



## URURU AIR PURIFIER



Humidification and purification  
IN ONE





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# *Air purification*

## AND HUMIDIFICATION

There are many substances in the air you breathe such as allergen, bacteria, virus and tobacco smoke, which causes your health to suffer. Above all things, dryness is especially a big issue during the wintertime.

Daikin Ururu Air Purifier moisturizes the air inside your home and relieves the effects of dry air. Just fill the 4l tank occasionally and it will humidify your room with a maximum volume of 600ml/h.



MCK75JVM-K



## THE IMPORTANCE OF *clean* INDOOR AIR

### **Clean indoor air is hard to find these days**

A link is increasingly being made between health problems and the quality of the air we breathe. Reported cases of allergic diseases and asthma are on the rise. According to the EFA\*, over 80 million people across Europe have some form of allergic disease and their prevalence is increasing.

\*EFA: European Federation of Allergy and Airway Diseases Patients Association / [www.efanet.org](http://www.efanet.org) / February '06.

Today's residences and buildings are better insulated than ever, but this implies a limited exchange of outdoor air with indoor air. As a result, the air we breathe indoors can be more polluted than outdoor air. Moreover, we commonly spend up to 90% of our time in indoor environments.\*

\*European commission at [www.europe.eu.int](http://www.europe.eu.int) / February '06.

Indoor air can include

- › Airborne allergens such as pollen, dust, house dust mites droppings and pet dander.
- › Triggers to allergens such as moulds, tobacco smoke and adjuvant substances.

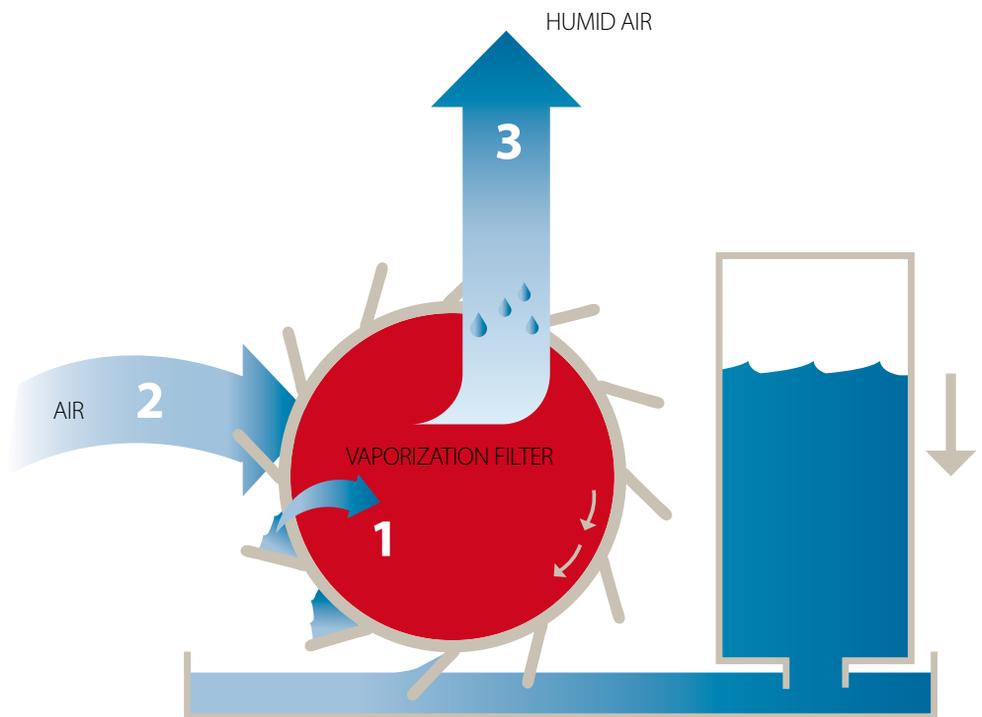
# URURU *humidification*

This useful and innovative function of humidification – called “Ururu” in Japanese - stems from the incorporation of a slim line water tank and combined water wheel and vaporisation filter assembly.

## **How does the humidification function work?**

Water in the tank flows into the receiver tray housing the water wheel, which lifts the water as it rotates and releases it onto the filter.

Air blown onto the filter, absorbs its moisture and discharges it into the room as humidification.



1. The water wheel lifts the water from the receiver tray.
2. Air is blown onto the filter.
3. Humid air is discharged into the room.

# ENHANCED TECHNOLOGY MEANS *clean air*

Daikin Ururu Air Purifier removes efficiently allergens (e.g.pollen, house dust mites, dust, etc.), bacteria and viruses. Additionally, it has a high deodorizing efficiency; it eliminates efficiently tobacco smoke whilst decomposing other smells. It quickly collects particles and breaks them down rapidly. Its quiet operation makes it ideal for quiet nights. The unit includes seven pleated filters (one for immediate use and 6 spares).



## How does the 6-layer filtering system work?

- 1 The Pre-filter – containing catechin – captures large dust particles and pet hairs.
- 2 The Plasma Ionizer positively charges dust and pollen particles, which are removed by the negatively charged Electrostatic Dust Filter.
- 3 The Flash Streamer decomposes chemical substances such as odours and formaldehyde into harmless by-products.



\* Catechin is a natural anti-bacterial substance derived from tea leaves that kills germs that can attach to these particles.



- 4 The Flash Streamer also promotes a photocatalytic reaction on the surface of the Titanium Apatite Photocatalytic Filter **5** that removes bacteria and viruses.
- 6 The Deodorising Catalyst breaks down odours.

3

**Flash Streamer**

High-speed electrons are generated by the Flash Streamer. These electrons powerfully break down odours and formaldehyde.

4

**Electrostatic Dust Collection Filter (front)**

Positively charged dust and pollen are adsorbed by the negatively charged filter.

6

**Deodorising Catalyst**

Odours are adsorbed and broken down before the air is returned to the room.



PLEATED\*  
FILTER



5

**Titanium Apatite Photocatalytic Filter (back)**

Odour, bacteria and viruses are adsorbed and decomposed.



**purified air**

\* The filtering surface of a pleated filter is approximately 1.5 times larger than that of a conventional flat filter.

# Main FEATURES

› **Large air flow: 450m<sup>3</sup>/h\***

\*(in turbo mode)

› **Ultra quiet operation: 17dB(A)\***

\*(in silent air purification mode)

This makes the unit suitable for use in bedrooms.

› **Compact size**

Fits everywhere. No room or office corner is too small for the MCK75JVM-K.

› **Portable**

The unit can easily (only 11 kg) be moved from one room to another.

› **Low maintenance, Easy to clean**

Easy to clean flat panel.

› **Washable and reusable cartridge**

The Powerful 4-directional fan action reaches every corner of the room.

**Applicable room size up to 46 m<sup>2</sup>**

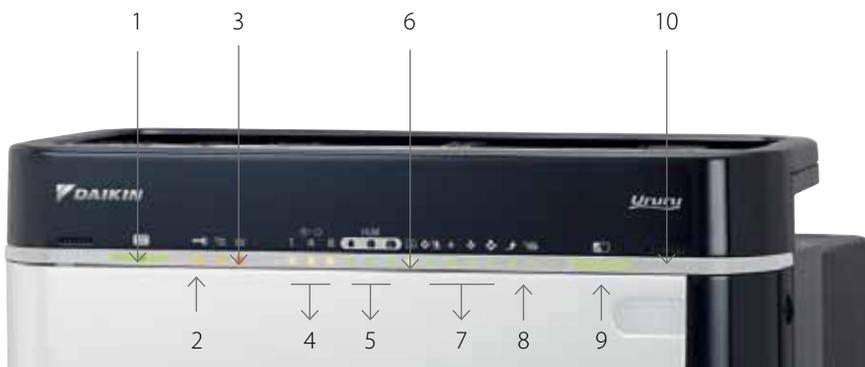


- 1 **Child lock and brightness adjustment setting switch**
- 2 **Timer setting switch**
- 3 **Humidity setting switch**
- 4 **Air flow rate setting switch**
- 5 **On/off switch**
- 6 **Humidity on/off switch**

# Functional FEATURES

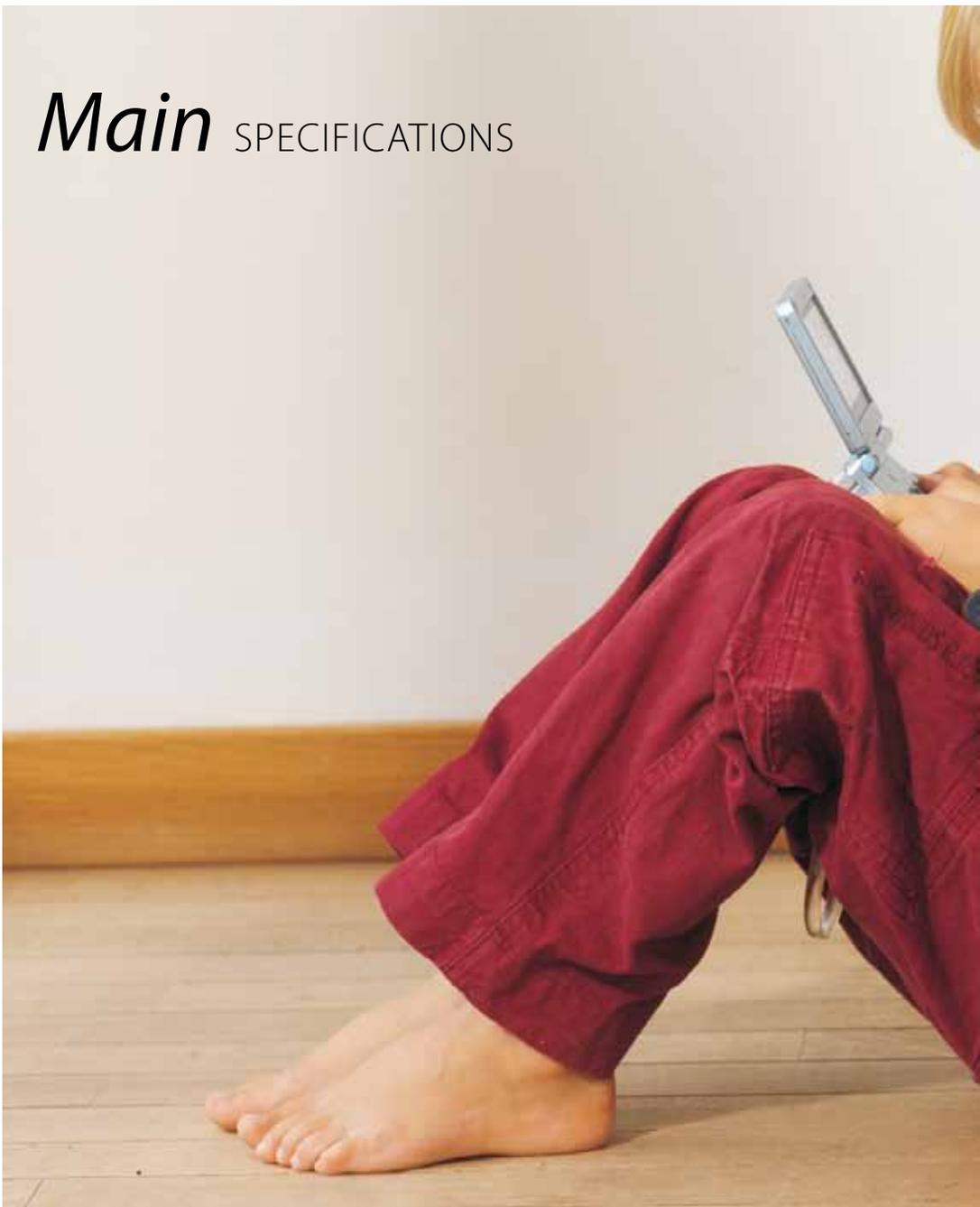


- › **Child lock**  
Set the child lock with the remote control to prevent small children from operating the air purifier.
- › **Automatic operation**  
Air flow is adjusted to the level of dirt in the air. When the air is cleaner, lower air flow rates are enabled. Thus saving electricity.
- › **TURBO Mode**  
This convenient mode provides high-power operation. Use it when you first arrive home or when you have unexpected guests.
- › **Off timer**  
The remote control can be set to turn the unit off after 1, 2 or 4 hours.
- › **Pollen Ion Mode**  
By creating a gentle turbulence in the room air, pollen is caught before it lands on the floor.
- › **Brightness adjustment**  
The brightness of the lamps on the indicator panel can be adjusted to the one of three levels.
- › **4 fan speeds**  
Fan speed can be adjusted in four steps from LL to H mode.



- 1 **Dust monitor**  
The amount of dust detected in the air is indicated by these lamps.
- 2 **Child lock lamp**
- 3 **Check and warning lamp**
- 4 **Off timer setting indicator.**  
**The lamp for the Off timer setting illuminates.**  
After setting, the remaining time is indicated by the lamp.
- 5 **Humidity monitor**
- 6 **Automatic operation indicator**  
Illuminates during automatic operation.  
One of the airflow lamps will also illuminate.
- 7 **Air flow rate indicator**  
Illuminates when setting the airflow rate.
- 8 **Turbo and pollen mode indicators**
- 9 **Odour monitor**
- 10 **Air inlet for odour sensor**

# Main SPECIFICATIONS



## SPECIFICATIONS

Model			MCK75JVM-K				
Type			Humidifying air purifier				
Power supply			1~/220-240/220-230V/50/60Hz				
Dimensions	HxWxD	mm	590x395x268				
Colour			Black (Panel colour: silver)				
Weight	kg		11				
Dust collecting method			Plasma ionizer + Electrostatic dust collection filter				
Deodorising	Method		Flash streamer + Titanium apatite photocatalytic filter + Deodorising catalyst				
Air filter			Polypropylene net with catechin				
<b>Air purifying operation</b>			<b>Turbo</b>	<b>H</b>	<b>M</b>	<b>L</b>	<b>Silent</b>
Power input	kW		0.081	0.035	0.018	0.011	0.008
Sound pressure level (1)	dB(A)		50	43	36	26	17
Air flow rate	m³/h		450	330	240	150	60
Applicable room area (2)	m³		46				
<b>Humidifying operation</b>			<b>Turbo</b>	<b>H</b>	<b>M</b>	<b>L</b>	<b>Silent</b>
Power input	kW		0.084	0.037	0.020	0.013	0.012
Sound pressure level (1)	dB(A)		50	43	36	26	23
Air flow rate	m³/h		450	330	240	150	120
Humidification (3)	ml/h		600	470	370	290	240
Water tank capacity	l		4				

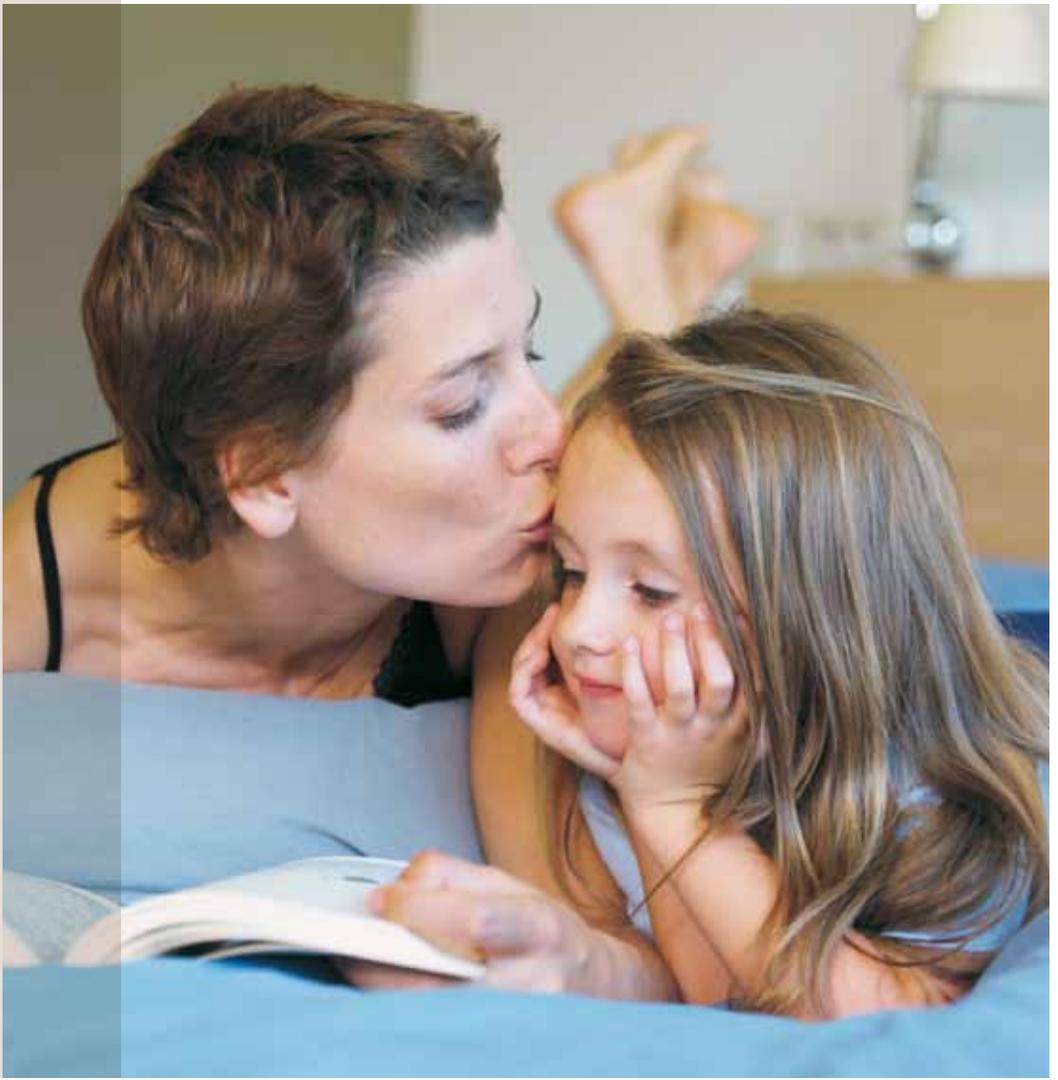


Daikin has already received great praise for its air purifiers: the Daikin TÜV Award for the MCK75JVM-K confirms the efficiency of our units



Notes:

- (1) Sound pressure levels are the average of values measured at 1m away from the front, left, right and top of the unit (This is equal to the value in an anechoic chamber).
- (2) The applicable room area is appropriate when the unit is operating in turbo mode. Applicable room area indicates the space where a certain amount of dust particles can be removed in 30 minutes.
- (3) Humidification amount changes in accordance with indoor and outdoor temperature and humidity. Measurement condition: 20°C in temperature, 30% in humidity.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units

(FCU). Check ongoing validity of certificate online: [www.eurovent-certification.com](http://www.eurovent-certification.com) or using: [www.certiflash.com](http://www.certiflash.com)\*

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