

# Streamer technology air purifier

MC55VB



Flash Streamer

## Powerful air purification

- › Effectiveness against respiratory viruses evaluated by Institut Pasteur de Lille\*
- › Pure air thanks to Daikin 'Catch and Clean' approach in decomposing harmful substances
- › High performance electrostatic HEPA filter which doesn't clog easily, hence causes low pressure loss
- › One of the most silent Air Purifier range on the European market
- › No need to change the filter for ten years, resulting in low maintenance costs
- › Purifies the air in rooms up to 82m<sup>2</sup>, perfect for large living areas

\*Daikin device MC55WWM (commercial names MC55W/VB), tested by Institut Pasteur de Lille, removes 99.93 % of Influenza A virus subtype H1N1 in 2.5 minutes running time at 'turbo' speed in laboratory conditions (air-tight chamber with inner volume 0.47 m<sup>3</sup>, no air renewal).

Daikin device MC55WWM (commercial names MC55W/VB), tested by Institut Pasteur de Lille, removes 99.98 % of Human Coronavirus HCoV-229E in 2.5 minutes running time at 'turbo' speed in laboratory conditions (air-tight chamber with inner volume 1.4 m<sup>3</sup>, no air renewal). Human Coronavirus HCoV-229E is different from the virus responsible for COVID-19, SARS-CoV-2, but belongs to the same family of coronaviruses.

# MC55VB



MC55VB

| Indoor Unit              |                         | MC   | 55VB   |
|--------------------------|-------------------------|--|--|
| Application              |                         |  | Floor standing type  |
| Applicable room area     |                         | m <sup>2</sup>   | 41 (1) / 82 (2)  |
| CADR                     |                         | m <sup>3</sup> /h                                      | 320 (3)  |
| Weight                   | Unit                    | kg   | 6.8  |
| Dimensions               | (H×W×D)                 | mm   | 500 / 270 / 270  |
| Casing                   | Colour                  |  | White  |
| Fan                      | Type                    |  | Multi Blade Fan (Sirocco fan with shroud assembly)   |
|                          | Air flow rate           | Air purifying operation<br>Silent/Low/<br>Medium/Turbo | m <sup>3</sup> /h<br>66 / 120 / 192 / 330  |
| Sound pressure level (4) | Air purifying operation | Silent/Low/Medium/Turbo                                | dBA<br>19 / 29 / 39 / 53   |
| Air purifying operation  | Power input             | Silent/L/M/Turbo                                       | kW<br>0.008 / 0.010 / 0.015 / 0.037  |
| Deodorizing method       |                         |  | Flash streamer + Deodorizing catalyst  |
| Dust collecting method   |                         |  | Electrostatic HEPA filter (5)  |
| Air filter               | Type                    |  | Polyethylene terephthalate net   |
| Sign                     | Item                    | 01   | Dust: 3 stages / Odour: 3 stages / Anti-pollen mode / Child proof lock lamp / PM 2.5 sensor lamp: 6 stages / Airflow rate (LL/L/M/H) / Auto fan mode (LL-H) / Econo mode / ON/OFF lamp / Streamer lamp |
| Power supply             | Phase/Frequency/Voltage | Hz/V   | 1~/50/60/220-240/220-230   |
| Type                     |                         |  | Air Purifier   |

(1) The applicable room area is appropriate for operating the unit of maximum fan speed (HH). Applicable room area indicates the space where a certain amount of dust particles can be removed in 30 minutes. (JEM 1467) |

(2) Converted to NRCC standards from test values in accordance with JEM 1467. |

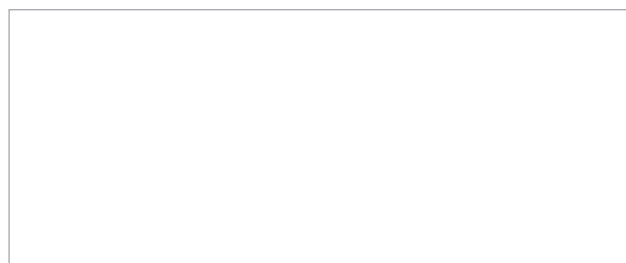
(3) Converted to CADR standards from test values in accordance with JEM 1467. |

(4) Operating sound levels are the average of values measured at 1m away from the front, left, right and top of the unit. (These are equal to the values in an anechoic chamber) |

(5) Electrostatic HEPA filter is attached in the unit. |

(6) Other function: Active plasmatron function. Auto-restart function.

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