

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 connected system can be monitored remotely
- ✓ Emails trouble alerts and maintenance reminders
- ✓ Includes all air compressors, tanks, filters, automatic drains, and gauges



Wall Mount Units (1 Pallet)

Model Specifications

Model Number	Largest Riser Fill* (gal)	Max total system capacity** (gal)	Compressor	Electrical Requirements	Air Tank / Nitrogen Tank (gal)
INS-100	160	675	1/4 Oil-less	2.8A @ 100-120V 1PH 1.4A @ 200-240V 1PH	N/A / 10
INS-250	300	1,000	1/2 Oil-less	5.7A @ 115-120V 1PH 2.8A @ 230-240V 1PH	N/A / 10
INS-600	525	2,350	Twin 1/2 HP Oil-less	11.4A @ 115-120V 1PH 60HZ 5.6A @ 230-240V 1PH 60HZ	N/A / 20

Weights & Dimensions



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
INS-600	47" x 31" x 15"	180	24" x 36" x 14"	80	400

*At 40 PSI

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

Ready to quote? Here's what we need:

- 1 Largest riser size (gal)
- 2 Number of risers
- 3 Total capacity (gal)
- 4 Supervisory pressure

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



Integrated Units (1 Pallet)

Model Specifications

Model Number	Largest Riser Fill* (gal)	Max total system capacity** (gal)	Compressor	Electrical Requirements	Air / Nitrogen Tank (gal)
INS-500	500	1,850	1 HP Oil-less	10.4A @ 115V 1PH 5.2A @ 230V 1PH	20
INS-1000	1,000	3,400	2 HP Oil-less	12A @ 230V 1PH 6.6A @ 230V 3PH 3.8A @ 460V 3PH	20

Weights & Dimensions



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 Specifications

Model Number	Largest Riser Fill* (gal)	Max total system capacity** (gal)	Compressor	Electrical Requirements	Air / Nitrogen Tank (gal)
INS-1500	2,000	6,200	7.5 HP Lubricated	26.8A @ 200-208V 3PH 22.3A @ 230-240V 3PH 11.1A @ 460-480V 3PH	80 / 60
INS-2000	2,400	12,000	7.5 HP Lubricated	26.8A @ 200-208V 3PH 22.3A @ 230-240V 3PH 11.1A @ 460-480V 3PH	80 / 60
INS-2500	2,400	24,000	7.5 HP Lubricated	26.8A @ 200-208V 3PH 22.3A @ 230-240V 3PH 11.1A @ 460-480V 3PH	80 / 120

[†]Requires two (2) 120V connections for nitrogen cabinet and air tank blow-down solenoid.

Weights & Dimensions



Model Number	Nitrogen Cabinet Dimensions (HxWxD)	Nitrogen Tank Dimensions (HxØ)	Air Compressor Dimensions (HxWxD)	Nitrogen Cabinet Weight (Lbs)	Nitrogen Tank Weight (Lbs)	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

*At 40 PSI

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

Nitrogen Generator Accessories



IntelliPurge[®] Nitrogen Purge Valve
INS-PV



Self-Purging Valve Kit
NGP-SPV



Advanced Air Maintenance Device
AAMD



Lever Type Bleeder Valve
BVL



Replacement Filters
Filter Kit