

O I L - L E S S
C O M P R E S S O R S



P O W E R F U L

Midmark PowerAir® Oil-less Dental Air Compressors

Midmark PowerAir® Oil-less Dental Air Compressors bring together the best features and most proven oil-less compressor head technologies into one powerful offering. PowerAir® oil-less compressors satisfy the high standards demanded by today's dental professionals, designed with superior features such as:

- Industry-leading performance
- Quiet operation
- Coalescent-filtered, compressed air
- Fresh air intake
- Unmatched, exclusive product warranty

The PowerAir® series evolved from not one, but two, successful dental compressor brands - Apollo and Matrx®. For more than twenty years, Apollo and Matrx® brand dental air compressors have consistently provided proven field performance and efficient compressed air to thousands of dental professionals. And now, we've taken compressor technology to the next level with the introduction of our most feature-enhanced, oil-less dental air compressors assembled – the PowerAir® series.

PowerAir® oil-less dental air compressors are designed to be performance driven. With industry-leading CFM output, PowerAir® models produce up to 62% more CFM than the competition. To assist with ongoing performance, a fresh air intake helps the compressor heads “breathe” cool, crisp air, enabling PowerAir® models to operate more efficiently. With either twin or triple heads standard on every model, the PowerAir® series is the only complete line of dental oil-less compressors that offer extra protection and piece of mind for the dental professional.

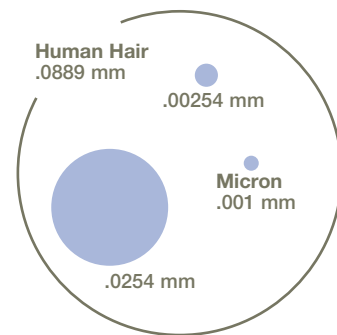
A .01 micron coalescent filter is designed to provide the ultimate in clean air, generating the capacity to capture 99.9997% of compressed air contaminants such as bacteria, household dust, insecticides and other contaminants. PowerAir® models are also designed to excel in providing necessary ultra-dry air for critical dental procedures. By utilizing a time-tested and proven desiccant drying system, filtered, compressed air is dried to below 0° F dew point, ensuring only the best quality compressed air is provided to the dental procedure room.

*Photo on cover is shown with optional sound cover.

The component layout and design has been simplified and re-organized to allow for easy, convenient installation and service. A unique exhaust silencer/filter keeps the purge cycle quiet and the mechanical room floor clean. The quick-connect, optional sound covers allow PowerAir® models to operate quieter than any other non-cabinet, oil-less dental air compressors.

You can depend on Midmark PowerAir® Oil-less Dental Air Compressors. Proven. Reliable. Trusted.

How big is a micron?



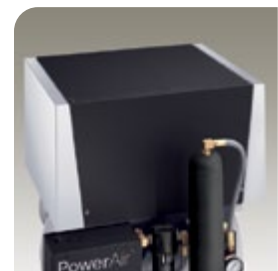
When imagining the size of a micron, think of it like this: The large circle represents the size (O.D.) of a single human hair. The smallest dot represents one micron, or 1/1,000 of a millimeter. Midmark PowerAir® oil-less compressors utilize a .01 micron coalescent filter.

Types of Contaminants

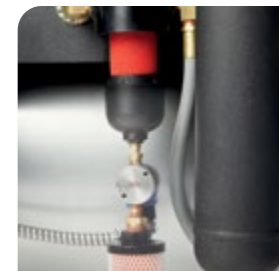
| Visible with the naked eye | Visible with a Microscope | | | | Visible with an Electron Microscope | | |
|----------------------------|---------------------------|----------------------|-----|------------------|-------------------------------------|------|---------|
| | Particle size in microns | 5 | 1.0 | 0.5 | 0.1 | 0.01 | 0.001 |
| | | BACTERIA | | | | | |
| | | COOKING SMOKE/GREASE | | | | | |
| HUMAN HAIR | | PET DANDER | | | | | |
| | | HOUSEHOLD DUST | | | | | VIRUSES |
| | | FERTILIZER | | TOBACCO SMOKE | | | |
| | | PLANT SPORES | | INSECTICIDE DUST | | | |
| | | COAL DUST | | | | | |

Competitors' compressors filter air to 5 micron. Midmark PowerAir® oil-less compressors filter air to .01 micron.

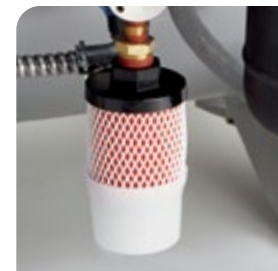
■ Contaminants that pass through a 5 micron filter



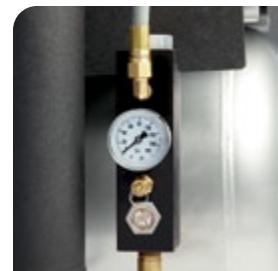
Sound covers allow for quiet compressor operation. Includes high output cooling fans and quick-connect electrical plug. (Optional)



Designed to be 500 times more stringent than NFPA 99 standards, all PowerAir® oil-less compressors include a .01 micron coalescent filter to provide ultra-clean air.



A unique exhaust silencer/filter is designed to keep noise levels low, and filters purge air to a nearby drain for a cleaner mechanical room environment.



Simple and effective, the service access manifold houses all critical compressor operating controls in one convenient location.

Specifications

| Model | # Users | # Heads | CFM@ 80psi | Tank (Gal) | Total HP | Voltage | Total Amps | dBA | dBA w/ Sound Cover | Overall Dimensions H x W x D | Overall Dimensions w/Sound Cover H x W x D | Shipping Weight (lb) |
|------------|---------|---------|------------|------------|----------|------------------|------------|-----|--------------------|------------------------------|--|----------------------|
| P21 | 1-3 | 2 | 5.2 | 10 | 1.5 | 115 60 Hz | 16.0 | 65 | 60 | 27" x 26" x 24" | 32" x 26" x 25" | 285 |
| P22 | 1-3 | 2 | 5.2 | 10 | 1.5 | 208-230 60 Hz | 7.0 | 65 | 60 | 27" x 26" x 24" | 32" x 26" x 25" | 285 |
| P32 | 3-5 | 3 | 7.8 | 20 | 2.25 | 208-230 60 Hz | 11.0 | 67 | 62 | 29" x 33" x 26" | 33" x 33" x 28" | 360 |
| P52 | 5-7 | 2 | 10.6 | 20 | 3.2 | 208-230 60 Hz | 20.0 | 70 | 65 | 31" x 33" x 26" | 33" x 33" x 28" | 410 |
| P72 | 7-10 | 3 | 15.9 | 32 | 4.8 | 208-230 60 Hz | 29.0 | 73 | 68 | 33" x 40" x 27" | 39" x 40" x 30" | 500 |

Warranty

□ 5 years/3,500-hour product warranty

Complies with NFPA 99 Category 3



Midmark is an ISO 13485 and ISO 9001 Certified Company.
 For more information or a demonstration, contact your Midmark dealer or call: 1-800-MIDMARK Fax: 1-877-725-6495
 Outside the U.S.A. call: 1-937-526-3662 Fax: 1-937-526-8214
 or visit midmark.com

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Because we care.