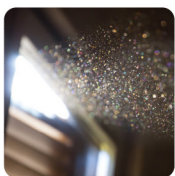


# BioZone<sup>®</sup> Air Purifier AlpineZone Series Cleaner Air Healthier Life



Filters particulate matters



Eliminates airborne and surface microorganisms



Decomposes volatile organic compounds (VOCs) and other organic compounds

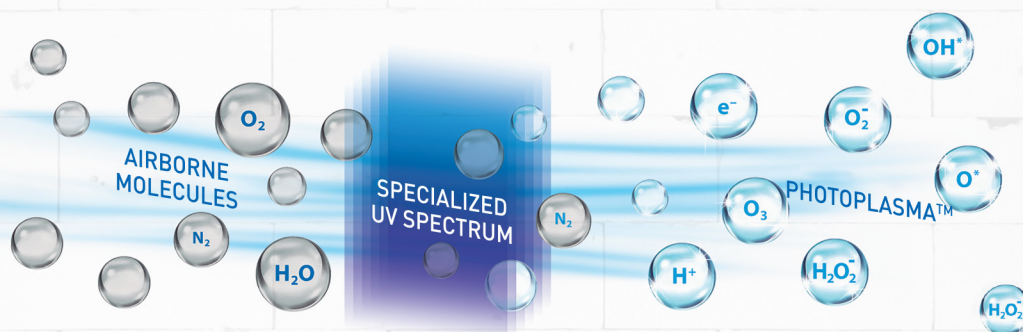


Removes hazardous chemical gases



Reduces unpleasant odours

# BioZone® Air Purification Technology: PhotoPlasma™



PhotoPlasma™ is generated by airborne molecules such as oxygen and water vapour under the exposure of the specialized UV spectrum. It includes reactive oxygen species, free radicals, electrons, etc., which actively capture various air contaminants, and rapidly destroy their structures through a chain of reactions. In this way the contaminants are decomposed and converted into harmless end-products like carbon dioxide and water.

## Classification of Filters

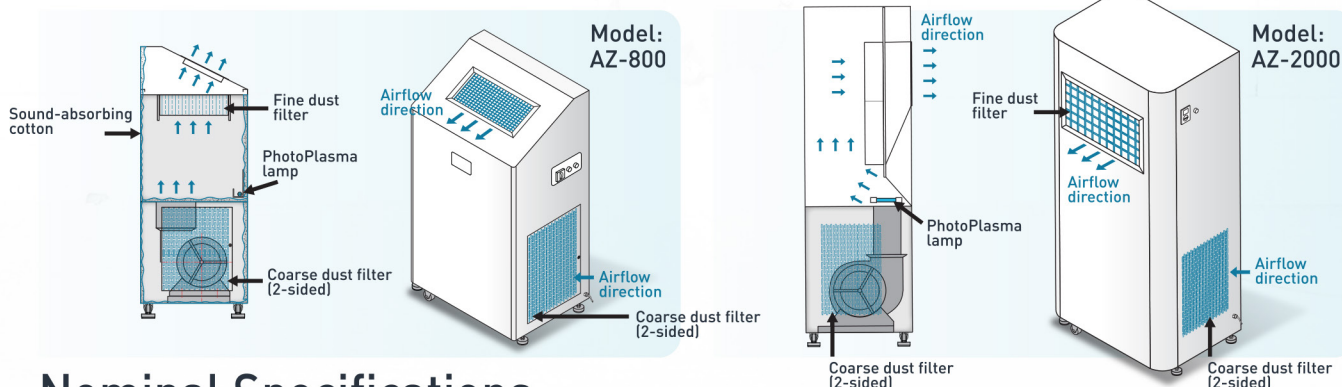
Filtration can filter various size of particulate matter.

Filter Group	Filtration Class*	Target PM Size	Example	Application
Coarse Dust Filter	G1-G4	≥ 10µm	Sand and pollen	As pre-filter
Fine Dust Filter	M5-M6, F7-9	≥ 1µm	Spores and tobacco smoke	For general commercial environment (e.g. offices and department stores)
Micro-particles Filter	E10-E12, H13-H14	≥ 0.01µm	Microorganisms and radioactive suspended particulates	For clean rooms (e.g. food processing plants and laboratories)

\* Samples and tests were taken by third-party accredited laboratories.

## Product Design

AlpineZone Series is designed for contamination sites where particular matter is generated into the air. It is suitable for public areas where construction is being done and required to maintain the air quality around the neighborhood.



## Nominal Specifications

Model:	AZ-800	AZ-2000
Size (W x D x H) mm:	700 x 500 x 1200	800 x 550 x 1750
Weight (kg):	70	96
Power Input:	110-220VAC, 50-60Hz	
Airflow Rate [m <sup>3</sup> /h]:	800	2000
Power Consumption (W):	<150	<300
Casing Material:	Cold Rolled Steel	

Specification and design are subject to change without notice.

