

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 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 Streamer decomposes hazardous elements. The Flash Streamer technology is not



high-speed electrons.





combine with nitrogen and oxygen in the air to form

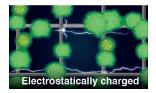
decomposition power. four kinds of elements.

Source: "Study report on the inactivation effect of plasma ion generator (Daikin Streamer) on SARS-CoV-2" redacted by Shigeru Morikawa, Department of Veterinary Medicine, Microbiology Course, Okayama University of Science

meant to be used for medical purposes. Daikin's patented streamer technology inactivates more than 99.9% of the novel Coronavirus (SARS-CoV-2) after three hours.*

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 41m^2 .

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







Controller ARC483A6





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 | | | | | MC | 55VB | |
|-------------------------------------|------|--------------------|--|--------------------------------------|-------|----------|-------|
| Application | | | | Floor standing type | | | |
| Colour | | | | White | | | |
| Mode | | | | Air purifying operation | | | |
| Applicable room area m ² | | | 41 | | | | |
| Power supply | | | 1 Phase, 220-240/220-230v, 50/60hz | | | | |
| Fan | | | Multi Blade Fan (Sirocco fan with shroud assembly) | | | | |
| Modes | | | | Quiet | Low | Standard | Turbo |
| Airflow rate | | | m³/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) | | | dB(A) | 19 | 29 | 39 | 53 |
| Dimensions | Unit | HeightxWidthxDepth | mm | 500 x270 x270 | | | |
| Weight | Unit | | kg | 6.8 | | | |
| Deodorizing method | | | Flash streamer + Deodorizing catalyst | | | | |
| Dust collecting method | | | Electrostatic HEPA filter | | | | |
| Air filter | Type | | | Polyethylene terephthalate net (PET) | | | |

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 remover 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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