



THE DAIKIN **AIR PURIFIER** BREATHE HEALTH



Daikin Air Purifier

Eliminates **99.98%** of Human Coronavirus in just 2.5 minutes*

*According to tests performed in the laboratories of the Institut Pasteur de Lille, Daikin's air purifier eliminates more than 99.98% of the human coronavirus HCoV-229E in 2.5 minutes.

Causes of Poor Indoor Air Quality

Indoor air quality is defined as the quality of the air in and around a building, particularly in relation to the health and comfort of occupants. It is affected by complex and interlinked factors, particularly concerning health, due to both outside and inside air pollution.

Primary air pollution sources in buildings and how they affect IAQ:



Indoor Sources

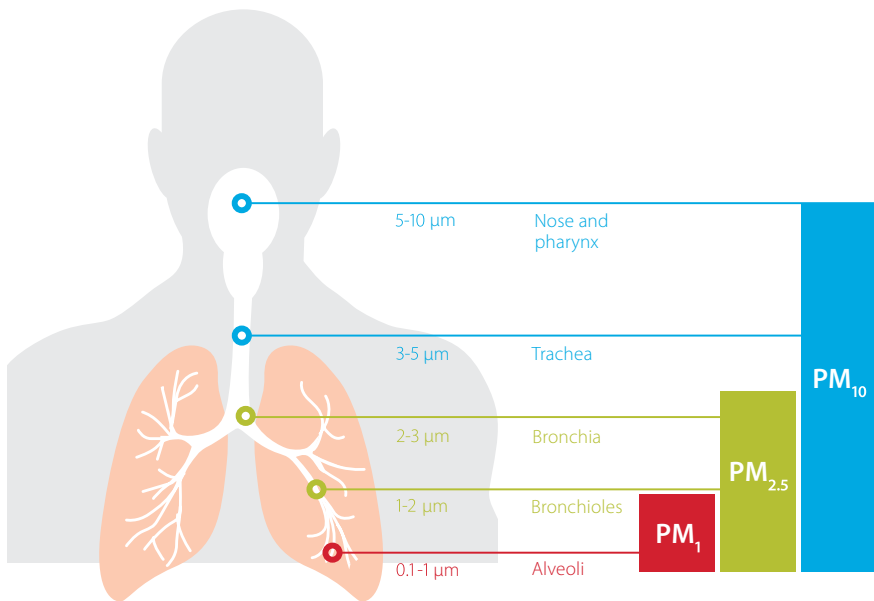
- Human or animal activity (dead skin, hair CO₂, viruses and others)
- Cigarette smoke
- Dust
- Bacteria
- Mold
- Volatile Organic Compounds (VOCs - carbon-based compounds that can easily evaporate)



Harmful Effects of Poor Air Quality

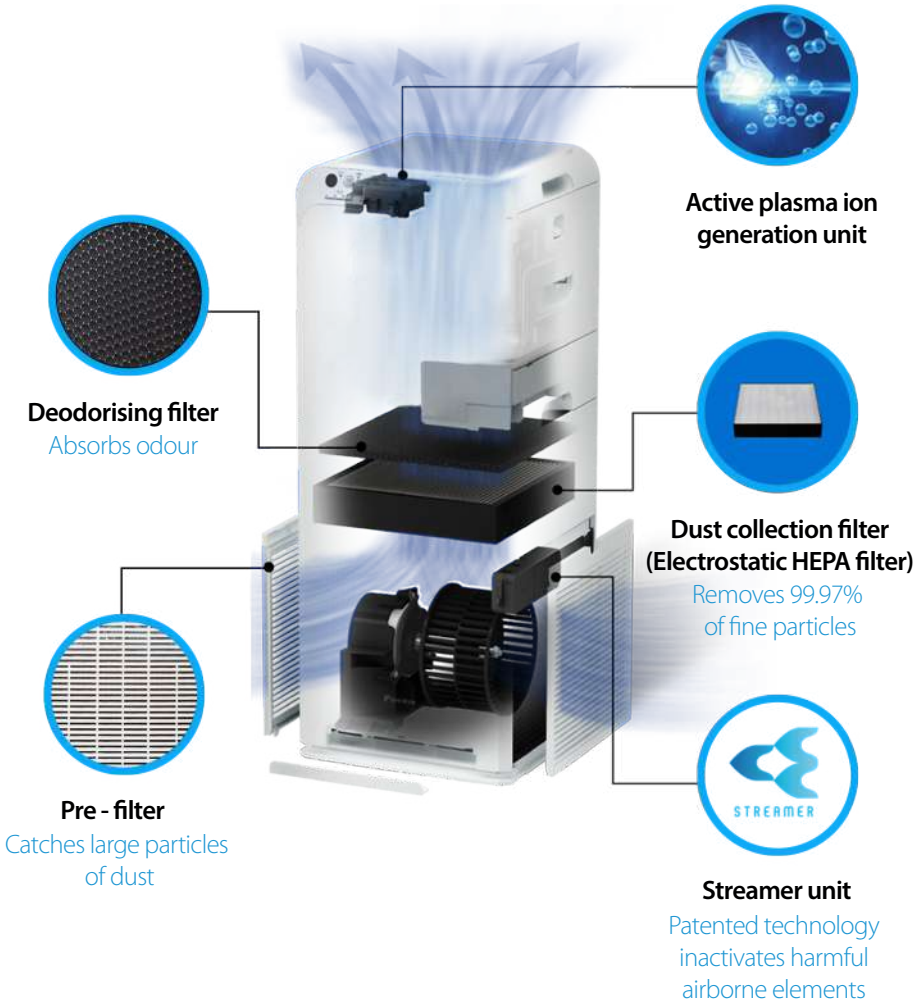
Pollution consists of several types of airborne elements which pose serious threats to your health. Exposure to a high concentration of particulate matter (PM₁/2.5/10) can lead to health complications such as eye, nose, throat, and lung irritation, coughing, sneezing, runny nose and shortness of breath.

Also, exposure to fine particles can affect lung function and worsen medical conditions like asthma and heart disease.



Daikin Air Purifier

Breathe Health



Institut Pasteur de Lille Assessed the Efficiency of Daikin's Air Purifiers

Institut Pasteur de Lille evaluated the effectiveness of Daikin's air purifiers against respiratory viruses.

99.98%
of **coronavirus** removed
in **2.5 minutes***

According to tests performed at the Institut Pasteur de Lille laboratories, Daikin's air purifiers remove more than 99.98% of the human coronavirus HCOV-229E in 2.5 minutes. This virus is of the same family as SARS-CoV-2, the coronavirus behind the COVID-19 pandemic.



*Full details on <https://www.daikinmea.com>

Powerful Suction

Wide and powerful air suction in three directions to draw in ultra-fine particles, including viruses, bacteria and allergens.

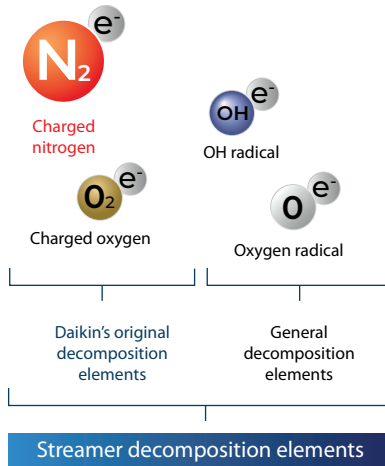


Streamer Technology

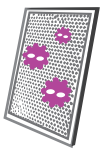
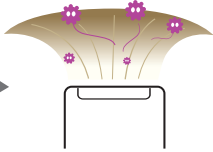
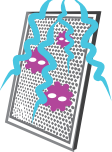
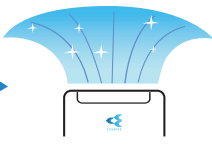
The Streamer technology developed by Daikin Industries is an epoch-making air purification technology that has successfully generated *high-speed electrons*, which had been considered difficult up to that time.

The streamer discharge has 1000 times higher oxidative decomposition power compared to the general plasma discharge.

High-speed electrons combine with air components to produce four kinds of radicals:



Streamer has unique capability to clean

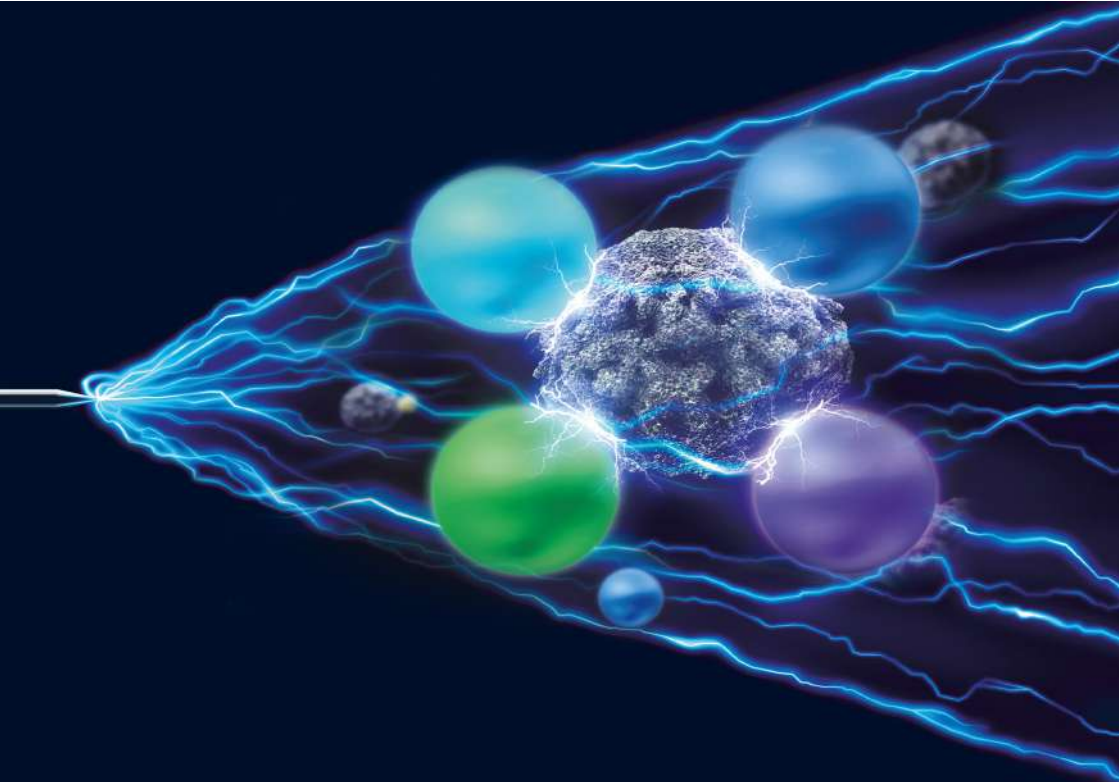
Conventional type		Daikin way	
			
Harmful substances caught by the filter remain inside it	High possibility of harmful substances expelling back and contaminating the room	Streamer that decomposes harmful substances ensures the filter is always clean	Harmful substances will not be expelled back

Streamer Technology



The Streamer decomposition elements continuously act on odours, bacteria, and indoor pollutants like formaldehyde. So far, we have demonstrated in collaboration with universities and public research institutes that the streamer works on harmful substances such as the influenza virus, norovirus, toxins and bacteria that cause food poisoning.

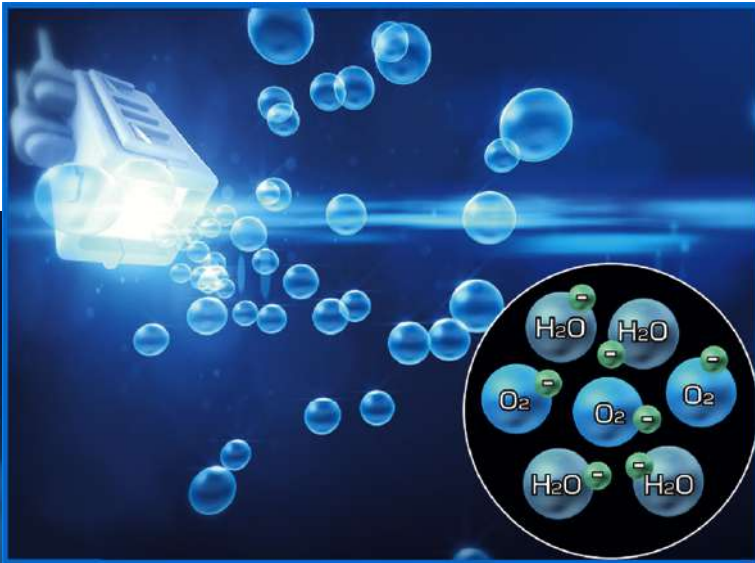
Daikin's Streamer has been proven to inactivate 14 viruses, 11 types of bacteria, as well as moulds, allergens, and hazardous gases*.



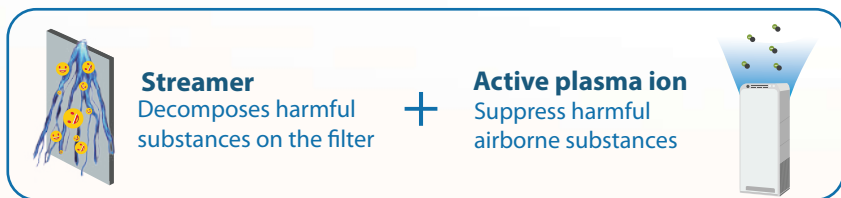
*Experiments conducted by Daikin Japan in collaboration with Japanese Universities. Full details are available on Streamer Research Institute: www.daikin-streamer.com

Active Plasma Ion Discharge

The Active Plasma Ion discharge rapidly oxidises allergens or particles that cause odour and effectively decompose viruses and bacteria. This technology uses a plasma discharge to release ions, which combine with the air components to form strong oxidizing species like the OH radical, to reduce harmful airborne elements.



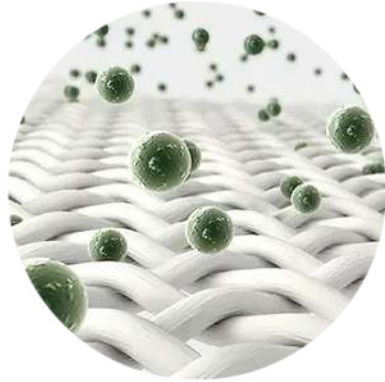
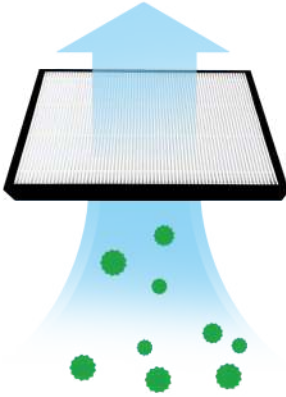
Unique Double Purification Method



Daikin's unique double purification combines the benefits of active plasma ion discharge along with Streamer technology to deliver raw purification power. The Active Plasma Ion Discharge reduces harmful airborne substances while the streamer decomposes bacteria and other elements caught by the filters.

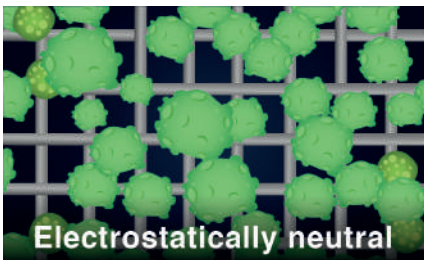


Electrostatic HEPA Filter



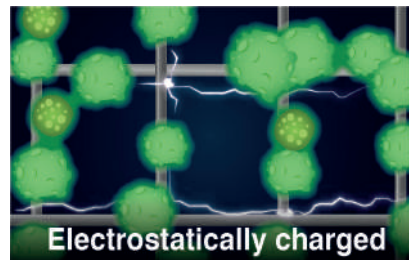
High performance electrostatic filter to catch fine particles of dust

The filter collects dust efficiently with the help of electrostatic force. It is not prone to clogging as compared to non-electrostatic filters, which collect dust only through the fineness of the mesh. This helps remove 99.97% of fine particles.



Electrostatically neutral

Conventional way



Electrostatically charged

Daikin way

Deodorising Filter

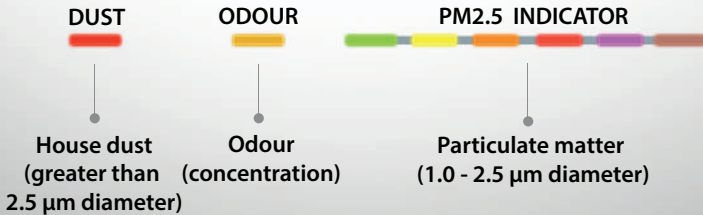
Deodorising filter to absorb and remove odours

The deodorising filter absorbs and decomposes odour. Thanks to the regeneration of the absorbing capacity, the deodorising capacity is maintained. There is no need to change the deodorising filter, unlike air purifiers with activated carbon filters.



Intelligent Operation Modes

- Equipped with dust, odour, and PM2.5 sensors.
- Monitors air quality and intelligently adjusts the operation to provide high air quality (in auto mode).
- Equipped with Econo mode for low power consumption and anti-pollen mode to remove pollen in the air.



Compact Design Ideal for your Home

- It weighs only 6.8 kg, making it highly portable.
- With a footprint of only 27cm x 27cm, the Daikin air purifier is easy to place in small spaces.



Quiet Operation

Whisper quiet in low fan speed mode (down to 19 dBA) and adjustable brightness levels on the indicator panel, so you won't even notice it's there.

Adjustable
Brightness Levels



Child Lock Feature

To prevent misoperation by children, activate the child lock mode by pressing the LOCK button for 2 seconds.



Seamless
integration with your
lifestyle.





Safer Through the Day
with Daikin Air Purifier



Safer Through the Day
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