



# PRODUCT PERFORMANCE RATING

Document ID 091320190033-9571776

Issued on 13 September 2019

This product is certified by Eurovent Certita Certification as mentioned on

**Certificate N° 14.12.005**

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

|                   |   |
|-------------------|---|
| Product           | Variable refrigerant flow / Débit de réfrigérant variable (VRF) |
| Product type      | VRF / Air cooled/ Reversible                                    |
| Brand             | LG  |
| Range             | MULTI V 5   |
| Product référence | ARUN080LTE5   |

This performance certificate is delivered for the following project:

| Project Name   | Company | Project reference | Project location |
|----------------|---------|-------------------|------------------|
| LG Electronics |         | Benelux           | Netherlands      |

| FEATURE        | VALUE | UNIT |
|----------------|-------|------|
| <b>COOLING</b> |       |      |
| Pc out         | 22.40 | kW   |
| Pec out        | 5.36  | kW   |
| EERout         | 4.18  |      |



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| FEATURE        | VALUE | UNIT |
|----------------|-------|------|
| <b>HEATING</b> |       |      |
| Ph out         | 22.40 | kW   |
| Peh out        | 5.35  | kW   |
| COPout         | 4.19  |      |

| FEATURE          | VALUE | UNIT  |
|------------------|-------|-------|
| <b>ACOUSTICS</b> |       |       |
| LwO env          | 84.00 | dB(A) |

| FEATURE                     | VALUE | UNIT  |
|-----------------------------|-------|-------|
| <b>ACOUSTICS IN HEATING</b> |       |       |
| LwO env in heating          | 87.00 | dB(A) |



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| FEATURE                | VALUE  | UNIT |
|------------------------|--------|------|
| <b>SEASONALCOOLING</b> |        |      |
| SEER                   | 8.38   |      |
| $\eta_{sc}$            | 332.20 | %    |

| FEATURE                  | VALUE | UNIT |
|--------------------------|-------|------|
| <b>COOLING PL COND B</b> |       |      |
| PcB                      | 16.50 | kW   |
| EERB                     | 6.11  |      |

| FEATURE                  | VALUE | UNIT |
|--------------------------|-------|------|
| <b>COOLING PL COND C</b> |       |      |
| PcC                      | 10.60 | kW   |
| EERC                     | 10.30 |      |



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| FEATURE                  | VALUE | UNIT |
|--------------------------|-------|------|
| <b>COOLING PL COND D</b> |       |      |
| PcD                      | 7.71  | kW   |
| EERD                     | 15.10 |      |

| FEATURE                | VALUE  | UNIT |
|------------------------|--------|------|
| <b>SEASONALHEATING</b> |        |      |
| Pdesignh               | 18.90  | kW   |
| SCOP                   | 4.01   |      |
| $\eta_{sh}$            | 157.40 | %    |

| FEATURE                  | VALUE | UNIT |
|--------------------------|-------|------|
| <b>HEATING PL COND A</b> |       |      |
| PhA                      | 16.70 | kW   |
| COPA                     | 2.75  |      |



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| FEATURE                  | VALUE | UNIT |
|--------------------------|-------|------|
| <b>HEATING PL COND B</b> |       |      |
| PhB                      | 10.20 | kW   |
| COPB                     | 3.49  |      |

| FEATURE                  | VALUE | UNIT |
|--------------------------|-------|------|
| <b>HEATING PL COND C</b> |       |      |
| PhC                      | 6.55  | kW   |
| COPC                     | 6.04  |      |

| FEATURE                  | VALUE | UNIT |
|--------------------------|-------|------|
| <b>HEATING PL COND D</b> |       |      |
| PhD                      | 5.19  | kW   |
| COPD                     | 8.30  |      |



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| FEATURE           | VALUE  | UNIT |
|-------------------|--------|------|
| <b>T BIVALENT</b> |        |      |
| Tbiv              | -10.00 | °C   |
| PhTbiv            | 18.90  | kW   |
| COPTbiv           | 2.40   |      |

| FEATURE     | VALUE | UNIT |
|-------------|-------|------|
| <b>PSBC</b> |       |      |
| Psbc        | 40.00 | W    |

| FEATURE     | VALUE  | UNIT |
|-------------|--------|------|
| <b>PSBH</b> |        |      |
| Psbh        | 110.00 | W    |



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|--------------------------|-----------|------|
| <b>GENERAL - PRODUCT</b> |           |      |
| Mounting                 | cassette  |      |
| Cassette Type            | 4-way     |      |
| IU Range Names           | ARNU1**T* |      |
| Main Power Supply        | 400-3-50  |      |
| Refrigerant              | R410A     |      |
| Capacity Control         | Variable  |      |