

Scroll Air Compressors

Scroll Technology

GVA's scroll air compressors feature completely oil-less technology, ensuring 100% oil-free air delivery. With minimal moving parts, they require less maintenance and offer a longer operating life. Additionally, their energy-efficient design provides more airflow while consuming less power, making them a reliable and cost-effective solution for various applications

Lab & Medical Scroll Compressor Systems

Each system we build is customized to your application so you can rest assured we have the right solution for your lab and medical applications.

- Our medical systems are fully NFPA99 compliant
- Lab & medical systems have been designed and engineered with decades of experience supplying to: **universities, pharmaceutical companies, hospitals, and other laboratory environments.**

System Features

Single Point Connections for process air, electrical, and condensate drainage make installation straightforward.

ASME Certified Receivers come standard with a corrosion resistant epoxy lining.

Intuitive Touchscreen Controls will give you all the information you need for the system operation, service requirements, alarms, and more.

Integrated Aftercoolers and Water Separators ensure bulk liquid removal and appropriate air temperatures for optimized dryer functionality.

Multi Skid Systems with Quick Connections between each skid ensure each skid will fit through a standard doorway and make installation straightforward.

Remote monitoring, BMS communication, & ethernet connectivity allow you to monitor your system in the way that best suits your needs.



Dryer System

- Heatless regenerative desiccant dryers capable of maintaining a -40°F pressure dewpoint
- Coalescing filters will remove all the liquids and particulates in the air prior to entering the dryer, thus ensuring your dryer's longevity
- An integrated dust filter and secondary external filter after the dryer ensure no desiccant dust will enter the air stream
- New dryer design offers improved serviceability and provides class 1-2-0 air
- Energy savings feature allows the dryer to only purge as needed depending on the actual dewpoint reading, therefore minimizing energy consumption while still maintaining your dew point
- Silencer on the dryer purge ensures quiet operation



Serviceability

- Our unique slide feature allows easy access to the pumps without having to fully remove the compressor
- Our belt tensioning system is simple and straightforward
- Scroll compressor requires no major maintenance until 10,000 hours of operation or 4 years for medical systems and 5,000 hours or 2 years for lab systems
- The vertical open configuration allows easy access to all sides of the compressors, belts, and dryers



Since 1990, GlobalVac & Air, formerly GlobalVac, has built a reputation for providing superior products at competitive prices. We have prided ourselves on our quality vacuum pump and compressed air systems that work in a multitude of applications across various industries. GVA designs and builds systems of various configurations including tank mount systems, as well as challenging installations where standard system designs aren't acceptable.



Scan the QR code to visit our website
(508) 230.9445
www.globalvacandair.com