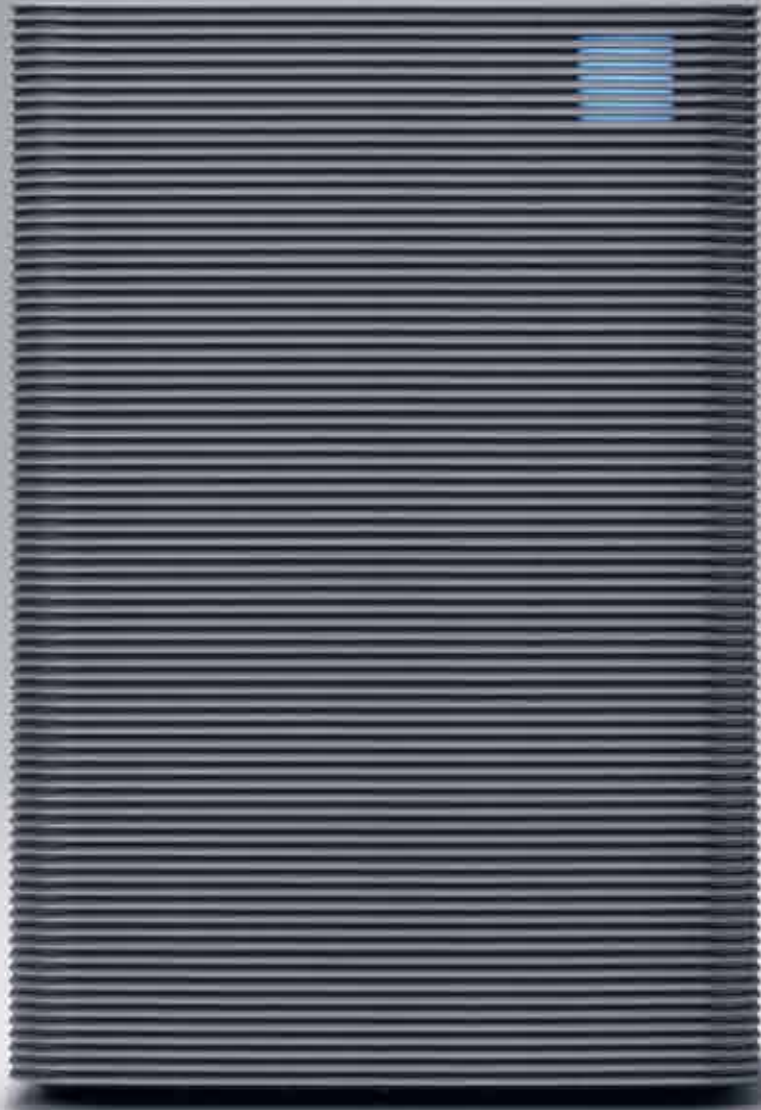


HITACHI



A New Vision of Clean Air

Designed by NAOTO FUKASAWA



NAOTO FUKASAWA

Product designer



Naoto Fukasawa is a Japanese product designer. Fukasawa has collaborated with world leading companies and brands while also working as a consultant for major international manufacturers.

He is the winner of numerous awards, including the 2018 Isamu Noguchi Award. He has published books, the most recent being 'Naoto Fukasawa EMBODIMENT' (PHAIDON).

Since 2012, he has been the Director of Nihon Mingei-kan (The Japan Folk Crafts Museum).

Intuitive, Smart & Minimalist Design

Harmonises naturally in your room and works according to your lifestyle.



Minimalist LED Displays

Provide information about the air quality of your room and settings, and appear whenever necessary.



Monitor Air Quality

The LED colour displays show you the air quality in your room based on 5 different levels, with the LED number monitoring the level of PM2.5 particles and TVOC (Total Volatile Organic Compounds) in your room.



Easy Filter Maintenance

The LED shows the remaining time of each filter life (%) so you know while one^{*1} to replace / maintain^{*1} and when, to help minimise waste. The Pre-Filter is also designed to be taken out easily.



Stylish Auto Louvres

Auto louvres deliver purified air throughout your whole room.



Designed to Fit Perfectly in any Corner

The back design perfectly fits room corners, combining the best air purifying performance with aesthetically-neat room space.



Easy to Manoeuvre

Comes with four-wheel casters, for easy manoeuvring from room to room, adding flexibility to your lifestyle.



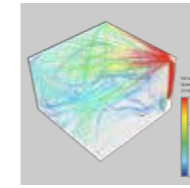
Minimises Operation Sound when You Sleep

Night mode automatically detects lighting situation, and adjusts the brightness of LED display, minimising operation sound level down to 15dB^{*2} during your sleep at night.

^{*1} Replace: Applied to Antimicrobial Allergen-free HEPA and Deodorising Filter. Maintenance: Monthly maintenance for Pre-Filter
^{*2} In accordance with The Japan Electrical Manufacturers' Associations standard (JEM1467).

Powerful, Long Range Air Cleaning Power

Revolutionary air purifying power with Hitachi's original air purification technologies.



Massive Air Volume of 12m³/min

Hitachi unique technology exclusively designed for its air purifier enables extremely high air flow of up to 12m³/min¹ ensuring purified air reaches every corner of the room.



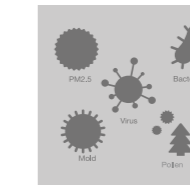
Captures Particles as Small as 0.02µm

The sealed filtration system with Antimicrobial Allergen-free HEPA Filter captures 90% of ultrafine particles as small as 0.02µm³.



Hitachi Powerful Air Delivery Technology of up to 84m² Floor Space

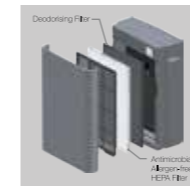
Hitachi original technology with ultra-efficient fan motor and air pathway design enables massive air volume and effective airflow of up to 84m² floor space.



Captures Harmful Particles (PM2.5, Virus, etc.) You Can't See in Air

Captures the harmful particles and unpleasant odours in your room^{4/5/6}.

PM2.5 / Virus / Bacteria / Mould / Pollen / Mite / Formaldehyde / Toluene / Ammonia (Pet odours) / Trimethylamine (Rotten fish odours) / Acetaldehyde (Cigarette odours) / Isovaleraldehyde (Grilled meat) / Acetic acid (Cooking odours) / Isovaleric acid (Body odours) / Hydrogen sulfide (Toilet & drain odours) / Methylmercaptan (Rotten vegetables odours)



High Performance Filtration Technology Captures 99.97%*² Fine Particles

Its Antimicrobial Allergen-free HEPA Filter with silver-based antimicrobial agent captures 99.97%*² of 0.3µm fine particles, and 90% of ultrafine particles as small as 0.02µm³. What's more, the Deodorising Filter with activated carbon helps reduce unpleasant odours in your room⁶.

¹ Applicable floor space / time taken to clean: operating the unit at max air flow rate. In accordance with The Japan Electrical Manufacturers' Associations standard (JEM1467). Performance differs on the model.² HEPA Filter traps 99.97% or more dust containing fine particles of 0.3µm at a rated air flow. Based on performance of a single HEPA Filter complying with the JIS Z 8122. Overall room dust removal performance may differ. ³ Tested by Institute of Energy and Environmental Technology e.V. (IUTA). Test method: According to DIN 71460 / ISO 11155. Test results: Collects 90% fine particles of 0.02µm.⁴ The Allergen-free components of the HEPA Filter for fine dust suppress the activity of cedar, birch & ragweed pollen, dust mite dung & cat dandruff that have been captured. Testing authority: Nichinichi Pharmaceutical Co., Ltd. Test method: ELISA. Suppression method: Application of anti-allergen agent to filter.
⁵ This is the effect on airborne viruses and bacteria after 13 minutes in a 25m³ test space, not the proven effect in a space where the filter is actually used. Effects may differ according to conditions and method of use. Tests performed conform to The Japan Electrical Manufacturers' Association standard (JEM1467). Virus / bacteria suppression effect testing authority: Kitasato Research Center for Environmental Science. Virus test method: Performance evaluation test conforming to The Japan Electrical Manufacturers' Association standard (JEM1467) conducted in a 25m³ test space. Bacteria / mould test method: Performance evaluation test conforming to The Japan Electrical Manufacturers' Association standard (HD-131) conducted in a 25m³ test space. Same test applied for bacterial suppression effect. Test item: 1 type of airborne virus / 1 type of airborne bacteria / 1 type of airborne mould. ⁶ Effective in reducing the odour components of the nitrogen-based, aldehyde-based, acid-based and sulphur-based, which are regarded as four major odours. Nitrogen-based / Aldehyde-based / Acid-based: Tests performed by Hitachi. Sulphur-based: Test performed by: Japan Food Research Laboratories.

Made in Japan



Dark Grey



Light Grey



IUTA Certificate



AHAM

		EP-PF120J	EP-PF90J
Body Colour		Dark Grey, Light Grey	Light Grey
Power Supply		AC220-240V 50-60Hz	
Applicable Floor Space (m ²)		84	65
Mode & Course		Air Purify, Night, Rapid, Auto, ECO	
Air Quality Sensor		PM 2.5 & TVOC (Total Volatile Organic Compounds)	
Inverter Control		○	
ECO Mode Efficiency vs Silent Mode (%)		26	23
Removal Odours		Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet, Formaldehyde, VOCs	
Suppressible Substance		Mould, Bacteria, Viruses, Cedar pollen, Dead house dust mites	
Air Flow (m ³ /min)	Max	12	9
	High	4	4
	Medium	3	3
	Silent	1	1
Power Consumption (W)	Max	75	43
	High	11	11
	Medium	9	9
	Silent	6	6
Sound (dB)	Max	54	50
	High	34	34
	Medium	25	25
	Silent	15	15
Filter Type (Approx. Filter life)		Washable Pre-filter	
		Antimicrobial Allergen-free HEPA Filter (10 years**)	
		Deodorizing Filter (Formaldehyde Removal) (10 years**)	
Off Timer		○ (8 / 6 / 4 / 2 hours)	
Sensors		Odour / VOC, Dust, Illuminance	
Power Code (m)		1.8	
Dimensions (HxWxD) (mm)		657 x 450 x 280	
Weight (kg)		11.5	

**1 In accordance with the JEM1467 standard.