

# NGP-500 Nitrogen Generators

General Air Products Nitrogen Generators are specifically designed to provide on-site, high purity nitrogen for use in dry and pre-action fire sprinkler systems. Utilizing a simple, turn-key design ready to be connected to a new or existing fire sprinkler system. Each Nitrogen Generator includes an integrated fire protection air compressor specifically designed to fill the sprinkler system to supervisory pressure within 30 minutes per NFPA 13. General Air Products Nitrogen Generators provide a reliable and efficient method of producing a minimum of 98% nitrogen at the point of usage which will inhibit corrosion and improve the life of the sprinkler system.



- Turn-key Design for Easy Installation
- Premium Nitrogen Membrane Technology
- 98%+ Nitrogen Purity Standard
- PLC Controller for Data Recording & Simplified Operation
- Bypass & Leak Detection Alarms
- Contacts for Tie-in to Building Monitoring System
- **Lifetime Customer Service & Technical Support**

## Included With Every NGP-Series Nitrogen Generator:



**Fire Protection  
Air Compressor**



**Portable  
N2 Analyzer**



**30" Stainless  
Steel Flex Hose**



**Vibration  
Isolation Pads**

| Maintenance Capacity (gal) @ 40 PSI | Model Number | Fill Capacity (gal) |          | Compressor |    | Electrical Specifications |        |       |      | N2 Tank (gal) | Air Tank (gal) | Unit Weight (lbs) |
|-------------------------------------|--------------|---------------------|----------|------------|----|---------------------------|--------|-------|------|---------------|----------------|-------------------|
|                                     |              | @ 40 PSI            | @ 20 PSI | Type       | HP | Hz                        | Phase  | Volts | Amps |               |                |                   |
| 1275                                | NGP-500D-1A  | 500                 | 950      | Oil-Less   | 1  | 60                        | Single | 115   | 18   | 20            | 30             | 400               |
| 1275                                | NGP-500D-2A  | 500                 | 950      | Oil-Less   | 1  | 60                        | Single | 208   | 7.7  | 20            | 30             | 400               |
| 1275                                | NGP-500D-3A  | 500                 | 950      | Oil-Less   | 1  | 60                        | Single | 230   | 9.0  | 20            | 30             | 400               |
| 1275                                | NGP-500D-2B  | 500                 | 950      | Oil-Less   | 1  | 60                        | Three  | 208   | 4.5  | 20            | 30             | 400               |
| 1275                                | NGP-500D-3B  | 500                 | 950      | Oil-Less   | 1  | 60                        | Three  | 230   | 4.4  | 20            | 30             | 400               |
| 1275                                | NGP-500D-4B  | 500                 | 950      | Oil-Less   | 1  | 60                        | Three  | 460   | 2.2  | 20            | 30             | 400               |

 WARNING: Cancer and Reproductive Harm - [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

## Nitrogen Generator System Accessories:



### Air Maintenance Device (AMD-1)

Required to regulate the volume of air being delivered to the sprinkler system. General Air Products Air Maintenance Devices are UL listed & FM approved.



### Purge Vent / Sampling Port (NGP-PV-1)

Provides a simple and reliable way to purge oxygen from the sprinkler system during the nitrogen fill process and monitor the nitrogen purity throughout the entire fire sprinkler system.



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## for Dry Pipe & Pre-Action Fire Sprinkler Systems



### NGP-500 Nitrogen Generator Details

