# **Introduction – Polluted Air & Effects**

Look around. What are you breathing? What are you touching? What bacteria, SARS, H1N1, or possibly even a new type of undiscovered virus might you be allowing into your body this very moment? **Our quality of air is becoming worse every day.** Anything from a common cold to a heart attack could have been caused by something we inhaled.

Contaminating our environment are three major factors:

- 1) Micro-organisms (ie. bacteria, viruses, etc.)
- 2) Volatile organic compounds (ie. formaldehyde, benzene, etc.) and odors
- 3) Particulates (ie. dust, pollen, etc.)

Prolonged exposure to these have long been scientifically proven to be harmful to our health, so what can we do?

# 環境問題

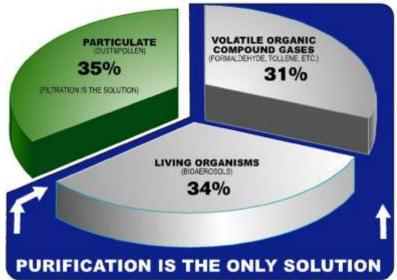
我們四周的空氣質素日益下降,空氣汚染問題愈來愈嚴重。根據科學界研究所得,人體如長期暴露於汚染的空氣中,呼吸系統及免疫力系統將受極大壓力,因而產生健康問題。

我們置身於現代化的大都會,任何地方的空氣均佈滿有害物質,但為了要面對無力改善室外空氣的事實,我們只可以盡量逗留在較為潔淨的室內空間,這亦是市場上對空氣清新機的需求越來越大的原因。

#### 空氣污染的四大源頭

- 1. 微生物 細菌及病毒
- 2. 可揮發性的有機物質、甲醛、苯等
- 3. 懸浮粒子
- 4. 異味、臭味

## The Center for Disease Control Analysis of What Causes Allergies



We offer you a simple solution: The air purifier.

We can not stop every pollution source on the planet, but we can purify the air around us and in our homes to keep ourselves, and our loved ones safe.

如果您有上述的情况出現,則表示您的室內空氣環境需要治理了。

# **BIOZONE Technology**

Why use BIOZONE's air purifiers? What is so efficient about them? Are there any side effects? How does it work? For answers to these questions, the following is a detailed explanation of our technology.

# BIOZONE 技術簡介

這部份是解釋陽光淨化的空氣淨化技術及在淨化器內的重要物理和化學作用。 淨化器發揮 5 種主要淨化功 能,這些功能的強度可因系列產品的不同應用要求而調較。

#### **Integration of 5 Purification Technologies**

- **Photo Plasma**
- **Photo Catalytic Oxidation (PCO)**
- **Deep UV Germicidal Light**
- **Negative Ion**
- Ozone O<sub>3</sub>

For many years these technologies have been marketed separately, each with its own advantages and disadvantages. We have developed a method to integrate all five, allowing them to cover each other's flaws. Such has been accomplished due to the application of what we call "PhotoPlasma".

#### 綜合 5 大技術

- 光等離子
- ❖ 光催化
- 深層紫外光

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