

Accessories and Options

Industrial Air Treatment Package

The TDD Industrial air treatment package is engineered to provide clean and dry compressed air at a low dew point, rated for -40°F. The TDD package is ideal for critical process applications that require moisture-free compressed air such as instrument air systems, food packaging and processing applications to prevent contamination and spoilage, and pharmaceutical manufacturing where dry compressed air is vital to maintain high purity and quality.

Features

- Air Receiver
 - FDA approved internal lining and is ASME rated for 200 PSI MAWP, equipped with a pressure gauge, safety relief valve, and electric automatic drain.
- Desiccant Air Dryer
 - Twin-tower, heatless desiccant air dryer is designed for a pressure dew point of -40°F, sized to meet the full SCFM requirement of the system.
 - The dryer shall be installed and plumbed on a common steel skid to the air receiver.
 - The dryer design shall be of the automatic pressure swing, heatless, regenerative type and shall include a solid-state cycle timer, reliable switching valve design, and purge muffler for quiet operation.
- Filtration
 - Consisting of 2 stages of filtration mounted and plumbed to the air dryer. The first stage of filtration shall include a .01-micron or finer pre-filter with element change indicator and automatic condensate drain and installed upstream of the air dryer. The second stage shall include a 1-micron particulate filter with element change indicator installed downstream of the air dryer.
- Dew Point Monitor with visual and audio alarms
- Pressure Regulator
- NEMA1 control panel
- All components shall be skid mounted and piped to the air receiver
- Additionally, each assembly shall include a pressure reducing valve with a pressure gauge that shall be installed downstream of the final filter to allow for field adjustable outlet pressure.



Available Upgrades

- -94°F Dew Point Rating
- Additional Carbon Final Filter
- NEMA4 Control Panel Upgrade
- Single Point Electrical Connection

Additional Options Packaged or Shipped Loose

- Air receivers from 30 to 600 gallons.
- Refrigerated and Desiccant air dryers
- Air treatment packages detailed below
- Remote inlet filters
- Master lead/lag controllers for multiple cabinets
- NFPA 00 compliant systems
- Laboratory system packaging
- CO monitoring
- Dewpoint monitoring
- 50Hz motors