

# Indoor Environmental Education

## The Problem:

When homes and buildings are sealed, contaminants such as bacteria, mold & viruses can build up. In addition, chemicals and fumes from paints, cleaners, glues, carpets, furniture, pesticides, smoke, odors and airborne particles are a continuous danger to human health and life.

## Did you know:

According to the World Health Organization, 40% of all buildings are a serious health hazard due to their polluted air.

- U.S. EPA studies indicate that indoor levels of air pollution may be 2 to 5 times higher than outdoor levels.
- Indoor pollutant levels can reach 100 times that of outdoor levels when we effectively "seal" our homes even tighter from elements during the winter months.
- High levels of indoor air pollutants may be of particular concern because most people spend up to 90% of their time indoors.
- Dangers like MRSA, and other bacteria and viruses are very much a part of our indoor health concerns. They can be found in the air, and on all surfaces. The traditional process of cleaning with chemicals has added to the overall problem, as more chemicals are being breathed in and absorbed through the skin. Passive filters are useless when combating surface contamination.

## The Real Solution:

- Active-Pure Technologies for Indoor Environmental conditioning has the ability to sanitize safely & affordably the entire air and all surfaces of the indoor living areas 24 / 7.

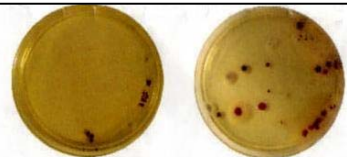
# Petri Dish Directions

**Note:** This convenient kit contains all you need to determine the quality of your indoor environment. Just follow the simple instructions below.

1. Remove the petri dish from the bag and place on a level surface.
2. Pour the entire contents of Easy-gel bottle into the open Petri dish.
3. Leave the dish open for one (1) hour.
4. After (1) hour place the cover on the dish and seal with clear tape. ( DO NOT OPEN UNDER ANY CIRCUMSTANCES )
5. Leave dish to incubate at room temperature in a dark area for one (1) week. (A kitchen cup board )  
You may start to see visuals in 72 to 96 hours.
6. Compare the results to the samples below.
7. Dispose of the used Petri dish responsibly.

### Bacteria

Red or white spots indicate bacteria. The dish on the left shows low growth while the dish on the right shows high bacteria counts.



### Mold

White or gray, fuzzy areas indicate mold growth. The dish on the left shows low growth while the dish on the right shows excessive growth, which could lead to allergic reactions.



Low Growth

High Growth

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