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cleanAir

JADE™ Air Purifier



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Clean air, pure and simple.

Brought to you by a-dec

A day where you can treat your patients without thinking about your environment—whether it's your delivery system, mechanical room or the very air you breathe—that's peace of mind. And that's why A-dec® and Surgically Clean Air® are partnering to bring you the JADE Air Purifier.

With six stages of filtration technology, JADE is one of the world's most advanced stand-alone air purifiers. Now, knowing there's another level of reassurance in every operatory, your patients and staff can breathe a bit easier.

SURGICALLY CLEAN AIR®™

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Calm outside.
Fierce inside.



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GENERATE CLEAN AIR? CHECK.

JADE Air Purifiers quietly and efficiency move large volumes of air, minus the air drag. With HEPA-Rx™ filters that were independently tested to remove 99.998% of particles at .01 microns and 99.2% at 0.0025 microns, JADE filters pollutants, viruses, bacteria and fungus from the air. No wonder it's becoming the clear choice for dental schools and clinics.



SURGICALLY CLEAN AIR'S JADE AIR PURIFIER:

- Monitors and displays air quality and particulate levels in real time.
- Prevents potential cross-contamination with touchless controls.
- Removes up to 99.998% of viruses, toxins, pollutants and airborne pathogens.
- Re-energizes air using ionic technology.
- Minimizes facility odors using activated carbon filter.



ROBUST TECHNOLOGY
Multiple distinct stages filter, clean and re-energize indoor air.



LARGE CAPACITY AIRFLOW
Cleans and purifies up to 2,000 cubic feet, with six air changes per hour.



ULTRA QUIET
Sound-dampening design keeps decibel levels softer than normal conversation.



LOW OPERATING COST
Low energy usage makes JADE an affordable air purifying solution.

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JADE DOESN'T JUST FILTER POLLUTANTS, IT DEACTIVATES THEM.

THE SIX STAGES OF FILTRATION

CAPTURE

1 PRE-FILTER
Catches the largest particles as room air is drawn through the intake chamber.

2 HEPA-Rx FILTER
Captures 99.998% of the ultrafine particulates down to 0.1 microns (the typical size of a virus).

DEACTIVATE

3 ACTIVATED CARBON FILTER
Absorbs Volatile Organic Compounds (VOCs), noxious odors, chemicals and gases.

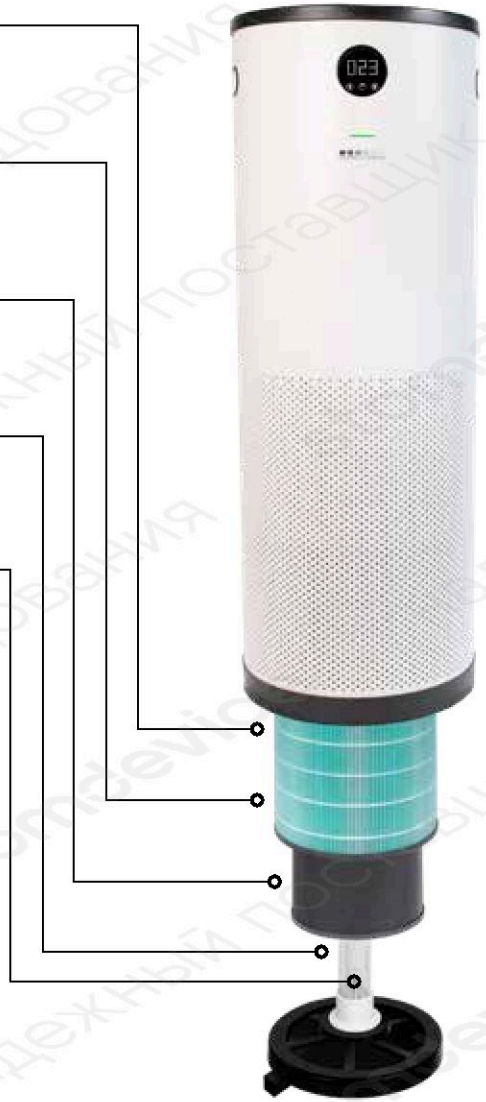
4 GERMICIDAL UV-C+ BULB
The germicidal UV-C+ bulb works with the TiO_2 Catalyst to rupture the DNA of viruses and bacteria.

5 TiO_2 CATALYST
The Titanium Dioxide Catalyst works with the germicidal UV-C+ light to release the electrons at the catalyst surface. These electrons interact with water molecules and create hydroxyl radicals, which further attack pollutants, breaking apart their chemical bonds.

RE-ENERGIZE

6 REVITALIZING NEGATIVE ION CHAMBER
Before the pure, clean air is circulated back into the room, it 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.*

* "Treating Depression with Atypical Symptoms Using Negative Air Ions at High Density," Michael Terman, PhD, Columbia University, New York.

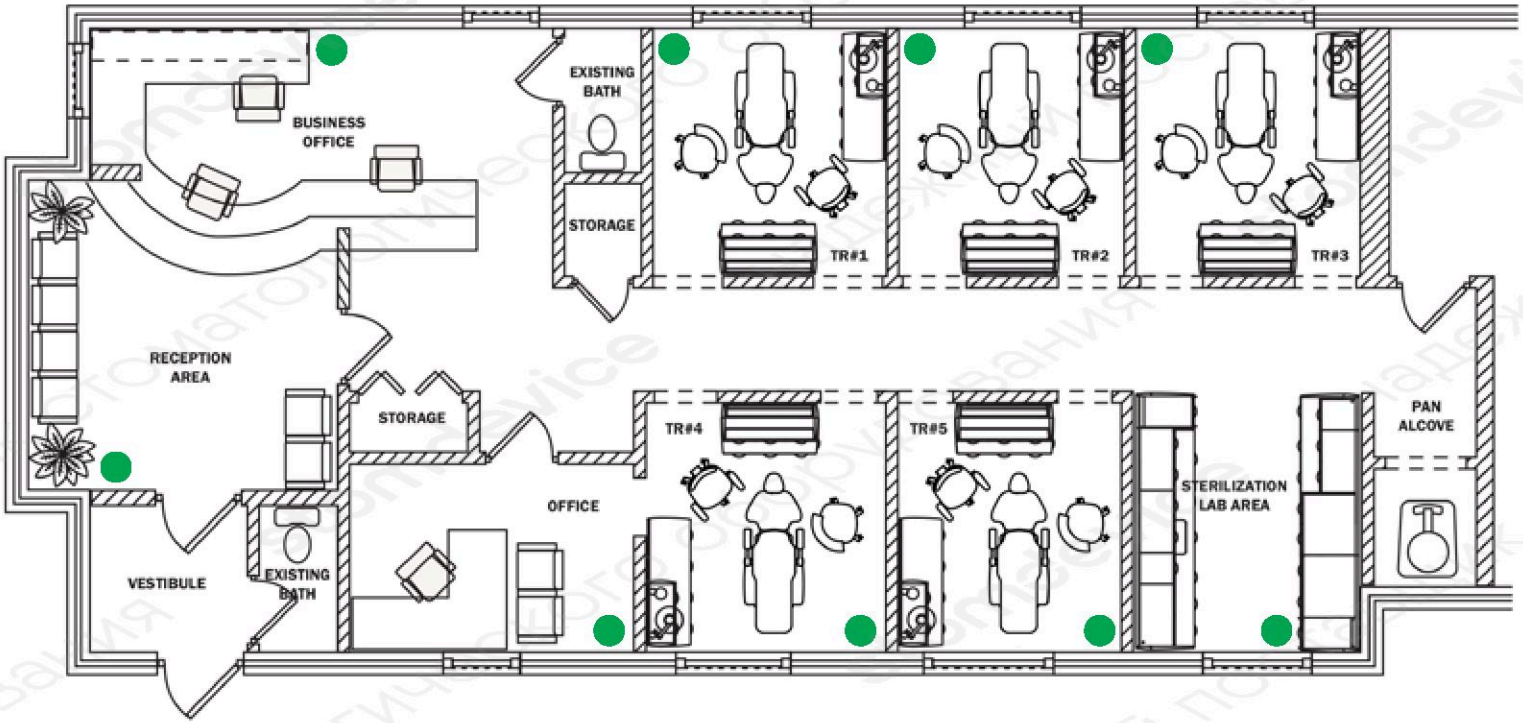


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THE SMALL PURIFIER WITH A BIG JOB.

Bioaerosols, microbes, and pathogens... they're all serious safety concerns in the dental environment. The most practical and convenient solution is a stand-alone air filter system that cleans by constantly drawing out polluted indoor air and exhausting clean filtered air into the room. This is where JADE comes in. Small enough to tuck into every operatory, sterilization center, staff and waiting room, JADE Air Purifiers play a role in significantly reducing transmittable bioaerosols and unpleasant odors.





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EASY TO USE. EASY TO MAINTAIN.

Product	Size (HxD)	Weight	Sound	Air Flow (CFM)	A-dec Part Number
JADE Air Purifier - White	33.5" x 12"	30.6 lbs.	Low: <40 dB(A) Medium: 43 dB(A) High: 48 dB(A) Turbo: 55 dB(A)	Low: 153 Medium: 230 High: 312 Turbo: 406	54.0789.00
JADE Air Purifier - Black					54.0789.01

Comes with 1x HEPA-Rx filter, 1x activated carbon filter and 1x UV-C+ bulb

Replacement Parts		A-dec Part Number
HEPA-Rx filter	*Purchasing replacements from your authorized A-dec dealer will ensure that you continue using ultrafine particulate HEPA filters that perform to H13-H14 standards, and UV-C+ bulbs that are 'zero ozone emission products' which emit ozone less than 0.005 ppm (5 ppb).*	90.1798.00
Activated carbon filter		90.1800.00
UV-C+ bulb		90.1802.00



HEPA-Rx filter



Activated carbon filter



UV-C+ bulb

Need to order JADE replacement filters or bulbs? Contact your authorized A-dec dealer.

Your JADE Air Purifier is easy to set up and easy to use. Scan the code to get started:

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ONE MORE REASON FOR PATIENTS TO CHOOSE YOUR PRACTICE.

"We are very happy with the JADE Air Purifier. They are very user friendly, sleek and powerful — and patients notice them as new fixtures in the operatories, recognizing that they are there as an added safety measure for enhanced infection control."

Dr. Jonathon Pawliuk, Thunder Bay, Ontario

For more information visit a-dec.com/cleanair.



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JADE Air Purifier is not available in all countries. Check with your authorized A-dec dealer for availability. The colors and products shown may vary from the actual materials and are subject to change without notice. Please see your authorized A-dec dealer for accurate color samples and the most current product information.

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