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AIRSTAR AERO®

AIRSTAR AERO®

Oil-Free Air Compressor

AIR TECHNIQUES equipped for life®

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AIRSTAR AERO®

Decades of Experience

Air Techniques has been developing and manufacturing a wide range of oil-free piston compressors for more than 50 years. One of our newest developments is a robust, high-performance "wobble piston" design. Integrated with our fully automatic membrane drying system, this compact compressor supplies clean and dry air of the highest quality.

Oil- and Maintenance-Free

Outdated maintenance regimens, such as checking the oil level, changing and disposing of oil, is no longer necessary. Our air systems are environmentally friendly and provide the lowest cost of ownership.

Antibacterial Coated Tank

AERO uses a storage tank with our proprietary antibacterial internal coating. This prevents your patients from being exposed to hazardous biological agents.

The Oil-Free Advantage

- 100% continuous running operation
- Extremely clean and dry air supply
- Low purge air consumption yielding high energy efficiency
- Low pressure dew-point ≤ 5°C (41°F)
- Patented pressure control valve
- Long lifespan even when used at fluctuating pressures
- Maintenance-free operation – change filters only once per year
- Moisture separator with integrated auto condensate drainage (Model AERO-100M / AERO-200M only)



(Not available in the US or Canada)

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Several Solutions

With Membrane Dryers

Modern adhesive procedures require using moisture-free air to provide a reliable bond. The standard AERO unit comes with our proprietary membrane drying system built-in. This automatic condensate drainage system ensures that no moisture ever makes its way to your invaluable hand-pieces or into your patient's mouth. (AERO "M" models.)



Without Membrane Dryer

For practices that would prefer to manually purge their tank moisture, the AERO is also available without the membrane drying system. These models are still equipped with all the necessary operating and safety features, but require periodic manual drainage of condensate. With only one filter needed to be changed on an annual basis, these dryer-free models are a suitable economical solution.



Advantages

- Oil-free
- Quiet
- Compact
- 100% duty-cycle
- Long operating lifespan
- Plug-and-Play for immediate operation

Installation options are availab suit all local code requiremen

- Pressure range (usable) 4 – 10 bar (60-14
- Operating pressure 7 bar (100 psi)
- Ambient temperature 5 – 40°C (41 – 104°
- Microfilter (built-in) 3 micron



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Specifications

Description	AERO100	AERO100M	AERO200	AERO200M
Membrane Dryer	-	Included	-	Included
Condensate Drainage	Manual	Automatic	Manual	Automatic
Delivery Rate @ 0 bar	110 L/min	110 L/min	195 L/min	195 L/min
Delivery Rate @ 5 bar	60 L/min	60 L/min	120 L/min	120 L/min
Operating Pressure (P_N)	8 bar	8 bar	8 bar	8 bar
Max Safety Pressure (P_S)	10 bar	10 bar	10 bar	10 bar
Tank Capacity	25 L	25 L	25 L	25 L
Noise Level	66 dBA	66 dBA	69 dBA	69 dBA
Voltage	230 V	230 V	230 V	230 V
Power (Frequency)	0.92 kW (50 Hz) 0.97 kW (60 Hz)	0.92 kW (50 Hz) 0.97 kW (60 Hz)	1.37 kW (50 Hz)	1.37 kW (50 Hz)
Current (Frequency)	4.9 A (50 Hz) 4.3 A (60 Hz)	4.9 A (50 Hz) 4.3 A (60 Hz)	6.3 A (50 Hz)	6.3 A (50 Hz)
Motor Protection	Thermal Switch	Thermal Switch	Thermal Switch	Thermal Switch
Operating Duration (<40° C)	100% Duty Cycle Capable	100% Duty Cycle Capable	100% Duty Cycle Capable	100% Duty Cycle Capable
Weight	36 kg	46 kg	48 kg	54 kg
Dimensions H x W x D (cm)	62 x 62 x 36	67 x 62 x 48	62 x 64 x 36	67 x 64 x 48

AIRTECHNIQUES.COM

AirStar AERO®



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