

Introducing General Air Products Newest Line of Fire Protection Nitrogen Generators which utilize Pressure Swing Adsorption (PSA) Technology.

What makes PSA Nitrogen Generators different than standard Membrane Generators?

One word: Efficiency. Taking ambient air from a Fire Protection Air Compressor up to 98% purity Nitrogen requires a lot of output from the compressor feeding it, and the restrictive flow of Nitrogen Membranes stress on units supporting leak-prone Fire Sprinkler Systems. Pressure Swing Adsorption technology uses a series of valves to control the flow into two nitrogen generating chambers, which makes the flow of high-purity N₂ into the Sprinkler System more efficient for the air compressor, and less taxing on the nitrogen generator as a whole.

PSA-Series Nitrogen Generators



Maintenance Capacity (gal) @ 40 PSI	Model Number	Fill Capacity (gal)		Compressor		Electrical Specifications				N ₂ Tank (gal)	Air Tank (gal)	Unit Weight (lbs)
		@ 40 PSI	@ 20 PSI	Type	HP	Hz	Phase	Volts	Amps			
16800	NGPSA-1000-2A	1100	2000	Oil-Less	2	60	Single	208	10.1	30	30	525
16800	NGPSA-1000-3A	1100	2000	Oil-Less	2	60	Single	230	10.1	30	30	525
16800	NGPSA-1000-2B	1100	2000	Oil-Less	2	60	Three	208	9.2	30	30	525
16800	NGPSA-1000-3B	1100	2000	Oil-Less	2	60	Three	230	9.2	30	30	525
16800	NGPSA-1000-4B	1100	2000	Oil-Less	2	60	Three	460	4.6	30	30	525
24300	NGPSA-1700-2B	1700	3200	Lubricated	5	60	Three	208	13.2	30	80	775
24300	NGPSA-1700-3B	1700	3200	Lubricated	5	60	Three	230	13.2	30	80	775
24300	NGPSA-1700-4B	1700	3200	Lubricated	5	60	Three	460	6.6	30	80	775
24300	NGPSA-2200-2B	2200	4200	Lubricated	7.5	60	Three	208	20.3	80	80	915
24300	NGPSA-2200-3B	2200	4200	Lubricated	7.5	60	Three	230	20.3	80	80	915
24300	NGPSA-2200-4B	2200	4200	Lubricated	7.5	60	Three	460	10.2	80	80	915

Features and Benefits

- Higher CFM Output
- More Efficient Operation & Higher N₂ Purity (>99%)
- Longer Lifespan & Lower Price Point
- Turn-key Design for Easy Installation
- Advanced Control Panel with LCD Display

Included With Every PSA Series Nitrogen Generator:



Fire Protection Air Compressor



Portable N₂ Analyzer



30" Stainless Steel Flex Hose



Vibration Isolation Pads

Nitrogen Generator System Accessories:

Air Maintenance Device



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

Automatic and Manual Purge Valves Available

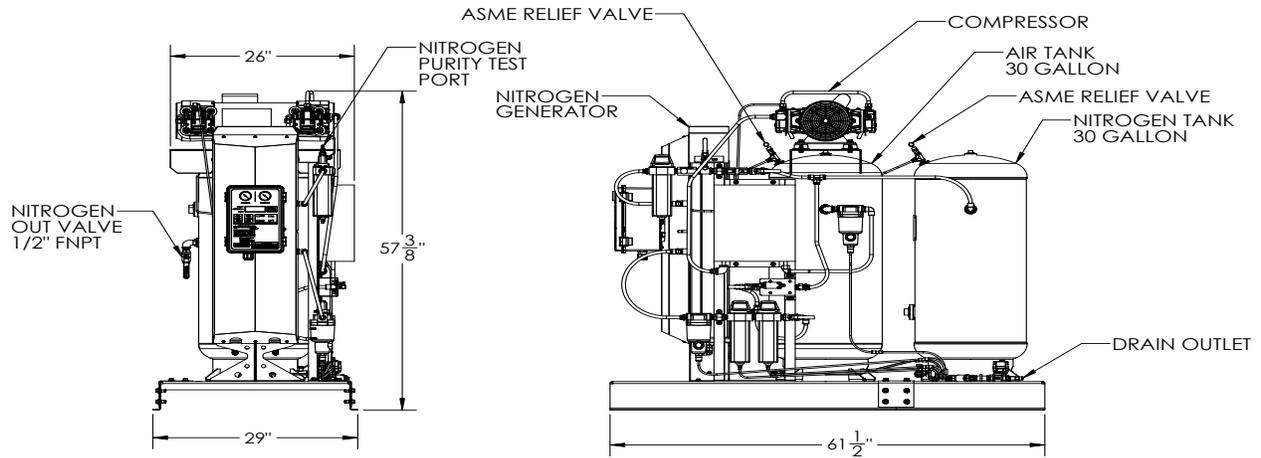


Provides a simple and reliable way to purge oxygen from the sprinkler system during the nitrogen fill process and monitor the nitrogen purity throughout the entire fire sprinkler system.

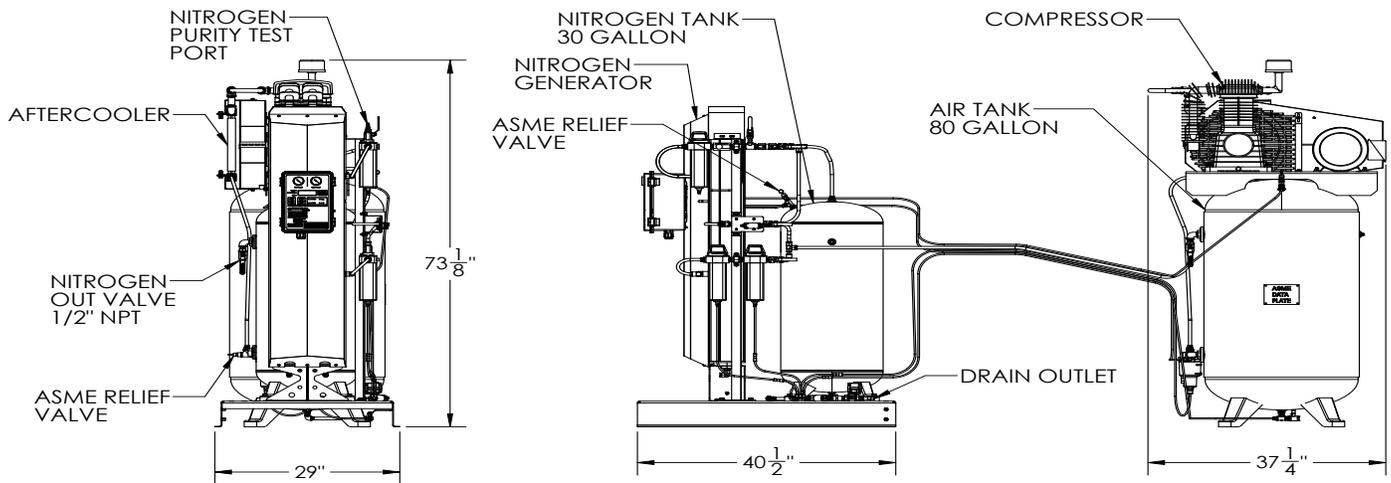
WARNING: Cancer and Reproductive Harm – www.p65warnings.ca.gov

PSA Series Nitrogen Generators

MODELS: NGPSA-1000



MODELS: NGPSA-1700



MODELS: NGPSA-2200

