

GT3000 FEATURES & SPECIFICATIONS

MAIN FEATURES

1. five fan speeds controlled by a variable frequency drive for quiet operation
2. exclusive Photo Catalytic Oxidation technology
3. needlepoint and RF ion generation
4. washable rear filter
5. intelligent maintenance reminders
6. adjustable purifier control - 250 to 3000 square feet
7. Away Mode timer for high purification levels in unoccupied spaces
8. full function remote control
9. low energy consumption
10. universal AC/DC power supply
11. eliminates smoke & odors - doesn't cover them up
12. significantly reduces mold, bacteria, and viruses
13. replaceable PCO Cell and Purification Plate



WARRANTY

~ 1 Year Limited Warranty

SPECIFICATIONS

- ~ Ozone Output: 360 mg/hr (in Away Mode)
- ~ Technologies
 - Needlepoint Ionization
 - RF Pulse Ionization
 - Scalable Ozone Generation
 - PCO Technology (UV-C, Titanium Dioxide)
- ~ Electrical: 100V-240V/50-60Hz 45W - Operational Anywhere in the World
- ~ Ozone Density: <math><0.05\text{mg}/\text{m}^3</math> (high mode), $1.5\text{mg}/\text{m}^3$ (away mode)
- ~ Ion Generation: 1 million/cm³
- ~ Coverage: Up to 3000ft²
- ~ Display: STN LCD

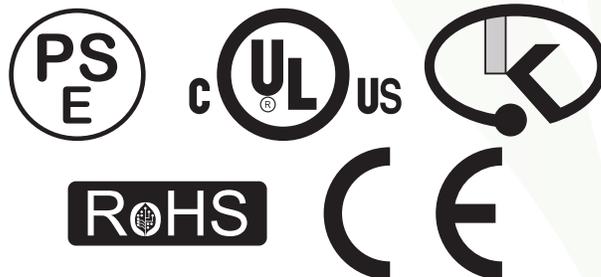


ELECTRICAL CERTIFICATIONS

- ~ UL (US & Canada), CE, PSE, TUV, EK (Korean)
- RoHS Compliant (starting April 15th)

PACKAGING

- ~ Product Box
 - Color Printed Carton
 - Dimensions: 12" x 18" x 15"
295mm x 375mm x 450mm
 - Weight: 12.1 lbs, 5.5 kg





GT3000 Indoor Air Purifier

The GT3000 is THE most technologically advanced and very possibly THE most effective portable indoor air purifier on the market today. The GT3000 is actually much more than an indoor *air* purifier because it *also* destroys bacteria and viruses on *hard surfaces*. In other words, the GT3000 purifies the indoor environment.

The GT3000 can effectively treat an area of up to 3000 square feet depending on room layout and air flow patterns. It operates 24 hours a day and is whisper quite. Multiple technologies are used to destroy airborne *and* surface contaminants and to remove airborne particulate; thereby helping to ensure a much cleaner, safer and healthier home, apartment, office or classroom environment. Noticeable pollution is eliminated in as little as 15 minutes while more difficult to remove contaminants are significantly reduced or entirely eliminated within 24 hours; and on a continuous basis thereafter.

Unlike filter machines and air purifier products that use only one or two technologies, the GT3000 incorporates *five* separate technologies to significantly reduce or entirely eliminate odors, smoke, pollen, dust, dust mites, pet dander, mold, carbon monoxide, bacteria, viruses, volatile organic (chemical) gases (VOCs) and other unhealthy and potentially dangerous indoor contaminants; even those long embedded in walls, ceilings, floors, carpets, furniture, and clothing. The GT3000 also destroys viruses and bacteria on hard surfaces such kitchen and bathroom countertops, faucets, toilets and door knobs; virtually anything you touch (very important). These technologies include: (1) Photo Catalytic Oxidation, (2) Needlepoint Ionization, (3) Pulse Wave Ionization, (4) Scalable (Away Mode) Purification and (5) Electrostatic Filtration.

HOW and WHY These Five Technologies Clean your Indoor Environment

(1) Photo Catalytic Oxidation (PCO):

Highly advanced PCO technology not only destroys biological contaminants as they travel through the PCO cell, but more importantly the GT3000 creates and *distributes* a very powerful, yet environmentally friendly, plasma of PCO oxidizing agents that destroy (oxidize/break down) indoor pollutants *throughout* the indoor environment. This process is called molecular disassociation, which doesn't simply *cover up* the source of pollution; it actually destroys the *molecule* of pollutant. Each of these oxidizing agents has a different degree of effectiveness against various pollutants. This array of powerful oxidizing agents, working in concert, is very effective in significantly reducing or entirely eliminating a wide range of airborne and surface contaminants from indoor environments. All that remains after the breakdown process is complete are environmentally friendly carbon dioxide and water vapor. Similar technology is used by NASA to purify the air and hard surface in the International Space Station. PCO reactors have been proven to reduce dangerous pathogens *by over 99.9%* in 24 hours or less.

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(2) Needlepoint Ionization:

Needle point ionization technology generates a continuous stream of millions of negative ions that circulate throughout the indoor environment. Needle point ions are most effective in “line of sight”. These electrically charged ions attract airborne particles of dust, dander, bacteria and viruses causing them to group or “clump” together. As more and more particles join together, these clumps become heavy enough to drop to the floor, out of the breathing space.

Unlike HEPA filter machines that can only filter out particles measuring 0.5 microns in size or larger; the GT3000 removes particles of *any size (VERY IMPORTANT)*, even ultra-fine nano-sized particles that pose a much greater threat to your health than do the larger particles you can see. This means you inhale FAR FEWER tiny particles significantly reducing exposure to the health hazards of bacteria, virus and mold particulate and risk of lung damage. These larger clumps are also more easily drawn to and “caught” by furnace filters.

(3) Pulse Wave Ionization:

Pulse wave ionization technology generates both negative and positive ions that are effective in removing airborne particulate within a range of 60 feet from the GT3000. The “Pulse Wave”, much like an RF or *Radio Wave*, travels through walls, floors and ceilings and causes ultra-fine particles within the 60 foot radius of the purifier to vibrate. This vibration causes a charge to be induced, which thereby creates charged particles or ions. Regeneration occurs 1600 times per second ensuring that huge numbers of pulse wave ions are continually present and active in the air space. Like needle point ions, pulse wave ions cause airborne particulate to “clump” together until they become heavy enough to drop out the air.

(4) Scalable Purification:

In the GT3000 HIGH and AWAY Mode, the purification plate is activated to generate activated oxygen to assist in the breakdown of biological contaminants that create household odors and in the elimination of mold and other fungal spores. In HIGH Mode, when adjusted to the square footage of the area being treated, the ozone levels produced are below .05 ppm, the safe level as set by the EPA and the level typically found outdoors. The GT3000 AWAY Mode can be set for 2, 4, 6, or 8 hours, depending on the size and contamination severity of the area to be treated. The Away Mode automatically turns off after the set time has expired, returning the GT3000 to its previously settings.

(5) Electrostatic Filtration:

An advanced electrostatic filter helps keep the GT3000 interior clean while at the same time filters out particulate that has “clumped” together. Unlike expensive HEPA filters, the electrostatic filter is washable and can be reused many times.

Please call me or send me an email if you would like to discuss the GT3000 in more detail and if you would like to personally experience how the GT3000 will make your indoor environment a much more environmentally friendly place to be.