



AirSuite™

**PROVIDES A 360° VIEW OF YOUR ENTIRE COMPRESSED AIR SYSTEM —
HELPING YOU MAKE DATA-DRIVEN DECISIONS**



Included with a full system air audit, AirSuite provides an analysis of your entire compressed air system via easy-to-read reports — helping you make the right decisions for your operation.

The full system audit identifies key performance parameters including:

- Actual cfm (m³/min) delivered to production
- System reliability
- Quality of compressed air (ISO Classes)

Common areas identified for efficiency improvements include:

- Misuses of air
- Inefficient system setups
- Machines not sized properly for operations

AirSuite provides options and a customized plan to help maximize efficiency and reduce energy, maintenance and equipment costs:

- Solutions to help reduce:
 - Maintenance costs up to 60%¹
 - Electrical costs by up to 50%¹
- Simulations showing the impact of changing compressors — helping you decide if a different compressor setup is the right option
- Real-time running samples
- Detailed reports including system efficiency, cfm usage and power consumption data
 - Reports may help as documentation for energy provider rebates

Plus, AirSuite provides innovative system modeling for new compressor setups.

¹Based on average data of implemented plans. Your results may vary.

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Electricity represents more than 75%² of the total costs of an air compressor over its life cycle — and some of that energy is used to make unneeded air. According to the U.S. Department of Energy, more than half³ of industrial plant air systems are candidates for large energy savings opportunities with relatively low project costs.

SYSTEM PERFORMANCE SUMMARY			
	FLOW (cfm)	PRESSURE (psi)	POWER (kW(hp))
Abs. Minimum	0.0	102.3	128.4 (172.2)
Minimum ⁴	0.0	102.3	128.4 (172.2)
Average ⁴	788.1	113.7	342.0 (458.5)
Maximum	2,836.9	122.1	579.4 (776.6)
Total Annual kWh 2,988,010 kWh Peak kW 495.3 @ 6/13/18 1:10:45 PM		Energy Cost @ \$0.06/kWh \$179,281 No added demand costs	
TOTAL ANNUAL COST = \$179,281			

² Determine the Cost of Compressed Air for Your Plant. Energy tips sheet, U.S. Department of Energy, December 2000

³ Assessment of the market for compressed air efficiency services. Technical report, U.S. Department of Energy, June 2001

⁴ Includes measurements and data only when the system was pressurized and compressor running

The table above summarizes the compressed air system performance for the measurement period and the calculated annual energy cost.

The charts below illustrate the average system performance across typical shifts to show compressed air usage variance plus energy impact and efficiency. Real production data is reflected, but time segments may be abbreviated.

AirSuite Demo Compressed Air Audit — 6/13/2018 to 6/19/2018

Production = Mon. – Fri. • Shift 1 = 7am–3pm • Shift 2 = 3pm–11pm • Shift 3 = 11pm–7am.
Weekend = 11pm–11pm Sat. & Sun.



Specific Power (kW/100 cfm) is a normalized performance metric for representing the efficiency of a compressed air system. The graphic on the bottom right provides a snapshot assessment of the maximum potential performance of your system — the Rated Efficiency — compared to its actual Measured Efficiency.