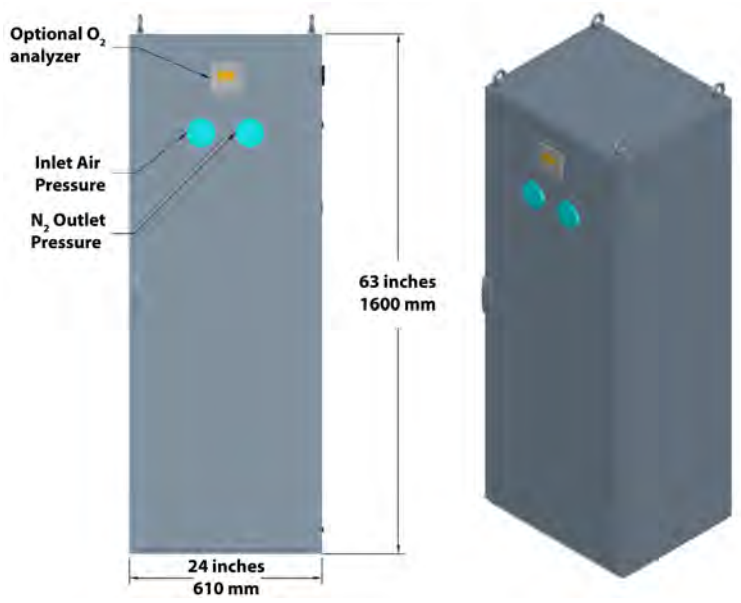

Reduce Costs, Increase Profits!

Using an in-house nitrogen generator to supply your nitrogen gas demand is the easiest way to reduce nitrogen related costs, and thus increase profits.

The Spirit™ system is a membrane based nitrogen generator designed with flexibility in mind for growing companies. Completely self-contained, the base model includes all filtration needed even with an oil-flooded compressor.

Controls are manual, but options are available to automate start and stop and continuous display of purity.

Major Features:

- **Electricity not required on base models**
- **Low to Moderate capacities**
- **Manual control standard (options available)**
- **Fits through standard 36" door**
- **Connect compressed air and go!**

All models installed in NEMA-12 cabinet (top left). Production and air:nitrogen ratio for HSS-30 at 77°F ambient is below. Use correction factors for larger systems.

Production Correction factors	
HSS-30	x1
HSS-60	x2
HSS-90	x3

NITROGEN PRODUCT FLOWRATE (SCFH)						
INLET PRESSURE (psig)	99.5%	99%	98%	97%	96%	95%
70	118	160	233	301	367	434
80	147	199	289	371	453	535
90	177	238	345	441	538	637
100	206	277	401	511	623	739
110	236	315	457	581	708	841
120	265	354	513	652	793	943
130	295	393	569	722	879	1045
140	324	432	625	792	964	1146
150	354	471	681	862	1049	1248
160	383	509	736	932	1134	1350
170	413	548	792	1002	1219	1452
180	442	587	848	1072	1304	1554
190	472	626	904	1142	1390	1655
200	501	665	960	1213	1475	1757
210	531	703	1016	1283	1560	1859
220	560	742	1072	1353	1645	1961
230	590	781	1128	1423	1730	2063

FEED AIR TO NITROGEN RATIO (MULTIPLIER)						
INLET PRESSURE (psig)	99.5%	99%	98%	97%	96%	95%
70	4.90	4.00	3.10	2.60	2.50	2.20
80	4.80	3.90	3.00	2.60	2.40	2.20
90	4.70	3.80	3.00	2.60	2.40	2.20
100	4.60	3.80	3.00	2.50	2.40	2.10
110	4.50	3.70	2.90	2.50	2.30	2.10
120	4.40	3.60	2.90	2.50	2.30	2.10
130	4.30	3.60	2.80	2.50	2.30	2.10
140	4.20	3.50	2.80	2.50	2.20	2.10
150	4.20	3.40	2.80	2.50	2.20	2.10
160	4.10	3.40	2.70	2.50	2.20	2.10
170	4.00	3.40	2.70	2.40	2.20	2.00
180	4.00	3.30	2.70	2.40	2.20	2.00
190	4.00	3.30	2.70	2.40	2.20	2.00
200	3.90	3.30	2.70	2.40	2.10	2.00
210	3.90	3.30	2.70	2.40	2.10	2.00
220	3.90	3.30	2.70	2.40	2.10	2.00
230	3.90	3.30	2.70	2.40	2.10	2.00

18167 Edison Avenue, Unit I
Chesterfield, MO 63005 • Phone: 1-636-532-6613
Fax: 1-636-536-7863 • Email: sales@holtecllc.com
Website: www.holtecllc.com