

Return Airgas cylinders and dewars

- Airgas charges **monthly** rental fees for all Airgas cylinders and dewars on campus.
- **Monthly rental fees add up and quickly exceed the cost of the original product.**
- 1,000+ cylinders have been on campus for more than 5 years, costing DLCIs hundreds of dollars over the initial purchase price.
- MIT is transitioning from Airgas to Linde on July 1, 2023. Returning cylinders before that date will be easier.
- Linde does not charge monthly rental fees for cylinders or dewars.

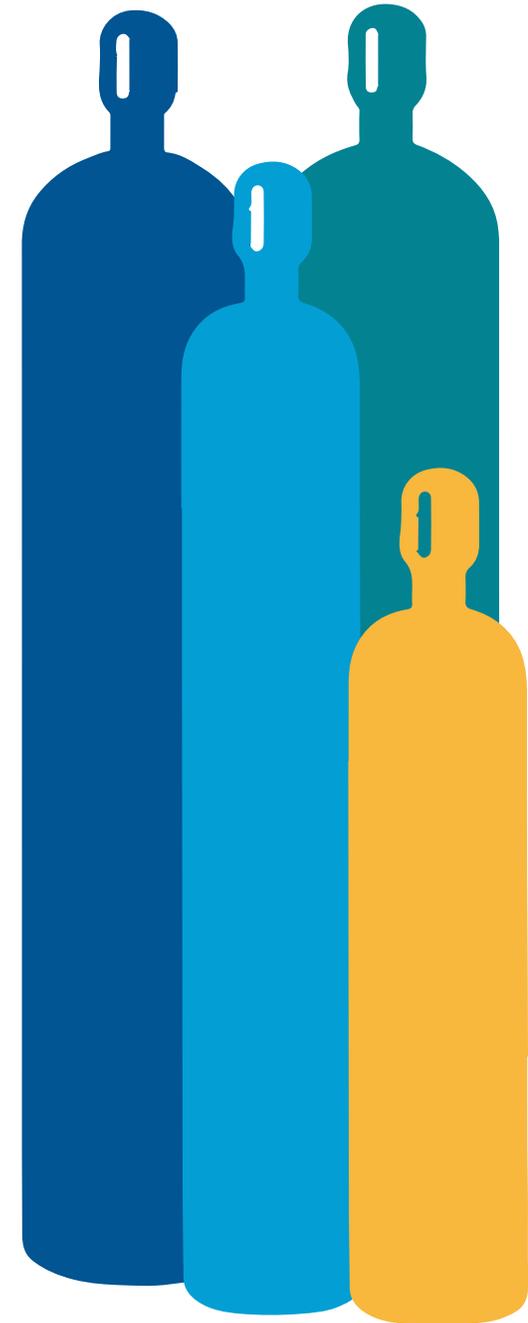


Cost of retaining Airgas cylinders and dewars

Airgas Product	Initial Cost	Monthly Cylinder Rental Cost	Time Until Monthly Rental cost Exceeds Initial Product Cost
Industrial Grade Argon	\$36.62	\$3.51	11 Months
Industrial Grade Carbon Dioxide	\$14.20	\$3.51	5 Months
Industrial Grade Helium	\$140.45	\$3.51	40 Months
Industrial Grade Nitrogen	\$9.52	\$3.51	3 Months
Industrial Grade Oxygen	\$16.43	\$3.51	5 Months
Liquid Nitrogen	\$63.41	\$56.43	2 Months

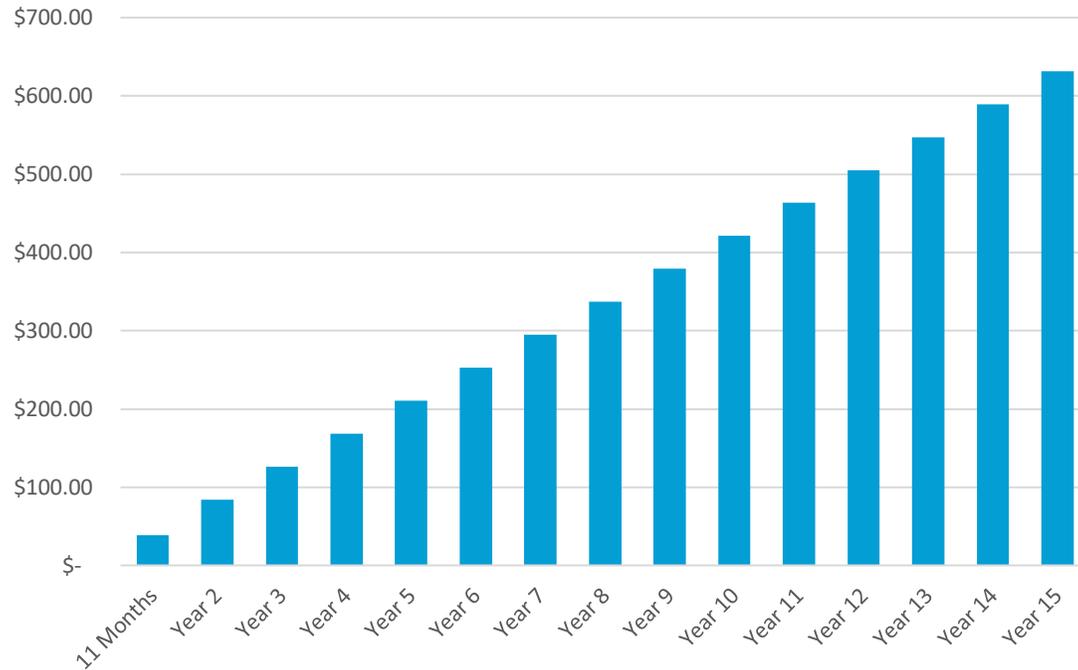
If your cylinder has been on site for more than one year, it is more cost-effective to return it *even if it is not completely empty*.

Out of **6,5000** cylinders located on campus, **1,000** have been on campus for three to five years and **1,000** have been on campus for five years or more.



Cost of retaining Airgas cylinders and dewars over time

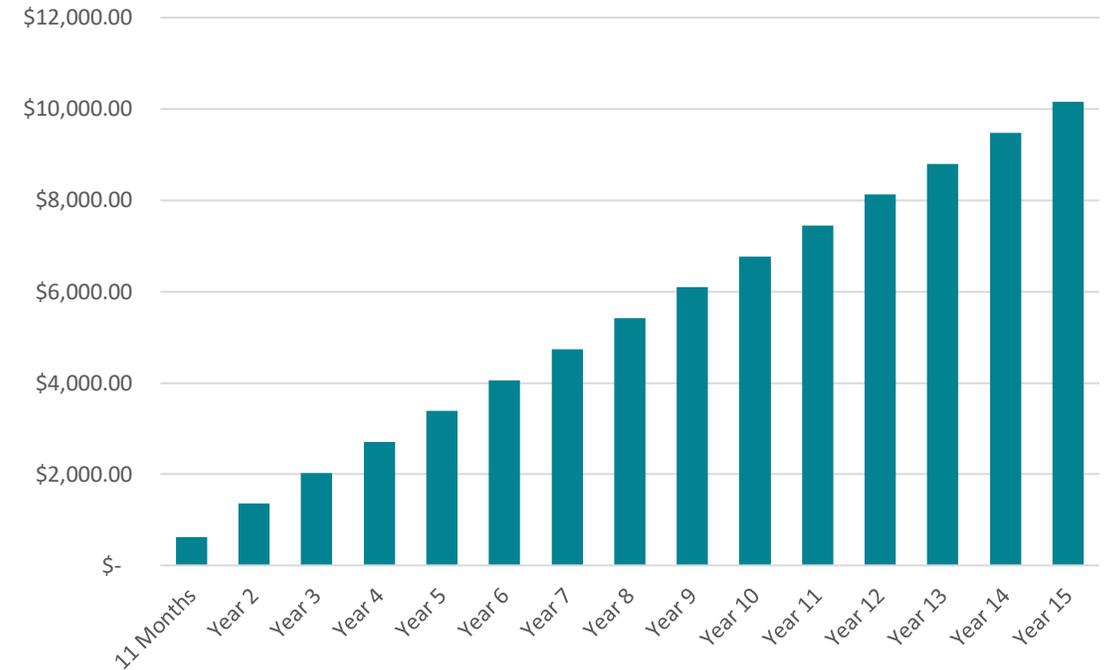
Annual Rental Cost for Industrial Grade Nitrogen Cylinder



Industrial Grade Nitrogen has an initial cost of **\$9.52**.
Retaining this cylinder for:

- 1 year costs DLCs **\$38.61**
- 5 years costs DLCs **\$210.60**
- 10 years costs DLCs **\$421.20**

Annual Rental Cost for Liquid Nitrogen Dewar



Liquid Nitrogen has an initial cost of **\$63.41**.
Retaining this dewar for:

- 1 year costs DLCs **\$620.73**
- 5 years costs DLCs **\$3,385.80**
- 10 years costs DLCs **\$6,771.60**

Next Steps

- Review your inventory now and return empty or unused Airgas cylinders or dewars to avoid paying monthly fees.
- Use Buy-to-Pay (B2P) before July 1 for easy, efficient returns
- After July 1, make returns directly through the Airgas website
- Consider the cost benefits of purchasing new product through Linde (after July 1) to avoid future monthly cylinder rental fees.
- Contact VPF's Jim Bagley for more information about transitioning to Linde and its all-in pricing model.
- Learn more at <https://vpf.mit.edu/linde>

