



JADE2.0 & ONYX

Medical Grade UV Air Purifier



Kills and eliminates the germs, viruses, odours, dust and other pollutants that make people sick with a 7 stage sterilization process

On Average, Each Person Consumes This Every Day:



Indoor air is the **least** regulated by governments for health and safety and the **least** cleaned by people. Each person takes 20,000 breathes a day resulting in an intake of 36 lbs of air a day, yet there are only a few people do anything to "clean their air" before they breathe it in.

Additionally, the average person spends **90% of their time breathing indoor air**. So if you are concerned about the food you eat, and the water you drink, then shouldn't you also be concerned about the air you breathe?

EPA "68% of Human Diseases are related to Indoor Air Pollution"

SICK TODAY

SICK TOMORROW

HOSPITAL OPERATING ROOM	WALK-IN CLINIC	GENERAL OFFICE [average day]
< 75,000	< 3,500,000	< 20,000,000
Number of airborne particles		



So What Can You Do To Clean Your Air?

One of the best methods for purifying indoor air is Ultraviolet Light, specifically germicidal UV-C. This approach has been used to purify water and medical equipment for many years. The JADE UV air purifier uses this technology to clean the air in it's 7-stage sterilization process.

7-Stage Sterilization Process

- 1. Permanent Pre-Filter:** Cleanable fine mesh catches the largest particles as the room's air is drawn through the intake chamber
- 2. HEPA-Rx Ultrafine Particulate Filter:** Captures almost 100% particles, dust particles, pollen and allergens down to the 0.0025 micron.
- 3. Activated Carbon Filter:** Removes chemicals and odours (like formaldehyde and smoke).
- 4. Germicidal UV-C+ Bulbs:** Removes viruses, fungus, mold and bacteria.
- 5. Super Oxidizing Photocatalytic Nano-TiO2:** Kills viruses, fungus, mold and bacteria. Also when the germicidal UV-C+ light hits the photocatalytic filter, it creates e- and h+, which are excellent in the decomposition of bacteria and odors.
- 6. Hydroxyl Radical Reactivity Chamber:** Removes viruses, fungus, mold and bacteria.
- 7. Revitalizing Negative ION Chamber:** Re-energizes and freshens air to prevent fatigue.

Benefits:

- **Reduces absenteeism:** Prevents viruses and germs from people who are sick from being spread around the office with 3 stages that are focused on killing viruses and germs.
- **Minimizes facility odours:** It captures and eliminates odours from formaldehyde, smoke, bio-aerosols and nitrous oxide.
- **Increases alertness, productivity & mental energy:** The negative ion generator makes indoor air feel more pure, clean and energized to help combat fatigue.
- **Prevent cross-contamination:** The hand wave control panels make it easy to change the settings without having to touch it.
- **Protects electronic & digital equipment** from harmful dust build up
- **Whisper quiet operation:** It's as quiet as a standard household dishwasher.
- **Easy to install:** Small and light enough for one person to move. Just carry it into place and plug it in.
- **Prevents short cycling:** Polluted air is drawn in through the bottom and clean, pure, re-energized air comes out the top.



Pair up with the wall mounted ONYX air purifier to cover your entire space

JADE2.0: 1,000 sq ft max

ONYX: 700 sq ft max



ONYX

JADE2.0



EMERGENCY SERVICE



PREVENTIVE MAINTENANCE PROGRAM



NATIONAL SERVICE



AUTOMATIC DOOR SERVICE



EQUIPMENT INSTALLATION



ELECTRICAL SERVICES



EQUIPMENT CONSTRUCTION AND DESIGN



ENERGY SAVING SOLUTIONS



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