

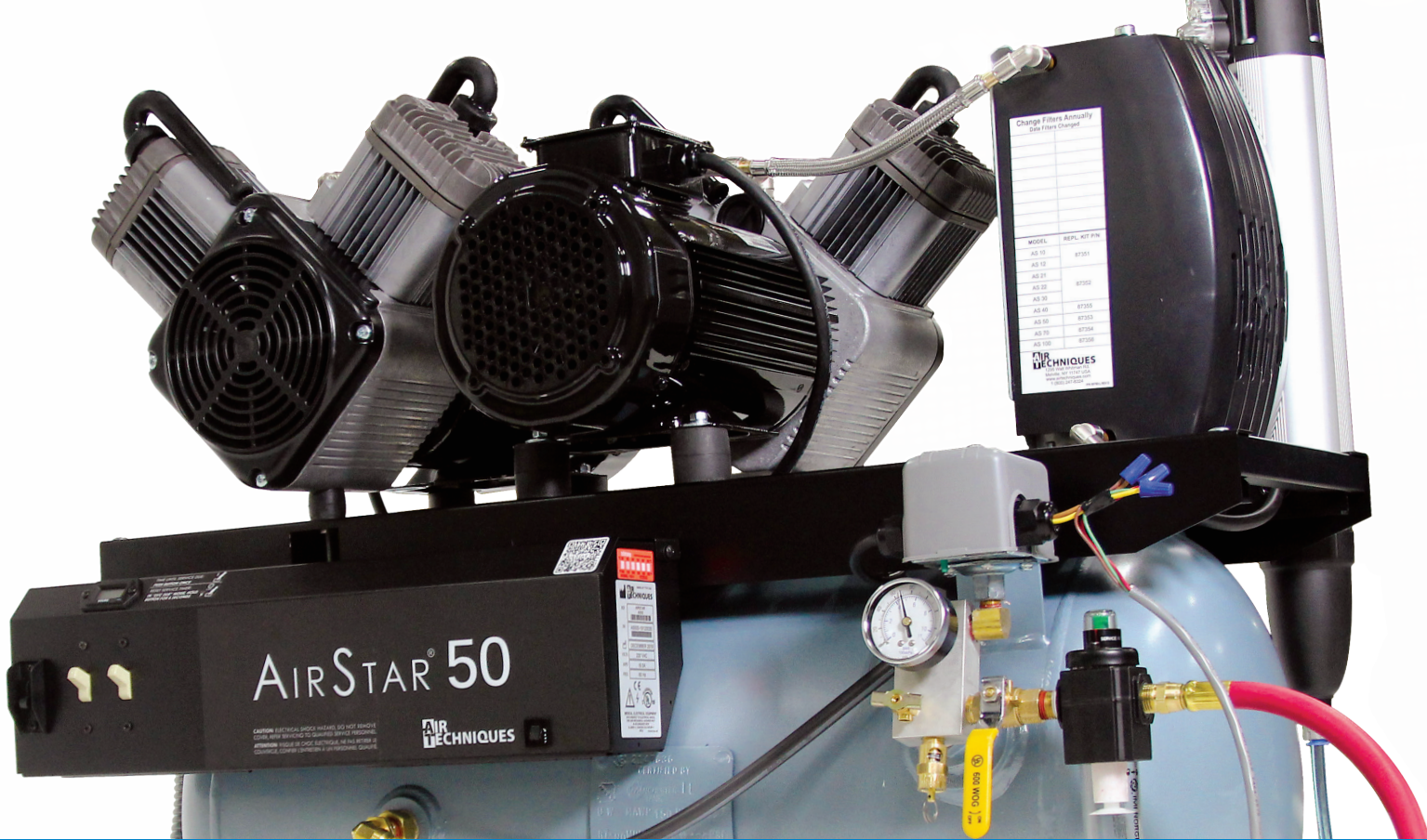
AIRSTAR® | AIRSTAR® NEO

# AIRSTAR® & AIRSTAR® NEO

Oil-less Air Compressors.  
Membrane Dryer Technology.  
Smart.



**AIR**  
**TECHNIQUES** equipped for life®



# AirStar Stands Above The Rest

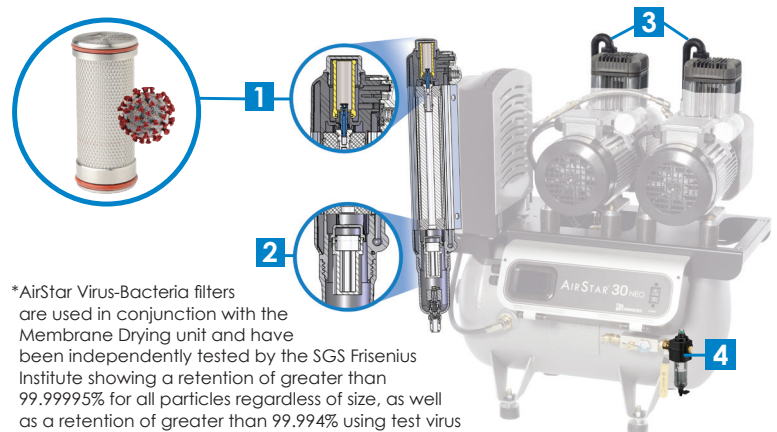
Air Techniques was the first major U.S. dental company to introduce an air compressor specifically for the dental market. Recognizing the unique needs of the dentist, we developed a quadruple filtered, low maintenance oil-less compressor using Membrane Dryer Technology to provide 100% clean, dry air. This combination of ease, performance, and reliability is the reason AirStar and AirStar NEO continue to be the preferred choice for compressed air.

## AirStar Advantage

- Oil-less compressor.
- Vision Monitor compatibility for intelligent, remote monitoring.
- Air is compressed with long-stroke, Teflon-bonded piston and brass-lined cylinder technology.
- Membrane Dryer Technology providing quadruple filtered, 100% dry air.
- 0.01 micron top and bottom membrane filter is capable of eliminating particles and microorganisms from the air at retention rates above 99.99995%\*.
- Antimicrobial interior powder coated tank.
- Stores compressed air at a low humidity level.
- Default 85-115 psi (cut-in/out) pressure switch settings.
- Sound cover available for many models.
- Virtually no maintenance - only an annual filter change.
- Easy to service machine keeps your practice running with little-to-no downtime.
- Compact footprint to fit in any location.
- 5 Year Warranty

## QUADRUPLE FILTERED, 100% DRY AIR

- 1 Membrane Top:** AirStar compressors are equipped with the finest microbial filters available worldwide. The 0.01 micron filter is capable of eliminating particles and microorganisms from the air at retention rates above 99.99995%\*.
- 2 Membrane Bottom:** The coalescent filter removes moisture in the air stream and prevents any large particles from damaging the membrane element.
- 3 Intake:** Filters the ambient air entering the compressor head assembly.
- 4 Main Storage Tank:** A final filter removes any remaining fine particles from the air as it leaves the storage tank, before entering the dental facility.



\*AirStar Virus-Bacteria filters are used in conjunction with the Membrane Drying unit and have been independently tested by the SGS Frisenius Institute showing a retention of greater than 99.99995% for all particles regardless of size, as well as a retention of greater than 99.994% using test virus PHIX174. AirStar Virus-Bacteria filters are in compliance with ULPA U16 according to 1822-1:2009.





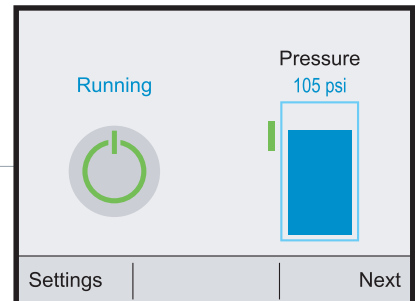
# AirStar NEO In A Class All By Itself

Upgrade your utility room with the most advanced AirStar compressor yet! Boasting a full color touchscreen for easy navigation and control as well as compatibility with Vision Monitor cloud based IoT platform, feel confident your equipment will operate efficiently and alert you if there is a problem.

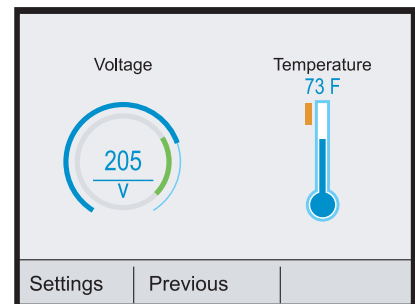
- Full color touchscreen display.
- Intuitive Navigation Menu for easy configuration and settings control.
- Worry free preventative maintenance system keeps office staff informed.
- Connect directly to Vision Monitor cloud platform without added hardware devices.
- Solid-state electronics for higher reliability.
- Smart head management prolongs motor life and reduces noise.

## Vision Monitor Features:

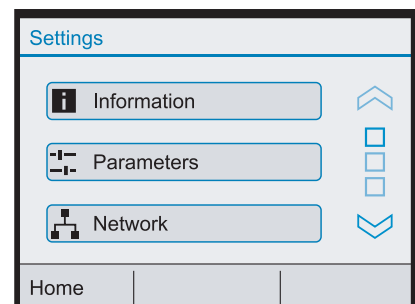
- IoT Condition Monitoring system with web-based user interface (on web and mobile App: Apple & Android)
- Alarms and (pre-) warnings are reported immediately to the desktop and by email
- Remote access to practice equipment via Cloud: easy, safe and secure device configuration
- Legacy equipment monitoring for older or Classic, non-networked devices (Connect Box)



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



Continuous voltage and temperature monitoring



Easy to navigate diagnostic settings menu

# Accessories

## PREVENTATIVE MAINTENANCE KITS

Includes compressor head intake filters, membrane dryer filters and O-rings, and filter bowl

Part Number	Preventative Maintenance Kit
87351	Preventative Maintenance Kit for AS10 / AS10 NEO & AS12
87352	Preventative Maintenance Kit for AS21/AS21 NEO, AS22/AS22 NEO & AS30/AS30 NEO
87355	Preventative Maintenance Kit for AS40 & AS40 NEO
87353	Preventative Maintenance Kit for AS50 & AS50 NEO
87354	Preventative Maintenance Kit for AS70 & AS70 NEO
87356	Preventative Maintenance Kit for AS100



Preventative Maintenance Kits



Air Intake Filter  
PN 89831

Virus-Bacteria Filter  
PN 87172

Vibration Pad  
PN 80184

## Air Star Accessories and Spare Parts

Part Number	Accessories and Spare Parts
87174	Condensate Filter Bowl, Filter and O-Ring
87172	Virus-Bacteria Filter 0.01 microns; Membrane Dryer, Top
89831	Air Intake Filter Replacement: 1 per cylinder for all AirStar solutions
87168	Tank Outlet 5 Micron Filter, Replacement Filter Assembly Only, 3/8" NPT
86395	Tank Outlet 5 Micron Filter & Delivery Hose Replacement Kit, 3/8" NPT
80184	Vibration Pad Kit (Pkg/4)
85510	Kit; Milling Machine Upgrade, AirStar Classic
87010	Membrane Dryer; Cartridge Replacement Kit

## Vision Monitor

Part Number	Connection
N1110	Connect Box*

\*Connect your AirStar Classic compressor to the Vision Monitor IoT platform to ensure you're always up and running. By using the Connect Box you can add any of the AirStar Classic models, or other Air Techniques equipment, into Vision Monitor's cloud monitoring system to ensure your entire utility room gets connected.



Connect Box  
PN N1110

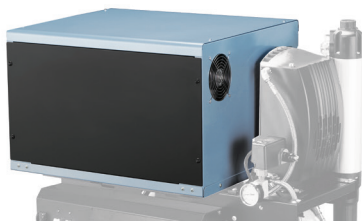
## SOUND REDUCING COVERS

Part Number	AirStar Model
85961	10
85180	12
85962-1M	21
85962-2M	22
85963M	30
87440M	40
89523M	50
89574M*	70

Reduces operating noise by 2-4 decibels.

Sound Reducing Covers will only apply to AirStar Classic models 10 - 70.

\*Requires: Dedicated 220V line w/ receptacle, min 15 amp breaker



Sound Reducing Covers



Remote Air Intake Kit

## REMOTE AIR INTAKE KITS

Part Number	AirStar Model
85491	AS10/AS10 NEO, AS12
85492	AS21/AS21 NEO, AS22/AS22 NEO, AS30/AS30 NEO
87361	AS40/AS40 NEO
85493	AS50/AS50 NEO
85494	AS70/AS70 NEO
85511	AS100

## TANDEM KITS

Part Number	Tandem Kit
85694	AirStar Classic Tandem Installation Kit Connect 2 compressors to work as one unit.
85690	AirStar Classic Multiple Compressor Install Kit Connect 3 or 4 AirStars Compressors to work as one unit.



Tandem Kit  
PN 85690



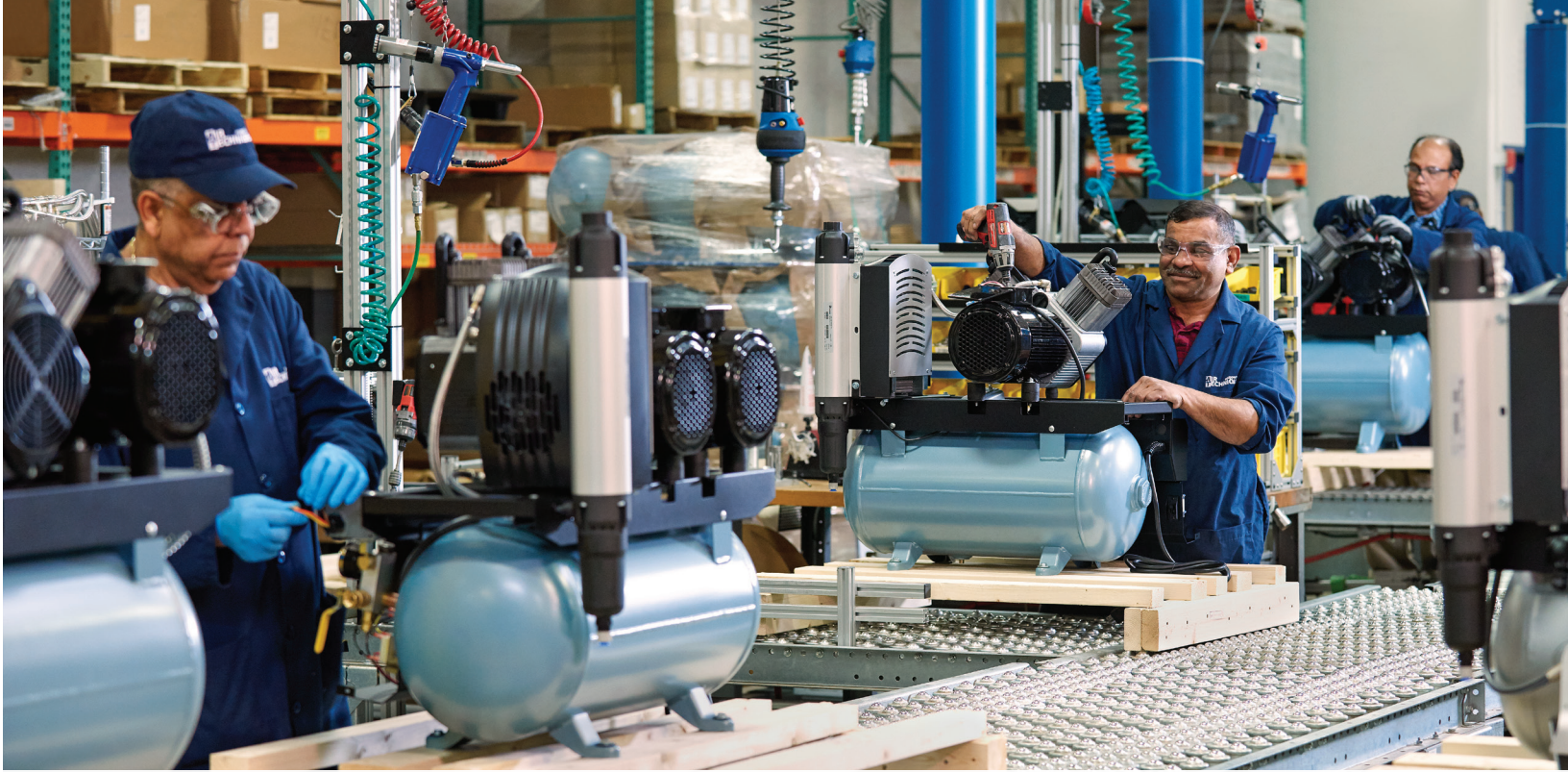
# Specifications



Part Number	Users	Voltage (+/- 10%)	Dimensions WxHxD (in)	CFM @ 80 PSI	Tank Size (US gal)	Total HP
AS10NEO	1-2	120	26.5 x 29.5 x 20	2.5	10	1.0
AS21NEO	2-3	120	26.5 x 29.5 x 20	5.0	10	1.6
AS22NEO	2-3	220	26.5 x 29.5 x 20	5.0	10	1.6
AS30NEO	3-4	220	26.5 x 29.5 x 20	5.0	10	2.0
AS40NEO	4-6	220	31 x 32.5 x 21	7.5	16	2.6
AS50NEO	5-8	220	31 x 32.5 x 21	10.0	16	3.2
AS70NEO	7-12	220	48 x 32.5x 21	15.0	27	4.8



Part Number	Users	Voltage (+/- 10%)	Dimensions WxHxD (in)	CFM @ 80 PSI	Tank Size (US gal)	Total HP
AS10	1-2	120	25 x 28.5 x 20	2.5	6	.75
AS12	1-2	220	25 x 28.5 x 20	2.5	6	.75
AS21	2-3	120	29 x 30.5 x 20	5.0	12	1.5
AS22	2-3	220	29 x 30.5 x 20	5.0	12	1.5
AS30	3-4	220	29 x 30.5 x 20	5.0	12	1.5
AS40	4-6	220	32.5 x 30.5 x 20	7.5	12	2.3
AS50	5-8	220	35.5 x 33.5 x 20	10.0	20	3.0
AS70	7-12	220	48 x 35 x 22	15.0	30	4.5
AS100	10-15	220 - 3Φ	46 x 34.5 x 25	20.0	30	4.8



All AirStar Models Are Backed By An All-Inclusive **5 Year** Warranty

[airtechniques.com](http://airtechniques.com)

## 60 Years of Proven Performance

60 years ago, Air Techniques introduced its first dental air compressor. Today, Air Techniques air compressors and vacuum systems are the standard for dental utility equipment. They are used to power more dental offices in North America than all other air compressors and vacuum systems combined.

Your air compressor is an important investment and an integral part of your practice. That is the reason Air Techniques has not only designed the very best air compressor for the dental industry, but we provide 100% USA based customer support to ensure you are always satisfied with the performance. From design to install through operation, Air Techniques is there every step of the way.



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