

RECOMMENDED
FOR

- Office • Reception Room • Meeting Room • Smoking Room • Factory • Game Hall
- Sports Facility • Pet Shop • Hotel • Restroom • Restaurant • Nursing Facility
- Hospital • Animal Clinic • Reception Hall/Waiting Room • School • Nursery School

SPECIFICATION

HUMIDIFICATION	MODEL		SH-450			SH-350			SH-250			SH-150	
	Misting Method		Generation of dry mist with an ultrasonic transducer										
	Operation		Switch between Continuous operation and Intermittent operation on the unit control board										
	Tank Capacity		10L, 20L			5L			5L			5L	
	Liquid Detection Lamp		Available										
	Continuous Misting Duration 10°C–15°C		8–24 hours										
	Humidification Volume		10L:1.25, 20L:2.5L/H			0.625L/H							
AIR PURIFICATION	HEPA Filter		Available										
	Dust Collection Performance		99.97% or more (Particle counting method/0.3μm)										
	Bacteria Removal and Deodorization		Quadruple bacteria removal and deodorization					Triple bacteria removal and deodorization			Double bacteria removal and deodorization		
	Generation of Negative Ion		Available								Not available		
	Wireless Remote Control		Available								Not available		
	Airflow 3-speed Switch		Available								2-speed		
	Air Processing (m³/min)		Low	Mid	High	Low	Mid	High	Low	Mid	High	Low	High
			10	15	22	8	13	18	5	11	13	1.5	3
	Power Consumption (60Hz)		145W			110W			90W			25W	
			135W			90W			90W			90W	
	Power Cost		47 yen(per day)			36 yen (per day)			29 yen (per day)			8 yen (per day)	
			44 yen (per day)			29 yen (per day)			29 yen (per day)			29 yen (per day)	
	Noise Level (dB)		58dB and below			56dB and below			56dB and below			52dB and below	
	Weight (kg)		90kg			58kg			35kg			18kg	
	Dimension (mm)		W680×D300×H1800			W440×D266×H1750			W440×D266×H1053			W430×D272×H722	
Installation Method		W430×D272×H722											
Room Size (Approx.)		150m² or larger			100m² or larger			70m² or larger			45m² or larger		

*The power consumption is calculated based on the Low speed, as Low is used most of the time.



FOR SAFETY USE

- Do not use the product in the areas where combustible gas is placed, water is dropped or the use of fire is prohibited.
- Read the "Handling Manuals" carefully.
- Use the specified power source and voltage as indicated on the product.

Recommendation of a Periodical Full Maintenance

Pre-filters, HEPA filters and various parts need to be replaced periodically to prevent the deterioration of intended effect and any system failure. We recommend a periodical full maintenance contract to use our product at the optimal level. In the event of a failure, we provide repair service for free to domestic customers.

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We, at Pratitya, is committed to the creation of clean living and realization of a sustainable recycling society.

Pratitya Asia Pacific Pte Ltd

Super
Deodorization
&
Sterilization
Performance

PATENTED

Room Air Cleaner with Hypochlorite Bacteria Removal & Dry Misting Functions

Creating a safe and comfortable space
by purifying the indoor air

Cleanest Air

Adjure



SH-450

SH-350

SH-250

SH-150

Using a filter that traps matters up to PM0.3, the unit is equipped with a high level of dust collection capacity, a strong triple sterilization deodorization function using activated carbon, photocatalyst and violet ion, hypochlorite sterilization dry-misting function and a negative ion generation function.

High-performance Air Cleaner Euipped with 4 Functions

HEPA Filter or Electric Dust Collection Filter
DUST COLLECTION
PM0.3/Pollen/
Yellow Sand
etc

Activated Carbon and Photocatalyst
DEODRIZATON
Ageing Odour/Plant Odour/
Excrement Odour
etc

Dry-misting Hypochlorous Bacterial Removal
HYPOCHLORITE STERILIZATION DRY-MIST
Influenza/
Norovirus/Flue
etc

Dry Mist and Negative Ions
HUMIDIFICATION
Dry Air/
Static Electricity
etc



Vacteria and viruses that ozone (violet ion) and photocatalyst can disinfect

- Spore-forming Bacteria ■ Pseudomonas Aeruginosa
- Mold fungus ■ Ascospore Yeast
- Mycobacterium Tuberculosis ■ Pathogenic E. coli
- Methicillin Resistant Staphylococcus Aureus
- Methicillin Fertilized Staphylococcus Aureus
- Salmonella Bacteria ■ Bacillus cereus ■ Serratia
- Coronavirus ■ Norovirus ■ Influenza virus
- Adenovirus ■ AIDS virus ■ RS virus and others.

*The unit is assumed to kill Ebola virus, MERS virus and other viruses other than the virus as listed above. The unit is also confirmed to kill various viruses and bacteria.

DISINFECTION SPECTRUM

Dry-misting mildly acidic hypochlorous water and diffusing it to a wide area

Mildly acidic hypochlorous water works best in neutral condition to kill germs and bacteria [ph6.5] Weakly acidic electrolysed water and Chlorine dioxide can be used.

SPORE BACILLUS	Bacillus Natto	Cereus	Botulinus
FILAMENTOUS FUNGUS	Candida		
VIRUS	Noro (Feline Calicivirus)	Influenzas	SARS
FUNGUS	Mold (Aspergillus)		
PATHOGEN	E. Coli 0-157 Vibrio Cholerae		
FOOD POISONING BACTERIA	Salmonella	Vibrio Parahaemolyticus	
GENERAL BACTERIA	E. Coli	Lactic Acid Bacteria	Staphylococcal Bacteria

Mildly Acidic Hypochlorous Acid

Hypochlorous Acid Soda

Alcohol

*There is no guarantee that the unit can deactivate all the above-listed viruses and bacteria.

Dry mist is referred to the mist that contains several to several hundreds of water droplets, each size of which is as tiny as several μ to dozens of μ in diameter. **Water mist doesn't make you feel wet** , so it is called Dry Mist.

Add a Humidifier Function to the Conventional Hypochlorous Air Cleaner!

One unit works as an air cleaner, a deodorant, a disinfectant and also a humidifier. It can be used the whole year.

WINTER (Misting On)
Prevention of Influenza
Spray tiny droplets of Hypochlorous (dry mist) to the enter space

SUMMER (Misting Off)
Removal of matters up to M2.5, pollen, yellow sand and virus
Removal of bacteria with violet ion & Circulation of clean air with a high level of dust collection performance

Installation services unnecessary

Easily movable with casters

Empty tank signal

Intermittent operation with the 5L timer

Spraying mist continuous operation 8-24 hours

Option: **Humidity Controller**
An optional function is available where the unit monitors the humidity level of the incoming air and stop spraying dry mist when the humidity reaches the preset level.

Using Low Noise High-Performance HEPA Filter

Super Deodorization & Sterilization Performance

Remove invisible matters as small as 0.03μ, including pollen, tick droppings, PM2.5, virus, etc, while the strong fan forcefully cycles and moves the air. Equipped with the triple bacteria removal function along with a misting function, this unit removes various kinds of viruses. Additionally, the negative ion generator provides comfortable space.

6 Sick House Samples

Measurement Location: Joetsu Environmental Science Center

Acetaldehyde

Toluene

Ethylbenzene

Formaldehyde

Xylene

Styrene

Pre-filter	Hepa Filter	Deodorization Filter	Violet Ion Device	Titanium Oxide Photocatalyst	Negative Ion Generator	Hypochlorous Mist for Bacteria Removal
Trap larger duct	Trap micro-sized dust, smoke, tick	Adsorb and deodorize odour components	Quickly decompose, deodorize and sterilize odour	Decompose odour components by apply ultraviolet light on titanium oxide	Generate negative ion, leaving the space fresh	Hypochlorous misting for bacteria removal
Replacement Frequency						
3 times/year	3 times/year	Twice/year	Once/year	Once/year	As necessary	Once/year

Large Dust

Small Dust

Dead Ticks

Odour

Airborne Microbes

Violet Ion

Negative Ion

Fresh Air

ACCESSORY
■ **5L Tank**
Capable of 24hour spraying

OPTION
■ **Hypochlorite Disinfectant DJ-60J**
Disinfectant
Disinfect virus and common bacteria
Long Shelf Life
3 years if unopened
■ **Customized Items**
- 24hour sensor
- Humidity sensor 30%~80%
- Replaceable with Fall Prevention Board

SPARE PART
■ **Violet Ion Lamp**
This dedicated lamp maximizes the performances, including deodorization, generation of negative ion and photocatalyst. It needs to be replaced every 10,000 hours as a guideline. It lasts approx. 400 days if it is turned on all the time.
■ **HEPA Filter**
■ **Titanium Oxide Photocatalyst**
■ **Deodorization Filter**