Pure Air Technology

溢昇興業有限公司
Year Development Limited

V-Series
Private Car
Vehicle Use

50-LV
Private Car

100-HV
Other Vehicle

PureAir Purifier

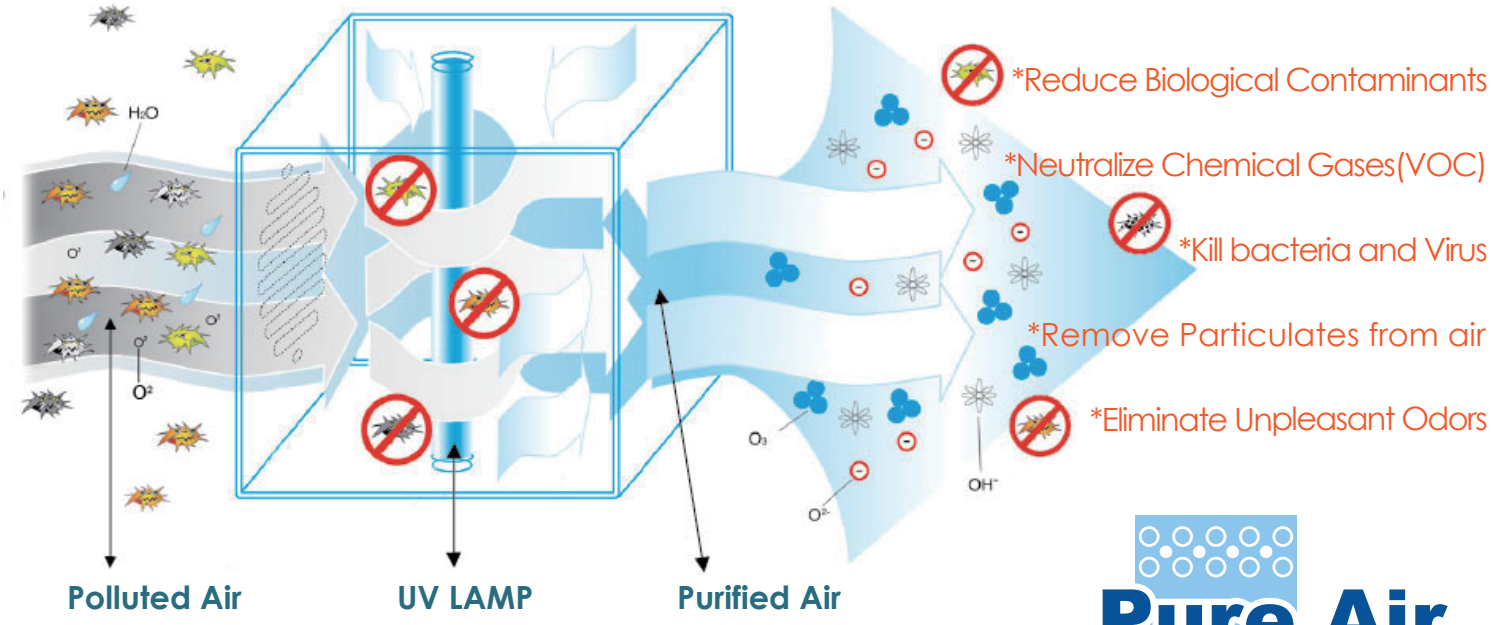
- No Filter Needed
- No Chemical Needed
- Low maintenance cost
- Simple installation

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

無菌 PURE AIR TM
已裝置
無菌空氣淨化機
PURE AIR TECHNOLOGY

Spec. of V-Series

		50-LV	100-HV
Purification Method	:	Photoplasma/Photochemistry	Photoplasma/Photochemistry
Ion Generation	:	Photoionization of negative ions	Photoionization of negative ions
Ozone Output	:	Accumulation will not exceed 0.04ppm in min.	Accumulation will not exceed 0.04ppm in min.
Material	:	Aluminium Alloy	Aluminium Alloy
Electrical	:	Input 12V DC, AC/DC adaptor, 0.8Amp max.	Input 12V DC, AC/DC adaptor, 0.9Amp max.
Power Cord Type	:	"B" type, centre pin"+" Electrical components	"B" type, centre pin"+" Electrical components
Size and Weight	:	W9.9 x L14 x H3.9 cm, 0.4 kg	W9.9 x L24 x H3.9 cm, 0.8 kg



Pure Air Technology

PHOTOPLASMA

光等離子

Ultraviolet light is useful in the destruction of contaminating organic compounds. Almost all indoor contaminants are organic, such as toxic volatile organic compounds, dust particles like dander, hair, dust mite feces, etc., and biological contaminants like bacteria, viruses and fungi.

Ultraviolet light create a highly energized gaseous state, the plasma, is aggressive and highly reactive and contains excited atoms and molecules, ionized gases, radicals, and free electrons. It can destroy just about all organic contaminants.

Working principle

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.

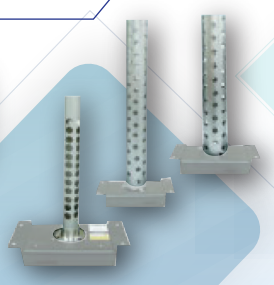
The contents of our Purifying Plasma include many of the purifying elements previously described, i.e., ozone, oxygen singlets, hydroxyl radicals, and negative ions. When we combine our Purifying Plasma with our ultraviolet light, we can clean the air and surfaces 2000 times quicker than ozone alone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

Other Models

P-Series
Meeting Room
Elevator

PR500-Series
PR500s-Series
Public Toilet
Classroom
Multi-Function

SP-Series
Mall
Warehouse
Hotel
Garbage room



ID-Series
Central Air System

CAR-Series
Private Car
Bus