

S P E C I F I C A T I O N S

AirStar® 10

Part Number: AS10



Max Number of Simultaneous Users: 2
Voltage: 115
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® 30

Part Number: AS30



Max Number of Simultaneous Users: 4
Voltage: 208/230
Dimensions (HxWxD): 30.5" x 29.0" x 20"
CFM @ 80 PSI: 5.0
Tank Size (cu. Ft./US gal): 1.6/12
Total Horsepower/Kilowatts: 1.5/1.1

AirStar® 21

Part Number: AS21



Max Number of Simultaneous Users: 3
Voltage: 115
Dimensions (HxWxD): 30.5" x 29.0" x 20.0"
CFM @ 80 PSI: 5.0
Tank Size (cu. Ft./US gal): 1.6/12
Total Horsepower/Kilowatts: 1.5/1.1

AirStar® 50

(Shown With Sound Cover)

Part Number: AS50



Max Number of Simultaneous Users: 7
Voltage: 208/230
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® 22

Part Number: AS22



Max Number of Simultaneous Users: 3
Voltage: 208/230
Dimensions (HxWxD): 30.5" x 29.0" x 20.0"
CFM @ 80 PSI: 5.0
Tank Size (cu. Ft./US gal): 1.6/12
Total Horsepower/Kilowatts: 1.5/1.1

AirStar® 70

Part Number: AS70



Max Number of Simultaneous Users: 10
Voltage: 208/230
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: 4.0/3.3

(Sound Covers Available With All Compressor Models)



Revolutionary Compressor Filtration With Membrane Dryer Technology.



Product Reliability and Innovation since 1962.



Our 200,000 sq. ft. manufacturing facility in Melville, NY.

Air Techniques is a leading manufacturer of dental equipment for nearly 50 years. We have earned our reputation through our commitment to ensuring customer satisfaction, and we are proud to provide superior quality to dealers and dental practitioners worldwide

Air Techniques products are distributed through authorized dealers only.

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Air Techniques does what everyone else does and then some! 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.

The main tank, where dry air is stored, is internally treated with a patented antimicrobial material to further inhibit the growth and transmission of harmful mold and growth. Feel confident knowing this air is protecting your patient's health, as well as protecting your instruments and hand-held equipment from oxidation.

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



There's Something in the Air

AirStar Warranty

5 year limited, extended warranty.

Rest Easy

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

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.

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.

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.

