



AIR PURIFICATION SOLUTIONS

# AIR PURIFIER



DON'T COMPROMISE ON HEALTH AND COMFORT. BREATHE EASY WITH DAIKIN'S AIR PURIFIER.

Turn your home into the great indoors with Daikin's Air Purifier, featuring breathtaking technology, compact portable design and ultra quiet operation.



**420** M<sup>3</sup>/H  
AIR FLOW RATE

**46** M<sup>2</sup>  
ROOMS UP TO

# AIR PURIFIER

## CLEANER, FRESHER, HEALTHIER AIR

Daikin's Air Purifier includes a 6-layer powerful decomposition and removal system to help eliminate bacteria, mould spores, airborne particles, allergens, dust, pollen and unpleasant odours.

It is also ultra quiet with operating sound levels of as low as 16dBA which means you can not only sleep soundly at night, but also with peace of mind.



### INVERTER MOTOR

The inverter efficiently controls fan motor rotational speed for greater power savings.



### DUST AND ODOUR INDICATORS

Contaminant and odour levels are displayed on top of the unit allowing for easy monitoring.



### HIGH AIRFLOW

Features airflow rate of up to 420m<sup>3</sup>/h making it suitable for rooms up to 46m<sup>2</sup>.



### COMPACT DESIGN

Easy portability and unintrusive design to help optimise in-home space.



### ULTRA QUIET

Whisper quiet operations as low as 16dBA ensures a pleasant night's sleep.



### 6 LAYER FILTRATION SYSTEM

Features a streamer discharge unit, plasma ioniser, three filters and Daikin's trademark titanium apatite deodorising air purification filter.



A Sensitive Smart Choice

Approved by the National Asthma Council Australia, Daikin air purifiers and split systems are authorised to display the Sensitive Choice butterfly symbol.



### OFF TIMER

Set the air purifier to automatically turn off after 1-4 hours usage.



### TURBO MODE

High power operation for quick removal of pollutants.



### POLLEN MODE

By creating gentle air turbulence, pollen is trapped by the air filter before it settles.



### BRIGHTNESS SETTING

Adjusts the brightness intensity of the dust and odour indicator.



### AUTOMATIC OPERATION

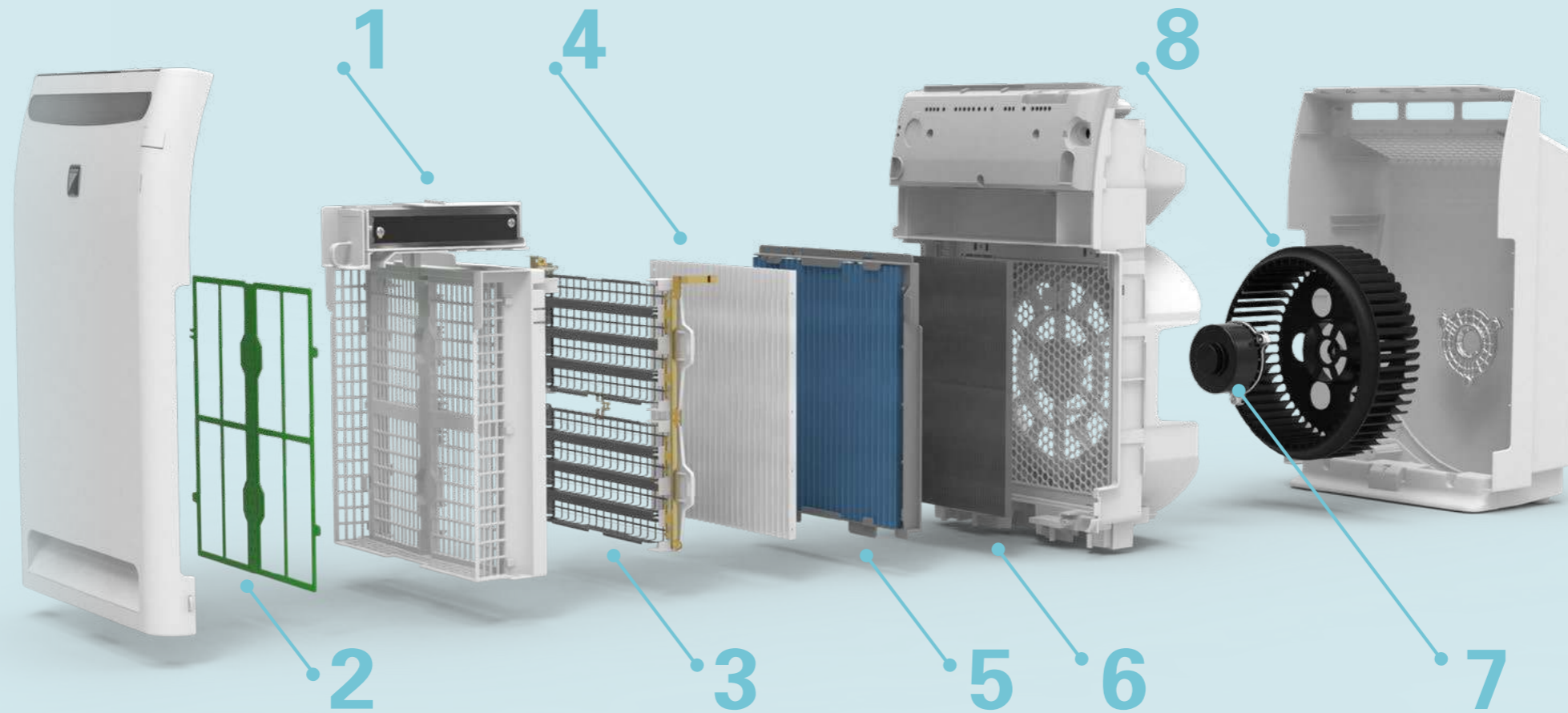
Airflow is optimised to suit contamination levels for efficient energy usage.



### SLEEP MODE

Automatically switches between 'quiet' and 'low' operation mode to suit air contamination levels.

# BREATHTAKING TECHNOLOGY



For over 90 years, Daikin has invested heavily in Research and Development to deliver more effective climate control for you and your family. Daikin technologies help make Daikin air conditioners and air purifiers efficient, powerful, reliable and easy to use.

## 1. STREAMER DISCHARGE UNIT

The streamer discharge unit releases high speed electrons that collide with oxygen and nitrogen molecules, this therefore activates them and enables oxidative bacteria decomposition.

## 2. PREFILTER

The prefilter is a polypropylene net filter with catechin. It captures larger particulates such as dust, bacteria and allergens to ensure unimpeded operation of other filters in the system.

## 3. PLASMA IONISER

The plasma ioniser electrically charges any dust and pollens that pass through making it easier for the electrostatic filter to collect.

## 4. ELECTROSTATIC FILTER

The ionised dust and pollen are attracted to the oppositely charged electrostatic filter. This ensures efficient and thorough collection of these particles by the filter.

## 5. TITANIUM APATITE DEODORISING FILTER

This specialised filter traps microscopic particles, decomposes odours and even deactivates bacteria via the use of a titanium apatite photocatalyst.

## 6. DEODORISING CATALYST FILTER

Formaldehyde and any remaining odours are decomposed by the deodorising catalyst filter keeping your air clean, fresh and odour free.

## 7. INVERTER MOTOR

Daikin's air purifier utilises an inverter that efficiently controls fan motor rotational speed for greater power savings and quiet operations.

## 8. SIROCCO FAN

Daikin's air purifier is fitted with a light weight sirocco fan. These fans feature an aerodynamic fan blade design which reduces turbulence for a more efficient and quieter air flow delivery.

# THE SENSITIVE CHOICE FOR YOUR HOME

We're proud of our innovations. So we're pleased to announce that Daikin Split Air Purifiers are approved by the National Asthma Council Australia. They introduced the Sensitive Choice® program to help identify products better suited for people who suffer from asthma and allergies. Daikin Split Systems and Air Purifiers are recognised by the Sensitive Choice® program, and carry the Blue Butterfly symbol.



## DAIKIN CARES FOR YOUR AIR

All Daikin Split Systems and Air Purifiers are designed with an air-purifying filter. Many are fitted with a more advanced Titanium Apatite Deodorising Air Purification filter. These filters not only trap most microscopic airborne particles, but also assist to decompose odours, absorb and deactivate bacteria. Music to the ears of every sensitive nose.

## SPECIFICATIONS

MODEL	MC70LPVM					
Power Supply	1 phase, 220-240V, 50Hz					
Colour	White					
Dimensions (HxWxD)	(mm)	576x403x241				
Weight	(kg)	8.5				
Mode		Turbo (HH)	High (H)	Medium (M)	Low (L)	Silent (LL)
Running Current	(A)	0.55	0.25	0.15	0.10	0.08
Rated Power	(W)	65	26	16	10	7
Airflow Rate	(m³/h)	420	285	210	130	55
Sound Power Level	(dBA)	63	54	47	39	31
Prefilter	Polypropylene Net with Catechin					
Dust Collecting Method	Plasma ioniser + Electrostatic Dust Collection Filter					
Deodorising Method	Flash Steamer + Titanium Apatite Deodorising Filter + Deodorising Catalyst					
Power Cord	(m)	2				
Standard Accessories	Wireless Remote Controller, Titanium Deodorising Apatite Pleated Filter					

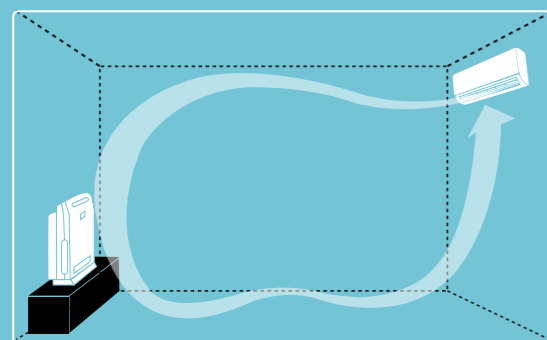
**Note:**

1. Sound power levels are the average of values measured at 1m way from the front, left, right and top of the unit (this is equal to the value in an anechoic chamber) and may differ once the unit is installed due to ambient conditions

## SMART INSTALLATION

Here are some ways to determine the optimal placement of your Daikin air purifier.

- To remove house dust, it is effective to install the air purifier at a lower position in the room.
- To remove cigarette smoke it is effective to install the air purifier in a higher part of the room.
- If you install the air purifier opposite the air conditioner, the circulation affect is enhanced. The unit controls unevenness in the room temperature while cleaning the air during heating or cooling operation.



The specifications, designs and information in this brochure are subject to change without notice. Unit colours shown are as close as possible to actual unit colours. Colours depicted in this brochure may vary slightly.

#### ASSUMPTIONS

All representations made in Daikin marketing and promotional material are based on the assumptions that the correct equipment has been selected, appropriately sized and installed in accordance with Daikin's installation instructions and standard industry practices.

#### QUALITY CERTIFICATIONS

Daikin Industries Limited was the first air conditioning equipment manufacturer in Japan to receive ISO 9001 certification. All Daikin manufacturing facilities have been certified to ISO 9001 Quality Management System requirements. ISO 9001 is a certificate for quality assurance concerning 'design, development, manufacturing, installation and related service' of products manufactured at that factory.

#### ENVIRONMENTAL CERTIFICATIONS

Daikin Industries Limited has received ISO 14001 Environmental Certification for the Daikin production facilities listed below. ISO 14001 is an international standard specifying requirement for an environmental management system, enabling an organisation to formulate policy and objectives, taking into account legislative requirements and information about significant environmental impacts. It applies to those environmental aspects within the organisation's control and over which it can be expected to have an influence.

The certification relates only to the environmental management system and does not constitute any endorsement of the products shipped from the facility by the International Organisation for Standardisation.

Head Office /Tokyo Office  
Shiga Plant (Japan)  
Sakai Plant (Japan)  
Daikin Industries Ltd (Thailand)  
Yodogawa Plant (Japan)  
Daikin Australia Pty. Ltd.

Certificate number: EC02J0355  
Certificate number: EC99J2044  
Certificate number: JOA-E-80009  
Certificate number: JOA-E-90108  
Certificate number: EC99J2057  
Certificate number: CEM20437

**Daikin Australia Pty Limited  
(ISO 9001)**  
QEC 23256 May 12, 2006  
Sydney, Brisbane, Adelaide,  
Melbourne, Newcastle,  
Townsville, Perth



**Daikin Australia Pty Limited  
(ISO 14001)**  
CEM 20437 October 27, 2006  
Sydney, Brisbane, Adelaide,  
Melbourne, Perth



**Residential Air Conditioning  
Manufacturing Div (ISO 9001)**  
JQA-0486 May 2, 1994  
(Shiga Plant)

**Commercial Air Conditioning  
and Refrigeration  
Manufacturing Div (ISO 9001)**  
JMI0107 December 28, 1992  
(Kanaoka Factory and Rinkai  
Factory at Sakai Plant)

**Industrial System and Chiller  
Products Manufacturing Div  
(ISO 9001)**  
JQA-0495 May 16, 1994  
(Yodogawa Plant and Kanaoka  
Factory and Kishiwada Factory)

**Daikin Europe N.V (ISO 9001)**  
Lloyd 928589.1 June 2, 1993

**Daikin Industries (Thailand) Ltd**  
JQA-1452 September 13, 2002  
(ISO 9001)



DEALER

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