

# Gas Generation Solutions

## CANNA PURGE N<sub>2</sub><sup>TM</sup>

## NITROGEN GENERATORS

Purity, Pressure, Flow, Savings, Solutions.

### Introducing The **Canna Purge N<sub>2</sub><sup>TM</sup>**

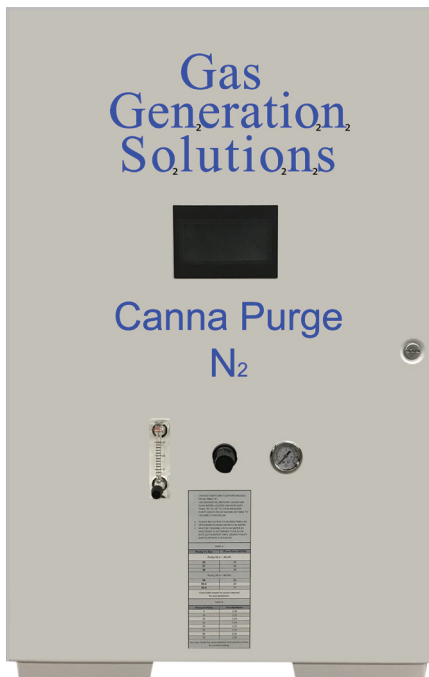
A complete nitrogen gas generator furnished in a metal cabinet with tank. Turn Key system.

#### System includes:

- ◆ Air Compressor
- ◆ Filters
- ◆ Sieve Beds
- ◆ HMI
- ◆ Oxygen Analyzer
- ◆ Flow Meter
- ◆ 30 Gallon Buffer Tank
- ◆ Pressure Transducer
- ◆ Auto Switch over to Backup
- ◆ 10 Feet of tubing

#### Specification:

- ◆ Cabinet is wall mountable
- ◆ 30 Gallon stand along tank for oven purging
- ◆ Cabinet Dimensions: 37" H x 25" W x 10" D
- ◆ Weight 135 Lbs
- ◆ Less than 65 dB(A)
- ◆ 0-70 PSIG output pressure (adjustable)
- ◆ Single Phase 110V / 60Hz, 1,000 Watts
- ◆ Flow Rates 17 to 50 SCFH
- ◆ Purity Levels 95% to 99.8%



**CONVENIENT ~ SAFE**  
**ECONOMICAL ~ RELIABLE**  
**FLEXIBLE ~ RAPID ROI**  
**MADE IN THE USA**

#### SAMPLE APPLICATIONS

Vacuum Ovens  
Rotary Evaporators  
Reactors  
Packaging  
Product Storage

[www.GasGenerationSolutions.com](http://www.GasGenerationSolutions.com)

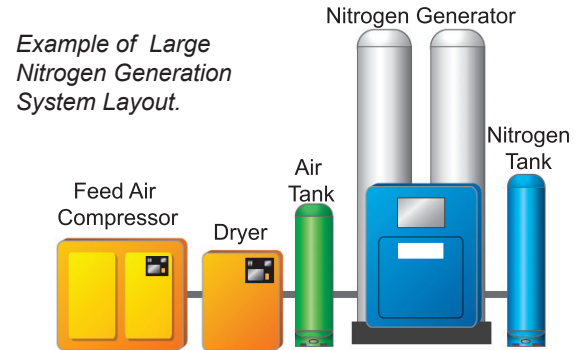
# Gas Generation Solutions

CANNA PURGE N<sub>2</sub>™

## NITROGEN GENERATORS

### HOW IT WORKS:

Compressed air enters one of two sieve beds (filled with carbon molecular sieve-CMS). While the smaller oxygen molecules are adsorbed by the CMS, the larger nitrogen molecules pass through and are stored. Upon saturation, the first sieve bed releases the oxygen, while the second sieve bed starts the process over again.



## FEATURES AND BENEFITS

### Convenient:

Easy to install and maintain with an unlimited supply of nitrogen.

### Touch Screen Control:

Precision system control for purity level, trouble shooting diagnostics, maintenance schedules and operation diagrams.

### Cost Savings:

Produce your own gaseous nitrogen for a fraction of purchasing cylinders, dewars or bulk gas. No more delivery drivers showing up at your facility.

### Small Footprint:

Wall mountable at 135 lbs and less than 65 dB(A). Independent 30 gallon tank can be installed in a separate room near vacuum ovens, extraction equipment, or packaging lines.

### Fast Payback:

Systems average less than 18-month ROI. No delivery fees, tank rental, long term contracts or price increases.

### Low Operating Cost:

Low air-to-nitrogen ratio and limited maintenance.

### Expandable:

Add multiple units as modules or opt for one larger unit depending on your facility needs.

### Fully Automatic:

Nitrogen production begins when downstream demand is sensed. No user interface required.

### Reliable:

Systems operating since 1987 worldwide. Manufactured in the USA.