The industry has always turned to Airgas for the right product at the right price. For good reason. By combining supply chain efficiency with the widest variety of products and technical support, the Airgas approach makes bulk gas easier and more cost-effective to buy and manage than ever before.

In addition to sourcing bulk gases from partner suppliers, Airgas also maintains a network of gas production plants (air separation units, also known as ASUs) in order to provide customers with uninterrupted gas supply.

The right product. The right price. The right expertise to support you wherever you are. You’ll find it with Airgas.
An Airgas product for practically every industry.

Airgas delivers economies of scale across a wide range of gases. Along with standard atmospheric gases, we offer specialized products, like Nitrous Oxide, beverage-quality Carbon Dioxide and NF/USP gases. We also provide high quality storage systems to meet or exceed industry standards.

Bulk Gases.

- Argon
- Carbon Dioxide
- Helium
- Oxygen
- Hydrogen
- Nitrogen
- Nitrous Oxide
- Propane
- Propylene
- Acetylene

Bulk Gas Services.

- Evaluation of gas usage to determine the most cost-effective supply mode
- Safety audits of your facility to ensure proper gas operations
- Bulk gas delivery and installation of on-site bulk storage tanks
- Flexibility to adapt to changing gas supply needs
- Vendor Managed Inventory (VMI) – Remote telemetry monitoring of tank levels for automatic replenishment

Operation analysis and engineered solutions: expertise at your service.

To make your business more profitable, Airgas fields the largest customer care team in the industry. It starts by analyzing how you use and manage gas, so that our bulk storage and delivery systems will increase your cost-efficiencies.

Our experienced applications engineers look at your needs, applications, and how products can be used more effectively. We prepare a customized engineered solution for your current and future production requirements. And develop a thorough project plan of the installation, including design specs, equipment and piping to eliminate downtime and boost efficiency of the new bulk gas supply system.

Airgas bulk gas applications engineers provide expert assistance recommending engineered solutions for:

- Food Freezing
- Food Packaging
- Chemical Processing
- Melting and Heating Metals and Glass
- Heat Treating
- Rubber Deflashing
- Water/Wastewater Processing
- And, much more

What is the right gas supply mode?

Gas Supply Mode Selection (for nitrogen, oxygen and argon).

Bulk Gases.

- Argon
- Carbon Dioxide
- Helium
- Oxygen
- Hydrogen
- Nitrogen
- Nitrous Oxide
- Propane
- Propylene
- Acetylene

Monthly Volume (SCF/month)

Note:
1. For carbon dioxide, hydrogen, helium and other gas requirements, contact your local Airgas representative to discuss the available supply options.
2. Airgas will assist you in determining if an onsite gas generating option make sense for your operation.
Dependable supply modes for changing needs.

MICROBULK

*230 – 5,000 Liter
61 – 715 Gallon
5,658 – 66,592 SCF

Are you using cylinder gases now?
Ask for an Airgas Mode Change Analysis to see how switching from cylinders to bulk gas supply can increase efficiency and save money.

Benefits of a Mode Change.

• Uninterrupted supply of gas, with no down time changing cylinders
• Fewer deliveries, fewer invoices to process, saving you time and money
• Eliminates moving, tracking, and storing cylinders
• Reduces contaminants entering your gas stream

GROUND STORAGE and BULK LIQUID

Ground Storage Tubes
*10,000 – 100,000 SCF
Up to 6,000 PSI supply pressure

Bulk Liquid Storage
*500 – 15,000 Gallon
50,000 – 1.5mm SCF

*Volumes shown are approximate, based on Nitrogen supply.
Bulk storage designed for your application.

We'll design the bulk storage system that's best for your application. And, as your needs change, we'll exchange the system for what works best. Our cost-effective leasing programs mean you don't have to worry about capital investments.

Airgas bulk systems experts will help you:
- determine the most economical size
- plan what's needed before installation
- assist with obtaining any needed permits and answer questions from local authorities

Bulk liquid tank.

- Commonly used for storage of liquefied nitrogen, oxygen, argon and carbon dioxide
- Vacuum insulated vessel that remains at the customer's site, can supply a cryogenic liquid or a vaporized gas at pressures to 500 psi. Higher pressures available with additional equipment
- Designed to supply product at a constant set pressure and flow that varies with customer's demand
- Available with a remote telemetry unit that allows the customer and Airgas to monitor the liquid volume and automatically deliver product as required

MicroBulk liquid tank.

- For storage of liquefied nitrogen, oxygen, argon and carbon dioxide (check with your local Airgas associate for availability in your area)
- Sized between liquid cylinders and bulk, this distribution solution meets the needs of customers with volumes that make using cylinders or bulk gas systems inefficient
- Less venting and residual losses than from liquid or high-pressure cylinders results in product savings
- No cylinder handling and moving means labor savings

Gas storage in tubes, trailers and tanks.

- For storage of gaseous hydrogen, helium, nitrogen, oxygen, argon and other products upon request
- Ideally suited for spot needs, short term requirements and high pressure gas applications
- Less common gases, such as liquid hydrocarbons ($C_1$ to $C_{10}$) and gas mixes, can be supplied in tube trailers and tailored to your supply needs

Portable bulk liquid trailers.

- A trailer mounted liquid tank and vaporizer for supply of nitrogen, argon or oxygen that can be filled on-site
- Designed for temporary needs like bulk liquid tank changeouts, construction sites, refinery turnarounds and pipeline installations where a tube trailer does not provide sufficient storage capacity
- Ideal applications include tank changeouts, purging, pressure testing, oxycutting and shielding gas (Airgas can provide a gas mixer for a customer's application)

On-site systems.

Your Airgas representative can provide more details about on-site options for generating oxygen, nitrogen, or hydrogen.

National clout, local personal attention.

With more than 1,100 locations nationwide, Airgas is the largest distributor of industrial, specialty and medical gases and equipment. This integrated network gives Airgas buying clout and lets us provide on-demand local delivery and personalized support. Your situation is unique. So our solutions are tailored to the specific needs of your operation. We help you improve bulk supply management, minimize gas usage costs, reduce the number of suppliers and share best practices across your organization.