

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 CompactBreeze™ 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. All components are protected from ambient dust and inadvertent tampering.

All models in this range are conveniently packaged in a cabinet that can easily fit through any standard door. With a small footprint, and One-Touch operation, installation and startup are a "Breeze"!

Major Features:

- Nitrogen purity up to 99.999%
- Perfect for lab applications and other low flow needs
- Installation is a breeze!
- Fits easily through any man-door
- Fully plug and play
- Easy "One-Touch" operation
- Password protected screens

70 °F Performance (SCFH)

Model Number	95%	96%	97%	98%	99%	99.5%	99.9%	99.99%	99.999%
HCBS-2.5S	77.0	68.2	60.0	51.5	42.1	36.8	26.8	17.1	11.6
HCBS-4S	123	109	96	82.4	67.4	58.9	42.9	27.3	18.6
HCBS-6S	185	164	144	124	101	88	64.3	41.0	27.8
HCBS-9S	277	246	216	185	152	132	96	61.4	41.8
HCBS-13S	400	355	312	268	219	191	139	89	60.3
HCBS-17S	523	464	408	350	287	250	182	116	79
HCBS-24S	726	644	566	486	398	347	253	161	110

Performance listed is for ambient temperature 70° F and inlet pressure 110 psig. Please consult Holtec for performance at other conditions. Maximum operating pressure is 200 psig.

*Typical pressure drop is 25 psi.



95°F Performance (SCFH)

Model Number	95%	96%	97%	98%	99%	99.5%	99.9%	99.99%	99.999%
HCBS-2.5S	71.6	63.7	57.3	50.3	41.0	34.9	25.7	16.8	10.9
HCBS-4S	115	102	92	80.5	65.6	55.8	41.1	26.9	17.5
HCBS-6S	172	153	137	121	98	84	61.6	40.3	26.2
HCBS-9S	258	229	206	181	148	126	92	60.5	39.3
HCBS-13S	372	331	298	262	213	181	133	87	56.8
HCBS-17S	487	433	389	342	279	237	174	114	74
HCBS-24S	676	601	541	475	387	329	242	159	103

Performance listed is for ambient temperature 95°F and inlet pressure 110 psig. Please consult Holtec for performance at other conditions. Maximum operating pressure is 200 psig.

*Typical pressure drop is 25 psi.

Physical Characteristics

Model Number	L (in.)	W (in.)	H (in.)	Weight (lb)	Inlet	Outlet
HCBS-2.5S	24	20	65	350	3/8"	3/8"
HCBS-4S	24	20	65	390	3/8"	3/8"
HCBS-6S	24	20	65	400	1/2"	3/8"
HCBS-9S	24	20	65	415	1/2"	3/8"
HCBS-13S	24	20	65	440	1/2"	1/2"
HCBS-17S	24	20	65	475	1/2"	1/2"
HCBS-24S	24	20	65	520	3/4"	1/2"

Typical Flow Diagram with Lubricated Screw Compressors

