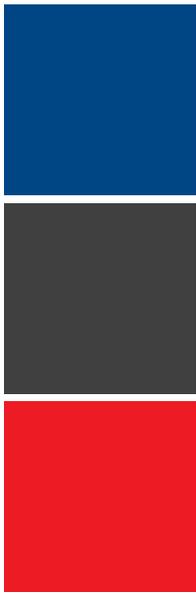


Supply Modes

Gas Delivery Solutions

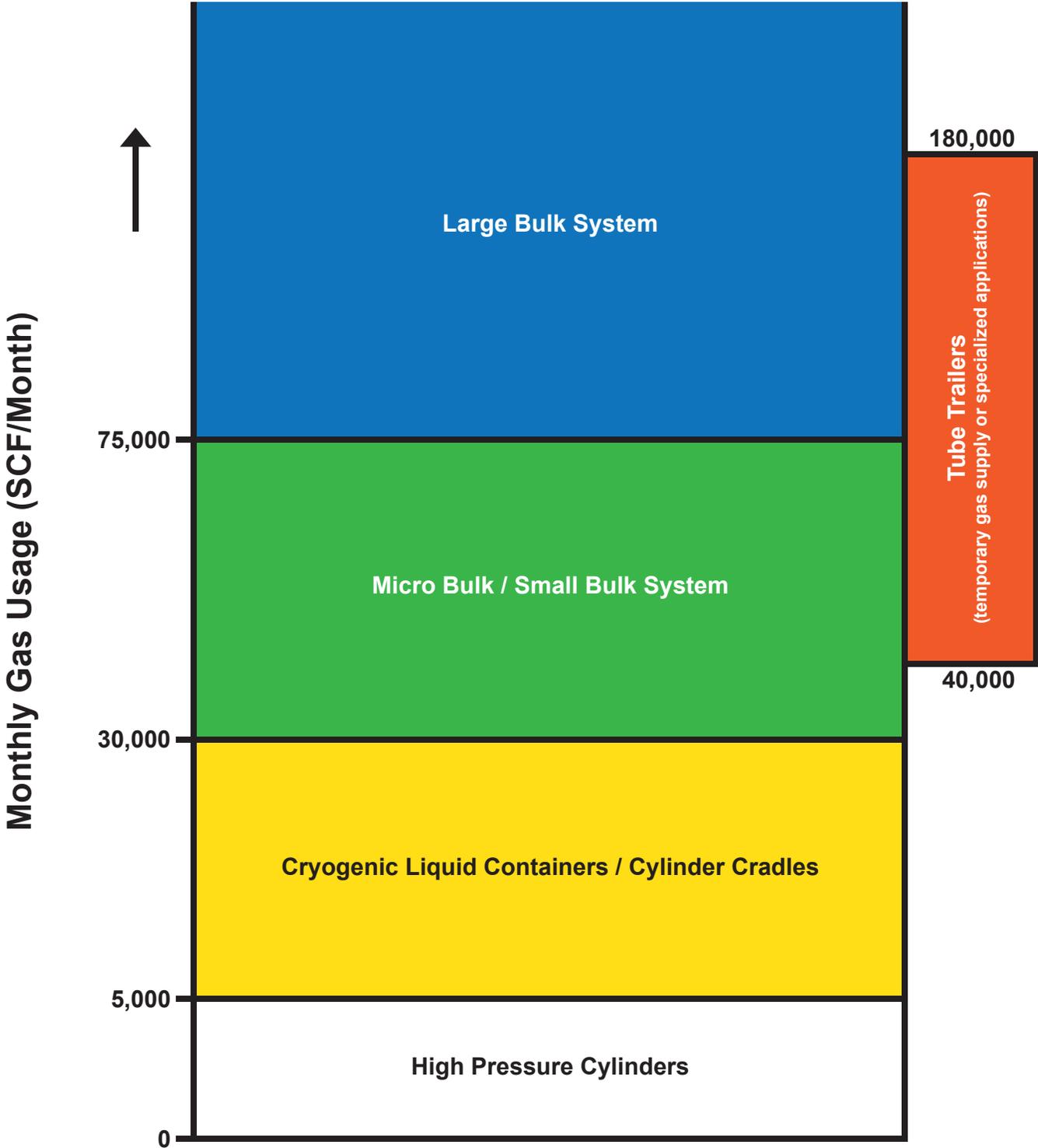
a full line of cylinders
cradles, cryogenic, micro bulk
& bulk storage vessels



Supplying your business...

selecting the right supply mode

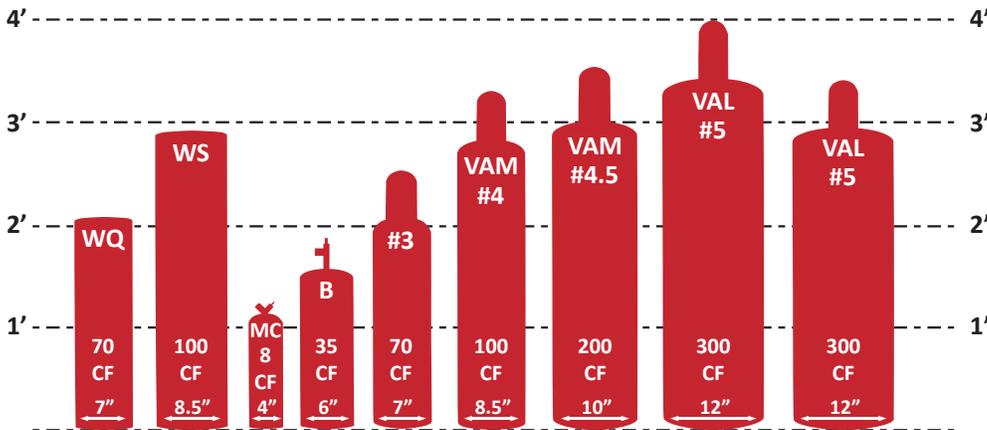
AWG offers a complete line of supply modes to meet any and all of our customers' needs. From the smallest high pressure cylinders to the largest bulk tank systems, AWG has the knowledge and expertise to help you select a supply mode for your business. Not only that, we tailor each solution to allow for expansion as your business grows.



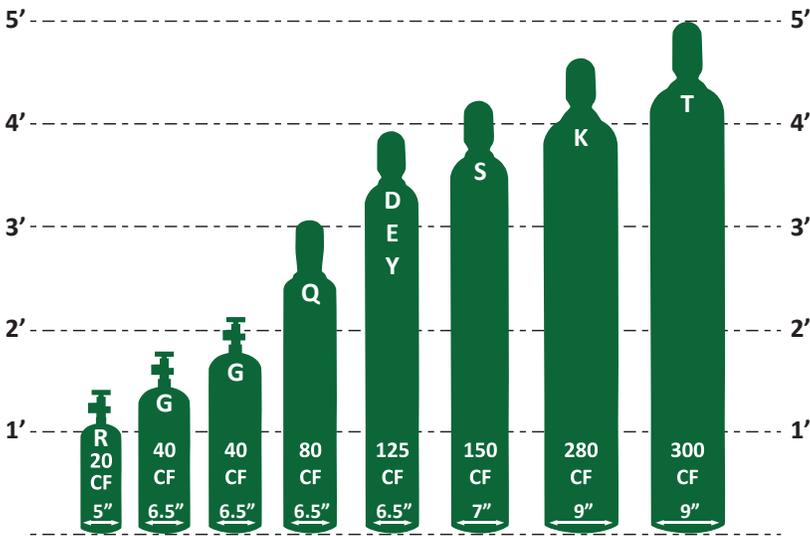
Cylinders

For customers with gas consumption of less than 5,000 scf/month, AWG offers a variety of high and low pressure cylinder sizes for any application. Whether steel cylinders for the industrial markets or aluminum cylinders for medical applications, AWG has what you need for your business.

Acetylene



High Pressure / Oxygen



Multiple high pressure cylinders can be used together via stationary manifolds to reduce handling time associated with cylinder change outs.



We offer annual leases or monthly rental on cylinders.

* Cylinder sizes and cubic foot capacity vary with cylinder size, manufacturer and vintage. The above charts are approximations for reference of the most common sizes carried at AWG.

Cryogenic Containers & Cradles

If your business uses between 5,000 and 30,000 scf/month on a particular gas, AWG recommends Cryogenic Liquid Containers or High Pressure Cylinder Cradles as your mode of supply.

Cryogenic Liquid Containers

Often referred to as Dewars, Cryogenic Liquid Containers are used for cryogenics such as liquid nitrogen, liquid argon, liquid oxygen, liquid carbon dioxide or liquid helium, whose boiling points are lower than ambient environmental temperatures. This supply method allows a high volume of gaseous product to be released as the liquid evaporates while occupying a smaller footprint.

Advantages of Cryogenic Liquid Containers include:

- Hold a large volume of gas at relatively low pressure
- Easy handling of cryogenic liquids
- Reduces downtime associated with cylinder change outs



High Pressure Cylinder Cradles

High Pressure Cylinder Cradles come in a variety of setups. AWG offers Cradle Assemblies from 4 to 16 cylinders. Advantages of cradle assemblies over individual cylinders include:

- Low setup time
- Eliminates handling of multiple cylinders
- Reduces downtime associated with cylinder change outs

AWG Cylinder Cradle Assemblies are DOT Compliant with DOT-SP 14175 permits.

- Cradles labeled on all 4 sides with DOT-SP 14175 permit labels
- Individual cylinders labeled with DOT-SP 14175 permit labels
- All cylinders retested and relabeled in 10-year intervals per DOT Specifications 3A and 3AA

Micro Bulk



For customers who have outgrown smaller compressed gas cylinders yet do not need the capacity of a bulk storage system, AWG offers a variety of micro bulk options and sizes. AWG works closely with our customers to design a micro bulk system that is effective, efficient and designed for long term-growth.

Micro bulk allows the benefits of on-site gas delivery without the hassles, waste and expense of transportable compressed gas cylinders. Designed for a higher level of efficiency, micro bulk tanks reduce labor associated with swapping out full for empty cylinders, eliminate residual gas loss and eliminate lost or damaged cylinders. Furthermore, they can be equipped with telemetry monitoring. Never worry about your gas supply again.

Applications:

- Metal Fabrication
- Metal Processing
- Laser or Plasma Cutting
- Biological Storage and Research
- Analytical / Laboratory
- Medical
- Food and Beverage Packaing
- Purging and Blanketing
- Electronic Manufacturing

Advantages:

- Reduced product cost
- Reduced cylinder lease / rent
- Reduced labor costs
- Reduced chance of injury from handling
- Eliminates residual product loss
- Constant worry free supply of product
- Peace of mind

Bulk Systems

For customers using 50,000 scf/month or more of a particular gas product, AWG offers a full line of custom designed and installed bulk systems.

Engineering your Bulk System

From conceptual design to pad creation to installation, our highly trained team of technicians ensure your installation is on schedule with no interruption of service.

Based on your usage data, we design a system that not only meets your current needs, but also allows for expansion as your usage increases. Our goal with any bulk installation is to help our customers utilize their gas products in the most efficient way, reducing costs and increasing productivity.

We pay particular attention to safety and procure all necessary permits prior to installation.

Bulk Gas Services

- Evaluation of usage to determine proper storage tank size
- Project planning with design specifications and pricing
- Pad Creation
- Bulk storage tank installation with piping to the building
- Telemetry Monitoring (Vendor Managed Inventory)
- Monthly gas usage reports

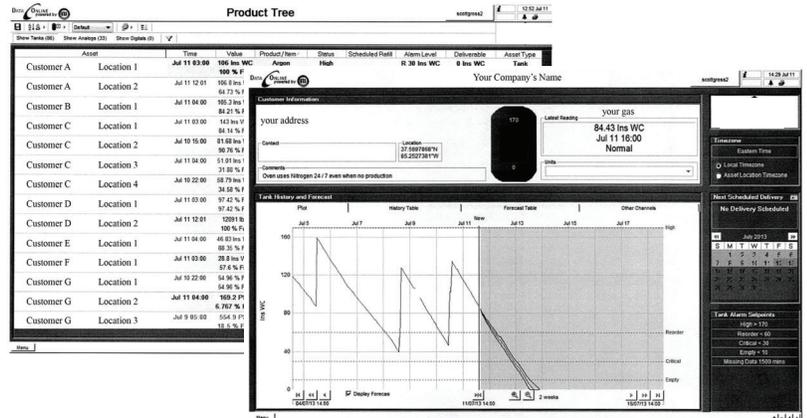
Available Bulk Products

- Argon
- Carbon Dioxide
- Helium
- Hydrogen
- Nitrogen
- Oxygen
- Propane
- Propylene



Telemetry Monitoring

Telemetry monitoring lets us know that you are low on product, even before you do. We take a proactive approach to your gas supply. When monitoring indicates your supply is low, our auto re-ordering system ensures that a fresh supply of product is dispatched to prevent a shortage for your critical applications. In addition, monthly usage reports are supplied to help your budgeting and forecasting.



Tube Trailers

Tube trailers are typically used for short term gas supply (such as during a conversion to bulk tank systems) or for special applications where bulk tank installation is not an option. Generally, customers with gas consumption between 40,000 and 180,000 scf per month will look at the tube trailer option.

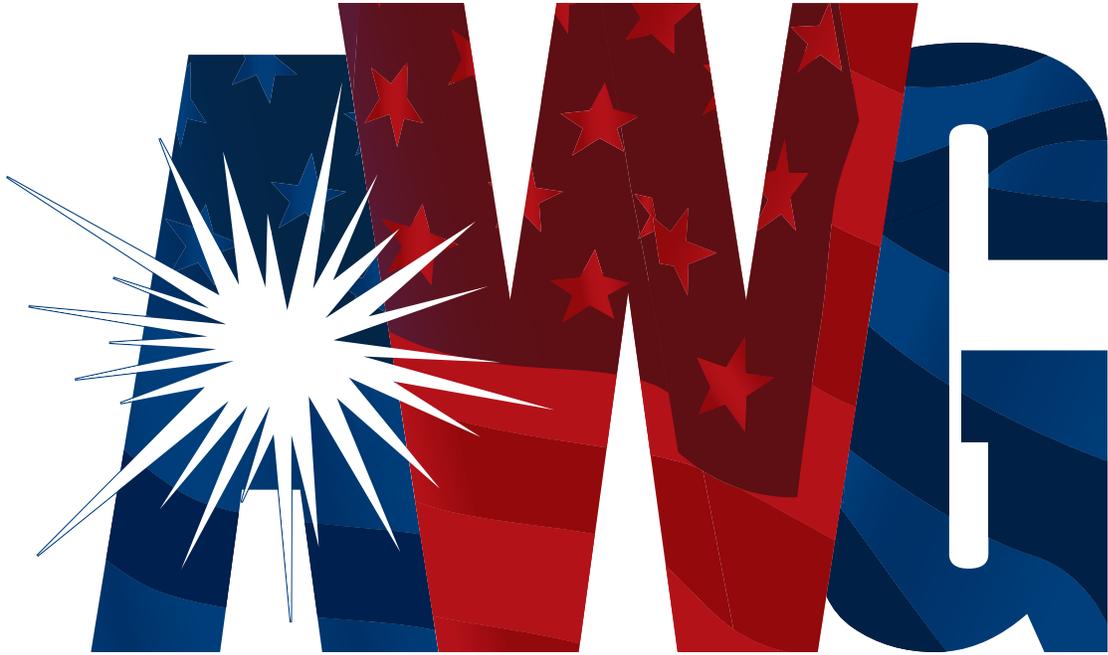


Available Tube Trailer Products

- Helium
- Hydrogen
- Nitrogen

Additional gas products can be supplied via Tube Trailers as required. Speak to an AWG representative about your needs.

Notes



Find a
LOCATION
.....*near you on*
www.awggases.com

