



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-1B	500	950	Oil-Less	1	60	Three	208	4.5	20	30	400
1275	NGP-500D-2B	500	950	Oil-Less	1	60	Three	230	4.4	20	30	400
1275	NGP-500D-3B	500	950	Oil-Less	1	60	Three	460	2.2	20	30	400

WARNING: Cancer and Reproductive Harm - 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

