

Industrial Compressed Air Centrifugal Module



MPW'S COMPRESSED AIR SOLUTION ELIMINATES LARGE CAPITAL EXPENDITURES MPW Industrial Air Utility Services offers energy-efficient Ingersoll Rand centrifugal, oil-free compressors designed to meet customers' Compressed Air Solution (CAS) needs. These compressors, available with air-cooled or integrated cooling systems, are packaged in plug-and-play modules that are easily transportable and continuously monitored by MPW.

The CAS Modules deliver 10-15% energy savings over older systems, with MPW handling all service, repairs and monitoring to reduce downtime and costs. MPW also provides uninterrupted backup services to prevent costly disruptions.

No significant upfront capital is needed for MPW's Compressed Air Solution equipment and maintenance services. We offer reliable solutions at a fraction of the usual capital cost.

MPW also offers rental options for Centrifugal Module units, ideal for both short and long-term needs. Contact us for details on electrical supply, water requirements, pressures, and setup.

FEATURES

- MPW designed, built and tested in-house
- Self-contained, oil-free, Centrifugal Compressor with a Twin Tower Desiccant Dryer and optional self-contained Cooling System
- Data-acquisition system ensures air quality parameters
- 100% reliable, instrument air
- N+2 compressor design at each location
- Integrated Maestro Compressor Control with multiple compressor control features and remote control/diagnostic functions
- Top quality air (Class 0 per ISO 8573-1:2010) protects sensitive downstream equipment

BENEFITS

- Guaranteed performance
- Protection from production downtime, product damage and potential FDA violations
- 18%-20% cost advantage over competitors
- Overhead and maintenance cost elimination
- MPW managed operation and risk mitigation
- Capital investment reduction or elimination

INDUSTRIES

- Automotive
- Clean Rooms (Medical & Electronic)
- Food & Beverage
- Manufacturing
- Mining
- Petrochemical/Refining
- Pulp & Paper
- Power Generation
- Steel



DIMENSIONS

Container 42'x8.5'x9.75' (LxWxH) 42'x8.5'x17.5'*

Operating Weight ~55,000 pounds*

Quality

Pressure

Class 0 per ISO 8573-1:2010

Up to 125 psi

PRODUCT AIR

Up to 1450 CFM

Flow Rate

CONNECTIONS

Trim Cooling Inlet/ Outlet 2" 150# ANSI Flange/ Grooved Pipe

Compressed Air Product 4" 150# ANSI Flange/ Grooved Pipe

REQUIREMENTS

Closed Loop Cooling, Trim Cooling Available

Min./Max Trim Cooling Inlet Pressure 50/100 psi

Electrical (1) 480VAC 3 PH 560 FLA

INSTRUMENTATION

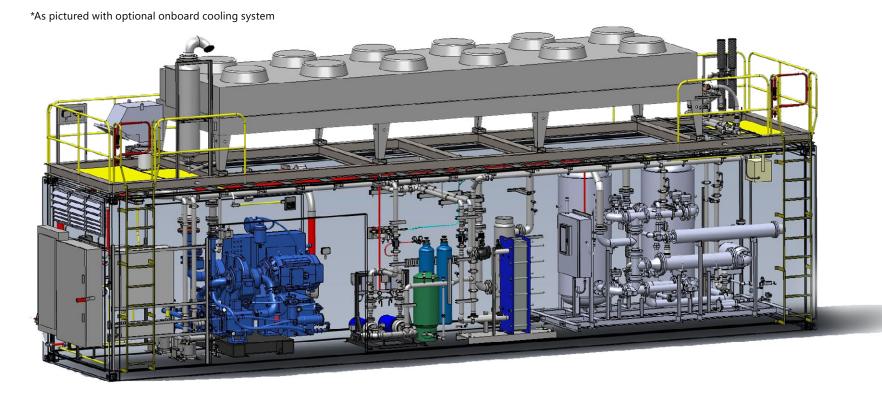
Flow Meter and Totalizer

PLC and Touch Screen Panel PC for Real-Time SCADA and System Trending

Digital Pressure Transducers

Digital Temperature Transducers

Maestro Compressor Controller



9711 Lancaster Rd. SE, Hebron, OH 43025