



IMPERIAL  
SURGICAL®

Captures the smallest, most  
harmful contaminants...

# CLEAN AIR SOLUTIONS

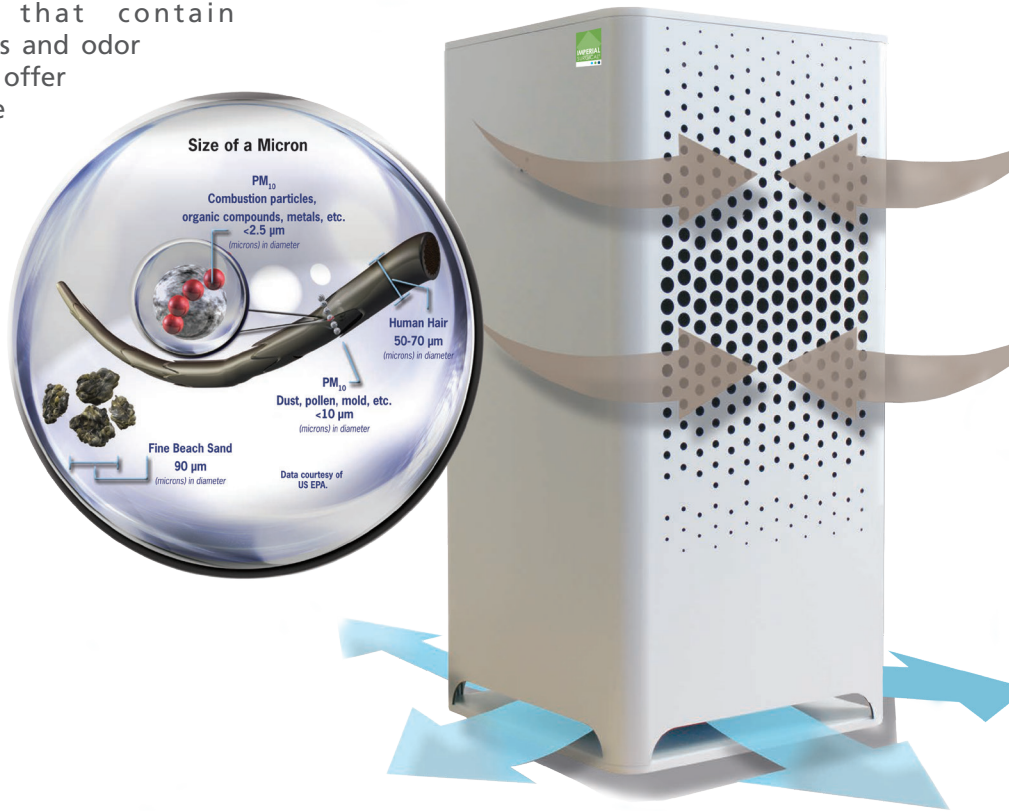
AIR PURIFIERS CITY M & CC500 - HEPA

# CITY M AIR PURIFIER

## REMOVES 99.95% OF ALL PARTICLES, DOWN TO THE SIZE OF 0.3 MICRONS

The IMPERIAL SURGICAL City M Air Purifier removes particulate using cleanroom level HEPA filters and gaseous contaminants removal using Camfil’s exclusive pleated adsorbent media. The City M acts as a stand-alone air cleaner for areas with high levels of contaminants or as a supplement to existing ventilation systems

- Compact in size, 28” tall by 13” wide by 13” deep, its appearance will not detract from room décor.
- Intakes air through cabinets’ perforations on each side of the unit and exhausts purified air in a 360-degree pattern at the base of the unit.
- Includes two filter modules that contain a cleanroom level HEPA filter and a gas and odor adsorber in each module. Camfil filters offer up to twice the life of filters that may be found in other common air cleaners.
- Includes construction components that assure all of the air moving through the unit is purified.
- Includes a quiet, energy efficient fan, capable of moving up to 256 cubic feet of air per minute.
- Example: The air will be changed 2 times per hour in a room of 800 sq. ft.
- Includes an adjustable fan control that allows the user to customize airflow based upon contaminant load or personal preference. The controller includes six fan settings from 22 cfm to 256 cfm.
- Plugs into any standard 120-volt three prong electric outlet and uses less than 55 watts at full airflow output.
- Is lightweight, less than 38 pounds, to allow portability from room to room.



The HEPA filters used in the IMPERIAL SURGICAL CITY M are so efficient that air would have to pass through an average ventilation system three times to achieve the same level of purification. Filters only need changing every 12-18 months.

## ELECTRICAL DATA

ITEM	CITY M AIR
OPERATING VOLTAGE	110-120 Volts
FREQUENCY	50/60 Hz
MOTOR SPEED	3200 RPM (max)
POWER	55 Watts (max)

# CC 500 PURIFIER

## REMOVES 99.99% OF ALL PARTICLES

The IMPERIAL SURGICAL CC500 can direct up to 500 cubic feet of air per minute through a 99.99% true HEPA filter as an in-room recirculation air purifier. Designed for use in high traffic environments.

- Comes stock with a 99.99% true HEPA 12"x12"x11.5" filter tested under IEST-RP-CC-007 and IEST-RP-CC-034 "clean room level"
- Includes a 12"x12"x2" Imperial Surgical 30/30 Dual 9 as prefilter to extend HEPA service life (12-18 months). This 30/30 panel filter comes fully guaranteed to last twice as long as any other MERV 8 panel filter. Since its development in 1963, this uniquely designed product has been providing sustainable advantages in energy savings, reduced waste, and reduced carbon footprint. No other MERV 8 panel filter can perform like the 30/30.
- Easy access filter replacement
- Air changes 2 times per hour in a 1600 sq. ft. room
- Bottom air intake with purified air exhausted through slotted vent cap
- Cabinet dimensions: 34" tall x 12.5" wide by 14" deep; cabinet with casters and outlet plenum: 40" tall
- The hospital-grade cord set plugs into any standard 120-volt three-prong electrical outlet and draws maximum
- 2.5 amps while running, 3.5 amps at startup
- Weighs 50 lbs including filters
- Available with smooth rolling casters

INCLUDES BOTH HEPA FILTER AND MOLECULAR FILTER TO CONTROL OTHER GASEOUS CONTAMINANTS



## COMBAT INFECTIONS IN THE AIR

HEPA Filters can remove the smallest microbes in the air, reducing harmful airborne germs that not only include cold and flu viruses but also dust, pollen, mold spores, pet dander and smoke particles.

### ELECTRICAL DATA

ITEM	CC500
OPERATING VOLTAGE	120 Volts
FREQUENCY	50/60 Hz
MOTOR SPEED	2900 RPM (max)
POWER	250 Watts (max)



## FROM THE COMPANY THAT SUPPLIED FILTERS FOR NASA

A research team has determined 800 million viruses per square meter land on the earth's surface every day. The vast majority have no effect on human health and many are essential for survival. Recently, a variation of a virus type known as corona has been identified as SARS-CoV-2.

The centers for Disease Control (CDC) has determined the virus primarily spreads from person-to-person in close contact with one another or through respiratory droplets produced when an infected person coughs or sneezes. The droplets may come into contact with eyes, nose or mouth or be inhaled by a healthy person nearby. A healthy person can also become infected by touching a surface where the expelled droplets recently settle and then proceeding to touch their eyes, nose or mouth.

The virus itself is very small, 0.02 microns, and is contained within these respiratory droplets. Studies indicate droplets typically expelled by those suffering from respiratory infections range from visible droplets we are all able to see, to those too small for our eyes. The invisible droplets range from 0.5 micron to a high of approximately 15 microns with most in the lower size ranges. Studies of other common viruses suggest droplets of 1.0 micron are capable of carrying enough virus to cause infections.

### *Filters are sourced from the largest global manufacturer of air filtration systems*

EACH INDIVIDUAL CAMFIL HEPA FILTER IS SCAN-TESTED TO MEET RATED EFFICIENCY.

EACH FILTER HAS A CORRESPONDING CERTIFICATE OF CONFORMITY THAT TRACES HEPA BACK TO ITS TEST.



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