

Air Purifier

HITACHI



究極の理想



THE EPITOME OF DESIRE



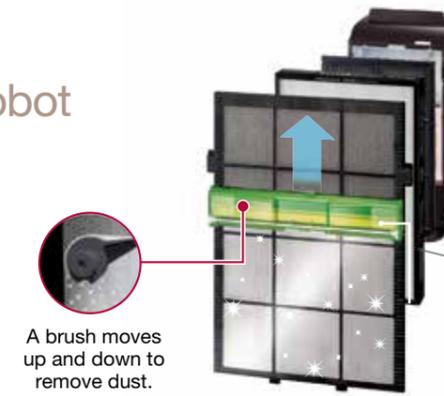
Our Air Purifiers are Made in Japan. And Stocked with Innovative Features.

Harnessing the best of Hitachi technology, we derive immense pleasure in delivering powerful air purifiers through proprietary technologies. Its unique air purifying filtration system keeps the living space clean and comfort.

Hitachi Made in Japan air purifiers exude external aesthetic beauty and are also made for the intelligent and innovative homes of the future.
With Hitachi, you've got it made.

Auto Self Clean – Auto Filter Cleaning Robot

The pre-filter is automatically cleaned before dust accumulates for easier maintenance.



A brush moves up and down to remove dust.

Allergen-free HEPA & Washable Deodorising Filter

Ready to remove a variety of dirt and odours from the air, including fine dust and allergens.



Can be washed with water

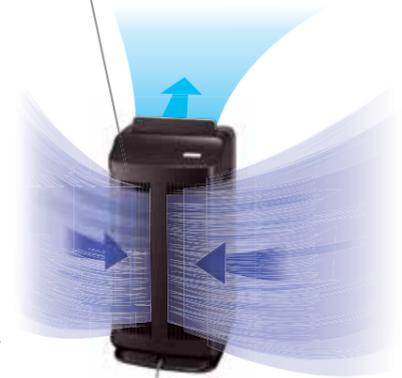


EP-L110E

PM 2.5*1	Free-floating viruses*2	Free-floating bacteria*2	Cedar pollen*3
Ragweed pollen*3	Birch pollen*3	Dust mite excreta*3	Cat dander*3
Ammonia*2 (pet odours, etc.)	Trimethylamine*2 (rotten fish odours, etc.)	Acetaldehyde*2 (tobacco odours, etc.)	Isovaleraldehyde*2 (barbecued/broiled meat odours, etc.)
Acetic acid*2 (pickled vegetable odours, etc.)	Isovaleric acid*2 (body odour, room-dried clothes odour, etc.)	Hydrogen sulfide*4 (drain/toilet odours)	Methylmercaptan*4 (rotten vegetable odours)

Wide & Speedy Dust Collection

Speedy air purifying with massive volume of 11m³ per minute. Applicable to a 79m² floor space.



*1 Effect in a 32m³ enclosed space
*2 Effect in a 25m³ enclosed space
*3 Suppression effect on cedar, ragweed and birch pollen, dust mite excreta, cat dander and other substances containing allergens
*4 Test results in a 1m³ test chamber



Hitachi's Air Purifiers were awarded the Allergy UK Seal of Approval in recognition of their proven ability to reduce exposure to allergens.

- Tested by Allergy UK (The British Allergy Foundation)
- Tested with house dust mites and pollen

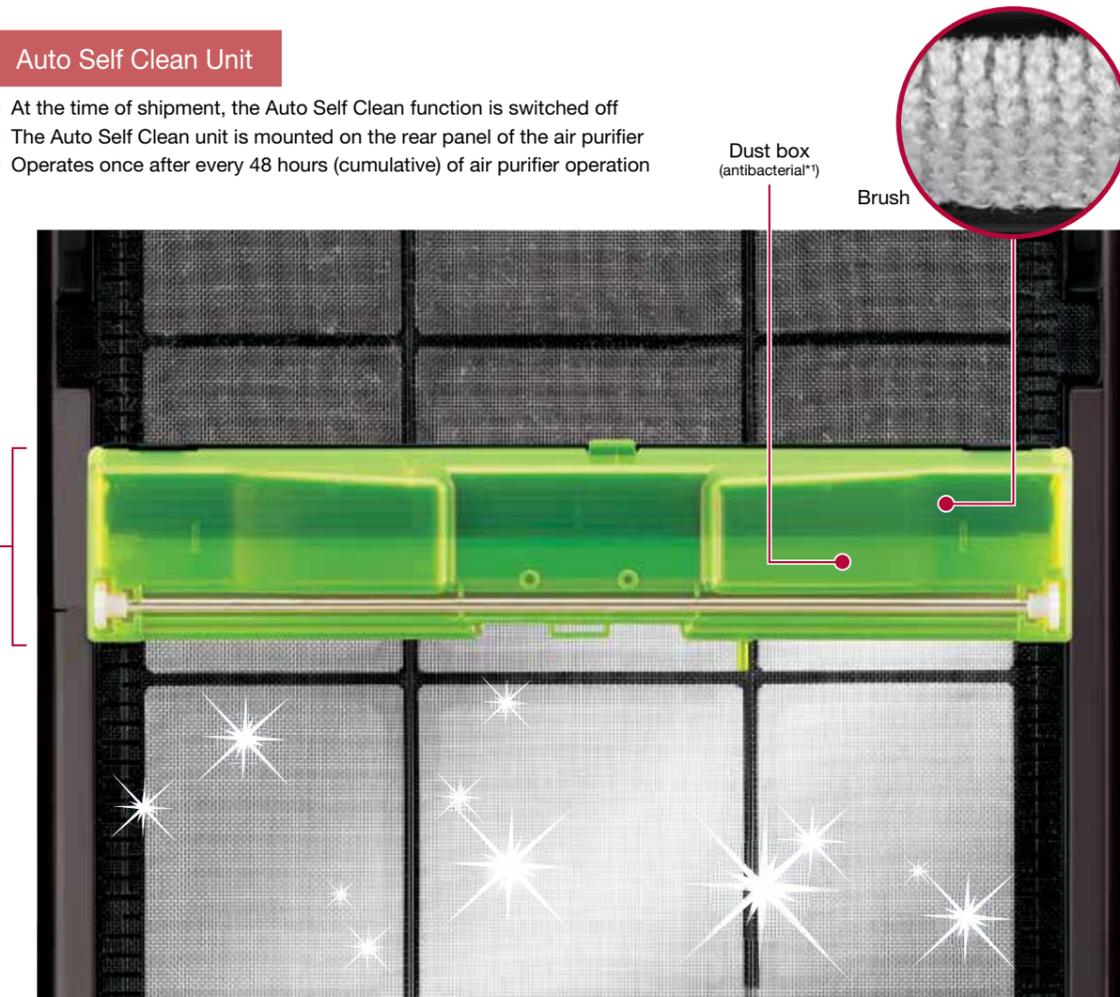
Easy Maintenance & Cleaning

Auto Self Clean – Auto Filter Cleaning Robot

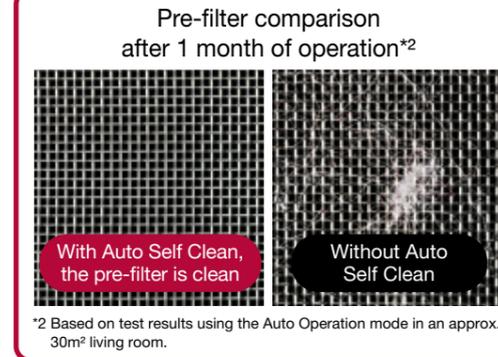
When the Auto Self Clean unit operates, it moves up and down while brushing the pre-filter to remove dust, which is then collected in the dust box.

Auto Self Clean Unit

- At the time of shipment, the Auto Self Clean function is switched off
- The Auto Self Clean unit is mounted on the rear panel of the air purifier
- Operates once after every 48 hours (cumulative) of air purifier operation



*1 Testing authority: Boken Quality Evaluation Institute. Test methods: JIS Z 2801 antimicrobial test (film adhesion test). Target: adhesive bacteria. Antibacterial method: antibacterial components in resin. Test results: antibacterial activity value of 2.0 or higher (An antibacterial activity value of 2.0 or higher indicates an antibacterial effect).



Pre-filter comparison after 1 month of operation*2



Easy maintenance

As a rule, empty the dust box about **once a year***3

When the dust box becomes full of dust, an indication*4 lets you know it is time to empty it. The box needs to be emptied about once a year, so it is not troublesome.



The Auto Self Clean unit can be washed with water.

*3 Based on the results of dust accumulation tests (assuming collection of approx. 0.2g of dust/month in an approx. 20m² room. In-house investigation.) The amount of dust differs depending on the environment in which the unit is used. Please regularly check the dust box and empty it when necessary.

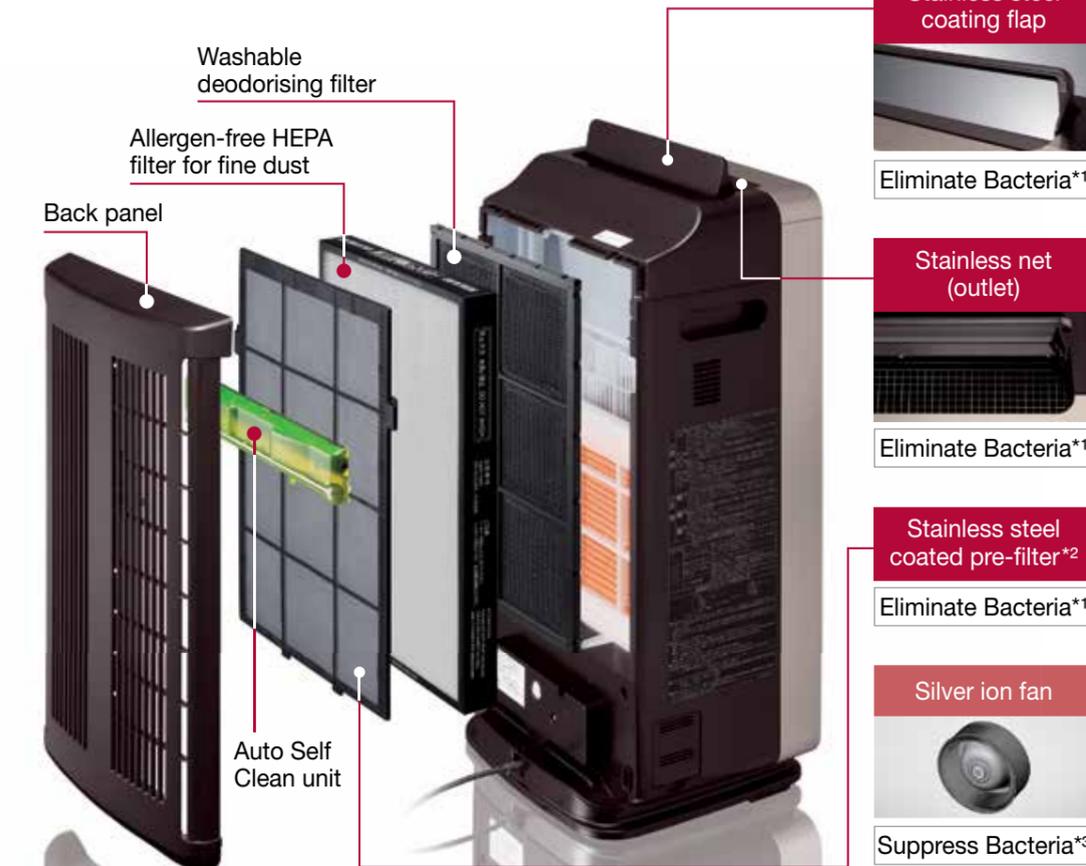
*4 The indication is a rough guide.

Even when the pre-filter is automatically cleaned, depending on conditions of use and the environment, there may be dirt that cannot be removed from the filter. If you are concerned about greasy dirt or other kinds of stubborn dirt, please regularly remove the filter and clean it.

Easy Maintenance & Hygienic

Stainless Clean System

Stainless steel anti-bacterial effect keeps it hygienic. The stainless steel used in the pre-filter, flap and net outlet help eliminate bacteria.



*1 Not all of the bacteria in the air released by the air purifier are eliminated. Antibacterial effect of the (1) stainless pre-filter, (2) stainless flap, and (3) stainless net (outlet) • Testing authority: (1) and (2) Boken Quality Evaluation Institute, (3) Kitasato Research Center for Environmental Science • Test method: JIS Z 2801 (film contact method) • Test item: Attached bacteria • Sterilization method: Using the metal ion contained in stainless steel • Test results: 99% of bacteria eliminated after 24 hours.

*2 Stainless-steel coating.

*3 There is no anti-bacterial effect in the air released by the air purifier. Anti-bacterial effect of the silver ion fan • Testing authority: Boken Quality Evaluation Institute • Test method: JIS Z 2801 (film contact method) • Test item: Attached bacteria • Anti-bacterial method: Anti-bacterial components included into the silver ion fan • Test results: Anti-bacterial activity value 5.1 (anti-bacterial effect is present when the activity value is more than 2.0).

User-friendly

Glass panel

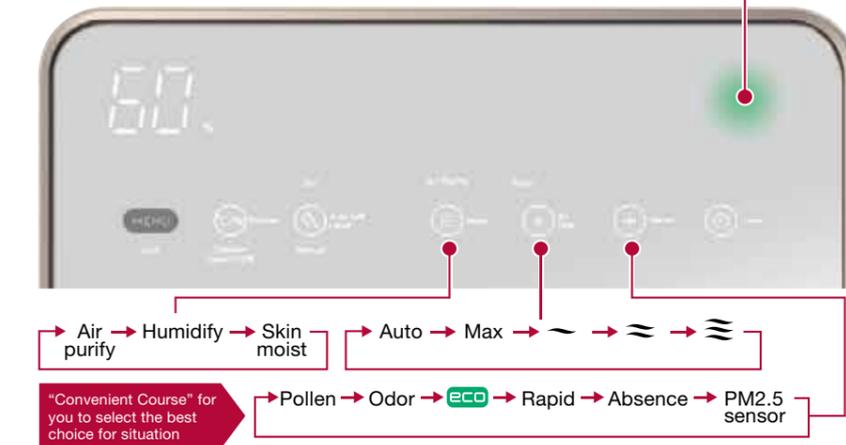
Flat front glass panel is easy to clean – simply wipe off dirt. Reinforced glass is also scratch-resistant. Color does not fade and matches home interiors.



Touch panel operation

Touch panel has been incorporated on front glass panel.

Clean monitor changes its color to notify status
Blinks when PM2.5 sensor is activated



Slim design

Sleek, slim design of this large capacity unit occupies less space and is an ideal match for modern interiors.



Width 360mm • Depth 291mm

Low operating sound and energy-saving

Special emphasis has been placed on reducing noise during operation and lowering electricity cost

Low noise operation

20 dB	Sound of leaves rustling on a tree	30 dB	Pendulum of a wall clock
40 dB	Inside a library	50 dB	Inside a regular office

	Silent	Medium	High	Max
EP-L110E	14dB	25dB	32dB	55dB

eco operation cuts energy consumption by up to 14%*1 compared to normal automatic operation

When the air is clean or the level of humidity is suitable, the fan automatically pauses and resumes operation every hour.

*1 Energy consumption compared between automatic operation and ECO operation in air purifying mode. Automatic operation: 6.8Wh, ECO operation: 5.6Wh. Tested by Hitachi. Reduction rate of power consumption varies depending on how dirty the air is. Reaction toward dealing with dirty air and corresponding to humidity changes may be slower compared to normal operation mode.

EP-L110E



Hitachi's Air Purifiers were awarded the Allergy UK Seal of Approval in recognition of their proven ability to reduce exposure to allergens.

- Tested by Allergy UK (The British Allergy Foundation)
- Tested with house dust mites and pollen
- Applies to EP-L110E, EP-A9000, EP-M70E, EP-A8000, EP-A7000, EP-A6000, EP-A5000 and EP-A3000

Clean air mode	Purifying time (At max air flow)*2	6 min in a 13m ² room			
	Recommended applicable floor space for air purification (At max air flow)	~ 79m ²			
Clean air and humidifying mode	Purifying time (At max air flow)*2	10 min in a 13m ² room			
	Recommended applicable floor space for air purification (At max air flow)	~ 50m ²			
	Humidifying amount (At max air flow)*3	Approx. 800 mL/h			
	Recommended applicable floor space for humidifying	<table border="1"> <tr> <td>Room with wooden flooring</td> <td>~ 22m²</td> </tr> <tr> <td>Modern prefabricated room</td> <td>~ 37m²</td> </tr> </table>	Room with wooden flooring	~ 22m ²	Modern prefabricated room
Room with wooden flooring	~ 22m ²				
Modern prefabricated room	~ 37m ²				
	Air flow amount (50/60Hz at max mode)	11.0m ³ /min			
	Auto Self Clean	○			
	Wide and speedy dust collection	○			
	PM2.5 sensor	○			
	HEPA filter	○			
	Washable deodorising filter	○			
	Stainless clean system	○			
	Glass panel	○			
	Touch panel operation	○			
	Off timer	4 hours / 2 hours			
	Room temperature indication	○			

*2 Time taken to clean: Displays time taken for dirt (powdered dust) of standard thickness to reach a level lower than the standard amount of such powdered dust in a room of approx. 13m².

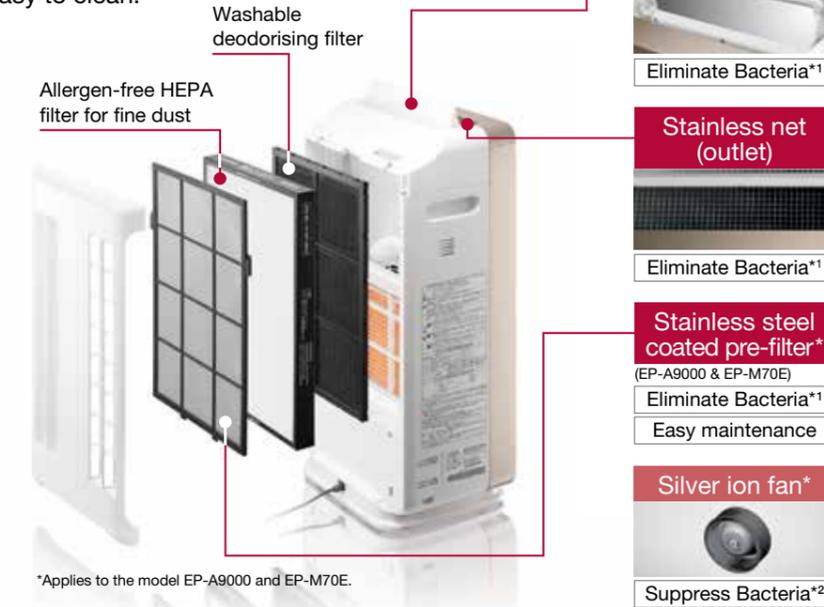
*3 In accordance with the JEM1426 standard of Japan Electrical Manufacturers' Association

Auto Self Clean makes maintenance easy. And air drawn in from a wide area enables the collection of dust in a 13m² room in just 6 minutes.

Mirror

Stainless Clean System

The stainless filter is not only hygienic but also easy to clean.



*Applies to the model EP-A9000 and EP-M70E.

*1 Not all of the bacteria in the air released by the air purifier are eliminated. Antibacterial effect of the (1) stainless pre-filter, (2) stainless flap, and (3) stainless net (outlet) • Testing authority: (1) and (2) Boken Quality Evaluation Institute, (3) Kitasato Research Center for Environmental Science • Test method: JIS Z 2801 (film contact method) • Test item: Attached bacteria • Sterilisation method: Using the metal ion contained in stainless steel • Test results: 99% of bacteria eliminated after 24 hours.

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Allergen-free HEPA filter for fine dust

Effectively captures fine particles

HEPA Filter collects **99.97% or more** dust of 0.3µm

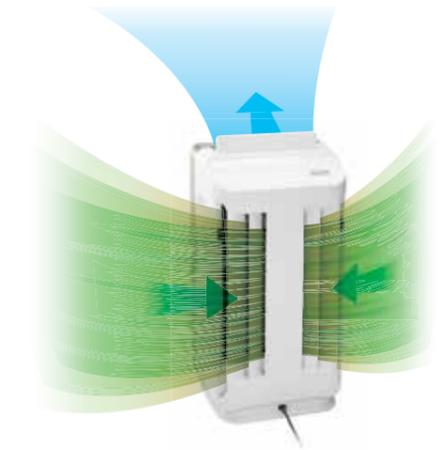
Collects 99.7% or more dust containing fine particles of 0.3µm at a rated air flow. Based on performance of a single HEPA filter with the JIS Z 8122. Overall room dust removal performance may differ.



Wide & Speedy Dust Collection

Speedy air purifying with a massive air volume of 9m³* per min. Applicable to a 68m²* floor space.

*Applies to the model EP-A9000.



Other Features

- Powerful humidification at 800mL/h (EP-A9000) & 700mL/h (EP-M70E)
- Washable deodorising filter
- User friendly touch panel operation panel
- Low operating sound and energy-saving

EP-A9000



Applicable Floor Space for Air Purifying ~68m²

EP-M70E



Applicable Floor Space for Air Purifying ~53m²

EP-NZG70J



Applicable Floor Space for Air Purifying ~53m²

EP-P50J



White



Allergen-Free Catechin Deodorising HEPA Filter Thoroughly catches odours*1 and pollen

- ECO Mode Saves 36% more energy compared to Automatic mode
- Humidifying Function
- Quiet Silent Mode 15dB

	Applicable Floor Space
Air Purifying	~33m ²

Humidifying **INVERTER**

EP-PZ50J



White



Allergen-Free Catechin Deodorising HEPA Filter Thoroughly catches odours*1 and pollen

- ECO Mode Saves 36% more energy compared to Automatic mode
- Quiet Silent Mode 18dB

	Applicable Floor Space
Air Purifying	~33m ²

INVERTER

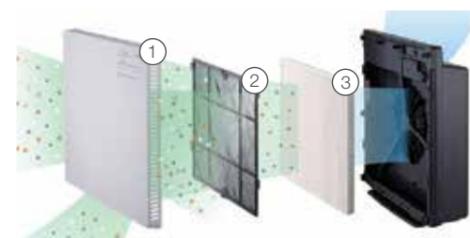
EP-TZ30J



White



Allergen-Free HEPA, Deodorising Filter
Washable Pre-Filter



- 1 Antibacterial Front Cover
- 2 Washable Pre-Filter
- 3 Allergen-Free HEPA, Deodorising Filter

	Applicable Floor Space
Air Purifying	~22m ² (50Hz) / ~25m ² (60Hz)

SPECIFICATIONS



Model Name	EP-L110E	EP-A9000	EP-M70E	EP-P50J	EP-NZG70J	EP-PZ50J	EP-TZ30J	
Body Color	Mirror	Champagne	Pearl White	White	Champagne	White	White	
Power Supply	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	
Applicable Floor Space (m ²)*1	79	68	53	33	53	33	22/25	
Humidifying Capacity (mL/h)*2	Approx. 800	Approx. 800	Approx. 700	Approx. 520	-	-	-	
Tank Capacity (L)	Approx. 2.5	Approx. 2.5	Approx. 2.5	Approx. 2.5	-	-	-	
Mode & Course	Air Purify, Humidify, Skin Moist, Pollen, Odour, Rapid, Absence, ECO	Air Purify, Humidify, Skin Moist, Pollen, Odour, Rapid, Absence, ECO	Air Purify, Humidify, Skin Moist, Pollen, Odour, Rapid, Absence, ECO	Air Purify, Humidify, Skin Moist, Pollen, Odour, Rapid, Absence, ECO	Air Purify, Pollen, Odour Rapid, Absence, ECO	Air Purify, Pollen, Strong Deodorization, ECO	Air Purify, Pollen, Odour	
Auto Self Clean	○	-	-	-	-	-	-	
PM 2.5	○(with sensor)	○(with sensor)	○(with sensor)	○	○(with sensor)	○	○	
STAINLESS CLEAN	○	○	○	-	○(Outlet net)	-	-	
Inverter Control	○	○	○	○	○	○	-	
ECO Mode Efficiency vs Silent mode (%)	13	14	16	36	27	44	-	
Removable Odours	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Rotten Fish	
Suppressible Substances	Mould, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mould, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mould, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mould, Cedar pollen, Dead house dust mites	Mould, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mould, Cedar pollen, Dead house dust mites	Cedar Pollen, Birch Pollen, Ragweed Pollen, Dust Mites Dung, Cat Dandruff	
Air Flow Rate	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	
Air Flow Clean air mode (m ³ /min)	11 4 3.1 1.1	9 4 2.7 1.1	7.2 4 2.7 1.1	5.0 4.3 2.9 0.9	7 4 2.7 1.1	5 4 2.8 1	2.8/3.2 1.4/1.1 0.9/0.6	
Air Flow Clean air & humidifying (m ³ /min)	6.7 4 3.1 2	6.7 4 2.7 1.6	6 4 2.7 1.6	4.0 3 2.5 0.8	-	-	-	
Power Consumption Clean air mode (W)	95 13 11 8	85 16 10 7	59 16 11 8	50 32 14 4	50 13 8 6	45 32 14 4	37/43 21/20 18/16	
Power Consumption Clean air & humidifying (W)	28 13 11 8	43 16 10 8	41 16 11 9	40 28 14 5	-	-	-	
Sound Clean air mode (dB)	55 32 25 14	54 38 30 15	49 38 30 15	50 46 40 15	49 35 25 15	50 45 38 18	46/50 33/27 27/22	
Sound Clean air & humidifying (dB)	44 32 25 16	48 38 30 20	47 38 30 20	50 46 40 15	-	-	-	
Filter Type (Approx. filter life)	Washable Prefilter ○ (Stainless) Allergen-free HEPA Filter (10 years*) ○ Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorising Filter (10 years*) - Allergen-free HEPA Filter + Deodorising Filter (2 years*) - Allergen-free Catechin Deodorising HEPA Filter (2 years*) - Heavy Duty Deodorising Filter (10 years*) - Washable Deodorising Filter (10 years*) ○ Humidifying Filter (10 years*) ○ Humidifying Filter (3 years*) - Humidifying Filter (2 years*) -	Washable Prefilter ○ (Stainless) Allergen-free HEPA Filter (10 years*) ○ Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorising Filter (10 years*) - Allergen-free HEPA Filter + Deodorising Filter (2 years*) - Allergen-free Catechin Deodorising HEPA Filter (2 years*) - Heavy Duty Deodorising Filter (10 years*) - Washable Deodorising Filter (10 years*) ○ Humidifying Filter (10 years*) ○ Humidifying Filter (3 years*) - Humidifying Filter (2 years*) -	Washable Prefilter ○ (Stainless) Allergen-free HEPA Filter (10 years*) ○ Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorising Filter (10 years*) - Allergen-free HEPA Filter + Deodorising Filter (2 years*) - Allergen-free Catechin Deodorising HEPA Filter (2 years*) - Heavy Duty Deodorising Filter (10 years*) - Washable Deodorising Filter (10 years*) ○ Humidifying Filter (10 years*) ○ Humidifying Filter (3 years*) - Humidifying Filter (2 years*) -	Washable Prefilter ○ Allergen-free HEPA Filter (10 years*) - Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorising Filter (10 years*) - Allergen-free HEPA Filter + Deodorising Filter (2 years*) - Allergen-free Catechin Deodorising HEPA Filter (2 years*) ○ Heavy Duty Deodorising Filter (10 years*) - Washable Deodorising Filter (10 years*) - Humidifying Filter (10 years*) - Humidifying Filter (3 years*) ○ Humidifying Filter (2 years*) -	Washable Prefilter ○ Allergen-free HEPA Filter (10 years*) - Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorising Filter (10 years*) ○ Allergen-free HEPA Filter + Deodorising Filter (2 years*) - Allergen-free Catechin Deodorising HEPA Filter (2 years*) - Heavy Duty Deodorising Filter (10 years*) - Washable Deodorising Filter (10 years*) - Humidifying Filter (10 years*) - Humidifying Filter (3 years*) - Humidifying Filter (2 years*) -	Washable Prefilter ○ Allergen-free HEPA Filter (10 years*) - Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorising Filter (10 years*) - Allergen-free HEPA Filter + Deodorising Filter (2 years*) - Allergen-free Catechin Deodorising HEPA Filter (2 years*) ○ Heavy Duty Deodorising Filter (10 years*) - Washable Deodorising Filter (10 years*) - Humidifying Filter (10 years*) - Humidifying Filter (3 years*) - Humidifying Filter (2 years*) -	Washable Prefilter ○ Allergen-free HEPA Filter (10 years*) - Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorising Filter (10 years*) - Allergen-free HEPA Filter + Deodorising Filter (2 years*) - Allergen-free Catechin Deodorising HEPA Filter (2 years*) ○ Heavy Duty Deodorising Filter (10 years*) - Washable Deodorising Filter (10 years*) - Humidifying Filter (10 years*) - Humidifying Filter (3 years*) - Humidifying Filter (2 years*) -	Washable Prefilter ○ Allergen-free HEPA Filter (10 years*) - Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorising Filter (10 years*) - Allergen-free HEPA Filter + Deodorising Filter (2 years*) ○ Allergen-free Catechin Deodorising HEPA Filter (2 years*) - Heavy Duty Deodorising Filter (10 years*) - Washable Deodorising Filter (10 years*) - Humidifying Filter (10 years*) - Humidifying Filter (3 years*) - Humidifying Filter (2 years*) -
Remote Control	-	-	-	○	○	○	○	
Off Timer	○ (4 hours or 2 hours)	○ (4 hours or 2 hours)	○ (4 hours)	○ (4 hours)	○ (4 hours)	○ (4 hours)	○ (2 hours)	
Sensors	Odour, Dust, Humidity, Temperature	Odour, Dust, Humidity, Temperature	Odour, Dust, Humidity, Temperature	Odour, Humidity	Odour, Dust	Odour	Odour	
Power cord (m)	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
Dimensions (HxWxD) (mm)	673x360x291	669x360x254	669x360x254	537x430x242	669x360x254	537x430x242	426x407x133	
Weight (kg)	13.7	12.5	12	8.5	10.5	7	4	

*1 Applicable floor space for operating the unit at max. air flow rate (JEM1467; The Japan Electrical Manufacturers' Association)

*2 Measurement conditions: 20°C, 30% humidity (JEM1426)

*3 In accordance with the JEM 1467 standard. In a test of dust collecting and deodorizing capability with 5 cigarettes smoked per day, the period of time after which air purifying took twice as long as the initial time, and the odour removal rate became half the initial rate.

*4 In a test performed with humidifying operation of 8 hours a day and washing with tap water once a month, the periods of time after which the level of humidification became half the initial level.

*3&4 Since there are theoretical values, under actual conditions of use, replacement may be required after a shorter period of time.

Arçelik Hitachi Home Appliances Sales (Singapore) Pte. Ltd.

Printed Date: 25th May 2023. All models & specifications in content are subjected to change without prior notice. Colour tone of actual products may differ from those shown in this catalogue.