



# PRODUCT PERFORMANCE RATING

Document ID 011720201217-10658727

Issued on 17 January 2020

This product is certified by Eurovent Certita Certification as mentioned on

**Certificate N° 00.01.137**

This document is valid at the date of issue - **Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)**

|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| Product           | Air Conditioners / Climatiseurs (AC)                                    |
| Product type      | Comfort air conditioner from 12 to 50 kW/ air-cooled/ split/ reversible |
| Brand             | LG                                                                      |
| Range             | UU                                                                      |
| Product référence | UUD1 U30 / UT42F NAO                                                    |

This performance certificate is delivered for the following project:

| Project Name   | Company        | Project reference | Project location |
|----------------|----------------|-------------------|------------------|
| LG ELECTRONICS | LG ELECTRONICS | LG ELECTRONICS    | Italy            |

| FEATURE                            | VALUE | UNIT |
|------------------------------------|-------|------|
| STANDARD COOLING/COOLING PL COND A |       |      |
| Pc                                 | 12.10 | kW   |
| Pec                                | 3.31  | kW   |
| EER                                | 3.66  |      |



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| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| STANDARD HEATING |       |      |
| Ph               | 13.50 | kW   |
| Peh              | 3.51  | kW   |
| COP              | 3.85  |      |

| FEATURE  | VALUE | UNIT  |
|----------|-------|-------|
| ACOUSTIC |       |       |
| LwO env  | 69    | dB(A) |
| Lwl1 env | 61    | dB(A) |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| COOLING PL CONDB |       |      |
| PcB              | 8.92  | kW   |
| EERB             | 5.45  |      |



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| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| COOLING PL CONDC |       |      |
| PcC              | 5.73  | kW   |
| EERC             | 8.60  |      |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| COOLING PL CONDD |       |      |
| PcD              | 4.00  | kW   |
| EERD             | 11.70 |      |

| FEATURE         | VALUE  | UNIT |
|-----------------|--------|------|
| SEASONALCOOLING |        |      |
| Pdesignc        | 12.10  | kW   |
| SEER            | 7.00   |      |
| ηsc             | 277.00 | %    |



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| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| HEATING PL CONDA |       |      |
| PhA              | 8.40  | kW   |
| COPA             | 3.10  |      |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| HEATING PL CONDB |       |      |
| PhB              | 5.12  | kW   |
| COPB             | 4.20  |      |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| HEATING PL CONDC |       |      |
| PhC              | 3.29  | kW   |
| COPC             | 5.40  |      |



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| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| HEATING PL CONDD |       |      |
| PhD              | 3.10  | kW   |
| COPD             | 6.05  |      |

| FEATURE        | VALUE | UNIT |
|----------------|-------|------|
| BIVALENT POINT |       |      |
| Tbiv           | -7    | °C   |
| COP @ Tbiv     | 3.10  |      |
| Ph TBiv        | 8.40  | kW   |

| FEATURE         | VALUE  | UNIT |
|-----------------|--------|------|
| SEASONALHEATING |        |      |
| Pdesignh        | 9.50   | kW   |
| SCOP            | 4.30   |      |
| ηsh             | 169.00 | %    |



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| FEATURE             | VALUE | UNIT  |
|---------------------|-------|-------|
| ACOUSTIC IN HEATING |       |       |
| LwO env in heating  | 69    | dB(A) |
| LwI1 env in heating | 61    | dB(A) |

| FEATURE | VALUE | UNIT |
|---------|-------|------|
| PSBC    |       |      |
| Psbc    | 15.00 | W    |

| FEATURE | VALUE | UNIT |
|---------|-------|------|
| PSBH    |       |      |
| Psbh    | 15.00 | W    |



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| FEATURE           | VALUE    | UNIT |
|-------------------|----------|------|
| GENERAL           |          |      |
| Capacity Control  | Variable |      |
| Main Power Supply | 230-1-50 |      |
| Refrigerant       | R32      |      |
| Refr. Line        | 5        | m    |
| Mounting          | Cassette |      |