

Air Compressor Supply, Inc

What is an Air Audit?

To some an “air audit” is nothing more than some assumptions based on data provided by the compressor manufacturers and a quick look at your system. A means to sell you whatever equipment **they** choose. At [Air Compressor Supply, Inc.](#), our goal is to put the exact data, measured and logged from your system, into your hands. Together, we can then make educated decisions and recommendations to meet your exact needs and expectations. The result is a cost-efficient system delivering the highest quality product at the lowest possible price.

A.C.S. Field Auditors will conduct a comprehensive supply side audit and cursory demand side evaluation of the compressed air system at your facility. The scope of the audit will be as follows.

The A.C.S. Field Auditor will use the following tools that will provide the necessary data to perform an accurate evaluation of the system:

- ACR Data Loggers and measurement tools for Pressure, Amperage, and Flow
- Infrared Temperature Devices
- Thermal Dispersion Type Flow Meters

Each compressor will be measured for power using ampere conversion from the logged data. This along with **logged flow data** will provide the auditor with an accurate measure of the existing dynamic efficiency of the compressed air system supply. Using this as a base line, the evaluation will indicate at least two solutions using the existing assets and using alternative assets to achieve maximum dynamic efficiency. The finished report will support all conclusions.

Why Should I have an Air Audit?

Compressed air is considered industry's fourth utility, but is seldom considered as a contributing cost of production. Instead, compressed air costs are typically blended into overhead and often thought of as “free.” This can impact your bottom-line and affect your ability to account for production costs. Existing compressed air systems in the United States consume an estimated 90 billion kWh/year of electricity. The energy being used to produce and treat compressed air can be substantial. Even the smallest compressed air system can be a relatively large source of energy consumption and cost. Many of today's compressed air systems have been “pieced together” over the years in an attempt to meet the growing needs of production and facility expansion. The result is often an unbalanced and inefficient system creating artificial demands and poor air quality.

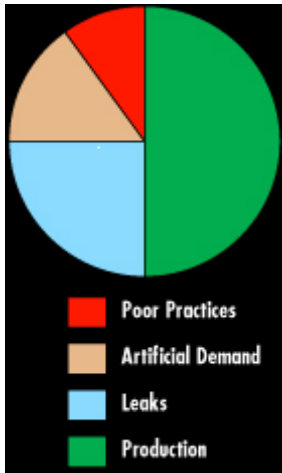
Compressed air is vital to the operation of nearly every industrial plant. An efficient compressed air system can **increase productivity and ensure better product quality**. The more reliable your compressed air system, the more cost effectively you can produce your product—not to mention on-time delivery and increased customer satisfaction. An optimized system ensures that efficient and effective compressed air is available for the lowest possible cost with minimal environmental consequences.

Fortunately, you can count on [Air Compressor Supply, Inc.](#) for cost-effective solutions that will optimize your compressed air system and help you control the cost and efficiency of everyday operations.

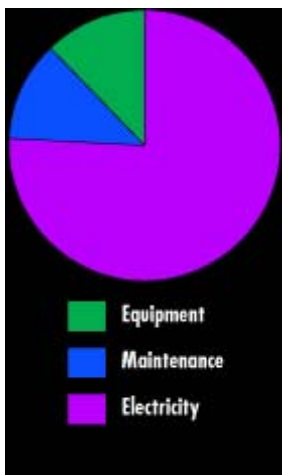
How much is wasted Energy costing me?

Exact Energy costs as well as the efficiency of your compressed air system will be determined by the Professional Auditors at Air Compressor Supply, Inc. The truth is: Compressed Air is *not free*.

For Example: A 100HP air compressor can cost \$40,000 annually in energy alone. And up to 50% of that is wasted. (Source: Compressed Air Challenge)



On average, 76% of compressed air systems operating costs are in **electricity**. (Source: Compressed Air Challenge)



How can I get an Air Audit?

Contact our team today for a free estimate and walk-through of your Facility to see if a Compressed Air Audit can help you get the value and efficiency from your compressed air system that you deserve.

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