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AirStar® | AirStar® NEO

AirStar® & AirStar® NEO

Oil-Free Air Compressors.
Membrane Dryer Technology.

AIR TECHNIQUES equipped for life®

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Proven Reliability From The Industry Leader

We at Air Techniques know that your health and your patient's health is top priority. Modern adhesive procedures require using moisture-free air to provide a reliable bond. Each oil-free compressor delivers air that is quadruple filtered to ensure the cleanest, driest air. Our proprietary Membrane Drying system assures that no moisture ever makes its way to your valuable handpieces or into your patient's mouth.

From design to install, Air Techniques is there every step of the way. Specialized engineers put every air compressor system through rigorous and repetitive testing at our in-house laboratories. Proudly engineered and made in the USA at our 200,000 square foot facility – our compressors are products you can count on for years to come. Put your trust in Air Techniques, the industry leader for over 40 years in dental air compressors and vacuum systems.

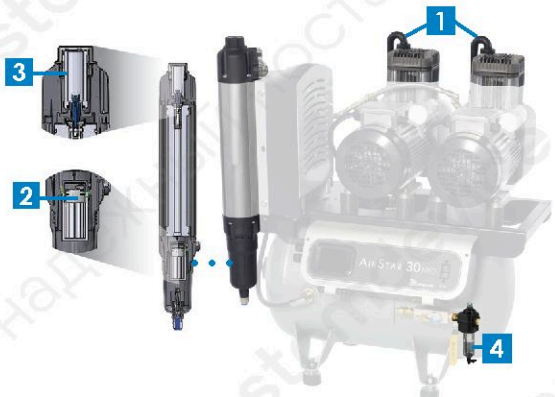
Quadruple Filtered Clean & Dry Air

1 Intake: Filters the ambient air entering the compressor head assembly.

2 Membrane Bottom: The coalescent filter removes moisture in the air stream and prevents any large particles from damaging the membrane element.

3 Membrane Top: Filters fine particles and dust from entering the storage tank.

4 Main Storage Tank: A 5 micron filter removes any remaining fine particles and dust from the air as it leaves the storage tank, before entering the dental facility. It comes with a service indicator to alert you when the filter needs to be changed.



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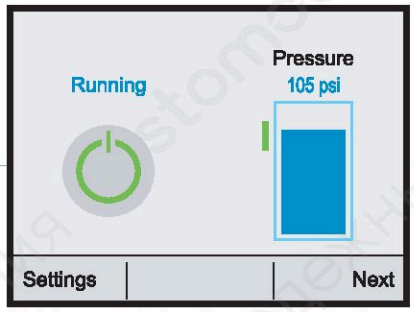
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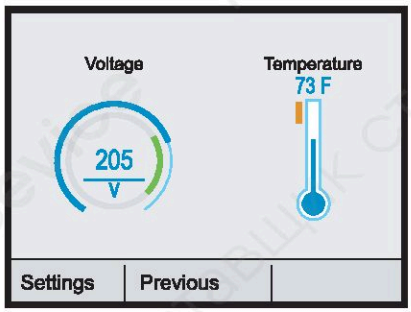
AirStar NEO
In A Class All By Itself

The AirStar NEO series combines Air Techniques' exclusive Membrane Dryer Technology with a fully integrated diagnostic monitoring system. NEO is constantly monitoring itself, indicating when it's time for maintenance, and significantly aids in troubleshooting. Not only is there a touch screen for easy menu navigation, but included is our free NEO Pulse software that brings unprecedented connectivity from the utility room direct to your front office staff.

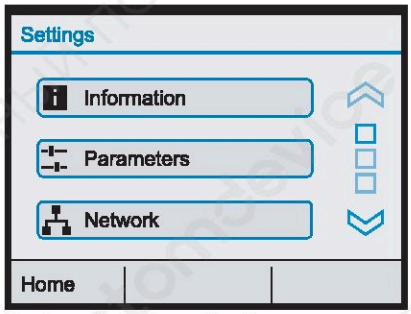
- 100% oil-free, ultra-dry air.
- Membrane Dryer Technology.
- Antimicrobial interior powder coated tank.
- Full color touchscreen display.
- Intuitive Navigation Menu for easy configuration and settings control.
- Worry free preventative maintenance system keeps office staff informed.
- Connects to your front office computers with included NEO Pulse monitoring software.
- Solid-state electronics for higher reliability.
- Smart head management prolongs motor life and reduces noise.
- Virtually no maintenance - only an annual filter change.
- Compact footprint to fit in any location.
- Easy to service machine keeps your practice running with little-to-no downtime.



Digital pressure display with cut-in/cut-out setting



Continuous voltage and temperature monitoring



Easy to navigate diagnostic settings menu

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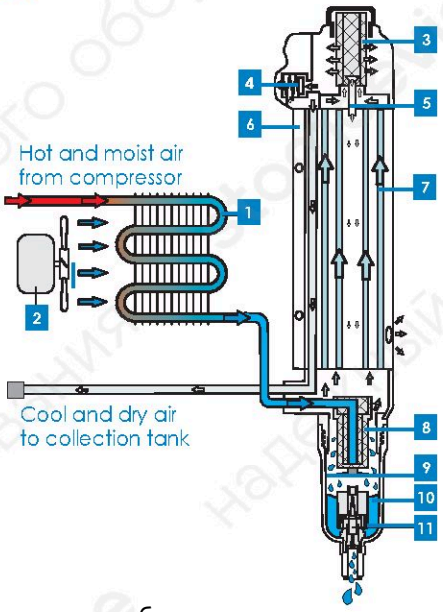


AirStar Stands Above The Rest

Air Techniques was the first major U.S. dental company to introduce oil-free compressors with desiccant drying over 40 years ago. Now Air Techniques is leading innovation by being the first dental company using Membrane Dryer Technology. With auto condensate drainage, these 100% oil-free compressors are and sized for every practice from one to fourteen users.

Membrane Dryer Technology

- 100% oil-free, ultra-dry air.
- Membrane Dryer Technology.
- Antimicrobial interior powder coated tank.
- A low-pressure dew point eliminates damp conditions.
- Stores compressed air at a humidity level of about 20% – lower than NFPA standards.
- Air is compressed with a long-stroke, Teflon-bonded piston and brass-lined cylinder technology.
- Default 85-115 psi (cut-in/out) pressure switch settings.
- Sound cover available for all models.



1 Cooling Element
2 Colling Fan
3 Fine Filter
4 Pressure Limiting Valve
5 Rinsing Nozzles
6 Membrane Dryer
7 Hollow Fiber Membrane
8 Coalescent Filter
9 Filter Umbrella
10 Condensate Water
11 Auto Drain Valve

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Specifications









Part Number	Max. Users	Voltage (+/- 10%)	Dimensions WxHxD (in)	CFM @ 80 PSI	Tank Size (US gal)	Total HP
AS10NEO	2	120	26.5 x 29.5 x 20	2.5	10	1.0
AS21NEO	3	120	26.5 x 29.5 x 20	5.0	10	1.6
AS22NEO	3	220	26.5 x 29.5 x 20	5.0	10	1.6
AS30NEO	4	220	26.5 x 29.5 x 20	5.0	10	2.0
AS40NEO	5	220	30.75 x 32.5 x 21	7.5	16	2.6
AS50NEO	7	220	30.75 x 32.5 x 21	10.0	16	3.2
AS70NEO	10	220	48 x 32.5x 21	15.0	27	4.8



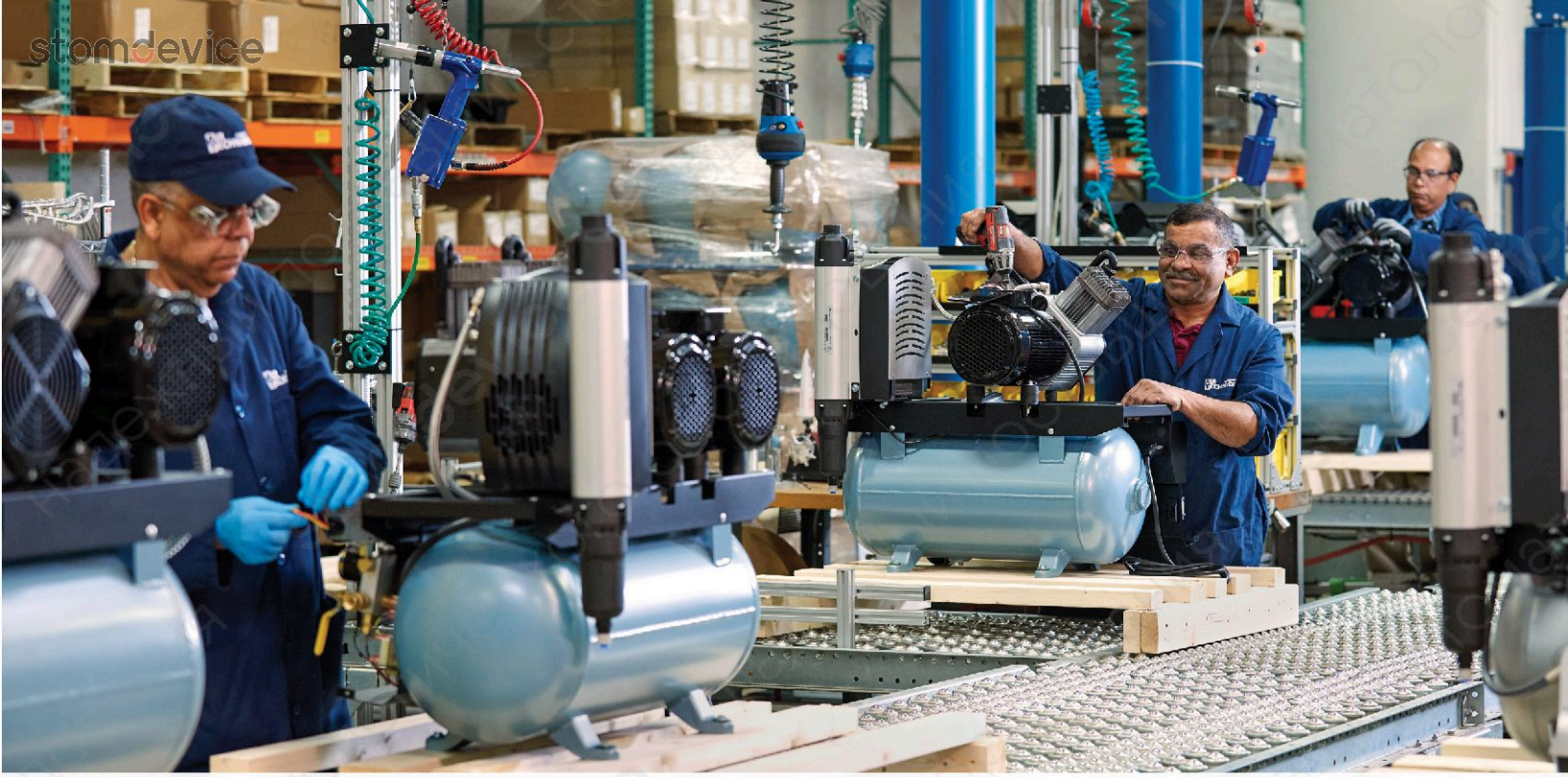






Part Number	Max. Users	Voltage (+/- 10%)	Dimensions WxHxD (in)	CFM @ 80 PSI	Tank Size (US gal)	Total HP
AS10	2	120	25 x 28.5 x 20	2.5	6	.75
AS12	2	220	25 x 28.5 x 20	2.5	6	.75
AS21	3	120	29 x 30.5 x 20	5.0	12	1.5
AS22	3	220	29 x 30.5 x 20	5.0	12	1.5
AS30	4	220	29 x 30.5 x 20	5.0	12	1.5
AS40	5	220	32.5 x 30.5 x 20	7.5	12	2.3
AS50	7	220	35.5 x 33.5 x 20.5	10.0	20	3.0
AS70	10	220	48 x 35 x 22	15.0	30	4.5
AS100	14	220 - 3Φ	46 x 35 x 25	20.0	30	4.8

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All AirStar Models Are Backed By A 5 Year Limited Warranty*

*AirStar compressor heads and motors are under warranty for 5 years

airtechniques.com

From Design To Install

Your air compressor is an important investment and an integral part of your practice. It's the reason Air Techniques puts so much thought into making sure you get the most out of your purchase. AirStar and AirStar NEO are products that you can count on for years to come and we will be the company that takes the journey with you. From design to install, Air Techniques is there every step of the way.

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Member Green Business Certified

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