Beyond a bedding vacuum cleaner, with the bedding management 337 Care System;

Change The Criteria Of The Sterilization Bedding Vacuum Cleaner!

THE WORLD'S FIRST!
DEHUMIDIFICATION FUNCTION EQUIPPED WITH ECO-DRY
95.6%
The world’s first, 7-stage allergen care system equipped with a dehumidification function!

Pleasant sleep creates a healthy tomorrow.

The Sound Sleep Project to take care of your comfortable bed.

WHO specified the 1st degree of carcinogens as fine dust particles and sweat shed during daily sleep because it causes a damp and unsanitary bedding, which creates a habitat for a variety of bacteria and dust mites. Because of that, our peaceful sleep is disturbed and we suffer from chronic fatigue, various illnesses, and skin diseases. Houssen improved these bedding environments and after numerous efforts, Houssen’s bedding sterilizer & vacuum cleaner was born. Meet the Sound Sleep Project, which will transform your bed to an even more refreshing one.

Houssen’s Bedding Sterilizer & Vacuum Cleaner

House dust mite’s feces or carcasses in beddings, mattresses, sofas, and carpet, trigger allergens harmful to the human body. The 7-stage Allergen Care Bed Sterilizer & Vacuum Cleaner removes fine dust and sterilizes harmful germs while dehumidifying.

With a Mom’s heart who thinks of her child...

There are fine dust particles from yellow dust and even after cleaning, there are house mites invisible to the naked eye. Houssen puts the heart of a mother anxious about mites into technology. It is equipped with the world’s first Eco-dry system to remove 95.6% humidity from bedding, and it destroys the habitat of house dust mites.

Houssen VISION

The Houssen brand cares for the health and environment!

We are leading the global market in the industry associated with health and the environment and our promise with our customers is our top priority to fully devote our passion to create a good product.

<table>
<thead>
<tr>
<th>Year</th>
<th>Stage</th>
<th>Description</th>
</tr>
</thead>
</table>
| 2015 | Start-up | * Value Product Creation  
* Establish distributors and export line |
| 2016 | Progress | * Fusion of electronics and robots  
* Intelligent Product Development |
| 2020 | Growth | * Children, elderly, safety, unattended use  
* Comprehensive Health Professional |
| 2030 | Maturity | * Build product lineup  
* Specialize in Sterilization Products |
The world's first! Bedding Sterilizer & Vacuum Cleaner equipped with a Dehumidification Function

Do you know how much you sweat during your sleep?
The amount of sweating during sleep every night varies from person to person, but the average excretion is about 150 ~ 300 ml. The sweat and secretions from the human body will provide an optimal environment for house mite formation and it is the main cause of various diseases such as atopic dermatitis, asthma, and skin diseases.

Why it is important for a bed cleaner to have a dehumidifying function?
The most important step in managing the mites in the bedding is after regular washing and drying, the fibers of the stained particles must be shaken off. Houssen's world's first Eco-dry system will completely dehumidify the environment and the 7-stage allergen care system will defend our family's beds.

Dehumidification Test Results (Measure: %)

<table>
<thead>
<tr>
<th>Usage Time (Minutes)</th>
<th>Non Eco-Dry System</th>
<th>Eco-Dry System</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Round1</td>
<td>Round2</td>
</tr>
<tr>
<td>5 min.</td>
<td>22.1</td>
<td>25.0</td>
</tr>
<tr>
<td>10 min.</td>
<td>35.2</td>
<td>38.8</td>
</tr>
<tr>
<td>15 min.</td>
<td>58.4</td>
<td>50.9</td>
</tr>
</tbody>
</table>
Let’s receive Houssen’s intensive bedding management through Houssen’s 3-stage emotional care service, 3-stage Eco-care system, and 7-stage allergen care system.

### 3 Emotions of Care System

Sending a deep impression with Houssen’s sensible care service, to create a comfortable, healthy, and happy home.

- **Comfortable Home**: Cleans and sanitizes bedding for the family’s hygiene by creating a comfortable home where peaceful rest can be enjoyed.

- **Healthy Home**: Makes a clean and fluffy bed for a true wellness lifestyle to create a healthy home.

- **Happy Home**: Comfortably and healthily protects against allergens and fine dust particles, creating a happy home for the family.

### 3 Eco-care System

The Houssen researchers did not miss anything trivial, they created the products with user-centered thoughts!

### Eco Systems made for Consumers

The 3 Eco Systems were created with the Houssen’s special methods, focusing on the functional aspects while considering the user safety and convenience, and the user-centered product was born.

- **Darkness is OK! Eco Lighting System**: UV lamp confirmation and light function
- **2-Stage Filtration Eco Filtering System**: 2-Stage Filter! Emits only clean air.
- **Fluffy Bedding! Eco Dry System**: Eliminates 95.6% humidity inside beds.

**Houssen’s Methods! We make the difference in the details!**

Houssen’s research team did not miss anything trivial, they designed user-centered products.
Houssen effectively eliminates the fine dust particles inside the bed and kills harmful bacteria; always creating a like-new bedding.

1st Stage
- **Dual Suction Care**
  - The dual suction system has its suction passages on top and in front of the device, which forms a channeling airflow effect. The front suction airflow is improved to stop bedding from sucking into the cleaner and the top suction is an assistant stage where the sterilization vacuum cleaner effectively and optimally sucks in the dust generated during cleaning, including the dust in the air.

2nd Stage
- **Intelligent Care**
  - The multi-roller mounted in the front and rear prevents bedding from getting sucked in to the suction inlet and is flexible to spread out the bedding while the magic chaos roller sucks up the fine dust particles in the bed and floor. The automatic brush mounted in the center shakes the bedding and the scattered fine dust particles and hair strands, and even pet hair is wiped off and collected in this stage.

3rd Stage
- **UV Ray Sterilization Care**
  - Sterilizing wavelength used for 3 seconds each time eliminates up to 99.9% (Korea Conformity Laboratories) of Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus aureus. This stage also eliminates the fine particles of harmful bacteria in bed and on the surface.

4th Stage
- **Suction Care**
  - Suction of fine dust particles and dirt are collected into the powerful suction motor resulting in a clean bedding. House dust mites, fine dust particles, and contamination are shaken off, swept, and collected by the powerful suction motor. This is the tidy suction cleaning stage.

5th Stage
- **Cyclone Care**
  - The fine dust particles and contaminates are drawn into the cartridge and sucked in by the cyclone principle, rotating the air blocking the primary filters preventing anything that will lower the suction power. This stage maintains the powerful suction for a long time.

6th Stage
- **HEPA Filtration Care**
  - The contamination is separated through two steps and the equipped primary filter filters out the bigger dust particles and dirt. The micro filter installed in the rear of the product filters out up to 99.985% of the fine 0.3 µm dust particles once more. This stage emits only clean air.

7th Stage
- **Dehumidification Care**
  - Using the heat of the clean motor filtered in two stages to dehumidify the bedding, making it fluffy and penetrates deep into the bedding eliminating the dampness to suppress the formation of harmful bacteria. This stage creates a pleasant environment. (On / off function provided). 

---

7-Stage Allergen Care System!

Pleasant sleep creates a healthy tomorrow.
Houssen's bed sanitizer vacuum cleaner changed the standards!

With the thoughts of the basic criteria for a bedding cleaner, i-Guard was born through Houssen’s philosophy.

Only the necessary features remains, a sensible bedding vacuum cleaner for a simple you.

Auto rotating brush with a powerful capacity of 2,000 rpm to sweep and gather the dust in the bed.

- The image was produced to improve understanding of the product and there may be a difference in color, the product includes a power cord.
Luxurious metal design with the capacity for striking three vibrating punches 7,000 times in one minute.

Houssen i-Guard

HV-570KR Special Features

Metallic Gray

HV-570KR

Body dimension: 368(W) x 352(L) x 188(H)
Body weight: 2.5 kg (including power cord)

Dehumidification system
Vibrating punch
Anti-bacteria filter
Adhesion prevention
Jam prevention
Washable dust tray
HEPA filter mount
Automatic brush
Cyclone cartridge
Dual-intake system
Airborne dust removable
Bottom-up exhaust system

HV-570KR Special Features

Refreshingly pulls out the fine dust particles hidden deep within the bed!

High-powered powerful sweeping punch!
7,000 high-powered micro-vibrating punches flicks out the fine dust particles and household dust and sucks them in.

1st Stage: Vibrates the bed!
Vibrating punches strikes the bed and flicks out the dust inside the bed.

2nd Stage: Sweeps and gathers the dust!
The brush sweeps and gathers the drawn dust and contaminants.

3rd Stage: Sucks in the dust!
The gathered dust and contamination is sucked in by a powerful 400W motor.
Key Special Features
Pleasant sleep creates a healthy tomorrow

Eco-Dry System (The World's First)

Eco-dry system optimally removes house dust and mites!

The world's first! Eco-dry system eliminates 95.6% of the humidity.
Even the humidity is pulled out resulting in a fluffy~Houssen science!
(Korea Testing & Research Institute: After 15 minutes of use, 95.6% of humidity was eliminated.)

Houssen's 7-stage allergen care's final stage focuses the motor's heat in one place, eliminating 95.6% of the dampness and humidity from deep within the bed to destroy the habitat of various bacteria and mites, and provides a pleasant environment.

Adhesion Prevention System

Gently pushes and shakes with the blanket adhesion prevention system.

Rapidly spinning while shaking off dust,
Loaded with the bedding adhesion prevention technology!
2 dual chaos rollers rapidly spins while spreading out the bedding and shaking off the dustwhile smoothly pushing through the bedding.

It shakes off the dust in the bedding and it is equipped with an adhesion prevention technology!
The forced air will shake off the dust or contaminant stuck on the brush or at the bottom and help with suction while the bedding is prevented from getting sucked into the suction inlet.

Pleasant sleep creates a healthy tomorrow.
UV germicidal lamp

**A more powerful 8W UV lamp with a wavelength of 253.7nm**

**Sterilization in three seconds! Houssen's UV shower**
Use of the UV germicidal lamps for 3 seconds results in 99.9% reduction in harmful bacteria, such as Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus aureus.

**Introduction of the 8W UV-C Lamp**
The UV-C lamp is more powerful than the average 4W UV products.

**About 6,000 hours of use!**
It is equipped with long-life UV lamp so it is durable and lasts for a long time.

**Recommended product**

**FDA's First-Class Medical Supplies, Recommended as a Superior Product by the Korea Atopy Association**

---

House dust mites and harmful fine dust particles cannot be removed from the bed and bedding, and the harmful allergens are passed onto us. These allergens can cause various allergic reactions. It may also cause a variety of diseases and symptoms. In particular, the skin and bronchial tubes are impacted causing asthma, allergic rhinitis, atopic dermatitis, and skin troubles. It’s not only for those were previously suffered from skin diseases or have bronchial problems. It's also for those with weak immune systems like children and the elderly. They must be especially more careful about house dust mites.

**Bedding management is now mandatory not optional!**
Houssen's bed sterilization vacuum cleaner shakes off and sucks up the fine dust particles in the bed, effectively removing and blocking the house dust and mites. The Eco-dry system will initially block the humid environment and make your bed safe from house dust mites and harmful germs. Now, bed management is a requirement!
Only Houssen's products have all the features.
Flip the product and take a look at the bottom! Verify the product distinction.

Floor Surface View
- HEPA Filtration System
- Eco-Dry System
- Dual Chaos Roller
- Adhesion Prevention System
- Safety Device
- Dual Chaos Roller
- Vibrating Punch

Side View
- 2-Stage Operation Switch
- Removable Cartridge Handle
- Cyclone Technology Dust Filter
- Front Suction Inlet

Front View
- Ergonomic Handle
- Special System Air Vent
- Dual Suction Inlet

i-Guard HV-570KR Dimensions
- 382mm
- 188mm

Pleasant sleep creates a healthy tomorrow.
### Use and Safety Precautions

- Read the instruction manual carefully before use, please use it properly.
- Do not look directly into an operating UV lamp and avoid direct contact with skin.
- If directly exposed to the UV lamp for a prolonged period, please contact a physician immediately.
- If the product or the power cord is damaged, please contact Houssen's Customer Satisfaction Center at 1899-9517 to receive A/S.

---

<table>
<thead>
<tr>
<th>Main Category</th>
<th>Sub-Category</th>
<th>MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Metallic Black</td>
<td>Pastel Blue</td>
</tr>
<tr>
<td>Rated voltage</td>
<td>220V/60Hz</td>
<td>220V/60Hz</td>
</tr>
<tr>
<td>Rated power consumption</td>
<td>400W</td>
<td>400W</td>
</tr>
<tr>
<td>Power cord length</td>
<td>4M</td>
<td>4M</td>
</tr>
<tr>
<td>Product Dimension</td>
<td>368(W) × 382(D) × 188(H)</td>
<td>368(W) × 382(D) × 188(H)</td>
</tr>
<tr>
<td>Weight (Net) Including cord</td>
<td>2.2kg (2.5kg)</td>
<td>2.2kg (2.5kg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Main Components</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sterilization lamp</td>
<td>8W(G8T5)</td>
<td>8W(G8T5)</td>
<td>8W(G8T5)</td>
</tr>
<tr>
<td>Suction motors</td>
<td>400W</td>
<td>400W</td>
<td>400W</td>
</tr>
<tr>
<td>Brush</td>
<td>Automatic Brush</td>
<td>Automatic Brush</td>
<td>Manual Brush (Friction Type)</td>
</tr>
<tr>
<td>Apx. 2,000 RPM</td>
<td>Apx. 2,000 RPM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vibrating punch</td>
<td>•</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Apx. 7,000 RPM</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>3 qty. (intergrated)</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Cartridge filters (Primary)</td>
<td>PPEMB PRE FILTER</td>
<td>PPEMB PRE FILTER</td>
<td>PPEMB PRE FILTER</td>
</tr>
<tr>
<td>Micro filters (Secondary)</td>
<td>HEP FILTER</td>
<td>HEP FILTER</td>
<td>HEP FILTER</td>
</tr>
<tr>
<td>Sterilization Care</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st Stage</td>
<td>Dual-suction Care</td>
<td>Dual-suction Care</td>
<td>Dual-suction Care</td>
</tr>
<tr>
<td>2nd Stage</td>
<td>&quot;Intelligent Care (Vibration punch + Auto brush + 2 Chaos rollers)&quot;</td>
<td>&quot;Intelligent Care (Auto brush + 2 Chaos rollers)&quot;</td>
<td>&quot;Intelligent Care (Vibration punch + 2 Chaos rollers)&quot;</td>
</tr>
<tr>
<td>3rd Stage</td>
<td>UV Sterilization Care</td>
<td>UV Sterilization Care</td>
<td>UV Sterilization Care</td>
</tr>
<tr>
<td>4th Stage</td>
<td>Suction Care</td>
<td>Suction Care</td>
<td>Suction Care</td>
</tr>
<tr>
<td>5th Stage</td>
<td>[Primary] Cyclonic Filtering Care</td>
<td>[Primary] Cyclonic Filtering Care</td>
<td>[Primary] Cyclonic Filtering Care</td>
</tr>
<tr>
<td>6th Stage</td>
<td>[Secondary] HEPA Filtration Care</td>
<td>[Secondary] HEPA Filtration Care</td>
<td>[Secondary] HEPA Filtration Care</td>
</tr>
<tr>
<td>7th Stage</td>
<td>ECO Dry Care</td>
<td>ECO Dry Care</td>
<td>ECO Dry Care</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Main Function</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesion prevention feature</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Bedding jam prevention feature</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Open cartridge type</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Cyclone cartridge</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Dual-suction care</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Floating dust removal</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Bottom-up exhaust system</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>HEPA filter</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Humidity removal feature</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Automatic brush</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>Vibrating punch</td>
<td>•</td>
<td>×</td>
<td>•</td>
</tr>
<tr>
<td>Anti-bacterial filter</td>
<td>•</td>
<td>×</td>
<td>•</td>
</tr>
</tbody>
</table>