

INTELLIGEN™ NITROGEN GENERATORS

FEATURES

- ✓ Potter's IntelliGen™ Controller (Patent Pending)
 - ▶ Fully automates the air and nitrogen fill procedure
 - ▶ Advanced leak rate detection
 - ▶ Integrated Bypass alarm
 - ▶ Web Enabled – system can be monitored anywhere there is internet connectivity
- ✓ Automatically emails trouble alerts and maintenance reminders
- ✓ Includes all air compressors, tanks, filters, relief valves, coolers, automatic drains, and gauges
- ✓ FM Approved per Approval Standard 1035, Nitrogen Generators



Potter's IntelliGen™ Series of Nitrogen Generators is the only line of smart nitrogen generators specifically designed for the fire sprinkler industry. Each nitrogen generator is built to generate on-site 98%+ purity nitrogen gas to slow corrosion and improve fire sprinkler system life. All systems include an integrated air compressor, nitrogen membrane, all air filtration equipment, tanks and the patent pending Potter IntelliGen™ Controller. Potter's IntelliGen™ Controller makes installation, maintenance, and operation of the nitrogen generator the easiest on the market. The built in monitoring capabilities can be viewed locally or online via the Potter IntelliView™ website.

Model Specifications

Model Number	Largest Riser Fill* (gal)	Max total system capacity** (gal)	Compressor HP	Compressor Type	Electrical Requirements	Air Tank (gal)	Nitrogen Tank (gal)
INS-500	500	1,850	1	Oil-less	12.2A @ 115-120V 1PH 60HZ (Quiet) 18A @ 115-120V 1PH 60HZ 9.0A @ 208-240V 1PH 60HZ 4.5A @ 208-240V 3PH 60HZ 2.2A @ 460-480V 3PH 60HZ	20	20
INS-1000	1,000	3,400	2	Oil-less	11.6A @ 208-240V 1PH 60HZ 9.2A @ 208-240V 3PH 60HZ 4.6A @ 460-480V 3PH 60HZ	20	20
INS-1500	2,000	6,200	7.5	Lubricated	26.8A @ 200-208V 3PH 60HZ*** 22.3A @ 230-240V 3PH 60HZ*** 11.1A @ 460-480V 3PH 60HZ***	80	60
INS-2000	2,400	12,000	7.5	Lubricated	26.8A @ 200-208V 3PH 60HZ*** 22.3A @ 230-240V 3PH 60HZ*** 11.1A @ 460-480V 3PH 60HZ***	80	60

*At 40 PSI

** Assuming new system leak rate of 1.5 PSI per 24 hours

*** Requires two (2) 120V connections for nitrogen cabinet and air tank blow-down solenoid

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Integrated Units (1 Pallet)



Model Number	Nitrogen Generator Dimensions (HxWxD)	Nitrogen Generator Weight (Lbs)	Shipping Weight (Lbs)
INS-500	54" x 42" x 32"	400	500
INS-1000	54" x 42" x 32"	450	550

Modular Units (3 Pallets)



Model Number	Nitrogen Cabinet Dimensions (HxWxD)	Nitrogen Tank Dimensions (HxØ)	Tank Mounted Air Compressor Dimensions (HxWxD)	Nitrogen Cabinet Weight (Lbs)	Nitrogen Tank Weight (Lbs)	Tank Mounted Air Compressor Weight (Lbs)	Total Shipping Weight (Lbs)
INS-1500	70" x 31" x 13"	53" x 20"	74" x 37" x 24"	210	155	650	1300
INS-2000	70" x 31" x 13"	53" x 20"	74" x 37" x 24"	210	155	650	1300

Nitrogen Generator Accessories



INS-PV
IntelliPurge® Nitrogen Purge Valve



INS-RA
IntelliPurge® Remote Annunciator



NGP-SPV
Potter Purge Valve



Replacement Filters
Annual Maintenance Kit



PNA
Portable Nitrogen Analyzer



PS-TM Series
Preassembled Test Module



View more information about the Potter IntelliGen™ Nitrogen Generators.
Visit: pttr.us/INS