

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

## Introducing the Midmark PowerAir™ Oil-less Dental Air Compressors

The PowerAir™ Oil-less Dental Air Compressors bring together the best features and most proven oil-less compressor head technologies into one powerful offering – by Midmark. PowerAir oil-less compressors satisfy the high standards demanded by today's dental professionals, providing 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 very successful dental compressor brands - Apollo and Matrix. For more than twenty years, Apollo and Matrix brand dental air compressors have consistently provided proven field performance and efficient compressed air to thousands of satisfied dental professionals. And now, the torch burns brighter with the introduction of the most feature-enhanced oil-less dental air compressors ever assembled – the PowerAir series.

PowerAir oil-less dental air compressors are performance-driven. In fact, the name says it all – Power. 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 the PowerAir models to operate more efficiently. With either twin or triple heads standard on every model, the PowerAir series is unsurpassed as the only complete line of dental oil-less compressors that offer extra protection and piece of mind for the dental professional.

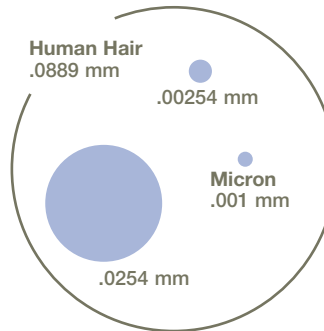
A .01 micron coalescent filter provides the ultimate in clean air, generating the capacity to capture 99.9997% of compressed air contaminants such as bacteria, household dust, insecticides, and other unhealthy contaminants, which may be found in the typical dental mechanical room. PowerAir models also excel in providing the necessary ultra-dry air for the most 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.

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.

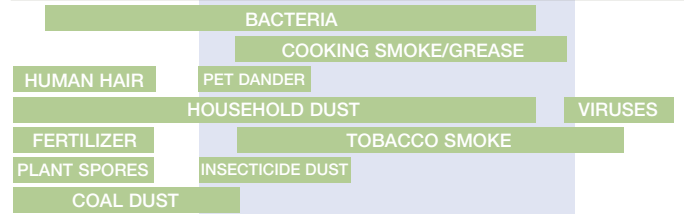
### How big is a Micron?



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. .01 micron is 1/100,000 of a millimeter.

### 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



Competitors' Compressors filter air to 5 micron

Midmark PowerAir oil-less compressors filter air to .01 micron

\*Photo on cover is shown with optional sound cover

■ Contaminants that pass through a 5 micron filter



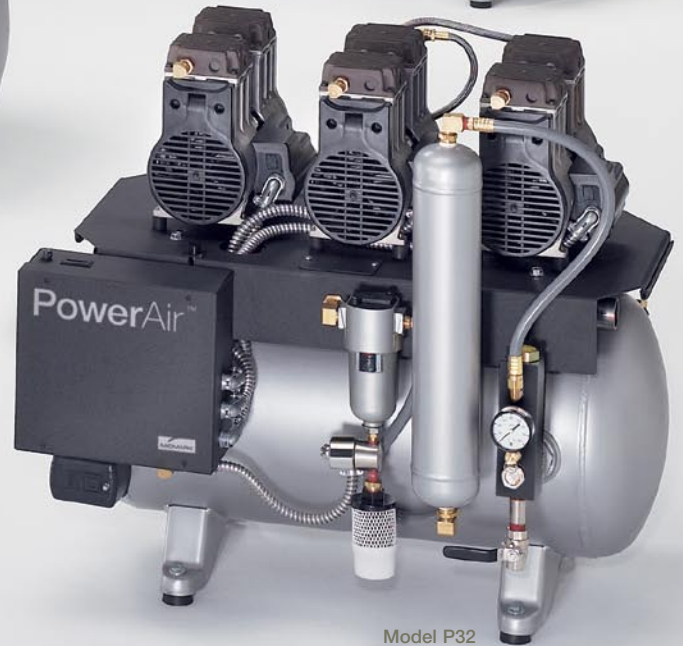
Model P52



Model P72



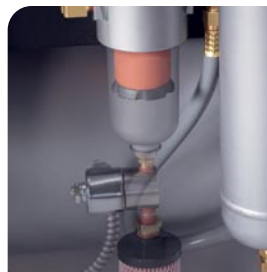
Model P21 or P22



Model P32



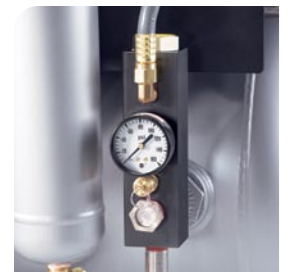
Sound covers allow for extremely quiet compressor operation. Includes high output cooling fans and quick-connect electrical plug. (Optional accessory)



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



A unique exhaust silencer/filter keeps noise levels low and filters purge air to a nearby drain, allowing 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 (lbs.)
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 99C level 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 our website at midmark.com

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Because we care.