



Air purifier with Streamer technology

MC55VB

Powerful air purification

According to Allergy UK, people today spend on average 90% of their time indoors. So good indoor air quality is crucial for our health.

Pure indoor air is especially important for vulnerable groups – such as the very young and old, as well as people living with respiratory diseases and allergies. Yet our homes are often poorly ventilated and can be highly polluted, with some pollutant levels being up to 10 times higher than outside.

Daikin's Air Purifier is designed to deal with harmful particles, as well as dust, odours, bacteria, pet hairs, moulds, pollen and mites and other allergens, leaving the indoor air clean and healthy.

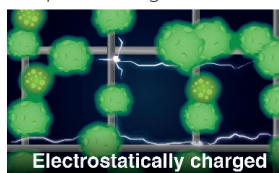
Pure air thanks to air purification technologies

The Flash Streamer technology releases ions into the air by plasma discharge and combines them with components in the air to generate active components such as OH radicals with strong oxidising power. They attach to the surface of fungi and allergens and decompose proteins in the air by oxidation. On the inside, the Flash Streamer

decomposes hazardous elements. 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.*

High performance HEPA filter catches fine particles of dust

The filter collects dust effectively with electrostatic forces (< 99% of 0.3µm). It is not prone to clogging, unlike non-electrostatic HEPA filters which collect particles only via the fineness of the mesh. Therefore a larger amount of air can pass through the filter and be cleaned accordingly.



Low maintenance

Dirty filters, grilles and sensors can be cleaned easily by either vacuuming or using a damp cloth. Dust filters may only need to be replaced every 10 years dependent on usage and location.

Powerful suction

The air purifier takes in air from the front and side of the unit covering a wide area. Ambient air is cleaned inside the air purifier and discharged at the top covering an area of up to 41m².

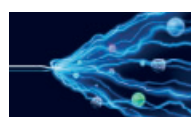
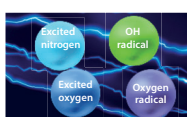
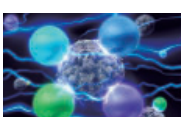
The Allergy UK Seal of Approval reassures that the product is efficient at reducing small particulates which may include allergens, bacteria and viruses.



MC55VB



Controller
ARC483A6

		
Streamer emits high-speed electrons.	The electrons collide and combine with nitrogen and oxygen in the air to form four kinds of elements.	These elements provide decomposition power.

*Source: Institut Pasteur de Lille test report 2021.

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)



TM

Daikin Air purifier

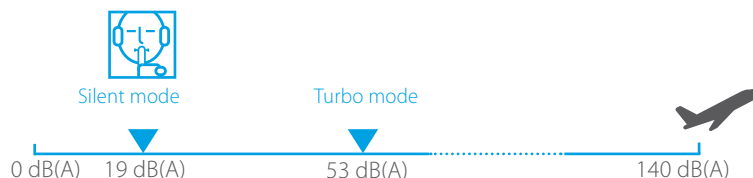
Stylish new compact design

Daikin's light-weight air purifier has a small footprint, enhanced level indicator for PM2.5, dust and odour control.



Whisper quiet

The four different fan settings (quiet, low, standard and turbo) mean the air purifier can be used in offices, hallways, living and bed rooms.



Model		MC55VB			
Application		Floor standing type			
Colour		White			
Mode		Air purifying operation			
Applicable room area	m ²	41			
Power supply		1 Phase, 230V, 50hz			
Fan		Multi Blade Fan (Sirocco fan with shroud assembly)			
Modes		Quiet	Low	Standard	Turbo
Airflow rate	m ³ /sec	0.018	0.033	0.053	0.092
Power consumption	kW	0.008	0.010	0.015	0.037
Sound pressure level	dB(A)	19	29	39	53
Dimensions	Unit	500 x 270 x 270			
Weight	Unit	6.8			
Deodorizing method		Flash streamer + Deodorizing catalyst			
Dust collecting method		Electrostatic HEPA filter			
Air filter	Type	PET net			

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) | 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 attached in the unit.

Accessories

Accessory reference	Description
KAFP080B4	Dust collection Filter (1 sheet), needed after about 10 years

Functions

Description	
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	✓
Child proof lock	✓
Brightness adjustment	✓
Auto restart after power failure	✓
Stabilizer free	✓

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