



This solves your problems with distracting lifestyles smells and other stubborn smells.



Deodoriser

AIR DEODORISER

For Comfortable Life

Deodorisation capacity

Approx. 150 times ^{*1} that of an air cleaner
(Compared to conventional Fujitsu General products)

Bacteria elimination power

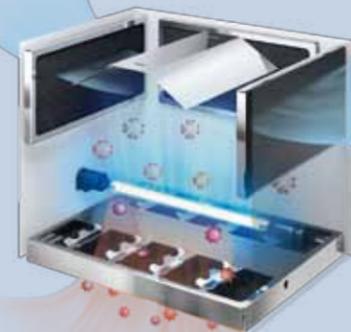
Removes 99.9 % ^{*2} of airborne bacteria

Economical

Filter replacement unnecessary ^{*3}

UV deodorant system

Powerfully deodorises almost all odours



^{*1}. 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.
^{*2}. Test organization: Kitasato Research Center of Environmental Sciences. Checked in UV deodorant system.
^{*3}. 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.)

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



DASY30S

2 WORLD FIRST functions.

UV deodorant system

WORLD FIRST

Powerful deodorisation & bacteria elimination by 3 wavelengths*2

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 (254nm).

Bacteria elimination

Bacteria and virus are repelled by light (185nm) having a bacteria elimination power 1600 times that of sunlight.

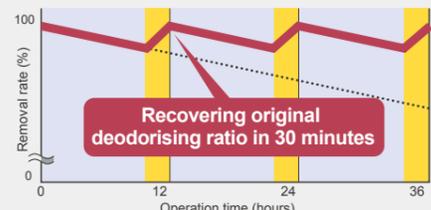
Automatic deodorisation capability regeneration system

WORLD FIRST

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.

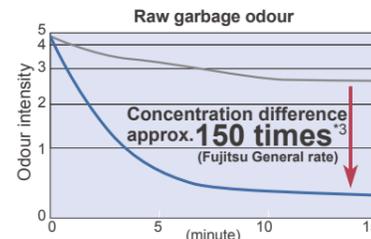
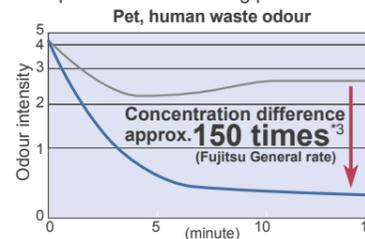
Image of filter regeneration by heating operation



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

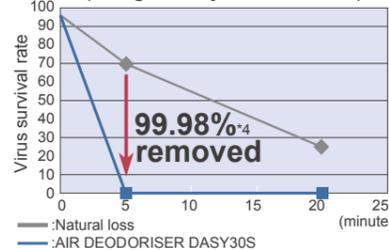
High Performance Verification Test Results

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

Virus elimination rate (Change of stray virus in 1m³ box)

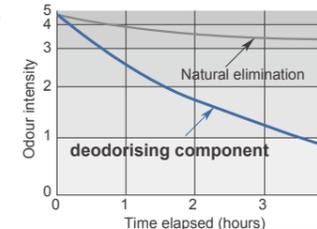


— :Natural loss
— :AIR DEODORISER DASY30S

Removes permeated odours

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

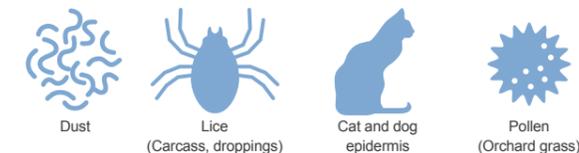
Deodorising effect of a piece of cloth permeated with the odour of 10 cigarettes
6 stage odour intensity method (test room of 13.2m²)



Air cleaning capability

Air is cleaned by powerful dust collection.

Prefilter: Removes pet hair and large dust particles.
Allergenic substance decomposition dust collection filter: Removes pollen, lice, and other allergenic substances*6



Filter replacement unnecessary

All filters do not require replacement. Economical

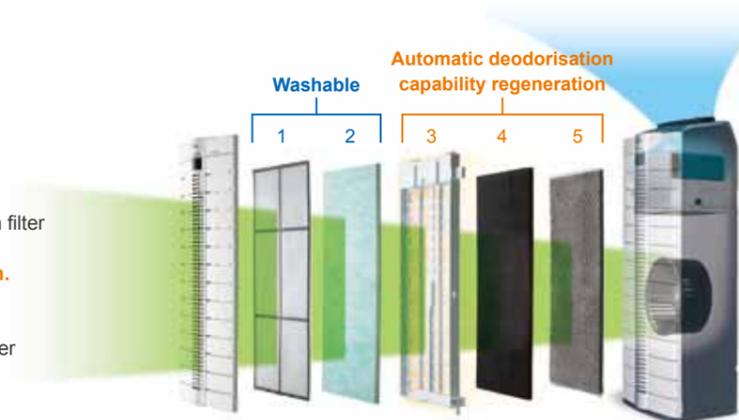
Washable. Replacement unnecessary.

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



*1. Home air deodorisation machine announced November 7, 2005. *2. Generates light of 3 wavelengths; ozone generation 185nm, bacteria elimination 254nm, and photo catalyst activation 365nm. *3. 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). 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. *4. Test organization: Kitasato Research Center of Environmental Sciences. Checked in UV deodorant system. *5. 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. *6. Test organization: Tested by Shinshu University using lice carcass, lice faeces, cat epidermis, dog epidermis, and orchard grass. *7. 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.

Specifications

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