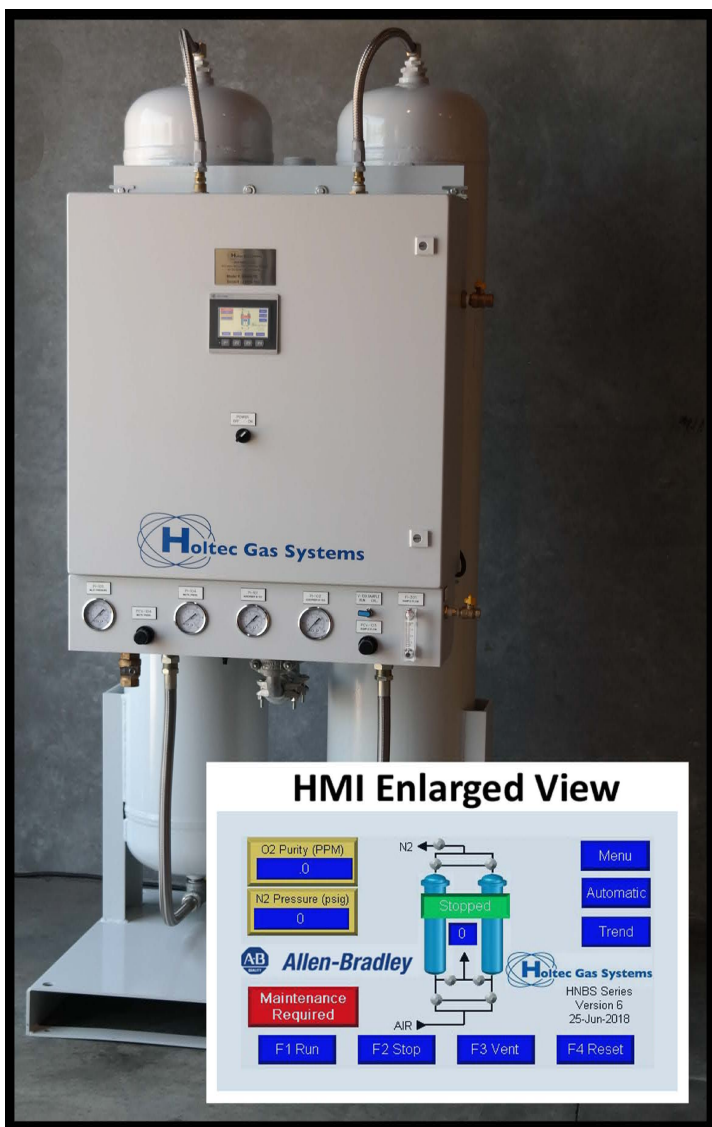


## Modular, Portable, "One-Touch" Operation



### 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 NitroBreeze™ System has been specifically designed to fit the needs of small-to-medium sized businesses in order to eliminate barriers related to footprint, cost, and limited experience. Critical components are protected from ambient dust and inadvertent tampering.

For most needs in this range, a model can be found which will fit through standard doors. With a small footprint, and One-Touch operation, installation and startup are a "Breeze"!

### Major Features:

- Nitrogen purity up to 99.9995%
- Low to Moderate capacities
- Installation is a breeze!
- Fits through standard 36" door
- Fully plug and play
- Easy "One-Touch" operation
- Password protected screens
- EnergyAssistant™ option available
- HoltecConnect Lite™ option available
- Includes Holtec Prevue™ technology

## 70 °F Performance (SCFM)

Model Number	95%	96%	97%	98%	99%	99.5%	99.9%	99.95%	99.99%	99.995%	99.999%
HNBS-25	11.2	10.2	9.3	7.8	6.3	5.5	4.1	3.6	2.7	2.3	1.7
HNBS-35	14.7	13.3	12.3	10.3	8.2	7.2	5.4	4.7	3.5	3.0	2.2
HNBS-45	21.6	19.5	17.9	15.0	12.0	10.6	7.9	6.9	5.1	4.5	3.3
HNBS-55	26.6	24.1	22.1	18.5	14.8	13.0	9.7	8.5	6.3	5.5	4.0
HNBS-70	32.9	29.8	27.4	22.9	18.3	16.1	12.0	10.5	7.8	6.8	5.0
HNBS-80	39.6	35.9	33.0	27.6	22.1	19.4	14.4	12.7	9.4	8.2	6.0
HNBS-100	46.4	42.1	38.7	32.3	25.9	22.8	16.9	14.9	11.1	9.6	7.1
HNBS-115	54.6	49.5	45.5	38.0	30.5	26.8	19.9	17.5	13.0	11.3	8.3
HNBS-130	60.6	55.0	50.5	42.2	33.8	29.7	22.1	19.4	14.4	12.5	9.2
HNBS-150	71.3	64.7	59.4	49.7	39.8	35.0	26.0	22.9	17.0	14.7	10.8
HNBS-175	83.3	75.5	69.4	58.0	46.5	40.8	30.3	26.7	19.8	17.2	12.7
HNBS-200	94.5	85.6	78.6	65.8	52.7	46.3	34.4	30.3	22.5	19.5	14.4
Air Factor	1.845	1.919	2.014	2.147	2.376	2.605	3.136	3.400	4.164	4.544	5.566

Performance and air factor listed is for ambient temperature 70 °F and inlet pressure 110 psig. Please consult Holtec for performance at other conditions. Air factor listed may vary by ±5%.



## 95°F Performance (SCFM)

Model Number	95%	96%	97%	98%	99%	99.5%	99.9%	99.95%	99.99%	99.995%	99.999%
HNBS-25	10.6	9.7	8.7	7.4	6.0	5.1	3.7	3.3	2.4	2.1	1.5
HNBS-35	13.9	12.8	11.4	9.8	7.8	6.7	4.9	4.3	3.1	2.7	2.0
HNBS-45	20.3	18.7	16.6	14.3	11.5	9.8	7.2	6.3	4.6	4.0	2.9
HNBS-55	25.0	23.1	20.5	17.6	14.2	12.1	8.9	7.8	5.7	5.0	3.6
HNBS-70	31.0	28.5	25.4	21.8	17.5	15.0	11.0	9.6	7.0	6.1	4.5
HNBS-80	37.3	34.4	30.6	26.3	21.1	18.1	13.2	11.6	8.5	7.4	5.4
HNBS-100	43.7	40.3	35.9	30.8	24.8	21.2	15.5	13.5	9.9	8.7	6.3
HNBS-115	51.4	47.4	42.2	36.2	29.1	24.9	18.2	15.9	11.7	10.2	7.5
HNBS-130	57.1	52.6	46.8	40.2	32.3	27.6	20.2	17.7	12.9	11.3	8.3
HNBS-150	67.1	61.9	55.1	47.3	38.0	32.5	23.8	20.8	15.2	13.3	9.7
HNBS-175	78.4	72.3	64.3	55.2	44.4	38.0	27.8	24.3	17.8	15.6	11.4
HNBS-200	88.9	82.0	73.0	62.6	50.4	43.1	31.5	27.6	20.2	17.6	12.9
Air Factor	2.003	2.085	2.191	2.340	2.594	2.848	3.439	3.778	4.709	5.179	6.456

Performance and air factor listed is for ambient temperature 95°F and inlet pressure 110 psig. Please consult Holtec for performance at other conditions. Air factor listed may vary by ±5%.

## Physical Characteristics

### Notes:

1 - Maximum N2 pressure is the product pressure that is safely achievable and would require compressed air pressure (at compressor exit) to be 25 psi higher.

2 - For specific applications, it is possible to purchase systems which can tolerate higher working pressure and it is also possible to reduce the pressure drop through the nitrogen generator to an amount lower than 25 psi. Please contact the factory for specifics related to your application.

Model Number	Max N2 Pressure (psig)	Inlet Connection	Outlet Connection	L (in.)	W (in.)	H (in.)	Weight (lb)
HNBS-25	125	3/4"	1/2"	35	26	80	702
HNBS-35	125	3/4"	1/2"	35	26	101	738
HNBS-45	125	3/4"	1/2"	35	26	80	866
HNBS-55	125	3/4"	1/2"	35	26	97	998
HNBS-70	125	1"	3/4"	35	30	80	1060
HNBS-80	125	1"	3/4"	35	30	101	1194
HNBS-100	125	1"	3/4"	35	30	80	1292
HNBS-115	125	1"	3/4"	35	30	91	1443
HNBS-130	125	1"	3/4"	35	37	85	1500
HNBS-150	125	1 1/2"	1"	35	37	96	1630
HNBS-175	125	1 1/2"	1"	35	39	85	1850
HNBS-200	125	1 1/2"	1"	35	39	99	2025

## Typical Flow Diagram with Lubricated Screw Compressors

