

ROCKERT DENTAL STUDIO



THE DENTAL LAB IS CLEAN AND FRESH!

CLEAN AIR, CLEANER FACILITY

CUSTOMER:

Rockert Dental Studio

PROJECT:

Dental Laboratory
Air Purification

LOCATION:

Wheaton, Illinois

TARGET AUDIENCE:

Dental Laboratory

“ To offer a clean air working environment for technicians is an additive that no other lab is doing. ”

Tad Friess Owner



The challenge:

The work in dental labs including porcelain rooms, model and die rooms, and CAD/CAM design rooms generate fine dust particles which can be unhealthy to employees and impact sensitive equipment. While suction portals help remove larger particulate matter, there is still a significant volume of finer, inhalable particles that remain airborne for up to 41 hours.*

- » Particulates are the most common contaminants found in a dental lab. Prolonged exposure to fine and ultra-fine dust particles created by grinding, polishing and sandblasting can cause serious health problems. A good air purifier should therefore be an essential in this environment.
- » Technicians are exposed to 8+ hours of dust particles
- » Ventilation and suction ports work well for larger particulate matter, but remaining finer particles of aluminum oxide, gypsum, and even metallic particles remain airborne and continue to impact personnel and equipment.

The solution

Multiple AeraMax® Professional Air Purifiers with PureView™ technology were installed in the lab. This powerful air treatment unit is equipped with EnviroSmart™ technology, intelligent sensors that continuously monitor the occupancy and condition of the room. The sensors detect sound, movement and particles then automatically switches the machine to its optimal setting. When the air is clean again the unit turns to standby mode to save energy and extend filter life.

AERA MAX®
PROFESSIONAL

AeraMax® Professional cleans the air in four steps. The pre-filter removes larger particles including dust. The activated carbon filter eliminates unpleasant medicinal odors from the lab. The HEPA filter captures the smallest particulate matter (99.97% down to 0.3 microns). A plasma ionizer then electrically charges the last particles to enhance filtration.

AeraMax® Professional air purifiers are designed for installation in areas with a high concentration of pollution. A commercial design, superior components and highly efficient filters combine to give a durable and reliable performance. The result is noticeably clean air and cleaner work spaces and equipment.

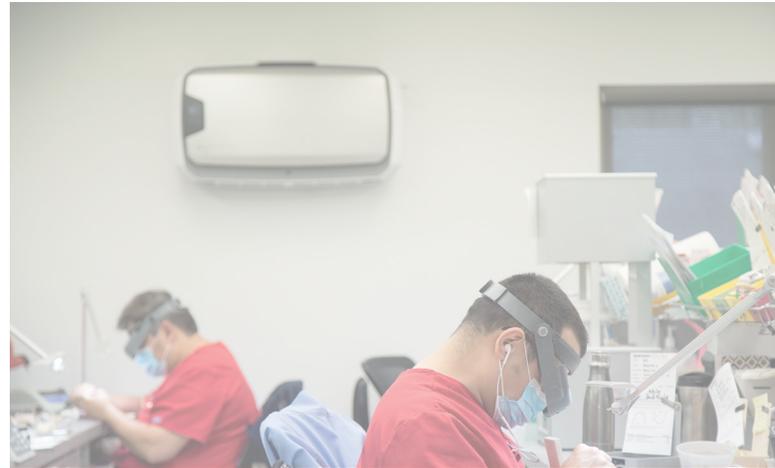
The results

Rockert has reduced cleaning crew time, reduced time by lab technicians cleaning their own workspaces, and have noticed overall, a reduction in the appearance of dust in the facility.

Initial filter analysis indicates that based on Rockert Dental using 6 AeraMax® machines in total, over a 12-month period, up to 6.5 lbs. of airborne particulates were captured by AeraMax® systems.

The view of Rocket Dental Studio

Technicians and assistants noticed the difference AeraMax® PRO had on the lab area. Airborne contamination such as floating particles from grinding were efficiently filtered out of the room. The heavy dust created daily in the dental lab was removed, quickly and quietly making it more enjoyable to work in the lab. AeraMax® PRO is an absolute must for anyone who appreciates a clean and healthy environment.



PureView™

Our new units offer visual display screens, so you know what's happening, when it's happening. You can get a measure of particles going into the PureView™, as well as the lack of particles coming out.

READY FOR CLEANER AIR IN YOUR FACILITIES?

Find out how AeraMax Professional can help today! aeramaxpro.com

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