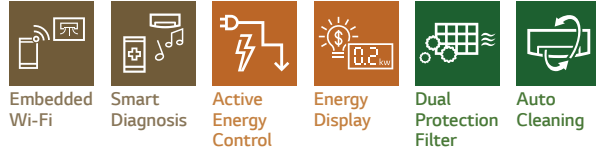


STANDARD PLUS (R32)



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



• Single Combination

| UNIT | | | | 9K | 12K | 18K |
|----------------------------|--------------------------|---------------|----------------------|-------------------------|-------------------------|---------------------------|
| INDOOR | | | | PC09SQ.NSJ | PC12SQ.NSJ | PC18SQ.NSK |
| Capacity | Cooling | Min/Rated/Max | W | 890/2500/3700 | 890/3500/4040 | 900/5000/5500 |
| | Heating +7°C | Min/Rated/Max | W | 890/3300/4100 | 890/4000/5100 | 900/5800/6400 |
| Power Input | Heating -7°C | Rated | W | 2600 | 3000 | 4200 |
| | Cooling | Rated | W | 656 | 1080 | 1562 |
| | Heating +7°C | Rated | W | 800 | 1050 | 1611 |
| EER | | | W/W | 3.81 | 3.24 | 3.20 |
| S.E.E.R. | | | | 7.0 | 6.6 | 7.0 |
| P design C | | | kW | 2.5 | 3.5 | 5.0 |
| COP | | | W/W | 4.13 | 3.81 | 3.60 |
| S.C.O.P. | | | | 4.0 | 4.0 | 4.3 |
| P design H | | | kW | 2.5 | 2.5 | 3.9 |
| Energy Label | Cooling (A++ to E Scale) | | | A++ | A++ | A++ |
| | Heating (A++ to E Scale) | | | A+ | A+ | A+ |
| Annual Energy Consumption | Cooling | | kWh | 125 | 186 | 250 |
| | Heating | | kWh | 875 | 875 | 1270 |
| Sound Pressure | Cooling | Sleep | dBA | 19 | 19 | 31 |
| | | Low | dBA | 27 | 27 | 34 |
| | | Medium | dBA | 35 | 35 | 39 |
| | Heating | High | dBA | 41 | 41 | 44 |
| | | Low | dBA | 27 | 27 | 34 |
| | | Medium | dBA | 35 | 35 | 39 |
| Sound Power | Cooling | High | dBA | 59 | 59 | 60 |
| | | Sleep | m ³ /min | 3.0 | 3.0 | 8.0 |
| | | Low | m ³ /min | 4.2 | 4.2 | 10.5 |
| Air Flow Rate | Cooling | Medium | m ³ /min | 7.5 | 7.5 | 13.0 |
| | | High | m ³ /min | 10.0 | 10.0 | 14.5 |
| | | Max (Power) | m ³ /min | 12.5 | 12.5 | 15.5 |
| | Heating | Low | m ³ /min | 5.6 | 5.6 | 11.0 |
| | | Medium | m ³ /min | 7.2 | 7.2 | 13.5 |
| | | High | m ³ /min | 10.0 | 10.0 | 16.0 |
| Dehumidification Rate | | | l/h | 1.1 | 1.3 | 1.8 |
| Running Current | Cooling | Rated | A | 3.3 | 4.7 | 6.9 |
| | | Max | A | 6.0 | 6.0 | 9.0 |
| | Heating | Rated | A | 4.0 | 4.7 | 7.1 |
| | | Max | A | 7.0 | 7.0 | 9.5 |
| Starting Current | Cooling | Rated | A | 3.3 | 4.7 | 6.9 |
| | Heating | Rated | A | 4.0 | 4.7 | 7.1 |
| Power Supply | | | ∅ / V / Hz | 1 / 220-240 / 50 | 1 / 220-240 / 50 | 1 / 220-240 / 50 |
| Circuit Breaker | | | A | 15 | 15 | 20 |
| Power Supply Cable | | | N x mm ² | 3*1.0 | 3*1.0 | 3 x 1.5 |
| Power & Transmission Cable | | | N x mm ² | 4*1.0 (Including Earth) | 4*1.0 (Including Earth) | 4 x 1.0 (Including Earth) |
| Dimension | | | mm | 837*308*189 | 837*308*189 | 998*345*210 |
| Net Weight | | | kg | 8.7 | 8.7 | 11.9 |
| Fan Motor Output | | | W | 30 | 30 | 30 |
| OUTDOOR | | | | PC09SQ.UA3 | PC12SQ.UA3 | PC18SQ.UL2 |
| Operation Range | Cooling | Min-Max | °CDB | -10-48 | -10-48 | -15-48 |
| | Heating | Min-Max | °CDB | -10-24 | -10-24 | -10-24 |
| Sound Pressure | Cooling | High | dBA | 48 | 48 | 53 |
| | Heating | High | dBA | 50 | 50 | 55 |
| Sound Power | Cooling | High | dBA | 65 | 65 | 65 |
| | Heating | High | dBA | 65 | 65 | 65 |
| Air Flow Rate | Cooling | High | m ³ /min | 27 | 27 | 35 |
| | Heating | High | m ³ /min | 3 | 3 | 3 |
| Piping | Length (Odu/Idu) | Min | m | 3 | 3 | 3 |
| | Elevation (Odu/Idu) | Max | m | 15 | 15 | 20 |
| Piping Connection | Liquid | Max | m | 7 | 7 | 10 |
| | | OD(Outside) | mm | 6.35 | 6.35 | 6.35 |
| | | OD(Outside) | inch | (1/4) | (1/4) | (1/4) |
| | Gas | OD(Outside) | mm | 9.52 | 9.52 | 12.7 |
| | | OD(Outside) | inch | (3/8) | (3/8) | (1/2) |
| | | OD(Outside) | mm | 21.5 | 21.5 | 21.5 |
| Drain | OD(Outside) | mm | 21.5 | 21.5 | 21.5 | |
| | OD(Outside) | inch | 0.85 | 0.85 | 0.85 | |
| Refrigerant | Type | | | R32 | R32 | R32 |
| | Charge at 7.5m | | g | 700 | 700 | 1000 |
| | Additional charge | | t-CO ₂ eq | 0.47 | 0.47 | 0.68 |
| | GWP | | g/m | 20 | 20 | 20 |
| | | | | | 675 | 675 |
| Fan Motor Output | | | W | 43 | 43 | 43 |
| Compressor Type | | | | Twin Rotary | Twin Rotary | Twin Rotary |
| Net Weight | | | kg | 25.1 | 25.1 | 34.4 |
| Dimension | | | mm | 717*483*230 | 717*483*230 | 770*545*288 |