

PZ - N SERIES **Portable** Especially for severe environment



PZ-N1

PZ-N2

PZ-N3

**Heavy duty and
extremely effective**

No refill No filter

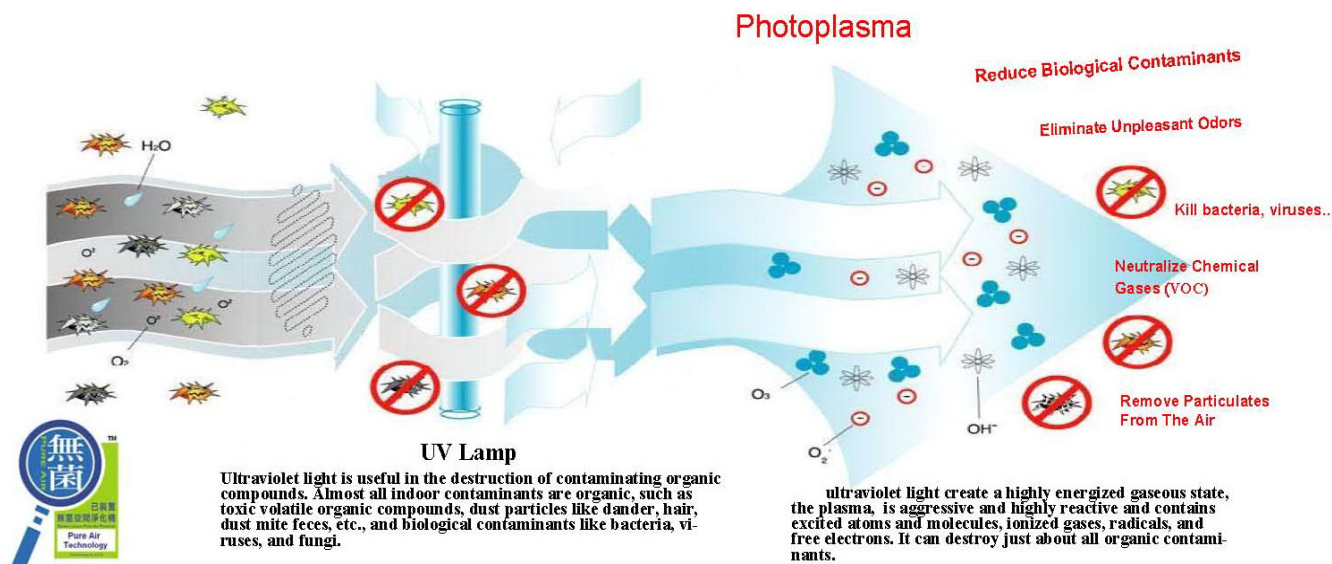
- Remove harmful particulates
- Destroy hazardous fumes
- Neutralize all Unpleasant / Tobacco / Smoke odors
- Clean the air of Biological / Contaminants / Bacteria / Viruses / Mold

Air Purifier



本產品樣版經由香港通用公證行
SGS 測試檢定符合國際環保標準
在指定環境下証明有效殺滅細菌高達 99.7%
(Report No:2000284/IEQ)

效能符合香港特區政府IAQ及SGS GROUP之
國際 IEQ空氣含菌量(TBC)的最佳質素要求。



The key to the success of the unit's purifying methods is the creation of a cold gas plasma, is an excitation of gas by radio frequency energy – in our case, we excite gases by the energy from ultraviolet light waves. The plasma, or highly energized gaseous state, is aggressive and highly reactive and contains excited atoms and molecules, ionized gases, radicals, metastable particles, and free electrons. It can destroy a vast array of indoor contaminants

The contents of our Purifying Plasma include many of the purifying elements previously described, i.e., ozone, oxygen singlets, hydroxyl radicals, and negative ions. When we combine our Purifying Plasma with our ultraviolet light, we can clean the air and surfaces 2000 times quicker than ozone alone and 180 times faster than just ultraviolet light alone.

Specification

	PZ-N1	PZ - N2	PZ -N3
Purification method	Photoplasma / Photochemistry	Photoplasma / Photochemistry	Photoplasma / Photochemistry
Ion Generation	Photoionization of negative ions	Photoionization of negative ions	Photoionization of negative ions
Ozone Output / UV lamp size	Accumulation will not exceed 0.04ppm in min.	Accumulation will not exceed 0.04ppm in min.	Accumulation will not exceed 0.04ppm in min.
UV Output	35-70 $\mu\text{W}/\text{cm}^2$ @ 1 meter / 11" UV lamp	60-80 $\mu\text{W}/\text{cm}^2$ @ 1 meter / 15" UV lamp	90-160 $\mu\text{W}/\text{cm}^2$ @ 1 meter / 15" UV lamp x 2
Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Electrical	Input 12V DC, AC/DC adaptor , 2Amp	Input 12V DC, AC/DC adaptor , Input 3 Amp	Input 12V DC, AC/DC adaptor , 5 Amp
Air flow	8000 CMM	6000—18000 CMM	6000—18000 CMM
Max. Treatment Area	Stated on operation manual (2400 Sq Ft)	Stated on operation manual (2500—8000 Sq Ft)	Stated on operation manual (8000—16000 Sq Ft)
Power Cord type	Power Cord : "B" type, centre pin"++" Electrical components	Power Cord : "B" type, centre pin"++" Electrical components	Power Cord : "B" type, centre pin"++" Electrical components
Size and Weight	500 x 160 x 195mm x H) 3.8 Kg	500 x 160 x 195 MM (L x W x H) 3.9 Kg	500 x 160 x 195 MM (L x W x H) 3.95 Kg