



For Comfortable Life

# AIR DEODORISER

DASY30S

Deodorisation capacity

Approx. **150 times**<sup>\*1</sup>  
that of an air cleaner  
(compared to conventional Fujitsu General products)

Bacteria elimination power

Removes **99.9%**  
of airborne bacteria<sup>\*2</sup>

Economical

**Filter replacement unnecessary**<sup>\*3</sup>

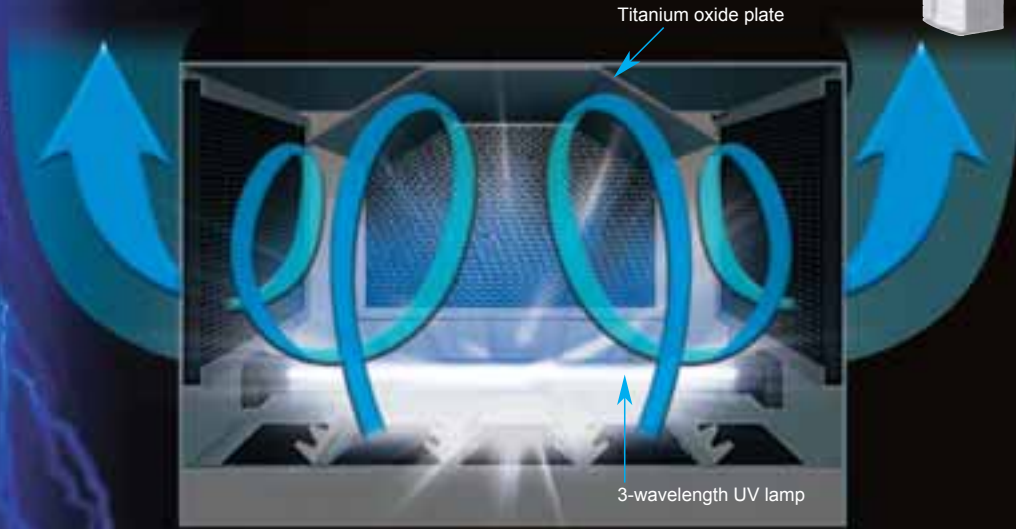


# Powerfully deodorises all odours

Powerfully removes odours by the world's first deodorisation decomposition technology. Simultaneously displays air cleaning and bacteria elimination effects, and makes living more

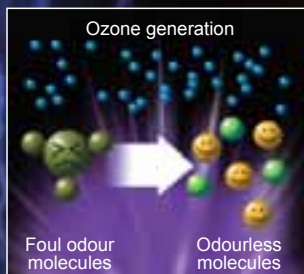
**WORLD FIRST!**  
\*1

## UV deodorant system



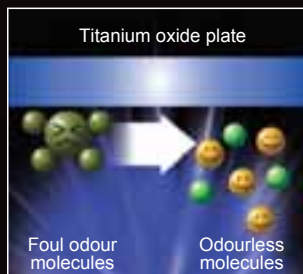
Deodorising capacity  
Approx. cap  
**150**  
that of an  
(compared to  
Fujitsu Gene

## Powerful deodorisation & bacteria elimination by 3 wavelengths<sup>\*4</sup>



### Ozone deodorisation

Large volume of ozone is generated by light (185nm). Ozone power decomposes odour molecules.



### Photo catalytic deodorisation

Odour molecules are decomposed by illuminating a titanium oxide plate with light (365nm).



### Bacteria elimination

Bacteria and virus are repelled by light (254nm) having a bacteria elimination power 1600 times that of sunlight.

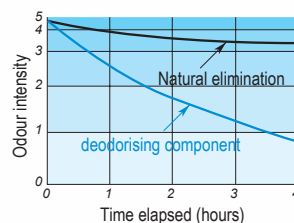
Bacteria elimination  
Removes  
**99.9%**  
of airborne

## Removes permeated odours



The deodorising component<sup>\*5</sup> (weak ozone) discharged from the body decomposes and deodorises odours permeating the room from their source.

Deodorising effect of a piece of cloth permeated with the odour of 10 cigarettes  
6 stage odour intensity method (test room of 13.2m<sup>2</sup>)



## Air cleaning

Air is cleaned by power

- **Prefilter**  
Removes pet hair and large dust
- **Allergenic substance collection filter**  
Removes pollen, lice, and other



Dust



Lice (carcass, droppings)

\*1. Home air deodorisation machine announced November 7, 2005. \*2. Compared to our Model ACS-24NVU Air Cleaner using urine (substituted with ammonia), food and raw garbage (fermented beans used as compound odour). However, approximately 50 times the deodorising capability (our company's study) for faecal waste (skatol and compound odour). Tested with constantly emitted odour. Calculated from the fact that the balance ratio of concentration for the same generation volume with the concentration of odour intensity level 1 as 10 times is inversely proportional to the removal capability. \*3. Test organization: Japanese Spinners Inspecting Foundation. Checked in UV deodorant system. \*4. Generates light of 3 wavelengths; ozone generation 185nm, bacteria elimination 254nm, and photo catalyst activation 365nm.



pleasant.

deodorisation capability

times<sup>\*2</sup>

air cleaner (conventional products)

**WORLD FIRST!**<sup>\*1</sup>

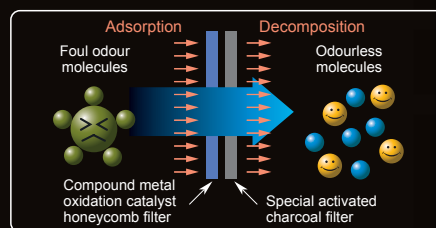
## Automatic deodorisation capability regeneration system



### Deodorisation capability automatically regenerated by the power of heat

● **Powerful deodorisation by high performance deodorisation filter**

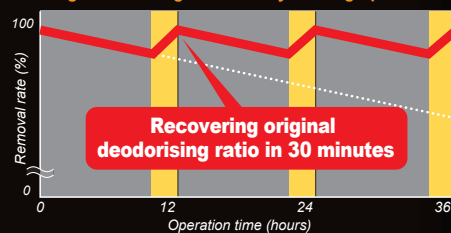
- Strong odours are decomposed to odourless molecules by the adsorption and oxidation decomposition action of a compound metal oxidation catalyst and special activated charcoal.



● **Deodorisation capability regenerated by heating**

- Oxidation and decomposition capability is promoted by heating the filter for 30 minutes every 12 hours.
- Initial performance is maintained by removing odour molecules clinging to the filter.

Image of filter regeneration by heating operation



— Change of removal rate when heating operation was performed  
 ..... Change of removal rate without heating operation  
 ■ 30 minutes heating operation approximately every 12 hours

deodorisation capability

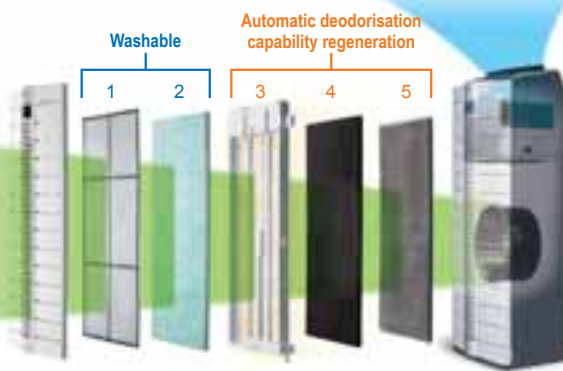
Filter replacement unnecessary<sup>\*7</sup>

powerful dust collection.

particles.

decomposition dust

allergenic substances<sup>\*6</sup>



All filters do not require replacement. Economical

**Washable. Replacement unnecessary.**

1. Prefilter
2. Allergenic substance decomposition dust collection filter

**Automatic deodorisation capability regeneration. Maintenance-free**

3. Heater unit
4. Compound metal oxidation catalyst honeycomb filter
5. Special activated charcoal filter

<sup>\*5</sup> Generates very weak ozone. However, the concentration is less than the volume existing in the natural state in forests, etc. The deodorising effect varies depending on the room size and amount of ventilation. <sup>\*6</sup> Test organization: Tested by Shinshu University using lice carcass, lice faeces, cat epidermis, dog epidermis, and orchard grass. <sup>\*7</sup> Washing with water once a year is the standard when cleaned with a vacuum cleaner once a month. (The cleaning frequency can vary depending on the conditions of use in the home. Replacement may also be necessary, depending on the condition of use.) ● Photographs and illustrations are images. ● Harmful substances (carbon monoxide, etc.) of tobacco cannot be removed.

# UNIVERSAL DESIGN

## Operation panel which can be used without crouching

Since it can be operated while standing, the load on your knees and lower back can be lightened.



## Large operation buttons

Large operation buttons are laid out. In addition, the operation status can be verified by easy-to-understand operating sound. User-friendly design.

## Various Operation Modes Simplify Operation

### ① Operation Mode

#### [AUTO]

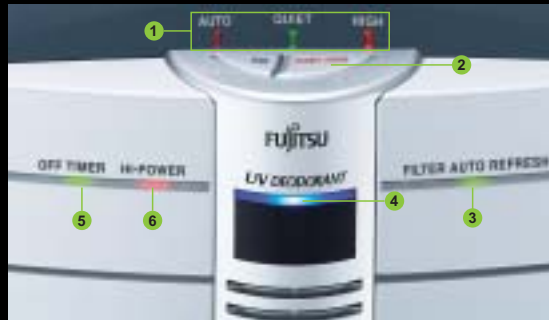
Operated automatically by detection by high performance sensor of even weak odours.

#### [QUIET]\*

Conspicuously quiet operating sound. Pleasant even when sleeping. \*QUIET mode 19dB, Hi-Power Mode 45dB

#### [HIGH]

Speedy deodorisation by strong air flow



### ② START/STOP Button

### ③ Filter Auto Refresh Indicator

### ④ UV DEODORANT Indicator

### ⑤ Off Timer Mode

Since operation stops automatically after 1 hour, this mode is convenient when used at night, etc. It is easily performed from remote controller.

### ⑥ Hi-Power Mode

Maximum air flow for 30 minutes easily set with one remote controller button. This function is especially appreciated when visitors suddenly arrive, etc.



### ⑦ Transmitter

Sending signals to the main device.

### ⑧ Power Button

Press to switch between "START" and "STOP".

### ⑨ Automatic Operation Button

Can automatically adjust air output based on odour levels.

### ⑩ "HIGH" Mode Button

Sets operation mode to high.(44dB during operation)

### ⑪ "QUIET" Mode Button

Sets operation mode to quiet.(Noise level 19dB During operation)

### ⑫ 1-Hour Automatic Off Timer

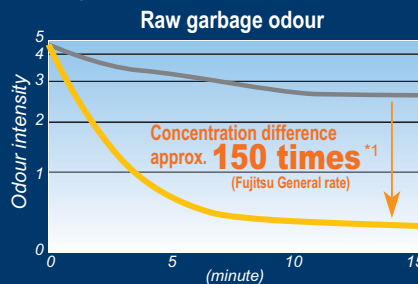
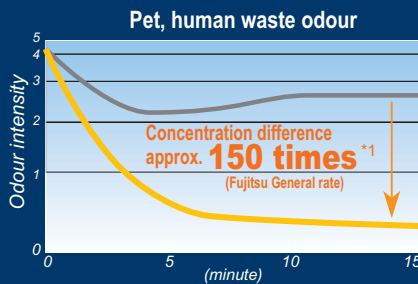
After one hour, the device will automatically turn off.

### ⑬ Hi-Power Mode Button

Runs at maximum power for 30 minutes, afterwards returning to the original operational state.

## High Performance Verification Test Results

### Comparison of deodorising performance



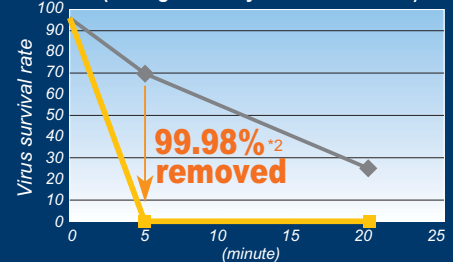
Odour intensity : 5.Very strong odour 4.Strong odour 3.Easily sensible odour 2.Weak odour but type of odour is sensed 1.Slightly sensible odour 0.No odour

— :Home air cleaner ACS-24NUV  
— :AIR DEODORISER DASY30S

\*1. Compared to our Model ACS-24NUV Air Cleaner using urine (substituted with ammonia), food and raw garbage (fermented beans used as compound odour). However, approximately 50 times the deodorising capability (our company's study) for faecal waste (skatol and compound odour). Tested with constantly emitted odour. Calculated from the fact that the balance ratio of concentration for the same generation volume with the concentration of odour intensity level 1 as 10 times is inversely proportional to the removal capability. \*2. Test organization: Kitasato Research Center of Environmental Sciences. Checked in UV deodorant system.

### Virus elimination rate

(Change of stray virus in 1m<sup>3</sup> box)



— :Natural loss  
— :AIR DEODORISER DASY30S



## SPECIFICATIONS

|                                |  |                            |   |
|--------------------------------|--|----------------------------|---|
| Model No.                      | DASY30S  | Sensor                     | Gas sensor  |
| Rated voltage                  | 220-240V 50/60Hz   | Motor drive                | Inverter  |
| Operation modes                | AUTO, QUIET, HIGH, HI-POWER  | Off timer                  | 1 hour  |
| Air flow (m <sup>3</sup> /min) | At minimum 0.8, at maximum 3.0   | Product outside dimensions | Width: 274 Height: 653 Depth: 215 (mm)  |
| Operating sound (dB)           | At minimum 19, at maximum 45   | Product weight             | 6.4kg   |
| Power consumption (W)          | At minimum 11, at maximum 35   | Installation               | Floor installation (wall mounting bracket installable)  |
| Applicable floor space         | ~33m <sup>3</sup> *By amount of generation source  | Power cord length          | 2m  |
| Dust collection function       | Non-woven fabric pleat filter  | Safety devices             | Overcurrent prevention (current fuse)<br>Excessive temperature rise prevention (automatic reset thermostat)<br>Excessive temperature rise prevention (temperature fuse) |
| Deodorising method             | UV ozone + compound honeycomb  | Remote controller          | Accessory   |
| Bacteria elimination method    | Bacteria elimination lamp  |                            |   |
| Filter life                    | Catalytic honeycomb filter: Automatic refreshing<br>Dust collection filter: Water washing refreshing |                            |   |



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ISO 14001 Certified number:104692  
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