



# PRODUCT PERFORMANCE RATING

Document ID 052520211432-23704533

Issued on 25 May 2021

This product is certified by Eurovent Certita Certification as mentioned on

**Certificate N° 03.01.247**

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 below 12 kW/ air-cooled/ split/ reversible |
| Brand             | AIRWELL  |
| Range             | HKD  |
| Product référence | AW-YKD024-H91/AW-HKD024-N91  |

This performance certificate is delivered for the following project:

| Project Name | Company | Project reference | Project location |
|--------------|---------|-------------------|------------------|
| Home         |         | VH                | Belarus          |

| FEATURE                                   | VALUE | UNIT |
|---|-------|------|
| <b>STANDARD COOLING/COOLING PL COND A</b> |       |      |
| Pc  | 7.03  | kW   |
| Pec                                       | 2.54  | kW   |
| EER                                       | 2.77  |      |



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| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>STANDARD HEATING</b> |       |      |
| Ph                      | 7.28  | kW   |
| Peh                     | 2.43  | kW   |
| COP                     | 3.00  |      |

| FEATURE         | VALUE | UNIT  |
|-----------------|-------|-------|
| <b>ACOUSTIC</b> |       |       |
| LwO env         | 67    | dB(A) |
| LwI1 env        | 60    | dB(A) |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>COOLING PL CONDB</b> |       |      |
| Pc @ 30°C               | 4.90  | kW   |
| EER @ 30°C              | 4.46  |      |



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| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>COOLING PL CONDC</b> |       |      |
| Pc @ 25°C               | 2.99  | kW   |
| EER @ 25°C              | 7.88  |      |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>COOLING PL CONDD</b> |       |      |
| Pc @ 20°C               | 3.57  | kW   |
| EER @ 20°C              | 10.00 |      |

| FEATURE                               | VALUE  | UNIT      |
|---------------------------------------|--------|-----------|
| <b>SEASONAL EFFICIENCY IN COOLING</b> |        |           |
| Pdesignc                              | 7.00   | kW        |
| SEER                                  | 6.10   |           |
| Qce                                   | 402.00 | kWh/annum |
| SEER Class                            | A++    |           |



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| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>HEATING PL CONDA</b> |       |      |
| Ph @ -7°C               | 4.70  | kW   |
| COP @ -7°C              | 2.59  |      |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>HEATING PL CONDB</b> |       |      |
| Ph @ +2°C               | 2.94  | kW   |
| COP @ 2°C               | 3.87  |      |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>HEATING PL CONDC</b> |       |      |
| Ph @ +7°C               | 2.01  | kW   |
| COP @ +7°C              | 5.30  |      |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>HEATING PL CONDD</b> |       |      |
| Ph @ +12°C              | 2.12  | kW   |
| COP @ +12°C             | 6.62  |      |



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| FEATURE                        | VALUE   | UNIT      |
|--------------------------------|---------|-----------|
| <b>HEATING AVERAGE CLIMATE</b> |         |           |
| Pdesignh                       | 5.30    | kW        |
| SCOP                           | 4.00    |           |
| SCOP Class                     | A+      |           |
| Qhe                            | 1855.00 | kWh/annum |

| FEATURE               | VALUE | UNIT |
|-----------------------|-------|------|
| <b>BIVALENT POINT</b> |       |      |
| Tbiv                  | -7    | °C   |
| COP @ Tbiv            | 2.59  |      |
| Ph TBiv               | 4.70  | kW   |

| FEATURE                | VALUE  | UNIT |
|------------------------|--------|------|
| <b>TOL RUNING TEST</b> |        |      |
| TOL                    | -15.00 | °C   |
| Ph @ TOL               | 5.39   | kW   |
| COP @ TOL              | 1.93   |      |



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| FEATURE      | VALUE | UNIT |
|--------------|-------|------|
| <b>POFFC</b> |       |      |
| Poff         | 1.00  | W    |

| FEATURE     | VALUE | UNIT |
|-------------|-------|------|
| <b>PSBC</b> |       |      |
| Psb         | 1.00  | W    |

| FEATURE     | VALUE | UNIT |
|-------------|-------|------|
| <b>PTOC</b> |       |      |
| Pto         | 12.00 | W    |

| FEATURE      | VALUE | UNIT |
|--------------|-------|------|
| <b>POFFH</b> |       |      |
| Poffh        | 1.00  | W    |

| FEATURE     | VALUE | UNIT |
|-------------|-------|------|
| <b>PSBH</b> |       |      |
| Psbh        | 1.00  | W    |



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| FEATURE     | VALUE | UNIT |
|-------------|-------|------|
| <b>PTOH</b> |       |      |
| Ptoh        | 12.00 | W    |

| FEATURE           | VALUE        | UNIT |
|-------------------|--------------|------|
| <b>GENERAL</b>    |              |      |
| Capacity Control  | Variable     |      |
| Main Power Supply | 230-1-40     |      |
| Refrigerant       | R32          |      |
| Refr. Line        | 5 m          | m    |
| Mounting          | Wall mounted |      |