



Material: Entire unit is made of fully cold-rolled steel sheet with baked enamel surface finish.

Fan: Soma Medical motor + metal impeller.

Filtration: Aluminum-frame separatorless HEPA filter ; efficiency: Class 100 @ 0.3 μm 99.995% (H13).

Formaldehyde/VOC Control: Honeycomb granular activated carbon filter effectively removes formaldehyde, benzene and various VOCs and other harmful substances.

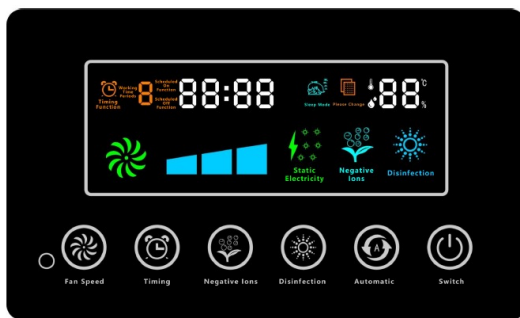
Control / Functions: Touch 3-speed airflow control switch + UV germicidal lamp timer + negative ion output.

Sterilization: Equipped with UV germicidal lamp (recommended single sterilization cycle 5 minutes).

Air Velocity: 0.45 – 0.75 m/s \pm 5% (three adjustable speeds).

Noise: 23 – 38 dB \pm 3 dB (static test, 1 m in front of the HEPA filter).

Electrical: Rated power 65 – 95 W; power supply 220 V 50 Hz; with leakage protection switch (trips within 0.1 s on leakage).



Model SM888

Medical Germicidal
Air Sterilization System

Features

- H13 HEPA 99.995% filtration
- UV, ions purification
- Quiet 3-speed airflow
- Steel build, leak protection

HEPA Filter

Aluminum-frame separatorless H13 HEPA delivers Class 100 cleanliness with 99.995% efficiency at 0.3 μm , capturing ultra-fine particulates.

Airflow & Control System

Touch panel provides 3-speed airflow selection, UV lamp timing, and negative ion output for enhanced purification flexibility.

UV Germicidal Lamp

Integrated UV sterilization rapidly reduces microbial load (recommended single cycle 5 minutes for effective bacteria inactivation).

Airflow Performance

Adjustable air velocity range 0.45 – 0.75 m/s \pm 5% across three controlled speed settings.

Low Noise Operation

Operates at 23 – 38 dB \pm 3 dB (static measurement taken 1 m in front of the HEPA filter) for quiet use.

Electrical Safety & Power

Rated 65 – 95 W on 220 V / 50 Hz supply with fast-response leakage protection (trips within 0.1 s).