

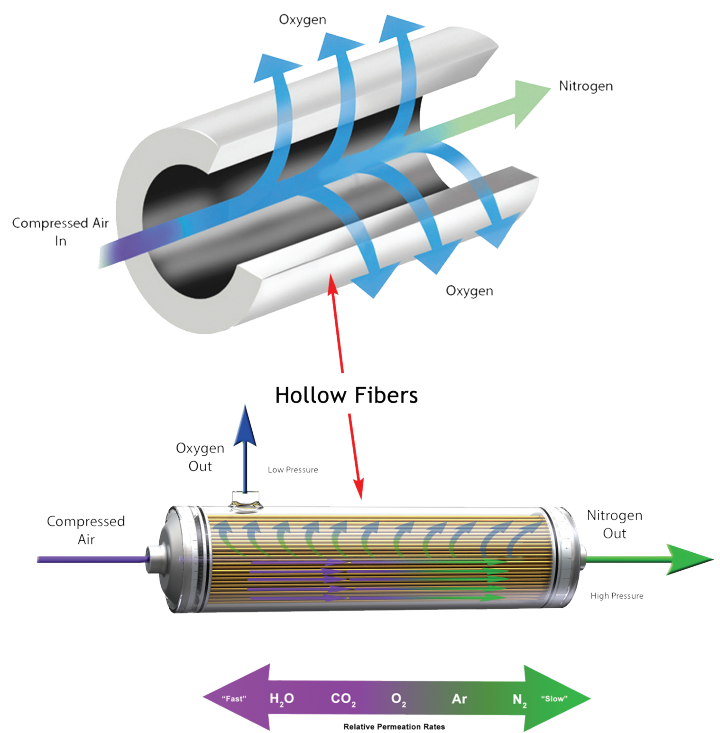
# Portable, Lightweight Membrane Nitrogen Systems

by NiGen International, LLC



## FEATURES

- 99.9%-95.0% Nitrogen Purity
- Continuous Nitrogen Supply
- High Efficiency Membrane Fiber Technology
- Integrated Manifold & Silencer
- PLC Controller with a UPS & Battery Backup
- Highly reliable performance
- Rated for offshore use



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NiGen Membrane separators generate nitrogen gas onsite. Each membrane separator contains thousands of asymmetric hollow fibers that act as a molecular filter. When

high-pressure gas mixtures enter the separator, the gas components divide as a result of selective permeation. Fast gases (such as oxygen) permeate easily through the membrane wall and exit the

side port. Slow gases (such as nitrogen) have a difficult time passing through the membrane wall and travel the bore of the fiber exiting through the port at the end of the shell.