

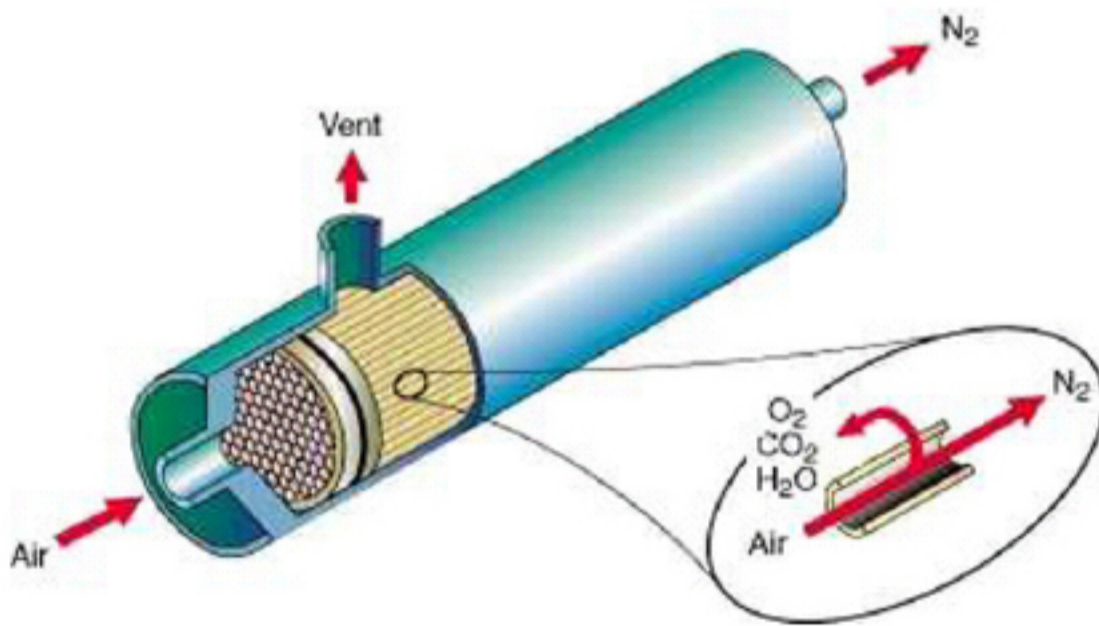
## Nitrogen Generator

Cost Effective • Made in USA

**TUFF** Nitrogen Generators are built from the highest quality materials, and are very cost effective.

### How it Works:

Outside air contains 78% nitrogen, 21% oxygen and 1% other gases. Tuff's TA-N16 simply provides a way to separate the majority of the oxygen from this mixture, in a cost effective method.



### Benefits of a Tuff Nitrogen Generator

- Allows CA operators to hold Oxygen levels down to ULO limits.
- On demand N2
- Tuneable N2 purity.
- No moving parts.
- Minimal maintenance requirements
- Modular design to allow expansion with minimal cost

### Nitrogen gas has a variety of applications

- Serving as an inert replacement for air where oxidation is undesirable
- To preserve the freshness of packaged or bulk foods (by delaying rancidity and other forms of oxidative damage)
- On top of liquid explosives for safety
- The production of electronic parts such as transistors, diodes, and integrated circuits
- Dried and pressurized, as a dielectric gas for high voltage equipment
- The manufacture of stainless steel
- Use in military aircraft fuel systems to reduce fire hazard
- Filling automotive and aircraft tires due to its inertness and lack of moisture or oxidative qualities, as opposed

#### Other Tuff Products Available:

- Water Meters
- Pressure Reliefs
- Service
- Specialty Equipment
- Nitrogen Generators, PSA and Membrane
- Gas Analyzers, O2, CO2, Ammonia
- CA controllers (Atmosphere and Temperature)
- Installation

