

DAIKIN
AIR PURIFIER



FRESH AIR REBORN

THE NEW DAIKIN AIR PURIFIER
WITH REVOLUTIONARY TRUE HEPA FILTER.

DAIKIN AIRCONDITIONING INDIA PVT. LTD.

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As a continuing policy of product innovation at Daikin, the design and specifications are subject to change without prior notice. The visuals of the products in the catalogue are representative only, actual products might differ from the ones shown.

 "Product mentioned in this catalogue comply with RoHS regulations as per E-waste (Management & Handling) Rules, 2011 and should not be mixed with general household waste at the end of their useful life. For more details kindly visit our website www.daikinindia.com or contact our customer contact centre at 011-40319300 / 1860 180 3900."

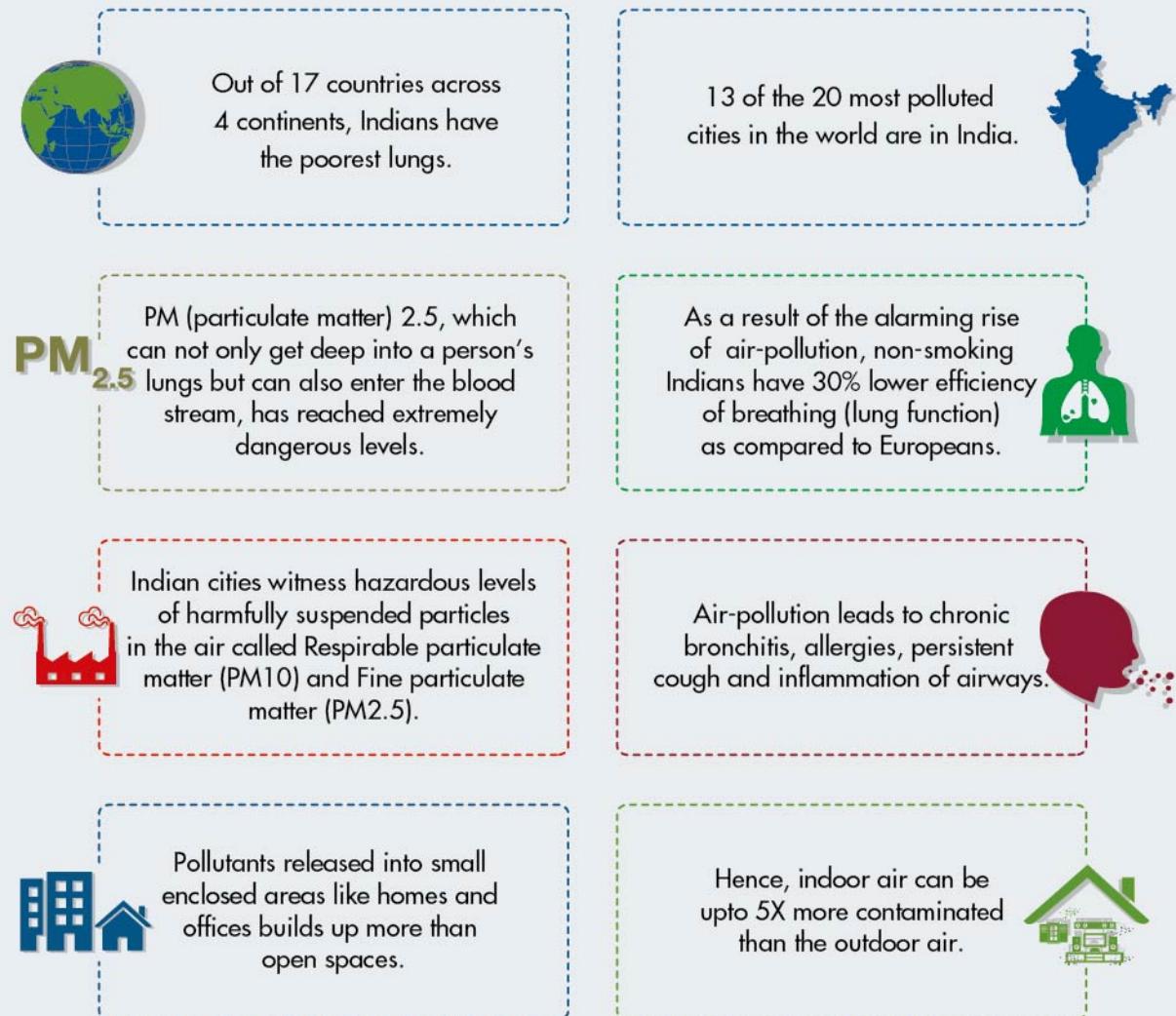
GIVE A MISSED CALL ON 9210188999 TO GET THE AIR QUALITY CHECKED AT YOUR HOME

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THE CURRENT QUALITY OF AIR



KIND OF INDOOR POLLUTANTS



HEALTH DANGERS

Effects of being exposed to indoor pollutant

Short Term Effects

- EYE IRRITATION 
- RHINITIS 
- BLOCKED NOSE 
- HYPERSensitivity AND ALLERGIES 
- BRONCHITIS 
- CHEST CONGESTION 

Long Term Effects

-  HEART DISEASE
-  RESPIRATORY DISEASE
-  DAMAGE TO BRAIN
-  DAMAGE TO KIDNEYS
-  DAMAGE TO LIVER



FRESH AIR REBORN



ADVANTAGES OF DAIKIN AIR PURIFIER

LESS POWER CONSUMPTION:

It consumes very less power and delivers fresh air. Daikin air purifier consumes only 82W of power.

BEST FILTRATION PROCESS:

It comes with multi-stage filtration process, which can take care of minuscule particles in the air. Thus Daikin air purifier provides best filtration for better air cleaning.

POWERFUL BOTTOM SUCTION:

Kept on the floor, the air purifier also takes care of the pollutants settled near the floor. Daikin air purifier has powerful bottom suction.

PORTABILITY:

You can easily move it and place it conveniently in your house. Daikin air purifier weighs only 5.6Kg.

Note *Above information / data is based on media reports. References available on request.



DAIKIN STREAMER DISCHARGE TECHNOLOGY

What is the Daikin Streamer Discharge Technology?



"Streamer Discharge" is a type of plasma discharge in which high-speed electrons capable of oxidative decomposition are generated. It has the ability to eliminate bacteria and mould as well as hazardous chemical substances and allergens, etc. Compared to standard plasma discharge (glow discharge), the discharge range of Daikin's Streamer Discharge is wider, which makes electrons easier to collide with oxygen and nitrogen in the air. This enables high-speed electrons to be generated three dimensionally over a wide area, which results in an oxidative decomposition speed that is over 1000 times greater with the same electrical power. Daikin's Streamer Discharge technology has proven successful in stably generating high speed electrons, a feat that has been considered difficult up to now.

DAIKIN STREAMER DISCHARGE TECHNOLOGY ELIMINATES HARMFUL SUBSTANCES

VIRUSES AND BACTERIA THAT HAVE BEEN PROVEN TO BE DEACTIVATED

- Influenza virus (type A, H1N1)
- Highly virulent avian influenza virus (type A, H5N1)
- Bacillus coli, O-157
- Norovirus
- Staphylococcus aureus
- Pseudomonas aeruginosa
- Tuberculosis bacteria
- Toxins (enterotoxins)

ALLERGENS THAT HAVE BEEN PROVEN TO BE DECOMPOSED

- **Fungal allergens:** sooty moulds, aspergillus, eurotium, aspergillus niger, fusarium, penicillium
- **Pollen based allergens:** cedar pollen, alder pollen, birch pollen, Japanese cypress pollen, pencil cedar pollen, bald cypress pollen, mugwort pollen, orchard grass pollen, ragwood pollen, sweet vernal grass pollen, timothy grass pollen, fleawort pollen, Japanese beech
- **Allergens from animate beings:** house dust mite [dermatophagoides pteronyssinus] (droppings and dead mites), house dust mite [dermatophagoides farinae] (droppings and dead mites), American cockroach (droppings), German cockroach (droppings), flea (droppings), dog epidermis (dander), cat epidermis (dander), hamster epidermis (dander)
- **Other:** wheat flour

HAZARDOUS CHEMICAL SUBSTANCES THAT HAVE BEEN PROVEN TO BE REMOVED BY STREAMER TECHNOLOGY

- Formaldehyde
- Diesel exhaust particulates (DEP)
- Hazardous chemical substances in exhaust gas: NO_x, tetrachlorethylene, benzene, trichloroethylene, dichloroethane, dichloromethane, chloroform
- VOC type hazardous chemical substances: iso-butanol, hexane, styrene, nonanoic acid, trimethyl benzene, xylene, naphthalene, ethyl benzene, toluene, ethyl acetate

This product can be used to improve the quality of the air by removing airborne hazardous chemical substances, allergens, mould, bacteria, and viruses, etc. However, this product is not intended for the creation of sterile environments or for the prevention of pathogen infections.

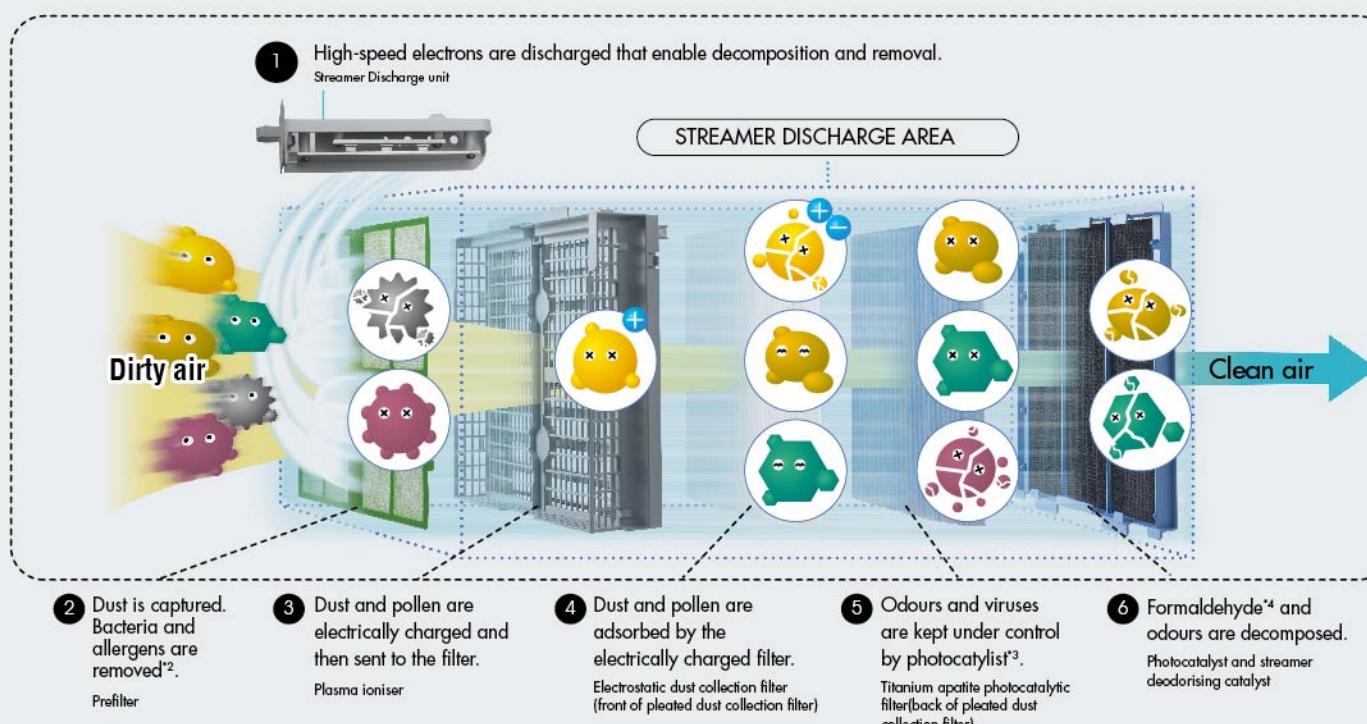
This description relates to the Streamer Technology devised by Daikin, but not to this Air Purifier. Test results from use of the Streamer Technology are generated according to prescribed test methods conducted by Daikin. Although the Streamer Technology is contained within this Air Purifier, this does not mean that precisely the same results will be experienced using this Air Purifier. Actual results may differ depending on the conditions of product installation and use of the actual product, etc.

This product is not a medical device, medical treatment device or a therapeutic good. This product is not intended to have any therapeutic use or to be used for the diagnosis, treatment, relief or prevention of illness. If you have a health concern or are not feeling well, please consult a health care professional.

Test method: constant generation method; Test room: 22 to 24 m³; Temperature: 23 ±3°C; Humidity: 50 ±20%; Ventilation condition: When concentration of 0.2 ppm is continually emanated, a removal capacity of 0.08 ppm is maintained at 36 m³/h, which is within the guideline of the Ministry of Health, Labour and Welfare (Japan). (This equates to the ventilation capacity of an approximately 65 m³ room.)

DAIKIN'S AIR PURIFYING TECHNOLOGY DECOMPOSES AND REMOVES^{*1} DUST, ODOURS, BACTERIA AND OTHER UNDESIRABLE AIRBORNE COMPONENTS.

Six-layer powerful decomposition and removal configuration



Effective against harmful pollutants like:

- Mould, bacteria, viruses
- Mould, pet, cigarette and other odours
- House dust and pet hairs
- Allergens such as pollen and mites
- Hazardous chemical substances such as diesel particulates and exhaust gas

*1 Measurement method:

Antibacterial test / bacterial removal test; Testing organisation: Japan Food Research Laboratories;
Test result certificate number 203120769-001; Result of experiment: 99.99% removal.

Mould removal test; Testing organisation: Japan Food Research Laboratories;

Test result certificate 204041635-001;

Result of experiment: 99.9% removal.

Virus removal test; Testing organisation: Kitasato Research Center for Environmental Science;

Test result certificate 21_0026

(issued by same organisation); Result of experiment: 99.9% removal.

These results will differ from actual location where product will be used.

*2 Conditions of experiment: Allergens were irradiated by Streamer Discharge and the breakdown of protein in the allergens was verified using either the ELISA method, cataphoresis, or an electron microscope (Joint research with Wakayama medical University).

*3 Measurement method:

Virus removal test; Testing organisation: Kitasato Research Center for Environmental Science;

Test result certificate: 21_0026 (issued by same organisation);

Result of experiment: 99.9% removal.

*4 Test method:

Constant generation method;

Test room: 22 to 24 m³;

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(This equates to the ventilation capacity of an approximately 65 m³ room).

Note: Removes 99% of particle sized from 0.1 to 2.5μm.^{#1}

Invasion of new particle from outdoor by ventilation etc. is not considered.

With this air purifier, the removal of particle matter less than 0.1μm has not been confirmed. Moreover, it doesn't mean that harmful substances in the air cannot be removed completely. This is the effectiveness in the closed space of 32 m³, not at the space actually used.

#1 Tested by Daikin Industries Ltd.

Test method: Based on the JEM1467 standard of the Japan Electric Manufacturers' Association.

Decision Criteria: The time removing 99% of particle matter sized from 0.1 to 2.5μm in the closed space of 32 m³ should be within 90 minutes.(This is the value convert into the test space of 32 m³.)

TECHNICAL SPECIFICATIONS



Air Purifier
MC70MVM6



Approximate room cleaning time 12 m ² / 9 min.*1	Maximum room capacity Approx. 46 m ²
Power saving inverter	Anti-pollen mode
Photocatalyst and streamer deodorising catalyst	Plasma dust collection
Streamer discharge	Quiet operation
Dust and odour sensor	Energy saving automatic operation
Sleep mode	Auto restart

Applicable room area	Up to 46 m ² [20 m ² purified in approx. 15 minutes]*1									
Power supply	1 phase 220-240 / 220-230 V (50/60 Hz), Cable length code									
Color	White									
Dimensions (mm)	576 (H) x 403 (W) x 241 (D)									
Weight (kg)	8.5									
Convenient functions	Off timer, Child lock, Display adjustment									
Mode	Quiet	Low	Normal	High	Turbo					
Airflow (m ³ /min.)	0.91	2.2	3.5	4.8	7.0					
Power consumption (W)	7.0	10.0	16.0	26.0	65.0					
Sound pressure (dB)	16.0	24.0	32.0	39.0	48.0					
Sold separately	Replacement pleated filter KAC017A4E; Set of 5 (1+4*)									
Pollutants that can be collected, reduced, and decomposed	Pollen (cedar pollen, alder pollen, birch pollen, Japanese cypress pollen, pencil cedar pollen, bald cypress pollen, mugwort pollen, orchard grass pollen, ragweed pollen, sweet vernal grass pollen, timothy grass pollen, fleawort pollen, and Japanese beech) Indoor air pollutants (formaldehyde, toluene, xylene, and styrene) Diesel exhaust particulates (DEP) PM2.5 & PM10 City exhaust gas (trichloroethylene, benzene, tetrachloroethylene, dichloromethane, and chloroform, dichloroethane) NOx ISO-butanol, ethyl acetate, hexane, acetonic acid, trimethylbenzene, allyl benzene, and styrene, naphthalene									
	Moulds (sooty moulds, aspergillus, eurothium, aspergillus niger, fusarium, and penicillium) Cockroaches (American cockroach (droppings), German cockroach (droppings)) Fleas (droppings) House dust mites (dermatophagoides pteronyssinus (droppings and dead mites) and dermatophagoides farinae (droppings and dead mites)) Dog epidermis (dander) Cat epidermis (dander) Hamster epidermis (dander) Viruses Wheat flour									
Pollutants that can be collected/pollutants that can be deodorised	Dust	Pet hair	Asian dust	Body odour	Ammonia	Garbage odour	Cooking odour	Cigarette smoke odour	Pet odour	Mould odour

*1 Calculation based on testing method of the Japan Electrical Manufacturers Association standard JEM1467.

*2 On purchase of each MC70MVM6 air purifier a set of 4 additional pleated filter is available inside the box.



MC76VVM6-W

TRUE ELECTROSTATIC HEPA FILTER

- ◆ Features high-performance filter to catch fine particles of dust

Removes 99.97% of fine particles of $0.3\mu\text{m}^{\ast 1}$

^{\ast 1}This is removal performance of filter and not removal performance for entire room.



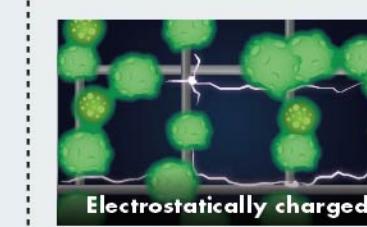
The filter collects dust efficiently with electrostatic forces. It is not prone to clogging compared with unelectrified HEPA filters which collect particles only by the fineness of the mesh.

Therefore, a larger amount of air can pass through the filter.

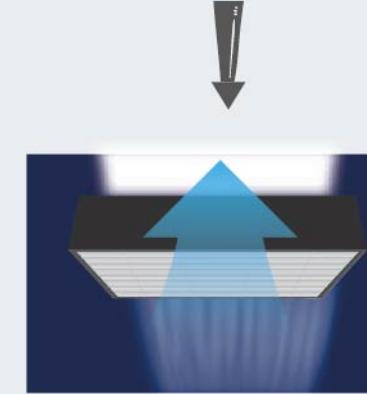
The filter can purify a larger amount of air.

- ◆ Comparison between True Electrostatic HEPA Filter and Non-electrostatic Filter

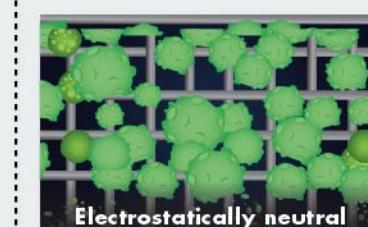
True Electrostatic HEPA Filter



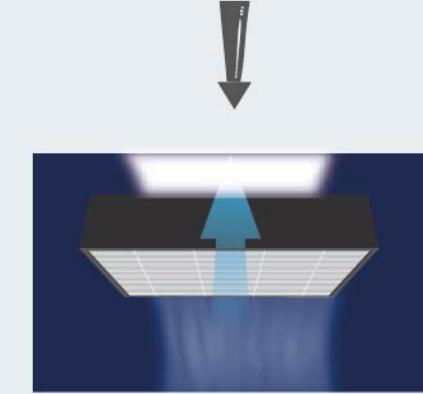
Filter fiber itself is charged with static electricity, and collects particles efficiently. Doesn't clog easily because of low pressure loss.



Non-Electrostatic Filter



Because it catches particles relying only on mesh size, it is necessary to make mesh finer, making it easy to be clogged.



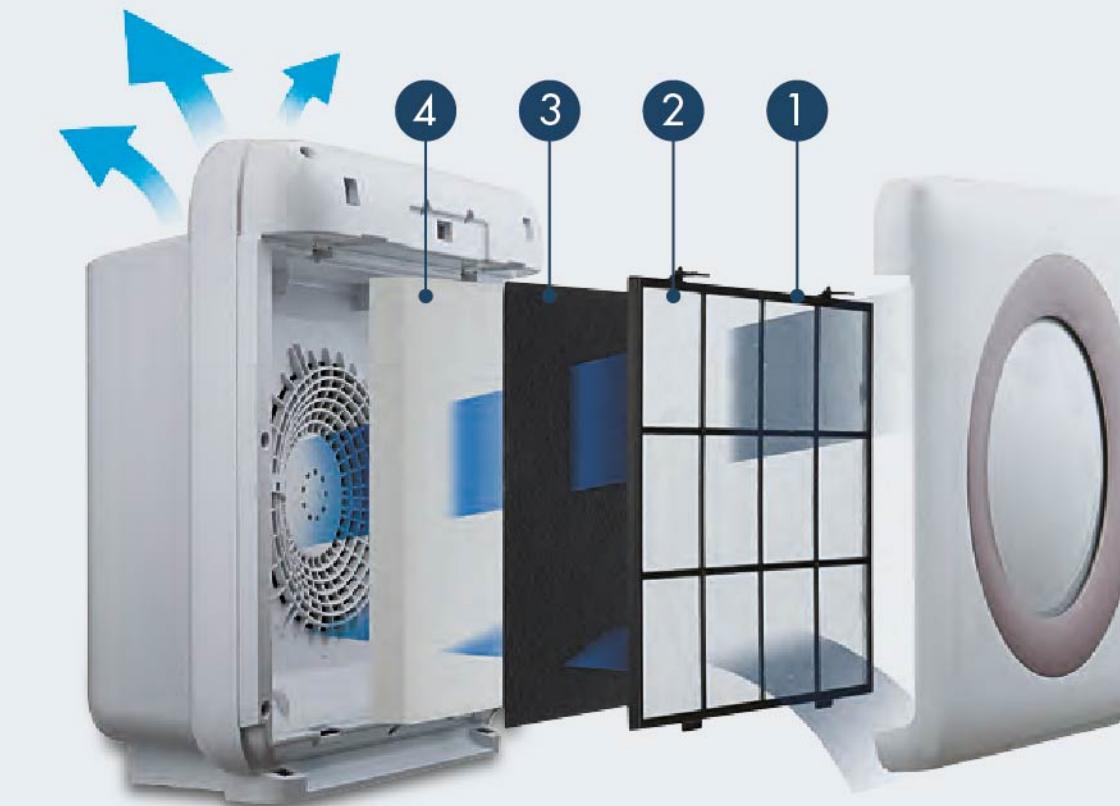
About the dust collection and deodorising capacity of air purifiers: Not all harmful substances in cigarette smoke (carbon monoxide, etc.) can be removed. Not all odour components that emanate continuously (building material odours and pet odours, etc.) can be removed.

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POWERFUL AND COMPACT TYPE



POWERFUL AIR CLEANING SYSTEM



WASHABLE PRE FILTER 1

Captures large particles like hair, fur, and dust by micro mesh.



TRUE HEPA FILTER 3

Trapping airborne allergens and contaminants down to 0.3 microns in size 99.97% of time.



ODOR FILTER 2

Eliminates smaller particles, bad odors and harmful gases by advanced activated carbon.



VITAL IONIZER 4

Vital Ion™ boosts cleaning power and freshens the air by negative ions.



SPECIFICATIONS

MODEL		 MC76VVM6-W					
Colour		White & Black					
Mode		Air purifying operation					
Applicable room area ¹⁾	Air purification	50 m ² (21.7m ² purified in approx. 15 minutes)					
Power supply		1 phase 220-240 / 220-230 V (50/60 Hz)					
Mode		Quiet	Standard	Turbo			
Airflow rate	m ³ /min.	1.8	3.4	7.6			
Power consumption	W	5.0	11	82			
Sound pressure level	dB	25	38	56.5			
Dimensions	mm	H455 X W427 X D243					
Weight	kg	5.6					
Dust collection filter	True Electrostatic HEPA filter						
HEPA filter life	1 Year						
Odour filter life	6 Months						

Note:

*Calculation based on testing method of the Japan Electrical Manufacturers' Association standard JEM1467.

*Verified by test method based on Japan Electrical Manufacturers' Association Standard JEM1467.

The standard assumes five or more cigarettes are smoked per day.

Not all harmful substances in cigarette smoke (carbon monoxide, etc.) can be removed.

More frequent filter exchange may be needed depending on operating conditions.

*Speed as per the mode: Quiet - Speed Step 1, Standard - Speed Step 2 & Turbo - Speed Step 3.

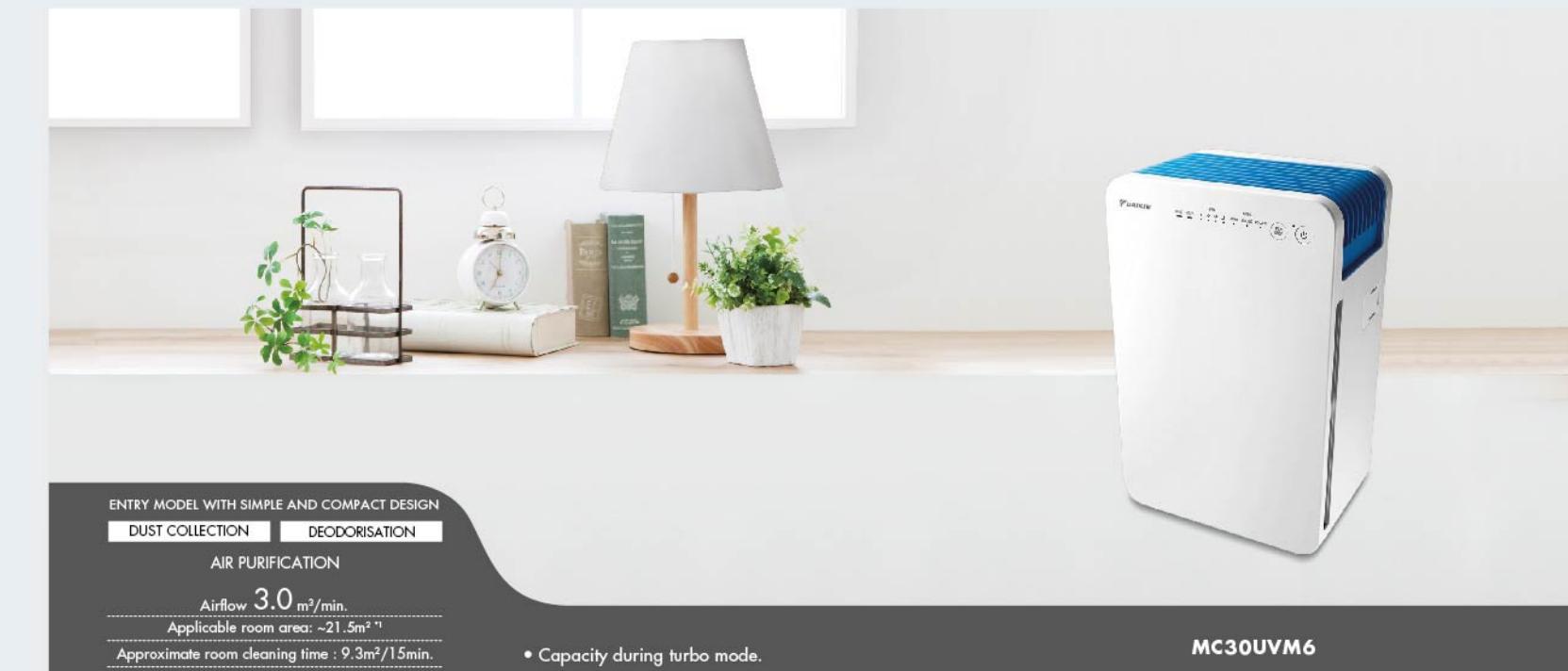
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SIMPLE AND COMPACT TYPE



SPECIFICATIONS

MODEL		HEPA		MC30UVM6	
Colour		White			
Mode		Air purifying operation			
Applicable room area ¹⁾	Air purification	21.5 m ² (9.3m ² purified in approx. 15 minutes)			
Power supply		1 phase 220-240 / 220-230 V (50/60 Hz)			
Mode		Quiet	Low	Standard	Turbo
Airflow rate	m ³ /min.	1.0	1.5	2.0	3.0
Power consumption	W	5.5	6.0	11.0	16.0
Sound pressure level	dB	19.0	29.0	33.0	44.0
Dimensions	mm	H455 X W280 X D189			
Weight	kg	5.0			
Dust collection filter		True Electrostatic HEPA filter			

Note:

¹⁾Calculation based on testing method of the Japan Electrical Manufacturers' Association standard JEM1467.

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FUNCTIONS

	MC76VVM6-W	MC30UVM6	MC70MVM6
Dust sensor lamps	●	●	●
PM _{2.5} sensor lamp	—	●	—
Odour sensor lamp	—	—	●
Streamer discharge	—	—	●
True Electrostatic HEPA filter	●	●	—
Electric dust collection	—	—	●
Pleated dust collection filter	—	—	●
Titanium apatite deodorising filter	—	—	●
Deodorising filter	●	●	●
Econo mode	●	●	—
Auto fan mode	●	●	●
Anti-pollen mode	—	●	●
Sleep mode	—	—	●
Turbo mode	●	●	●
Off timer	●	—	●
Child proof lock	—	—	●
Brightness adjustment	—	—	●
Auto-restart after power failure	●	●	●
Stabilizer free	—	●	—

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