

# Advantages of XITE nitrogen generators



The advantages of XITE nitrogen generators

- Reduced operating costs by generating nitrogen from available air on site
- Specialized system energy efficiency through air to nitrogen utilization
- Nitrogen purity to meet your requirements
- Sustainable operation with minimal waste
- Avoids safety and footprint issues associated with traditional nitrogen storage

Built-in safety

XITE PSA nitrogen generators are pre-assembled and factory tested for modular installation.

- High quality CMS media extends product life and reduces total cost of ownership
- Long-life valves control gas flow with fast, precise switching for increased durability and efficiency
- Control devices optimize set points and provide system protection
- ASME-certified pressure vessels
- Extended warranty provides 24/30 months of protection

#### Industries / Applications

Nitrogen is used in production processes in industries such as food and beverage, electronics, petrochemicals, pharmaceuticals and metals. Nitrogen is readily available in the air we breathe and is one of the most readily available and economical inert gases. When used in industrial processes, nitrogen can help avoid combustion, corrosion and product spoilage.

Nitrogen plays an important role in the food and beverage industry. Nitrogen allows for efficient and economical preservation for the transportation and storage of food and beverage products.

Compressed air is filtered through a membrane to produce nitrogen. Nitrogen is then used in place of oxygen during the food packaging process to maintain freshness and to dry glass bottles prior to filling. Nitrogen generators reduce operating costs and simplify food and beverage operations.

