

# INFECTION CONTROL UNIT

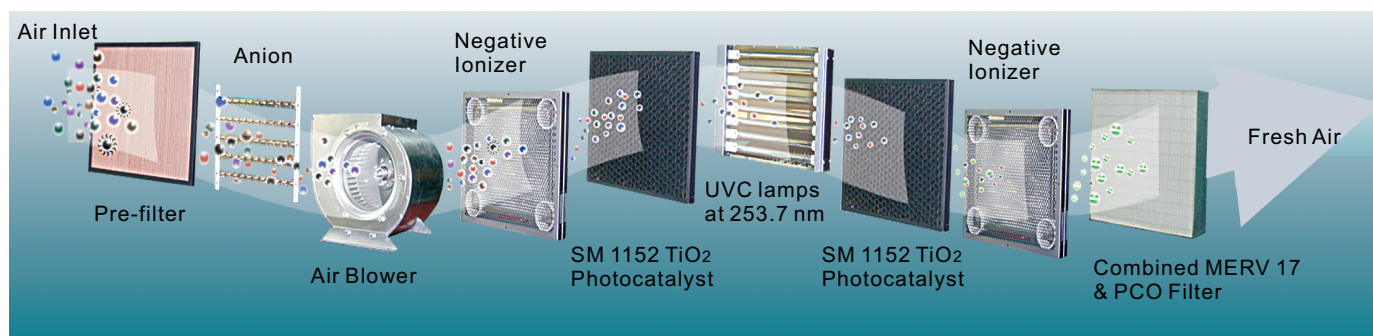


- Model: ICU 200
- Power: AC220-230V,50Hz
- Negative ion:  $1.2 \times 10^6$  ions/cm<sup>3</sup>
- Filters: Prepositive Filter Screen + HEPA MERV 17 + Titanium Dioxide TiO<sub>2</sub> Photo Catalyst (6 units of filters)
- LCD full screen display
- Static Plasma Electric field intensity: 6800V/m, 3-stage electrostatic field
- Anti-bacteria rate:  $\geq 90\%$
- Purification rate:  $\geq 80\%$
- Airflow rate:  $\geq 600\text{m}^3/\text{H}$
- Noise:  $\leq 50\text{dB}$
- Purification lifetime:  $\geq 10,000$  hours
- Effective sterilizing time: 60 minutes
- Efficient area: 40-50 m<sup>2</sup>
- Product dimensions: 480 x 350 x 955 mm
- UV intensity: 24,000  $\mu\text{w}/\text{cm}^2 \times 2$  units UVC lamps in the 253.7nm wavelength
- Bulb lifespan: 12,000 operational hours
- Failure indication is displayed one by one
- Remote control or manual

## Features

- Absolute dynamic sterilizing/cleaning equipment, used to disinfect continuously and dynamically (even in the presence of people) with no side effects.
- Patent technology of combined electrostatic field for effective sterilization and dust removal. Convenient to clean and maintain.
- Physical degradation materials for high efficiency filtration and absorption; functions as dust, bacteria and peculiar smell remover.
- High efficiency anion generating device – air is fresh and demic metabolism is improved.
- The unit has a special purification fan with large air flow rate and low noise; the circulation air volume is more than 600 m<sup>3</sup>/H
- The unit comes with more than two bactericidal factors together with germicidal agent, automatic failure detector and warning function.
- Comes with indicator to promptly highlight the life span of the UVC lamps and filters cleaning/replacement.
- Three working modes: automatic, timer and manual.

## Purification-sterilizing principle



## Disinfection test result from the test center of the academy of Military Medical Sciences

- 1) After 30 minutes of sterilization, the kill ratio of staphylococcus albus in the air is more than 99.92%.
- 2) After 60 minutes of sterilization, the kill ratio of the natural bacteria in the air is more than 91.97%.

## Benefits:

- Effective in the prevention of Tuberculosis, MRSA, H<sub>1</sub>N<sub>1</sub> and other airborne cross contamination.
- Kills harmful bacteria in closed premises.
- Eliminates odours and neutralizes the air.
- Keeps sinus problems at bay.
- Reduces asthmatic effects.
- Used in hospitals, clinics, offices, schools etc.
- Eliminates 99.9% of bacteria, yeast, mold and fungus found in hospitals, food manufacturing plants and offices.

### Contact details