

Professional GD Air Audits

Providing environmental
& energy efficiencies



*air***INSITE** 

Advanced Compressed Air
Energy Analyser

GD - The perfect fit

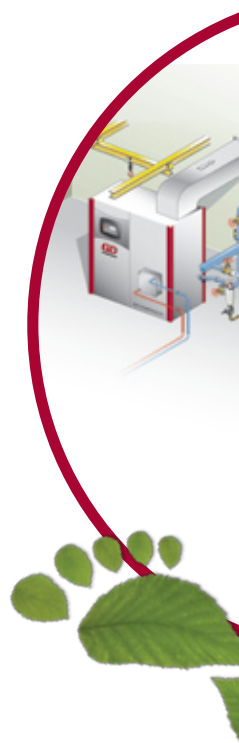
GD
GARDNER DENVER™



Authorised Distributor

Get the **best** out of **your** **compressed** **air system**

With increasing energy costs a fact of life for business, and carbon and emissions levies and taxes a looming reality, the performance and efficiency of your compressed air systems have never been more important. Potential energy savings not only reduce the environmental impact of your business, they also return money to your bottom line.



GD Plant Air Audit - what's in it for me?

GD Audits provide complete air auditing services for compressed air systems:

- To achieve the lowest operating cost for the compressed air system and a fast return on any investment
- To improve manufacturing productivity

- ✓ Reduce capital spending
- ✓ Reduce your carbon footprint
- ✓ **SAVE MONEY AND ENERGY**

Where are the **savings** made?

Supply side

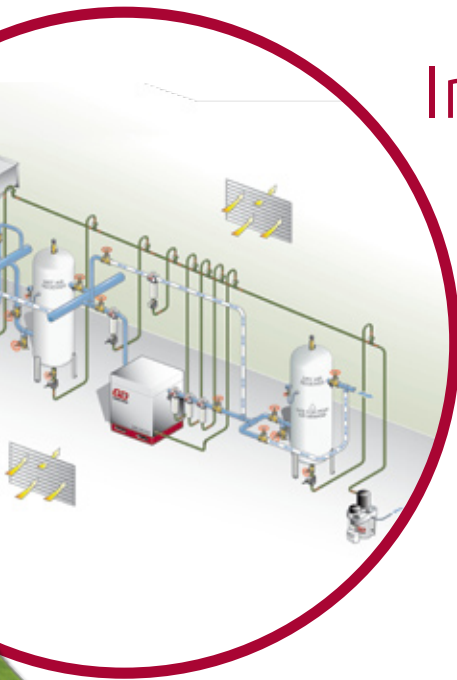
10 – 20% of the savings can be commonly found on the supply side of a compressed air system by identifying areas of improvement in:

- Equipment
- Technology
- Controls
- Monitoring
- Equipment maintenance
- Installation issues

Demand side

A further 20 to 30% of savings can be commonly found on the demand side of a compressed air system by identifying areas of improvement in:

- Compressed air leaks
- Artificial demand
- System dynamics
- System design
- Monitoring



Insist on accuracy...

GD Air Audits are performed to the highest standard!

- Delivering detailed reports and analysis of your compressed air system
- Identifying improvements in your compressed air system through system performance optimisation, leak reduction and practical air management processes



...and rely on the most advanced technology!

GD's latest cloud-based software data logging solution

- Combining unique application expertise with proven hardware and software platforms to deliver the complete, value-adding analytics service

GD **airINSITE** has the facility to measure:

- Amps
- Volts
- kW
- Pressure
- Pressure Dewpoint
- Temperature
- Any 4-20 ma signal
- Actual flow

Our **airINSITE** data loggers incorporate high quality sensors to collect and store information relating to a system's pressure, temperature, pressure dew point and flow rate. Our current and voltage loggers enable true power to be accurately measured, with power costs calculated using these figures. The latest software technology allows us to analyse, chart, graph and prepare professional audit reports. Simulation wizards allow us to show you cost savings by simulating the use of different compressor configurations, of both fixed and variable, against your existing compressor volume.

✓ Making cost savings has never been so easy.

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Whatever your request – GD has The Smart Solution!



The **GD rotary screw compressor** range from 2.2 – 500 kW, are designed to meet the highest requirements which the modern work environment and machine operators place on them. As a result, the GD compressors are extremely energy efficient, quiet and reliable. These compressors continue to further strengthen Gardner Denver's success story – variable and fixed speed compressor technologies available.



The OIL FREE **GD EnviroAire** range from 15 – 110 kW provides high quality and energy efficient compressed air for use in a wide range of applications. The totally oil-free design eliminates the issue of contaminated air, reducing the risk and associated cost of product spoilage and rework, particularly for those customers operating in sterile environments – variable and fixed speed compressor technologies available.

A modern production system and process demands increasing levels of air quality. Our complete **Air Treatment Range** ensures the highest product quality and efficient operation.

Our Product range's consist of:

- Refrigerant Dryers.
- Desiccant Dryers.
- Condensate Management.
- Oil / Water Separation Systems.



Compressors systems are typically comprised of multiple compressors delivering air to a common header. The combined capacity of these machines is generally greater than the maximum site demand. To ensure the system is operated to the highest levels of efficiency, the **GD Connect air management system** is essential.

- The modern GD Connect 12 air management system can intelligently control up to 12 fixed speed or variable speed compressors.
- The simple GD Connect 4 air system is the ideal control solution for smaller compressed air stations, and will intelligently control up to 4 fixed speed compressors.



For additional information please contact Gardner Denver or your local representative.



Gardner Denver

gdcompressors.eu@gardnerdenver.com
www.gardnerdenverproducts.com

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