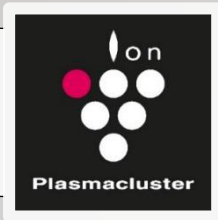


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ECONOMIC RANGE: FU-J30
SIMPLICITY & COMPACTNESS

Coverage
up to

23

meter²





FU-J30: Compactness at its best

Aerodynamic
Air outlets for perfect distribution

Easy-to-use panel



Series of Essential filters



**Powerful motor
and vacuum fan**



HEPA
Filter



Washable pre-
filter

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Model number		FU-J30SA-B
Recommended area	Air purifying	23 m ²
	Humidifying	--
Recommended area for high-density Plasmacluster ions		16 m ²
Humidifying	Humidifying system	--
	Tank capacity	--
	Humidifying capacity	--
Operation modes		Max / Med / Sleep
Special program mode		Sand mode
Voltage/frequency (V, Hz)		220-240, 50/60
Power input (W) (Max / Med / Low)	Without humidifying	50 / 30 / 13
	With humidifying	--
Standby power (W)		0.6
Inverter operation		--
Airflow (Max / Med / Low) (m ³ /hour)	Without humidifying	180 / 120 / 60
	With humidifying	--
Noise level (Max / Med / Low) (dB)	Without humidifying	44 / 36 / 23
	With humidifying	--
Auto restart		Yes
Child lock		--
Timer		Yes (off) 4/8 hours
Filter type	Dust collection	HEPA
	Deodorization	--
	Pre-filter	Yes
	Humidifying	--
Filter life	Dust collection	Up to 2 years
	Deodorizing filter	--
	Humidifying filter	--
Sensor	Odor	--
	Dust	--
	PM2.5	--
	Humidity	--
	Temperature	--
	Light	--
Clean sign indicator		--
Light control button		Yes (on / off)
Power cord length (m)		2m
Dimensions (W x H x D) (mm)		431 x 411 x 211
Net weight (kg)		4

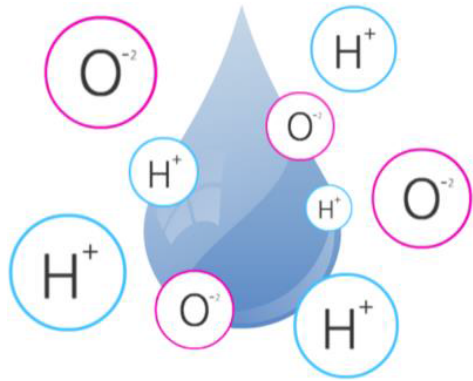


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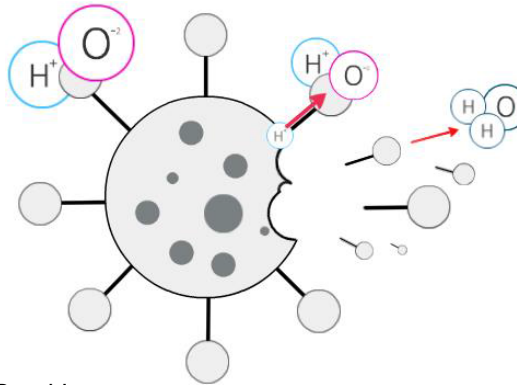
Plasmacluster Air Decontamination Mechanism



Releasing ions

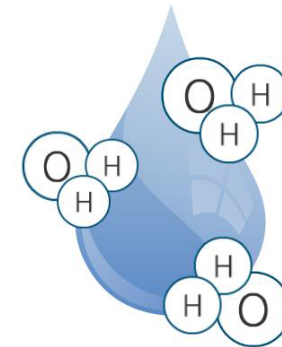
Water vapor molecules normally existing in the air are broken down by **Plasmacluster** ion generator.

A balanced amount of positive and negative **ions** are released.



Breaking the microbe

Ions attach to the outside of the microbe breaking it down and killing the microbe.



Returning to humidity

The **ions** return to the air in the form of water vapor again.

Plasmacluster Tested Around The World



U.K.

Viruses

- Retroscreen Virology

Georgia

Efficacy proven in clinical trials

- National Center of Tuberculosis and Lung Disease

India

Air Pollutants

- Profs of Indian Institute of Technology Delhi

Germany

Fungi

- University of Lübeck
- Dr. Gerhard Artmann, Aachen University of Applied Sciences

Bacteria

- University of Lübeck
- Dr. Gerhard Artmann, Aachen University of Applied Sciences

Working mechanism of inhibitory effects on viruses, fungi, and bacteria

- Dr. Gerhard Artmann, Aachen University of Applied Sciences

Thailand

Bacteria

- Chest Disease Institute

Malaysia

HAZE (Analysis of component)

- University Putra Malaysia

Vietnam

Viruses

- Pasteur Institute of Ho Chi Minh City
- Hanoi College of Technology, Vietnam National University

Indonesia

Viruses

- University of Indonesia

Japan

Efficacy proven in clinical trials

- Graduate School of Medicine, University of Tokyo / Public Health Research Foundation
- Faculty of Science and Engineering, Chuo University / Clinical Research Support Center, University Hospital, University of Tokyo
- Animal Clinical Research Foundation
- Soiken Inc.
- School of Bioscience and Biotechnology, Tokyo University of Technology
- HARG Treatment Center, National Trust Co., Ltd.

Viruses

- Kitasato Research Center of Environmental Sciences
- Kitasato Institute Medical Center Hospital
- Shokukanken Inc.
- National Research Center for the Control and Prevention of Infectious Diseases/Institute of Tropical Medicine, Nagasaki University

Allergens

- Department of Biochemistry and Molecular Pathology, Graduate School of Medicine, Osaka City University
- Graduate School of Advanced Sciences of Matter, Hiroshima University

Fungi

- Shokukanken Inc.
- Ishikawa Health Service Association
- Japan Food Research Laboratories
- Biostir Inc.
- Medical Mycology Research Center, Chiba University

HAZE (Toluene, Pentanone)

- Sumika Chemical Analysis Service
- #### Bacteria
- Ishikawa Health Service Association
 - Kitasato Research Center of Environmental Sciences
 - Kitasato Institute Medical Center Hospital
 - Animal Clinical Research Foundation
 - Japan Food Research Laboratories
 - Shokukanken Inc.

Odors, pet smells

- Boken Quality Evaluation Institute
- #### Skin beautifying effects
- School of Bioscience and Biotechnology, Tokyo University of Technology

Hair beautifying effects

- Saticine Medical Co., Ltd.
- C.T.C Japan, Ltd.

Working mechanism of inhibitory effects on allergens

- Graduate School of Advanced Sciences of Matter, Hiroshima University

Working mechanism of skin moisturizing (water molecule coating) effect

- Research Institute of Electrical Communication, Tohoku University

Stress and Concentration level

- Dentsu Science Jam Inc.

U.S.A.

Bacteria

- Dr. Melvin W. First, Prof. Emeritus, Harvard School of Public Health

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Why Plasmacluster air purifiers are ?

	PLASMACLUSTER AIR PURIFIERS	OTHER IONIZERS AIR PURIFIERS	HEPA FILTERS ONLY AIR PURIFIERS	HUMIDIFIERS ONLY
Efficacy against big dust particles Bigger than 0.3um	Traps the dust particles	Traps the dust particles	Traps the dust particles	NO
Efficacy against airborne bacteria,	Traps & Destroys bacteria, fungi & allergens	Traps & Destroys bacteria, fungi & allergens	Traps them but not destroying	NO
Efficacy against airborne viruses	Destroys the viruses	Destroys the viruses	NO	NO
Efficacy against bad smells	Removes the smell By destroying it	Removes the smell By destroying it	NA	May mask the bad smell with another chemical odor
Humidifying function	Available in certain models	Available in certain models	Available in certain models	Yes
Dependence on vacuum power	Only in Dust collection	Only in Dust collection	Totally dependent	Not Applicable
Safety for long term use	Safe Tested by many facilities	Releases only negative ions that may create Ozone	YES	Chemical odors may trigger respiratory and nasal allergies
Scientifically testing	YES	NO	YES	Not Applicable