GENERAL OFFICE



Surgically Clean Air's JADE Air Purifier (SCA5000C) is one of the World's Most Advanced Standalone Medical Grade Air Purifiers.





surgicallycleanair.com

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Dimensions: Weight: Sound Level: Low: <30dB (A) | High: <55dB (A) **Technologies:** Pre-Filter Yes Ultrafine Particulate Filter (HEPA-Rx) Yes Activate Carbon Filter Yes Germicidal UV-C+ Bulbs Yes Hydroxyl Radical Reactivity Chamber Yes (Permanent) **Revitalizing Chamber** Yes (Permanent) Auto Function: Yes Air Quality Sensors: Yes

Control Panel:

Specifications:

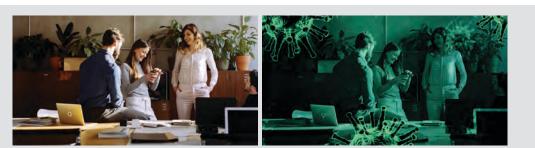
(D) 12 in x (H) 33.5 in (D) 30.5cm x (H) 85cm 30.6lbs | 13.9kgs

Hand Wave Sensor



Surgically Clean Air's JADE Air Purifier can remove almost of Air Pollutants, Viruses, Bacteria & Fungus 100% of Air Pollutaints, virasco, sactaria present in indoor air. (Performance Guide Available)

MONITORS **AIR QUALITY IN REAL TIME.**



WHAT YOU SEE

WHAT YOU BREATHE

THE STAGES OF AIR PURIFICATION

PRE-FILTER STAGE

The pre-filter stage catches the largest particles as room air is drawn through the intake chamber.

PROPRIETARY HEPA-Rx FILTER

The HEPA-Rx filter captures almost 100% of the ultrafine particulates down to 0.0025 microns in size.

ACTIVATED CARBON FILTER

The activated carbon filter absorbs VOCs (Volatile Organic Compounds) - noxious odours, chemicals and gases.

GERMICIDAL UV-C+

The high intensity Germicidal UV-C+ ruptures the DNA of viruses and bacteria, effectively destroying them.

TiO2 CATALYST

The Titanium Dioxide Catalyst adds more energy to the intensity of the Germicidal UV-C+ light. Electrons are then released at the catalyst surface. These electrons interact with water molecules and create Hydroxyl Radicals. This stage is sometimes referred to as photocatalytic oxidation.

HYDROXYL RADICALS

Hydroxyl Radicals are released into the air and further attack pollutant molecules, breaking apart their chemical bonds rendering them harmless. It's like 'hand sanitizer for the air'.

REVITALIZING NEGATIVE ION CHAMBER

Before the pure, clean air is circulated back into the room, the air is revitalized with negative ions.

Studies have shown that Negative ions increase the flow of oxygen to the brain; resulting in higher alertness, decreased drowsiness and more mental energy.

SALES

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