

Liquid Helium Dewar Supply

Whether you use helium supplied in liquid dewars for superconductivity, nuclear magnetic resonance, or any other application, you can't afford unplanned downtime due to unreliable cryogen supply.

That's why you should consider Air Products for your helium supply. During more than 50 years in business, we've become the world's largest supplier of gaseous and liquid helium. We've secured access to more helium supply capacity than any other gas company in the world. And we've developed a distribution network to provide delivery when, where, and how you need it.

Dewar Supply for Every Need

Air Products owns, maintains, and transports more than 2,600 dewars in 60-, 100-, 250-, and 500-liter sizes. All are ruggedly constructed and superinsulated to reduce boil-off. Our 250- and 500-liter sizes are mounted on bases with casters for greater stability and maneuverability. Nonmagnetic construction provides compatibility with MRI and other magnetic environments. Each dewar is labeled with information on safe handling of product and vessel storage.

Our North American supply network includes over 13 liquid helium transfill facilities strategically located throughout the U.S. and Canada. Furthermore, dewar deliveries are dispatched from over 70 local transfill stocking locations. That means, no matter where you are, it's likely we are nearby. If you are in our service areas, we can deliver and pick up dewars in our privately owned trucks, saving you common carrier charges and reducing the risk of dewar damage during transport.

Centralized Tracking to Provide On-Time Delivery

Air Products tracks its dewars at a computerized central logistics center. Dedicated to servicing helium customers, the center maintains continual control of production and delivery, helping us anticipate your needs and maintain dependable delivery schedules around the clock.

Full-Service Cryogenic Supply

In addition to helium, you can also rely on Air Products for all your liquid nitrogen needs for precooling, as well as a comprehensive line of industrial gases and specialized high-purity regulators and cryogenic liquid transfer hoses.



Air Products supplies helium to and services more MRIs than anyone else, with a remarkable 99.994% uptime record.

Nominal Liquid Helium Dewar Weights

Size (liters)	Empty Weight (pounds)	Full Weight (pounds)
60	190	209
100	210	237
250	375/440	445/510
500	500/645	640/785

Helium Sourcing and Transfills

No matter where you're located, there is an Air Products dewar stocking location nearby to provide prompt delivery.



Experience You Can Count On

Air Products has worked closely with the U.S. Bureau of Mines since the 1950s, when the Bureau implemented the helium conservation program. Air Products was selected to design and fabricate the cryogenic equipment required to extract helium from natural gas. Since then, we've maintained a close working relationship with the Bureau of Mines and have developed a complete understanding of all regulations regarding helium supply.

Today, we supply equipment for most of the world's helium recovery plants, manufacture most of the helium containers and over-the-road tankers in use (through our Gardner Cryogenics unit), and supply more than two-thirds of the MRI units worldwide. And though we service more MRIs than anyone else, we have a remarkable 99.994% uptime record.

We also maintain a dedicated staff of technical specialists to help you with related handling, storage, and usage questions. They can be reached at **1-800-848-3205**.

How to Learn More

For more information about our liquid helium dewar supply or any of our cryogenic services, contact Air Products at the address below.

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