

MC55VB / MC30YB

Air Purifier with Streamer Technology



MC55VB



MC30YB

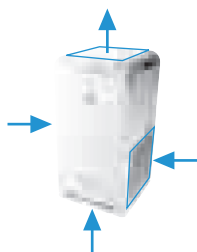


* MC55VB only

Three steps to decompose harmful substances

1 Powerful suction

Takes in air over a wide area from three directions.



2 High energy efficiency

Efficiently catches dust and pollutants with an electrostatic HEPA filter.



3 Decomposition

Uses Daikin's Streamer technology to decompose, by oxidation, harmful substances caught on the filter.



Specifications:

Model			MC55VB				MC30YB		
Colour			White				White		
Mode			Air purifying operation				Air purifying operation		
Applicable room area [1]		m²	82				46		
Clean Air Delivery Rate (CADR)		m³/hr	320				180		
Power supply			1 Phase, 230V, 50hz				1 Phase, 230V, 50hz		
Fan		Type	Multi Blade Fan (Sirocco fan with shroud assembly)				AC Fan		
Mode			Quiet	Low	Standard	Turbo	Low	Standard	Turbo
Airflow rate		m³/sec	0.018	0.033	0.053	0.092	0.017	0.033	0.050
Power consumption		kW	0.008	0.010	0.015	0.037	0.008	0.015	0.025
Sound pressure level		dBA	19	29	39	53	19	27	37
Dimensions		H x W x D mm	500 x 270 x 270				450 x 270 x 270		
Weight		kg	6.8				5.8		
Deodorising method			Flash streamer + Deodorising catalyst				Flash streamer + Deodorising catalyst		
Dust collection filter			Electrostatic HEPA Filter				Electrostatic HEPA Filter		
Air filter		Type	PET net				PET net		

[1] according to NRCC-54013 which uses the clean air delivery rate, i.e. how much clean air is produced in one hour.

Accessory	Description		MC55VB	MC30YB
KAFF080B4	Dust collection Filter (1 sheet), needed after about 10 years		✓	
BAFP500A	Dust collection Filter (1 sheet), needed after about 10 years			✓

Features

- › Pure air due to double air purification (Active Plasma Ion unit and Streamer Technology)
- › High performance HEPA filter to catch 99.9% of 0.3µm
- › Low maintenance
- › Powerful air suction
- › Stylish new compact design
- › Whisper quiet
- › Suitable for bedrooms, meeting rooms, offices, nurseries, care homes, etc.

The streamer symbol consists of three Cs

CATCH: The dust collection filter catches the floating substances with the attached harmful gases and Streamer decomposes the gases by oxidation.

CYCLE: The deodorising filter adsorbs and decomposes odour. Thanks to the

regeneration of the adsorbing capacity, the deodorising capacity is maintained. There is no need to change the deodorising filter, unlike air purifiers with activated carbon filters.

CLEAN: Removes bacteria from dust collection filter.

The patented Flash Streamer technology in Daikin Air Purifiers has been proven to inactivate airborne bacteria and viruses – including up to 99.98% of the human coronavirus HCoV-229E.* The Flash Streamer technology is not meant to be used for medical purposes.

* Source: Institut Pasteur de Lille test report 2021. TM Testing laboratory 'Institut Pasteur de Lille' France, evaluated the effectiveness of Daikin's Air Purifiers against the respiratory viruses: – HCoV-229E (of the same family as SARS-CoV-2, the coronavirus causing the COVID-19 pandemic) – Influenza A virus subtype H1N1 (causing seasonal flu).

Functions:

	MC55VB	MC30YB
Dust (PM2.5/dust) and odour sensor lamps	✓	
Streamer discharge	✓	✓
Active plasma ion	✓	
Electrostatic HEPA filters	✓	✓
Streamer regenerated deodorizing filter	✓	✓
Econo mode	✓	
Auto fan mode	✓	
Anti-pollen mode	✓	
Turbo mode	✓	✓
Childproof lock	✓	✓
Brightness adjustment	✓	
Auto restart after power failure	✓	✓
Stabilizer free	✓	

The applicable room area for NRCC-54013 was converted from test values in accordance with JEM1467.

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)

Electrostatic HEPA filter is included in the unit.



The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.

