



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

### AI-Advanced Care with Lower Energy Consumption

- Effortless Comfort with AI AIR: Your air conditioner takes care of everything, ensuring optimal comfort by adapting airflow with radar sensors that track your location and ambient temperature via ThinQ.
- Soft Air: Stay comfortably cool without a chill, thanks to ultra-fine settings for wind strength and temperature.
- Dual Vane Technology: Enjoy optimized control of two separate vanes through multi-link technology, expanding the range of airflow control.
- Comfort Humidity Control: Maintain the perfect environment by adjusting airflow based on the desired temperature and current humidity, ensuring no excess chill.
- AI kW Manager (Cooling Mode Only): Automatically set energy-saving stages based on your target electricity usage and period, making sure your air conditioner operates efficiently.
- All Cleaning: The unit automatically handles everything from cleaning to drying, keeping the interior hygienic.
- Automatic Energy Saving: Detects open windows and activates Pro-Active Energy Saving Mode Control to conserve energy.
- Sleep Timer+ (Plus): Analyzes your air conditioner usage patterns to automatically adjust cooling temperature for a perfect night's sleep.
- Low Heating, Allergy Filter, Freeze Cleaning: Features designed to ensure a cleaner, healthier, and more comfortable indoor environment.

DUALCOOL AI AIR SPECIAL

## Single Combination

| EFFICIENT DATA                       |   |                           |                       | P09SND.SS0                          | P12SND.SS0                          |
|--------------------------------------|---|---------------------------|-----------------------|-------------------------------------|-------------------------------------|
| Capacity                             | Cooling                                   | Min ~ Rated ~ Max         | kW                    | 0.89 / 2.5 / 3.6                    | 0.89 / 3.5 / 4.05                   |
|                                      | Heating                                   | Min ~ Rated ~ Max         | kW                    | 0.65 / 3.2 / 4.6                    | 0.65 / 3.7 / 5.0                    |
|                                      | Heating -7 °C                             | Max                       | kW                    | 3.3                                 | 3.6                                 |
| Power Input                          | Cooling                                   | Min ~ Rated ~ Max         | W                     | 180 / 590 / 1,260                   | 180 / 933 / 1,400                   |
|                                      | Heating                                   | Min ~ Rated ~ Max         | W                     | 180 / 740 / 1,450                   | 180 / 900 / 1,600                   |
| Running Current                      | Cooling                                   | Min ~ Rated ~ Max         | A                     | 1.50 / 2.9 / 5.5                    | 1.50 / 4.3 / 6.1                    |
|                                      | Heating                                   | Min ~ Rated ~ Max         | A                     | 1.50 / 3.5 / 6.3                    | 1.50 / 4.15 / 7.0                   |
| EER                                  |   |                           | W/W                   | 4.24                                | 3.75                                |
| SEER                                 |   |                           | -                     | 8.3                                 | 7.6                                 |
| COP                                  |   |                           | W/W                   | 4.32                                | 4.1                                 |
| SCOP (Average / Warmer)              |   |                           | -                     | 4.6 / 5.5                           | 4.6 / 5.5                           |
| P design C / P design H              |   |                           | kW                    | 2.5 / 2.7                           | 3.5 / 2.7                           |
| Energy Label Grade (A+++ to D Scale) | Cooling                                   |                           | -                     | A++                                 | A++                                 |
|                                      | Heating (Average/Warmer)                  |                           | -                     | A++ (A+++)                          | A++ (A+++)                          |
| Annual Energy Consumption            | Cooling                                   |                           | kWh                   | 105                                 | 161                                 |
|                                      | Heating (Average/Warmer)                  |                           | kWh                   | 822 (356)                           | 822 (356)                           |
| INDOOR UNIT                          |   |                           |                       | P09SND.NS0                          | P12SND.NS0                          |
| Dimensions (W x H x D)               | Net                                       |                           | mm                    | 799 x 307 x 235                     | 799 x 307 x 235                     |
|                                      | Shipping                                  |                           | mm                    | 871 x 383 x 296                     | 871 x 383 x 296                     |
| Weight                               | Net                                       |                           | kg                    | 10                                  | 10                                  |
| Air Filter Type                      |   |                           |                       | Prefilter (Washable), Allegy Filter | Prefilter (Washable), Allegy Filter |
| Air Flow Rate                        | Cooling                                   | SH / H / M / L            | m <sup>3</sup> /min   | 12.7 / 10.3 / 7.6 / 4.8             | 12.7 / 10.3 / 7.6 / 4.8             |
|                                      | Heating                                   | SH / H / M / L            | m <sup>3</sup> /min   | 13.0 / 10.3 / 7.6 / 4.8             | 13.0 / 10.3 / 7.6 / 4.8             |
| Sound Pressure Level                 | Cooling                                   | SH / H / M / L / SL       | dB(A)                 | 48 / 42 / 35 / 27 / 19              | 48 / 42 / 35 / 27 / 19              |
|                                      | Heating                                   | SH / H / M / L            | dB(A)                 | 48 / 42 / 35 / 27                   | 48 / 42 / 35 / 27                   |
| Sound Power Level                    |   |                           | dB(A)                 | 60                                  | 60                                  |
| Dehumidification Rate                |   |                           | l/h                   | 1.15                                | 1.30                                |
| Drain Hose Size                      | O.D, I.D                                  |                           | mm                    | 21.5, 16                            | 21.5, 16                            |
| OUTDOOR UNIT                         |   |                           |                       | P09SND.U12A                         | P12SND.U12A                         |
| Dimensions (W x H x D)               | Net                                       |                           | mm                    | 717 x 495 x 230                     | 717 x 495 x 230                     |
|                                      | Shipping                                  |                           | mm                    | 836 x 540 x 321                     | 836 x 540 x 321                     |
| Weight                               | Net                                       |                           | kg                    | 25                                  | 25                                  |
| Operation Range                      | Cooling                                   |                           | °C DB                 | -15 ~ 48                            | -15 ~ 48                            |
|                                      | Heating                                   |                           | °C DB                 | -15 ~ 24                            | -15 ~ 24                            |
| Power Supply                         |   |                           | Ø, V, Hz              | 1, 220 ~ 240, 50                    | 1, 220 ~ 240, 50                    |
| Sound Pressure Level                 | Cooling                                   | Rated                     | dB(A)                 | 48                                  | 48                                  |
|                                      | Heating                                   | Rated                     | dB(A)                 | 51                                  | 51                                  |
| Sound Power Level                    |   |                           | dB(A)                 | 60                                  | 60                                  |
| Air Flow Rate                        | Max                                       |                           | m <sup>3</sup> /min   | 27.0                                | 27.0                                |
| Circuit Breaker                      |   |                           | A                     | 15                                  | 15                                  |
| Power Supply Cable                   |   |                           | No. x mm <sup>2</sup> | 3 x 1.0                             | 3 x 1.0                             |
| Power and Communication Cable        |   |                           | No. x mm <sup>2</sup> | 4 x 1.0 (Including Earth)           | 4 x 1.0 (Including Earth)           |
| Refrigerant                          | Type / GWP (Global Warming Potential)     |                           | -                     | R32 / 675                           | R32 / 675                           |
|                                      | Pre Charged Amount / t-CO <sub>2</sub> eq |                           | kg                    | 0.73 / 0.493                        | 0.73 / 0.493                        |
|                                      | Chargeless                                |                           | m                     | 7.5                                 | 7.5                                 |
|                                      | Additional Charge                         |                           | g/m                   | 20                                  | 20                                  |
| Piping                               | Size                                      | Liquid                    | mm                    | ø 6.35                              | ø 6.35                              |
|                                      |   | Gas                       | mm                    | ø 9.52                              | ø 9.52                              |
| Between Indoor & Outdoor             | Piping Length                             | Min / Standard / Max      | m                     | 3 / 7.5 / 20                        | 3 / 7.5 / 20                        |
|                                      |   | No Charge (Chargeless)    | m                     | 7.5                                 | 7.5                                 |
|                                      |   | Max. Elevation Difference | m                     | 10                                  | 10                                  |
| Compressor                           | Type                                      |                           | -                     | Inverter Twin Rotary                | Inverter Twin Rotary                |
| ACCESSORIES & OTHERS                 |   |                           |                       |                                     |                                     |
| Multi Compatible                     |   |                           |                       | Y                                   | Y                                   |
| PI 485                               |   |                           |                       | -                                   | -                                   |
| Dry Contact                          |   |                           |                       | Y                                   | Y                                   |
| Wired Remote Controller              |   |                           |                       | 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-CO<sub>2</sub>eq : 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.

RESIDENTIAL

WALL MOUNTED