

AIRSTAR[®]

IMAGING | UTILITY ROOM | MERCHANDISE

REVOLUTIONARY COMPRESSOR
WITH MEMBRANE DRYER
TECHNOLOGY.



AIR
TECHNIQUES equipped for life[®]

AIR TECHNIQUES STANDARDS - FAR AND ABOVE THE REST



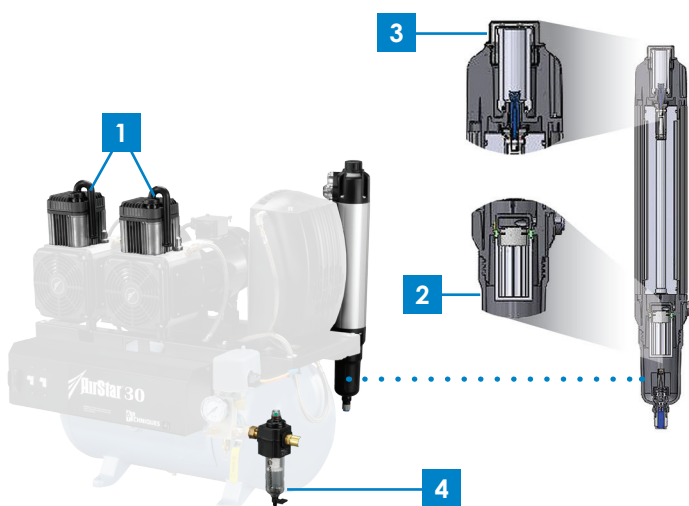
We know that your health and your patient's health is top priority. Unlike others, we don't stop once we've met industry minimum standards; we go above and beyond to ensure you are getting unsurpassed quality. Specialized engineers put every AirStar Compressor – constructed from parts made in our 200,000 square foot facility – through rigorous and repetitive testing at our in-house laboratories. From design to install, Air Techniques is there every step of the way.

FIRST THINGS FIRST

Air Techniques was the first major U.S. dental company to introduce oil-free compressors with desiccant drying over 40 years ago and is now the **first and only** dental company using Membrane Dryer Technology. It's time to take the next step in clean air.

What is Membrane Dryer Technology and why is it important to you? Air provided by every AirStar equipped with a Membrane Dryer is quadruple filtered – once at the compressor head, twice at the dryer and again as it leaves the tank – to ensure it is cleaner and drier than ever before. With such a sophisticated design, the Membrane Dryer greatly reduces the chance of bacteria or other microscopic particles entering your patient's mouth.

A low-pressure dew point – less than that required by NFPA standards – eliminates damp conditions and lowers humidity levels. AirStar stores compressed air at a humidity level of about 20% – significantly lower than hazardous levels.



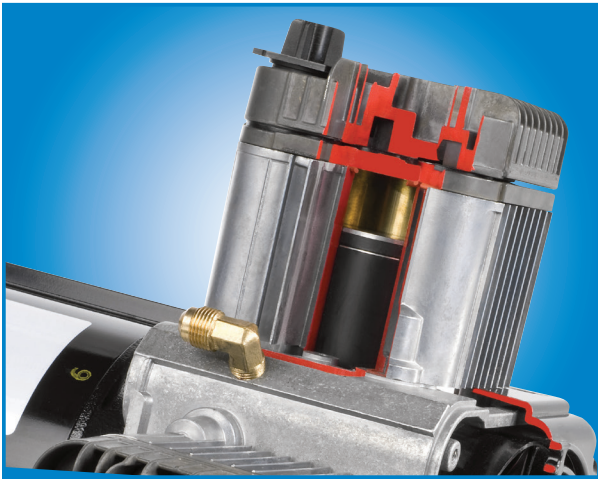
WHERE IS YOUR AIR FILTERED?

- 1 INTAKE.** Treats the air entering the compressor head assembly.
- 2 MEMBRANE BOTTOM.** Captures moisture in the air stream.
- 3 MEMBRANE TOP.** Filters fine particles before the membrane element and the storage tank.
- 4 MAIN STORAGE TANK.** Filters the air after it leaves the storage tank and before it enters the dental facility. Comes with a service indicator to alert you when the filter needs to be changed.

REST EASY

Only a single, annual filter change – no need to constantly monitor your system

THE HEART OF THE COMPRESSOR



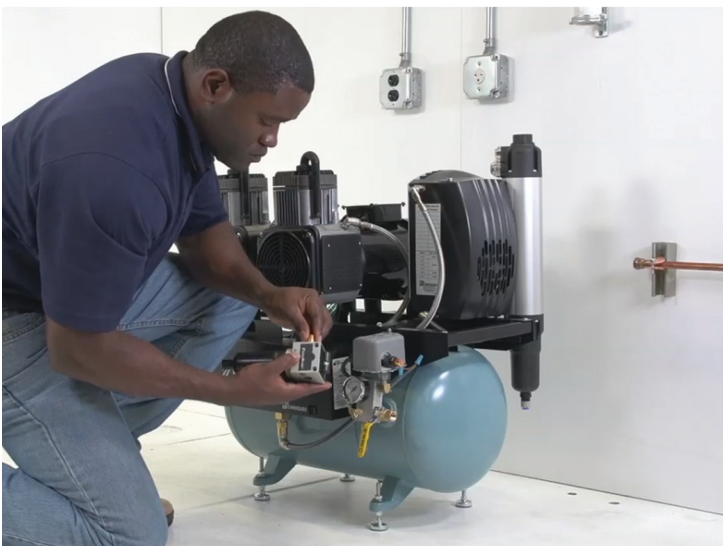
At the heart of every AirStar is a compressor head equipped with our exclusive brass-lined cylinder and long-stroke, Teflon-bonded piston ensuring years of reliable use.

SLOW AND STEADY

Recovery time is a term you often hear, but what exactly does it mean and is faster always better? Recovery time is the number of seconds it takes for an air compressor to go from the minimum pounds per square inch (PSI) of acceptable air pressure in the tank to the maximum PSI. For a dentist, this simply means having stable airflow (measured in cubic feet per minute or CFM) at the correct pressure – an essential benefit you receive with AirStar's 100% duty cycle.

A faster recovery time is assumed to be better; however, there are significant drawbacks. With a fast recovery time, air compressors turn on and off more often, straining electrical and mechanical components. A balanced recovery time, on the other hand, extends the life of your unit's parts and drastically reduces the chance of repair or replacement. Other dental compressors demonstrate a fast recovery time by compromising performance. This is achieved by using a small storage tank and having a small pressure differential – situations not suited for medium-to-high traffic practices. Air Techniques offers several tank sizes with a recovery cycle from 85 PSI to 115 PSI, to accommodate any size practice. The greatest benefit your practice can get from an Air Compressor is consistent, dry, reliable air – **Slow and Steady**.

FROM DESIGN TO INSTALL



An air compressor is an important investment and an integral part of your practice – the reason why Air Techniques puts so much thought into making sure you get the most out of your purchase. AirStar is a product 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.

SPECIFICATIONS (SOUND COVERS AVAILABLE WITH ALL COMPRESSOR MODELS)

AIRSTAR® 10



Part Number: AS10

Max. Number of Simultaneous Users: 2

Voltage (Min/Max): 105/125

Dimensions (HxWxD): 28.5" x 25" x 19.75"

CFM @ 80 PSI: 2.5

Tank Size (cu. Ft./US gal): 0.8/6

Total Horsepower/Kilowatts: 0.75/0.56

AIRSTAR® 12



Part Number: AS12

Max. Number of Simultaneous Users: 2

Voltage (Min/Max): 200/250

Dimensions (HxWxD): 28.5" x 25" x 19.75"

CFM @ 80 PSI: 2.5

Tank Size (cu. Ft./US gal): 0.8/6

Total Horsepower/Kilowatts: 0.75/0.56

AIRSTAR® 21



Part Number: AS21

Max. Number of Simultaneous Users: 3

Voltage (Min/Max): 105/125

Dimensions (HxWxD): 30.5" x 29" x 20"

CFM @ 80 PSI: 5.0

Tank Size (cu. Ft./US gal): 1.6/12

Total Horsepower/Kilowatts: 1.5/1.1

AIRSTAR® 22



Part Number: AS22

Max. Number of Simultaneous Users: 3

Voltage (Min/Max): 200/250

Dimensions (HxWxD): 30.5" x 29" x 20"

CFM @ 80 PSI: 5.0

Tank Size (cu. Ft./US gal): 1.6/12

Total Horsepower/Kilowatts: 1.5/1.1

AIRSTAR® 30



Part Number: AS30

Max. Number of Simultaneous Users: 4

Voltage (Min/Max): 200/250

Dimensions (HxWxD): 30.5" x 29" x 20"

CFM @ 80 PSI: 5.0

Tank Size (cu. Ft./US gal): 1.6/12

Total Horsepower/Kilowatts: 1.5/1.1

AIRSTAR® 40



Part Number: AS40

Max. Number of Simultaneous Users: 5

Voltage (Min/Max): 200/250

Dimensions (HxWxD): 30.5" x 32.5" x 20"

CFM @ 80 PSI: 7.5

Tank Size (cu. Ft./US gal): 1.6/12

Total Horsepower/Kilowatts: 2.25/1.68

AIRSTAR® 50



Part Number: AS50

Max. Number of Simultaneous Users: 7

Voltage (Min/Max): 200/250

Dimensions (HxWxD): 33.5" x 35.5" x 20.5"

CFM @ 80 PSI: 10.0

Tank Size (cu. Ft./US gal): 2.7/20

Total Horsepower/Kilowatts: 3.0/2.2

AIRSTAR® 70



Part Number: AS70

Max. Number of Simultaneous Users: 10

Voltage (Min/Max): 200/250

Dimensions (HxWxD): 35" x 47.75" x 21.75"

CFM @ 80 PSI: 15

Tank Size (cu. Ft./US gal): 4.0/30

Total Horsepower/Kilowatts: 4.5/3.4

**ALL AIRSTAR MODELS
ARE BACKED BY A
5 year *limited,
extended warranty**

* AirStar compressor head and motors

www.airtechniques.com

Corporate Headquarters

1295 Walt Whitman Road | Melville, NY 11747-3062 | Phone 800.247.8324 | Fax 888.247.8481

Western Facility

291 Bonnie Lane, Suite 101 | Corona, CA 92880-2804 | Phone 800.247.8324 | Fax 951.898.7646



Scan QR Code to learn more about AirStar.



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