



Simplicity at Its Best

Products & Solutions

- Compressed Air Dryers
- Compressed Air Filters
- Condensate Management

▼ At Trident Pneumatics' our focus is on delivering quality compressed air and gas treatment products that are not only easy to use but also built on a strong foundation of integrity.

Don't let untreated compressed air and gas jeopardize your operations. The risks include equipment failure, product contamination, costly downtime, and soaring operating expenses. Moisture, oil, and particulates can lead to corrosion, degrade product quality, and

increase maintenance requirements across all applications.

Our range of compressed air and gas treatment solutions is thoughtfully designed for simplicity and effectiveness. We provide clear options that deliver essential functionality and reliable

performance. At Trident Pneumatics, we are committed to making your choices straightforward and your experiences hassle-free, allowing you to enhance efficiency and focus on success.



Our Products



Refrigerated Dryers

TC Series Non-Cycling Refrigerated Dryers

Moisture in compressed air can lead to corrosion, equipment damage, and product contamination ultimately reducing efficiency and increasing costs. TC Series non-cycling refrigerated air dryers provide a dependable solution, continuously cooling compressed air to maintain a consistent dew point and eliminate harmful moisture.



THT Series High-Temperature Refrigerated Dryers

Trident Pneumatics' THT Series high inlet temperature refrigerated dryers handle air up to 180°F, making them ideal for piston compressors. They eliminate the need for separate aftercoolers, offering reliable moisture removal and long-lasting protection for downstream equipment.



Desiccant Air Dryers

Dryspell Plus Modular Desiccant Dryers

Engineered for reliable performance across a wide range of applications, the Dryspell Plus Series delivers ultra-dry air with a pressure dew point as low as -40°F. Designed for both lubricated and non-lubricated compressed air systems, these dryers feature robust aluminum construction, and Purge Economizer for energy savings.



TH Series Twin Tower Desiccant Dryers

TH Series Heatless Twin Tower desiccant dryers provide ultra-dry compressed air with dew points as low as -40°F, with options down to -94°F for critical applications. Designed with rugged twin towers and advanced PLC control, they optimize purge air use, reduce wear, and lower energy costs.



Compressed Air Filters

Cleansweep Water Separators

Cleansweep centrifugal water separators are designed to remove 99% of bulk liquids, including water, oil, and condensate—from compressed air and gas systems, protecting downstream equipment and improving process reliability.



Cleansweep Microfilters

Cleansweep microfilters are engineered to provide high-performance oil removal and particulate filtration for compressed air systems. With extremely low installation clearance and flow rates from 11 to 1065 scfm, these filters are ideal for space-constrained environments and critical air quality applications.



Condensate Management

T-SEP Series Oil Water Separators

The T-SEP range of oil water separators remove oil from condensate, allowing safe on-site disposal (≤ 5 ppmv outlet) and slashing disposal costs. Designed to handle common compressor and lubricant types, they help you meet environmental regulations and reduce both downtime and expense.



Timed Solenoid Condensate Drains

Cost-effective and easy to install, Trident Pneumatic timed solenoid drains automatically discharge condensate at pre-set intervals, helping prevent moisture build-up in filters, dryers, and tanks. Ideal for general-purpose applications with consistent condensate loads.



Zero Air Loss Condensate Drains

Engineered for efficiency, Trident Pneumatic zero air loss drains discharge condensate only when necessary, without wasting compressed air. These intelligent drains detect condensate levels and open only when full, reducing energy loss and operating costs.



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