

ABC-VW24 Specifications

Model number		ABC-VW24
Suggested room size		Up to 40 m ²
Switch		Auto/Manual (3-step)
Dimensions (W x H x D)		340 x 600 x 180 mm
Weight		7.1 kg
Power consumption (W) 50/60 Hz (With disinfectant electrolytic mist turned off)		High: 50 (45), Mid: 16 (11), Low: 8 (4)
Airflow (m ³ /min) 50/60 Hz		High: 5.1, Mid: 2.8, Low: 1.2
Operating noise (dB) 50/60 Hz		High: 52, Mid: 37, Low: 18
Filters	Pre-filter	Yes (washable)
	Dust-trapping filter	Allergy-blocking, disinfectant HEPA filter
	Deodorizing filter	Nanotech carbon deodorizing filter
	Antimicrobial treatment	Antibacterial agent containing catechin
	Filter lifetime	4 years *9
Recommended to clean air containing these contaminants		Mold spores
		Viruses
		Dust mite feces
		Bacteria
		NOx (from exhaust gas)
		Dust
		Pollen
		Tobacco smoke
		Odors
		Formaldehyde
Pet dust		
Other functions	Disinfectant electrolytic mist	Yes
Inverter		Yes
Sensor		Odors, dust
Air cleanliness indicator		Clean sign
Sensor sensitivity adjustment		Yes
Timer operation		1 hr/2 hr/8 hr

Note: Dust trapping and deodorizing by the air purifying unit

The unit cannot eliminate the toxins (carbon monoxide, etc.) contained in tobacco smoke.

It also cannot completely remove odor-causing substances that are being generated on a constant basis, such as those from building materials, pets, etc.

*1: Test method: Disinfectant electrolytic mist was released into a 1-cubic-meter test chamber containing airborne viruses. The viruses were collected and their infectious capacity was measured by TCID50 assay. Testing organization: Kitasato Institute Medical Center Hospital, Research Center for Medical Environment. *2: Testing method: Disinfectant electrolytic mist was released into a 0.275-cubic-meter test chamber containing pollen particles and the reduction in the number of pollen particles was evaluated by the enzyme antibody method. Testing organization: Osaka Medical College *3: Test method: Disinfectant electrolytic mist was released into a 0.275-cubic-meter test chamber containing dust mite particles, and the reduction in the number of dust mite particles was evaluated by the enzyme antibody method. Testing organization: Kobe University School of Medicine *4: Test method: Disinfectant electrolytic mist was released into a 0.275-cubic-meter test chamber containing dog and cat dandruff allergens, and the reduction in the number of dandruff allergens was evaluated by the enzyme antibody method (ELISA). Testing organization: Oriental Yeast Co., Ltd. *5: Testing method: Mold particles were suspended in an approximately 9-cubic-meter test chamber and disinfectant electrolytic mist was released into the chamber. An air sampler was used to evaluate the number of residual airborne mold particles. Testing organization: Japan Food Research Laboratories. *6: Test method: Disinfectant electrolytic mist was released into a 1-cubic-meter test chamber containing airborne bacteria. An air sampler was used to evaluate the number of residual airborne bacteria. Testing organization: Kitasato Institute Medical Center Hospital, Research Center for Medical Environment. *7: Test method: Three gases with different odors (acetaldehyde, acetic acid, and ammonia) were released into a 0.275-cubic-meter test chamber and then passed through a disinfectant element. The percentage of residual gas was then measured. Testing organization: SANYO Electric. *8: Test method: Four gases with different odors (ammonia, acetic acid, trimethylamine and methyl mercaptan) were released into a 0.275-cubic-meter test chamber and then passed through a disinfectant element. The percentage of residual gas was then measured. Testing organization: SANYO Electric.

*9: Measured using the JEM formaldehyde removal standard test method. Testing organization: SANYO Electric