 | 1.0 / 0.675 | 1.1 / 0.743 |
| | Chargeless | | m | 7.5 | 7.5 | 7.5 | 7.5 |
| | Additional Charge | | g/m | 20 | 20 | 20 | 20 |
| Piping | Size | Liquid | mm | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 |
| | | Gas | mm | ø 9.52 | ø 9.52 | ø 12.7 | ø 15.88 |
| Between Indoor & Outdoor | Piping Length | Min / Standard / Max | m | 3 / 7.5 / 15 | 3 / 7.5 / 15 | 3 / 7.5 / 20 | 3 / 7.5 / 30 |
| | | No Charge (Chargeless) | m | 7.5 | 7.5 | 7.5 | 7.5 |
| | | Max. Elevation Difference | m | 7 | 7 | 10 | 15 |
| Compressor | Type | | - | Inverter Twin Rotary | Inverter Twin Rotary | Inverter Twin Rotary | Inverter Twin Rotary |
| ACCESSORIES & OTHERS | | | | | | | |
| Multi Compatible | | | | Y | Y | Y | Y |
| PI 485 | | | | - | - | Y | Y |
| Dry Contact | | | | Y | Y | Y | Y |
| Wired Remote Controller | | | | Y | Y | Y | Y |

* : Sound Pressure is not a value declared on Eurovent Program.

※ This product contains Fluorinated greenhouse gases (R32).

※ S : Sleep / L : Low / M : Medium / H : High

※ GWP : Global warming potential

※ t-CO₂eq : F-gas(kg)*GWP/1000

※ Y : Available or Applied / - : Not Available or Not Applied

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.