

# ADVANCED EQUIPMENT FOR HELIUM STORAGE AND TRANSPORT

Gardner Cryogenics is a world leader in the storage and transport of liquid helium. Our helium containers allow for extensive road and ocean transport, as well as stationary storage.



Available in capacities of 3,785 L (1,000 gal) to 56,781 L (15,000 gal) for transport, the largest in the world for highway use, and 12,870 L (3,400 gal) to 128,000 L (33,818 gal) for storage, with larger or smaller units available on special order, Gardner tanks provide solutions for helium needs around the globe.

The most prominent of Gardner's transport vessels is the 41,640 L (11,000 gal) UN Portable tank in 40 ft ISO frame, the most economical and widely used containerized liquid helium tank in the world.

The containers also comply with a multitude of international codes and standards, including ASME, DOT, UN Portable, CSC, IMDG, ADR, and European Standards. Like our other equipment, the containers are ruggedly built and perform effectively in a wide range of environmental conditions.



**GARDNER  
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## HIGHLIGHTS

- Over 97% of the world's liquid helium is transported in UN Portable tanks (40 ft ISO UN Portable tank in 40 ft ISO frame [DOT]) and semitrailers designed and manufactured by Gardner.
- Gardner is the world's leading supplier for large liquid helium storage vessels used during commercial helium production and at distribution facilities and large research laboratories that use large quantities of helium.
- 99.8% of 41,640 L (11,000 gal) UN Portable tanks that Gardner manufactured, dating back to 1973, are still in service and assure reliable performance under the harshest conditions.
- Gardner introduced the first 11,000-gallon tank container, semitrailer, 45-day tank container, portable customer station, and double-shielded tank container for helium.

## PRIMARY PRODUCTS

- Up to 18,927 L (5,000 gal) customer station/UN Portable tanks in 20 ft ISO frame
- 41,640 L (11,000 gal) UN Portable tanks in 40 ft ISO frame with various pressures and configurations
- Semitrailers
- Storage tanks
- Custom liquid helium transfer lines
- Helium purifier

## INDUSTRIES WE SERVE

Helium has many uses in both technology and medical applications including respiratory treatments, cooling MRI magnets, fiber optic cable manufacturing, and semiconductor chip production. And demand for helium continues to grow. Ensuring that helium is not lost in transport is crucial and Gardner provides customers with industry-leading technology that enables them to cost-effectively move and store these molecules with near-zero loss.

## TAKE THE NEXT STEP

You can get more information about our worldwide helium storage and transport capabilities—and tell us *your* needs—by calling 610-266-3700. We'd like to put our technical artistry to work for you.

[gardnercryo.com](http://gardnercryo.com)



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