



3 YEARS EXP

A-dec has the technology and sleek design I was looking for.

Emily Svetanoff, DMD Valparaiso, IN



16 YEARS EXP

The suction unit is powerful and quiet, which is all you could ask for in this piece of equipment.

Mike Micallef, DDS Glendale, WI



9 YEARS EXP

The compressor is small and compact, so it saves space.

Dustin McCammon, DMD Trophy Club, TX

A-DEC

# Mechanical Room

4.4



A-dec's oil-free air compressors and dry vacuum systems combine reliable performance and simple maintenance with an ultra-small footprint and whisper-quiet operation

When building a 10,000-square-foot new office, Dr. Kate Ratliff had no shortage of decisions to make, especially since this was a large upgrade from her previous dental practice. She carefully researched air compressors and dry vacuum systems—which are arguably the mechanical heart and lungs of a practice—to ensure this equipment could keep up with her 12 operatories. In her search, Dr. Ratliff discovered A-dec's leading-edge smart technology and innovative design, which provide dental practices with next-generation oil-free compressors and dry vacuums that are so powerful, quiet, and efficient that patients won't see or hear them, and practices won't need to think about them.

Delighted that A-dec's compressor and vacuum had the capacity, efficiency, and quality to run her large practice, Dr. Ratliff found them to be perfect for her needs. She appreciates the "set it and forget it" reliability of her A-dec equipment and said, "I've never had any challenges running 12 operatories at once."

### Small Footprint & Quiet Operation

While the ideal mechanical room is out of sight, out of mind, and out of earshot, the equipment within that room should quietly provide top-notch performance, have a small footprint, and be easy to install and maintain with the option to upgrade in the future. With 5 compressor models and 4 dry vacuum models, A-dec has a mechanical room solution for virtually any size dental practice. Space-saving designs and ultra-quiet operation give practices the freedom to choose an office layout. The compact, modular compressors are smaller than other brands, according to A-dec, and the vacuums have a small footprint that allows equipment to be stacked to save space.

As a big fan of A-dec equipment, dental assistant and technician Katja Krull appreciates the compressor and vacuum's "small footprint with a big output,"

explaining that "our mechanical room has a small footprint, so we were happy that the equipment did not take up too much space." Hoping for "technologically advanced equipment with a sleek design," Dr. Emily Sventenoff said, "A-dec has the technology and sleek design I was looking for." Dr. Dustin McCammon described his equipment as "definitely quieter than other compressors," and Dr. Ben Young called them "very quiet machines, much quieter than my original equipment," but suggested a built-in surge protector for the vacuum.

### Performance

A-dec compressors quietly generate clean, dry air. The Regenerative Side Channel Blower technology of the vacuums quickly and efficiently moves high volumes of air, and the dual-impeller system ensures a quick and powerful suction response. Thanks to Smart Performance Responsive technology, A-dec compressors and vacuums sense the number of active users and adjust in real time to channel air and suction exactly when and where it's needed. Noting that



## takeaways

- With 5 compressors and 4 dry vacuum models, A-dec has a solution for almost any size dental practice
- Small footprint, ultra-quiet operation, and upgradable for future growth
- Smart Performance Responsive technology channels air and suction exactly where needed
- Equipment provides optimal performance with minimal maintenance
- On-demand smart performance



Kate Ratliff, DDS Grand Blanc, MI

"A-dec's compressor and vacuum are very efficient. I've never had any challenges running 12 operatories at once."

her "busy office requires reliable equipment," Krull said the A-dec compressor and vacuum "provide sufficient output for our 10-chair office." Dr. Mike Micallef shared, "The suction unit is powerful and quiet for its location in our office, which is all you could ask for in this piece of equipment."

### Reliability, Maintenance, & Support

An air compressor and vacuum system need to operate reliably and consistently because downtime can bring a busy dental practice to a screeching and expensive halt. Designed to ensure reliable suction and clean air with minimal maintenance, A-dec compressors and dry vacuums feature on-demand smart performance that encourages energy savings.

In addition to low maintenance, the capacity of the compressors can be upgraded as a practice grows, which Dr. McCammon appreciated. "Adding this compressor allowed us to purchase only what we needed to operate our start-up office. As we grow, we will be able to add [capacity]," he explained. Dr. Ratliff is impressed with A-dec's quality and customer service, and Krull said they receive "great support from A-dec." Noting that "we don't have to worry about [the compressor or vacuum]," Dr. Will Sensenbrenner said, "A-dec has the best rep in my area. They take care of us and work hard to fix any problem quickly."

The dry vacuums are built with consumption-reducing variable speed technology. With proper maintenance, the direct-drive motor is designed to last a minimum of 20,000 operating hours without maintenance. Innovative drying and filtration cartridges only need to be replaced once every 5 years, and annual filter changes are fast and easy.

### Overall Satisfaction

A-dec systems are backed by a 5-year warranty, and optional features provide

real-time performance feedback, extend compressor life by evenly managing loads across motors, and enable remote monitoring and water control. "A-dec's compressor and vacuum are very efficient," concluded Dr. Ratliff, and Dr. McCammon called his compressor an "effective, good value." Dr. Sensenbrenner simply decided, "I can't do dentistry without it."

### FOR MORE INFORMATION:

800.547.1883  
www.a-dec.com

## PRODUCT REVIEW SNAPSHOT

CRITERIA BASED ON AVERAGE SCORE (OUT OF 5)



A-DEC MECHANICAL ROOM

FINAL SCORE AVERAGE OF SECTIONS A AND B

4.4

