

AQUA AIR

5-15 HP \ 100% OIL-FREE AIR \ INDUSTRIAL ELECTRIC COMPRESSOR



- + Cool Clean Air
- + Self-Contained System
- + No Make-Up Water Required

Natural Oil-Free Screw Compressor Packages: An Economical Solution for the Most Demanding Industries



Breweries

Wineries

Pharmaceuticals

Electronics

Oil-Free Industries

- »Automotive
- »Aviation
- »Beverages
- »Breweries
- »Chemicals
- »Construction
- »Electronics Manufacturing
- »Food Processing
- »Health Care
- »Laboratories
- »Metering Technology
- »Oil & Gas
- »Packaging
- »Pharmaceuticals
- »Power Generation
- »Pulp & Paper
- »Textiles



The Environmental Solution

Thanks to the innovative Aqua Air technology, oil-free production of compressed air is now safe and sustainable. This self-contained compressor generates the necessary coolant directly and exclusively from ambient air, using the most natural and environmentally-friendly fluid available: pure water!

Using only water from the atmosphere, Aqua Air produces no waste oil, and maintains outstanding performance throughout its entire lifecycle. This makes production economically feasible, since no costs are incurred for procuring, filtering and disposing of oil-based lubricants.



Oil-Free Compressor Components



Wear-Free Floating Bearings

A maintenance and wear-free floating bearing design created with the highest grade tolerances are the foundation for a long life, reliable screw compressor air end.



Separator System

Durable and reliable, the separation and return of condensate into the circulation system takes place without any mechanical components.



Water Filter System

The integrated injection manifold and water filter manifold are directly bolted to each other. By using o-rings, the seal between the essential components is leak free. The water filter has separate filter elements for operation and bearing injection.



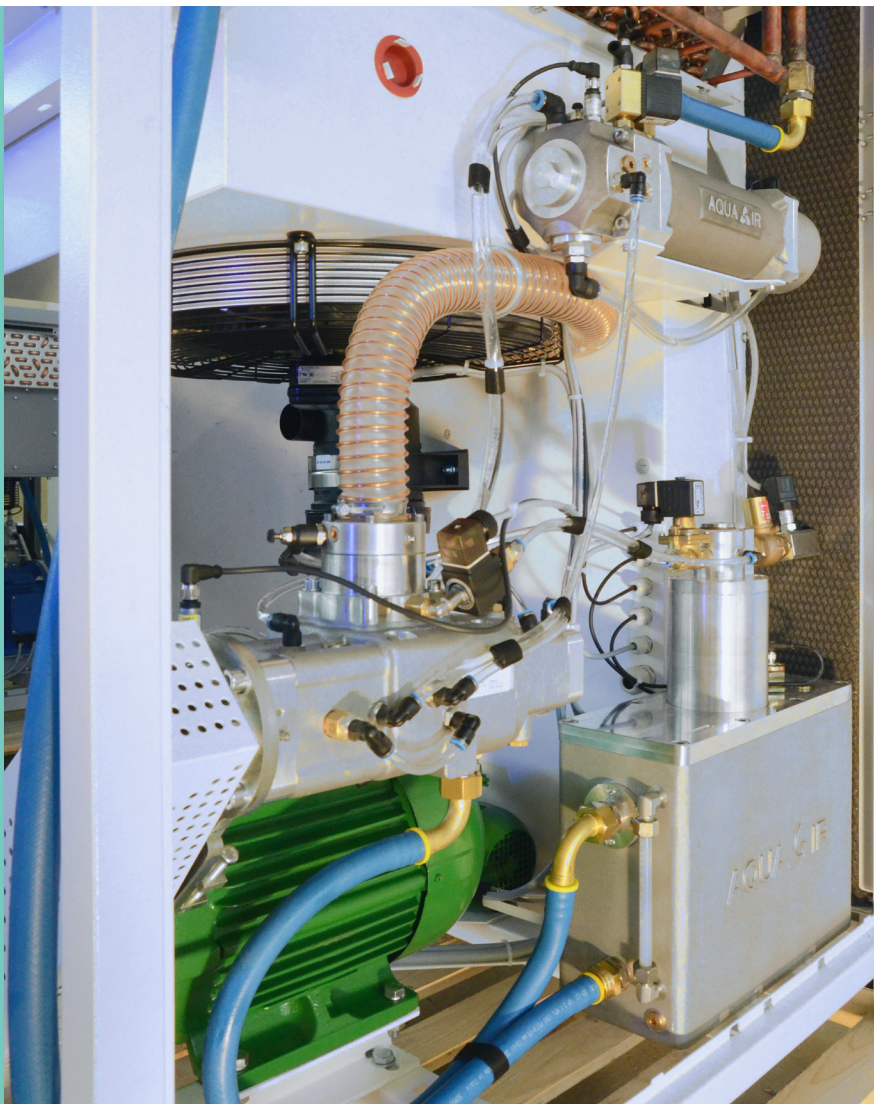
Air End Design

The screw compressor air end is innovative in its design. The rotor profiles are a unique composition of a self-healing proprietary polymer material enhancing efficiency and long-term performance.

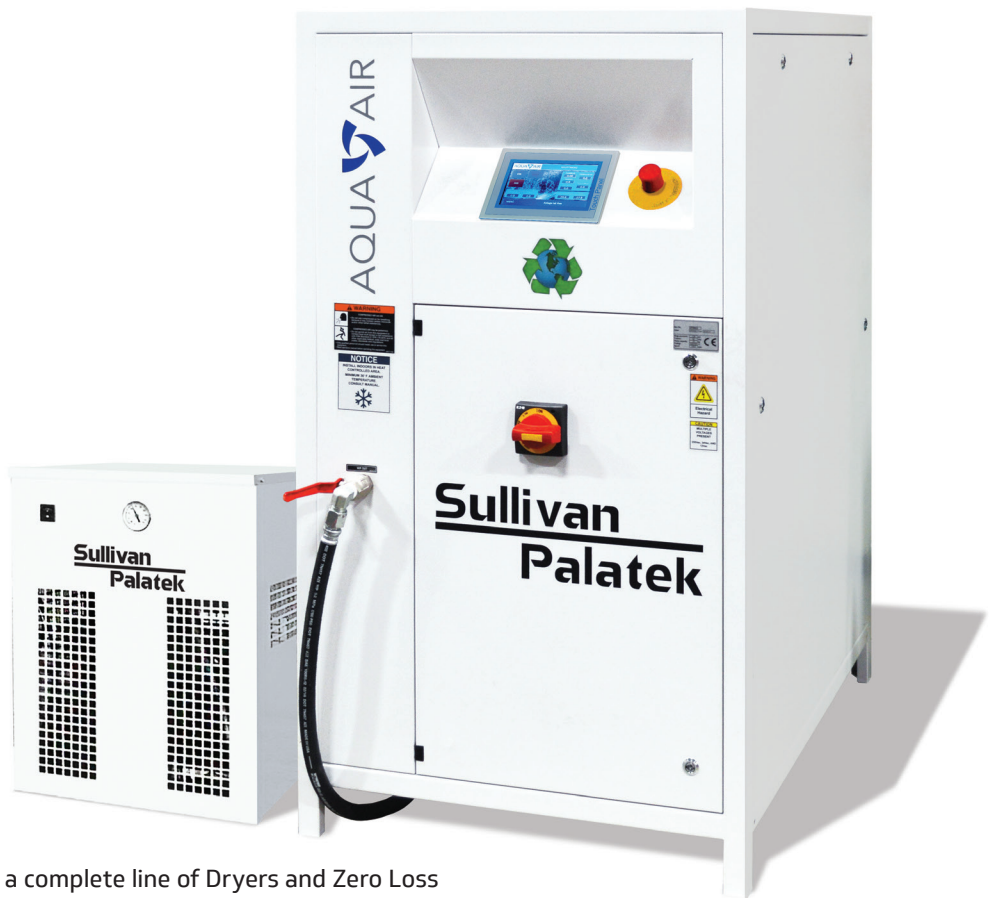


Inlet Air System

A performance-engineered inlet air control valve and a three-stage, heavy-duty inlet filter with remote inlet connection are standard supply. This design improves air control and system performance with minimal pressure drop.



SPECIFICATIONS



Sullivan-Palatek has a complete line of Dryers and Zero Loss Drains that will be quoted with each compressor package.

| Type | Volume Flow (CFM) | Discharge Pressure (PSI) | Power Consumption (HP) | Dimensions length x width x height (in) | Weight (lbs) |
|-----------|-------------------|--------------------------|------------------------|---|--------------|
| SPAA-5 | 19 | 116 | 5.4 | 43.25 x 31.5 x 56.3 | 634 |
| SPAA-H5 | 17 | 145 | 5.4 | 43.25 x 31.5 x 56.3 | 634 |
| SPAA-7.5 | 29 | 116 | 7.4 | 43.25 x 31.5 x 56.3 | 656 |
| SPAA-H7.5 | 25 | 145 | 7.4 | 43.25 x 31.5 x 56.3 | 656 |
| SPAA-10 | 40 | 116 | 10 | 43.25 x 31.5 x 56.3 | 718 |
| SPAA-H10 | 36 | 145 | 10 | 43.25 x 31.5 x 56.3 | 718 |
| SPAA-15 | 60 | 116 | 14.8 | 43.25 x 31.5 x 56.3 | 792 |
| SPAA-H15 | 49 | 145 | 14.8 | 43.25 x 31.5 x 56.3 | 792 |

Pressures 72-145 psi (5-10 bar) standard. Pressures above 10 bar available upon request.
VFD option is also available upon request.

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