

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



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	Air Tank (gal)	Nitrogen Tank (gal)
INS-100	160	675	1/4	Oil-less	N/A	10
INS-250	300	1,000	1/2	Oil-less	N/A	10
INS-500	500	1,850	1	Oil-less	20	20
INS-1000	1,000	3,400	2	Oil-less	20	20
INS-1500	2,000	6,200	7.5	Lubricated	80	60
INS-2000	2,400	12,000	7.5	Lubricated	80	60
INS-2500	2,400	24,000	7.5	Lubricated	80	120

*At 40 PSI

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

INTELLIGEN™ NITROGEN GENERATORS



Wall Mount Units (1 Pallet)



Model Number	Nitrogen Cabinet Dimensions (HxWxD)	Nitrogen Cabinet Weight (Lbs)	Nitrogen Tank Dimensions (HxWxD)	Nitrogen Tank Weight (Lbs)	Shipping Weight (Lbs)
INS-100	36" x 26" x 12"	130	36" x 18" x 10"	50	250
INS-250	36" x 26" x 12"	130	36" x 18" x 10"	50	250

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"	400	200	600	1300
INS-2000	70" x 31" x 13"	53" x 20"	74" x 37" x 24"	400	200	600	1300
INS-2500	70" x 31" x 13"	78" x 24"	74" x 37" x 24"	400	350	600	1450

Nitrogen Generator Accessories



IntelliPurge® Nitrogen Purge Valve
INS-PV



Self-Purging Valve Kit
NGP-SPV



Replacement Filters
Annual Maintenance Kit



Fill out a nitrogen generator project form to find your ideal nitrogen solution.
Visit: ptrr.us/INS-sizing



Download the Potter IntelliGen Engineering Submittal Packet.
Visit: ptrr.us/INS-submittal



Watch the Potter IntelliGen Nitrogen Generator installation video.
Visit: ptrr.us/INS-overview