



# AIR PURIFIER USER MANUAL



PAIRPUR20

## Introduction

Air purifying lets you breathe healthy. Living in an urban society, you are exposed to an alarming range of pollutants which cause serious and long-lasting health problems. To safeguard your family's health, an air purifier is essential. Air purifying uses the latest innovative technology to remove 99.9% of particle pollution, giving you clean and safe air.

### Stop Taking Your Family's Health for Granted!

The air pollution problem in our cities and homes has reached an alarming level. Day by day, global warming leads to new, stronger, and more dangerous illnesses. Unclean air can cause respiratory problems, infections, bronchitis, pneumonia and viral infections, as well as irritation to the eyes, nose and throat. Other symptoms can include the reoccurrence of headaches, nausea, allergic reactions and serious long-term ailments. Sadly, the ones who suffer most because of unclean air are children. Respiratory problems in children are on the rise. On average, one out of every 10 school-age children has asthma and each year, 10.5 million school days are missed due to asthmatic related issues.

### Is Your Home Killing You?

Indoor air quality is a growing concern as modern homes are built to be airtight for energy efficiency through better insulation, weather-stripping, upgraded windows, and high-quality exterior doors. Unfortunately, this causes some dangerous side-effects – indoor air quality suffers as the exchange of indoor and outdoor air is limited. Indoor air pollutants get trapped inside and can build up to harmful levels. Thus, it is important to find a way to clean the air to help filter out as many pollutants as possible.

## Indoor Air Pollutants

### Some Common Indoor Air Pollutants and Their Sources:

Dust, fibreglass, asbestos, formaldehyde – from building materials.

Toxic vapours, volatile organic compounds (VOCs) – from workplace cleaners, solvents, pesticides, disinfectants, glues. Gases, vapours, odours – off-gas emissions from furniture, carpets, and paints.

Dust mites – from carpets, fabric, foam chair cushions.

Microbial contaminants, fungi, moulds, bacteria – from damp areas, stagnant water and condensate pans.

Ozone – from photocopiers, electric motors, electrostatic air cleaners.

## Air Pollution and Its Effects

Why Air purifying? Air purifying is a very simple, unique and user-friendly air purifier. It is also the world's first and only device that combines two advanced and highly-effective purification methods: Water Surface Trapping and Nano-Membrane Technology.

### Breathe Healthy

A good quality air purifier removes harmful particulates such as dust, pollen, mould and bacteria from the air you breathe. Thanks to a unique filtration technology, Air purifying provides superior air purification for a healthy and safe environment in your home, office, or any indoor space.

It's time to start paying more attention to the air you breathe in the same way you think about the food you eat. Your family's health is the most valuable thing in the world; make it your top priority.

## System

A high-quality air purifier such as those which pass HEPA (High-Efficiency Particulate Arresting) standards and are used in laboratories, medical facilities and aircraft must filter particles of 0.3 micron in size. Air purifying effectively removes particles as small as 0.1 micron. After purification with Air purifying, air is approximately 99.9% pure.

### Pre-Purification/Water Surface Trapping

The first-stage of purification system consists of the dual principals of water current and vacuum-creation working together. Air coming from the inlet of Air purifying is forced across water surface at a specific angle.

Impurities such as dust, smoke, and other pollutant particles are trapped in water. A fan in Air purifying directs the air flow towards the water surface and also creates a vacuum effect. This stage can trap pollutants up to 10 microns.

## Nano-Membrane

This stage features the most advanced and unique air purification technology. After the air passes through the water surface, it reaches the nanotechnology-enabled organic polymer filter media (ultra-thin substance made up of polyester). This nano-membrane is designed to trap pollutants by mechanical means; its very specific pore size is able to trap all remaining impurities up to 0.1 micron in size. As a result, the air coming from the outlet of Air purifying is around 99.9% pure.

## Benefits

**Air purifying** is efficient; its unique purification technology delivers 99.9% pure air in 2 simple purification steps.

**Air purifying's** nano-membrane is partially biodegradable, making it a more environmentally-friendly device.

**Air purifying** does not use UV light (UV has a proven negative effect on health) and does not emit ozone (also Harmful for health).

**Air purifying** removes any particulate which is bigger than 0.1 micron including: Airborne bacteria such as Acinetobacter, Bacilli, Flavobacterium and Streptomyces; mould spores, human and pet hair; yeast cells; pollen; tobacco smoke, oil smoke and smoke from synthetic materials; coal dust, grain dust, dust mites, atmospheric dust, tea dust, talcum dust, insecticide dusts; burning wood; paint pigments, smouldering or flaming cooking oil, and liquid droplets.

## Essential Oils

Exclusive essential oils have been developed for use with Air purifying. The oils are simply added to the water in the water tank and the healing essential oils' scent is diffused gently throughout the room.