

Model LC2000

LIGHT COMMERCIAL AIR PURIFICATION SYSTEMS

The CosaTron light commercial LC2000 is a two piece air filtration/air purification system that provides the option of a low cost high performance filter and filter box (FU2000), or a superior air purification system (LC2000) by combining it with the CosaTron Air Purification system (CAPS2000). It is available as the one-piece base unit or can be combined into the two-piece system (LC2000) at initial installation or at a later date.

Ideal for light commercial applications such as retail spaces, assisted living facilities, multi-family units, and many more, the CosaTron LC2000 provides the owner with two choices. The low cost high efficiency filter is CosaTron's proprietary 2" pleated filter rated at MERV 8 using the mechanical particle capture principle. Its radial pleat design provides the longest life and lowest average pressure drop reducing the number of filter changes so a facility will use less fan power to move air through the filter.

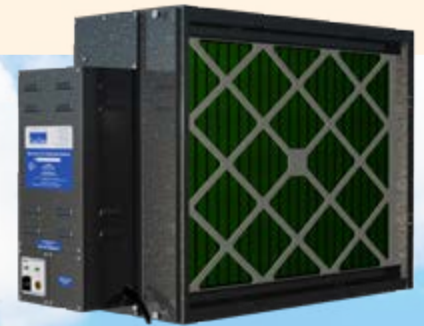
Its 5 Star rating means it will perform in the top 20% of all products, of similar construction in the HVAC industry, and is derived from factors such as; maintained efficiency, energy usage and resistance to air flow.

The additional option of adding CosaTron's patented technology (CAPS2000) dramatically improves the indoor air quality by reducing and controlling all the airborne contaminants. By adding this component to the CosaTron proprietary filter and filter box the combined system becomes the most effective air purification technology available today.

The CosaTron unit (CAPS2000) can be installed with the proprietary filter and filter box (FU2000) together as a single unit (LC2000) or it can be added at a later time even if the FU2000 is already installed.

COSATRON IS THE MOST EFFECTIVE MEANS TO MINIMIZE CONTAMINANTS IN A BUILDING

CosaTron Systems control and reduce particulate levels making buildings safer, more comfortable and as a bonus, CosaTron Systems will reduce energy usage and overall operating costs. CosaTron is a unique, patented high tech means of providing clean air by increasing the size of the particulates in a given space, allowing them to be easily transported by the HVAC system, to the filters to be removed.



There are over 33,000 CosaTron Buildings in 18 countries. The most common applications are:

- Airports
- Animal Facilities/Zoos
- Archives/Museums
- Auditoriums/Arenas
- Casinos/Gaming Facilities
- Churches
- Conference/Convention Centers
- Data/Communication Centers
- Dining/Restaurants
- Firing Ranges
- Food Processing Plants
- Hospitals/Medical Facilities
- Industrial Control Rooms
- Libraries
- Schools and Universities
- Waste Water Treatment Plants



Model LC2000

SPECIFICATION

- ✓ Utilizes patented CosaTron technology.
- ✓ Utilizes 2" proprietary CosaTron filter.
- ✓ Standard voltage is 120/1. Optional voltage: 277/1 & 460/3.
- ✓ 5 year warranty on CosaTron technology.
- ✓ Single point power connection.
- ✓ Bacnet gateway available.
- ✓ Power consumption only 25 watts.
- ✓ ** No ozone**

FEATURES & BENEFITS

For Building Owners:

- ✓ Improves health and comfort of all occupants.
- ✓ Reduces initial capital investment for equipment.
- ✓ Reduces energy consumption.
- ✓ Reduces overall energy costs.
- ✓ Easy to maintain.

Consulting Engineers:

- ✓ Controls the 98% of contaminants that standard HVAC units cannot.
- ✓ Simple to specify.
- ✓ Reduces outside air requirements per ASHRAE 62.
- ✓ Removes over 1000 VOCs.

For Facility Maintenance:

- ✓ Easy to install.
- ✓ Reduces installation expertise.
- ✓ No moving parts.
- ✓ Easy to replace filters.
- ✓ Reliable.
- ✓ Legacy of proven results since 1957.
- ✓ No planned replacement components to stock.

