

# Streamer technology air purifier

MC55W



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 MC55WVM (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 MC55WVM (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.

# MC55W



MC55W

Indoor Unit		MC	55W
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 x W x D)		mm	500 / 270 / 270
Casing		Colour	White
Fan		Type	Multi Blade Fan (Sirocco fan)
	Air flow rate	Air purifying operation Silent/Low/ Medium/Turbo	m <sup>3</sup> /h 66 / 120 / 192 / 330
Sound pressure level (4)	Air purifying operation	Silent/Low/Medium/Turbo	dBA 19 / 29 / 39 / 53
Air purifying operation	Power input	Silent/L/M/Turbo	kW 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 / Econo mode / ON/OFF lamp / Streamer lamp / Airflow rate: Quiet/Low/Standard/Turbo / AUTO FAN mode
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 JEM1467. |

(3) Converted to CADR standards from test values in accordance with JEM1467. |

(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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ECPEN22-702A

06/2022

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