



# PRODUCT PERFORMANCE RATING

Document ID 040820211035-23176676

Issued on 8 April 2021

This product is certified by Eurovent Certita Certification as mentioned on

**Certificate N° 94.01.087**

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             | DAIKIN                                                             |
| Range             | RXM                                                                |
| Product référence | RXM50R / FVXM50A                                                   |

This performance certificate is delivered for the following project:

| Project Name          | Company   | Project reference | Project location |
|-----------------------|-----------|-------------------|------------------|
| Daikin FVXM50A_RXM50R | Cameo ltd | FVXM50A           | Bulgaria         |

| FEATURE                                   | VALUE | UNIT |
|-------------------------------------------|-------|------|
| <b>STANDARD COOLING/COOLING PL COND A</b> |       |      |
| Pc                                        | 5.00  | kW   |
| Pec                                       | 1.31  | kW   |
| EER                                       | 3.81  |      |



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| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>STANDARD HEATING</b> |       |      |
| Ph                      | 5.80  | kW   |
| Peh                     | 1.52  | kW   |
| COP                     | 3.81  |      |

| FEATURE         | VALUE | UNIT  |
|-----------------|-------|-------|
| <b>ACOUSTIC</b> |       |       |
| LwO env         | 62    | dB(A) |
| LwI1 env        | 61    | dB(A) |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>COOLING PL CONDB</b> |       |      |
| Pc @ 30°C               | 3.69  | kW   |
| EER @ 30°C              | 5.49  |      |



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| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>COOLING PL CONDC</b> |       |      |
| Pc @ 25°C               | 2.37  | kW   |
| EER @ 25°C              | 8.59  |      |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>COOLING PL CONDD</b> |       |      |
| Pc @ 20°C               | 2.20  | kW   |
| EER @ 20°C              | 12.51 |      |

| FEATURE                               | VALUE  | UNIT      |
|---------------------------------------|--------|-----------|
| <b>SEASONAL EFFICIENCY IN COOLING</b> |        |           |
| Pdesignc                              | 5.00   | kW        |
| SEER                                  | 7.30   |           |
| Qce                                   | 240.00 | kWh/annum |
| SEER Class                            | A++    |           |



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| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>HEATING PL CONDA</b> |       |      |
| Ph @ -7°C               | 3.63  | kW   |
| COP @ -7°C              | 3.16  |      |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>HEATING PL CONDB</b> |       |      |
| Ph @ +2°C               | 2.21  | kW   |
| COP @ 2°C               | 4.45  |      |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>HEATING PL CONDC</b> |       |      |
| Ph @ +7°C               | 1.67  | kW   |
| COP @ +7°C              | 5.15  |      |

| FEATURE                 | VALUE | UNIT |
|-------------------------|-------|------|
| <b>HEATING PL CONDD</b> |       |      |
| Ph @ +12°C              | 1.84  | kW   |
| COP @ +12°C             | 5.98  |      |



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| FEATURE                        | VALUE | UNIT |
|--------------------------------|-------|------|
| <b>HEATING AVERAGE CLIMATE</b> |       |      |
| Pdesignh                       | 4.10  | kW   |
| SCOP                           | 4.31  |      |
| SCOP Class                     | A+    |      |

| FEATURE               | VALUE | UNIT |
|-----------------------|-------|------|
| <b>BIVALENT POINT</b> |       |      |
| Tbiv                  | -7    | °C   |
| COP @ Tbiv            | 3.16  |      |
| Ph TBiv               | 3.63  | kW   |

| FEATURE                | VALUE  | UNIT |
|------------------------|--------|------|
| <b>TOL RUNING TEST</b> |        |      |
| TOL                    | -15.00 | °C   |
| COP @ TOL              | 1.82   |      |
| Ph @ TOL               | 3.49   | kW   |



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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         | 7.00  | W    |

| FEATURE    | VALUE | UNIT |
|------------|-------|------|
| <b>PCK</b> |       |      |
| Pck        | 0.00  | W    |

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



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| FEATURE     | VALUE | UNIT |
|-------------|-------|------|
| <b>PTOH</b> |       |      |
| Ptoh        | 15.00 | W    |

| FEATURE           | VALUE          | UNIT |
|-------------------|----------------|------|
| <b>GENERAL</b>    |                |      |
| Capacity Control  | variable       |      |
| Main Power Supply | 230-1-50       |      |
| Refrigerant       | R32            |      |
| Refr. Line        | 5 m            | m    |
| Mounting          | Floor standing |      |