Xebec provides sustainable, end-to-end gas purification, generation and filtration solutions that transform raw gases into marketable sources of clean and renewable energy.

Products and Services

xebec

A world powered by clean energy

About Xebec

Xebec specializes in the design and manufacture of cost-effective, environmentally responsible gas generation systems, as well as purification, separation, dehydration, and filtration equipment for gases and compressed air. Xebec's main product segments are: Biogas Plants, Natural Gas Dryers, Associated Gas Purification Systems, and Hydrogen Purification Systems. Founded in 1967, Xebec has 50 years experience in adsorption technology, the foundation of all Xebec systems. Xebec has supplied more than 9,000 adsorption systems to over 1500 customers worldwide.

Quality Assurance

An integral part of Xebec's management and manufacturing philosophy, Xebec certifications include ISO 9001:2008, ASME, CRN, CSA, PED

Facilities

Xebec is located in a state-of-the-art , 42,000 sq. ft. manufacturing facility in Blainville, Quebec, Canada. Xebec also operates a 20,000 sq. ft manufacturing/service/sales facility in Shanghai, China, and has Sales Offices in the US (Texas), Singapore, France, and Italy

Xebec Office/Manufacturing Blainville,Quebec

Manufacturing and Sales, Shanghai, China

Sales Office, Houston, Texas

Sales Office, Italy European Union

Product Lines

Xebec markets its product lines under the following brands:

- ADXSOLUTIONS — Air Dryers
- AGXSOLUTIONS — Associated/Field Gas Purification
- AMXSOLUTIONS — Aftermarket Service, Parts, Adsorbents
- BGXSOLUTIONS — Biogas Purification
- FSXSOLUTIONS — Filtration for Compressed Air & Gas
- H2XSOLUTIONS — Hydrogen Purification
- N2XSOLUTIONS — Nitrogen Generation
- NGXSOLUTIONS — Natural Gas Drying and Upgrading
- O2XSOLUTIONS — Oxygen Generation

Product Range for Compressed Air

CRN Certified

xebec
A world powered by clean energy

ADX SOLUTIONS

Compressed Air Dryers

A complete range of products for dehydration and purification of compressed air, including proven, engineered custom applications with flows up to 12,000 SCFM (20,000 Nm3/h) and operating pressures up to 5000 PSIG (350 BARG).

Factory-inspected and tested to meet the highest level of quality, reliability and performance. Available options:

CRN

ASME

- Certification for Hazardous Location Class 1, Division 2 for electrical components
- Copper-free construction
- Silicone-free construction
- Winter packaging for severe climates
- AutoDew energy-savings option
- 3 valve and 9 valve bypass options to allow maintenance of the dryer and/or filters without shutting down the entire air system. Other arrangements available on request.

HLA – Heaterless Air Dryer

HRA – Heat Regenerative Air Dryer

BPA -Blower Purge Air Dryer

VRA - Vacuum Heat Regenerated Air Dryer

Model	Pipe Size	Inlet Flow at 7 Bar and 30°C (100 PSIG and 100°F)	
		SCFM	Nm³/hr
HLA 2	¼"	15	25
HLA 5	½"	45	75
HLA 8	1"	65	100
HLA 12	1"	95	160
HLA 17	1"	145	250
HLA 22	1"	175	290
HLA 30	1½"	240	400
HLA 40	1½"	310	527
HLA 50	1½"	410	700
HLA 65	2"	510	870
HLA 85	2"	650	1,120
HLA 100	3" flg	850	1,450
HLA 140	3" flg	1,240	2,100
HLA 170	3" flg	1,530	2,600
HLA 200	4" flg	1,650	2,800

Model	Pipe Size	Inlet Flow at 7 Bar and 30°C (100 PSIG and 100°F)	
		SCFM	Nm³/hr
HRA500	2" NPT	500	850
HRA650	2" NPT	650	1,100
HRA850	3" Flg	850	1,450
HRA1000	3" Flg	1,000	1,700
HRA1225	3" Flg	1,225	2,080
HRA1500	4" Flg	1,500	2,550
HRA1800	4" Flg	1,800	3,060
HRA2100	4" Flg	2,100	3,570
HRA2500	4" Flg	2,500	4,250
HRA3500	6" Flg	3,500	5,950
HRA4500	6" Flg	4,500	7,650

Model	Pipe Size	Inlet Flow at 7 Bar and 30°C (100 PSIG and 100°F)	
		SCFM	Nm³/hr
BPA1200	3" Flg	1,200	2,040
BPA1600	3" Flg	1,600	2,720
BPA1900	4" Flg	1,900	3,230
BPA2200	4" Flg	2,200	3,740
BPA2700	4" Flg	2,700	4,590
BPA3700	6" Flg	3,700	6,290
BPA4300	6" Flg	4,300	7,310
BPA5600	6" Flg	5,600	9,520
BPA7000	8" Flg	7,000	11,900
BPA8700	8" Flg	8,700	14,790
BPA10500	10" Flg	10,500	17,850
BPA12000	12" Flg	12,000	20,400

Model	Pipe Size	Inlet Flow at 7 Bar and 30°C (100 PSIG and 100°F)	
		SCFM	Nm³/hr
VRA 500	2" NPT	501	850
VRA 650	2" NPT	630	1,070
VRA 800	2" NPT	845	1,440
VRA 1150	3" Flg	1,160	1,970
VRA 1500	3" Flg	1,550	2,640
VRA 2200	4" Flg	2,310	3,930
VRA 3000	4" Flg	3,000	5,100
VRA 4500	6" Flg	4,500	7,650
VRA 6000	6" Flg	6,000	10,200
VRA 7000	8" Flg	7,500	12,750
VRA 8000	8" Flg	8,000	13,600
VRA 9000	10" Flg	9,000	15,300
VRA 10000	10" Flg	10,000	17,000

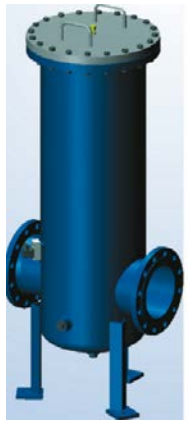
Product Range for Compressed Air

ADX SOLUTIONS

Coming Soon:

Ask us about other products in our pipeline

- **Refrigerant Dryers**
- **Modular Dryers**
- **Multi-Cyclone Separator**
- **High Capacity Filters**



In development … illustrative only

FSX SOLUTIONS

CRN Certified

Oil Water Separator for Compressed Air

Xebec's Oil Water Separator(OWS). One step. 30 seconds for quick and clean cartridge replacement. No pre-soaking. No special tools.

OWS P1-4

OWS P5-8

XEBEC FILTER NUMBER
OWS-P1 SMALL
OWS-P2 LARGE
OWS-P3 COMBO
OWS-P4 COMBO
OWS-P5
OWS-P6
OWS-P7
OWS-P8

OWS XC1-2

OWS P5-8FB

CARTRIDGE REPLACEMENT NUMBER	HP	FLOW
OWS-XC1	10	45
OWS-XC2	20	90
OWS-XC1+XC2	25	113
OWS-XC2 X 2	30	125
OWS-P5FB	40	170
OWS-P6FB	75	353
OWS-P7FB	175	862
OWS-P8FB	300	1495

Product Range for Compressed Air

CRN Certified

xebec
A world powered by clean energy

FSX SOLUTIONS

Filtration for Compressed Air

Products include coalescing and particulate filters, cyclone & oil/water separators, filter elements, accessories and adsorbents. Sizes range from single element cast aluminum housings to industrial scale multi-element fabricated filter housings of nickel-plated carbon steel.

CRN

ASME

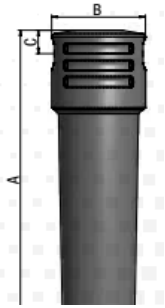
Cyclone Separator

Engineered Flanged Filters

X SERIES

XL Filter- cast aluminum up to 290 PSIG / 20 Barg

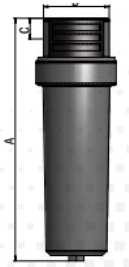
CAG MODEL	XL FILTER MODEL	NPT PORT SIZE (inches)	FILTER ELEMENT	AIR FLOW CAPACITY[1]		DIMENSIONS						VOLUME		MASS	
						A		B		C					
				scfm	Nm³/h	inches	mm	inches	mm	inches	mm	gals	liters	lbs	kgs
A018, A019, A028	XL1	1/4	XE105	29	50	7 3/4	197	3 1/4	80	3/4	21	0.13	0,5	1.5	0,7
A038	XL2	3/8	XE107	41	70	7 3/4	197	3 1/4	80	3/4	21	0.13	0,5	1.5	0,7
A058, A059	XL3	1/2	XE114	59	100	10 1/2	267	3 1/4	80	3/4	21	0.18	0,7	1.8	0,8
NA	XL4	3/4	XE114	59	100	10 1/2	267	3 1/4	80	3/4	21	0.18	0,7	1.8	0,8
A078, A079	XL5	3/4	XE201	106	180	10 1/4	259	4 1/2	117	1 1/4	33	0.42	1,6	4	1,8
A108, A109	XL6	1	XE202	177	300	14	359	4 1/2	117	1 1/4	33	0.55	2,1	5	2,2
A158	XL7	1 1/2	XE203	277	470	18	459	4 1/2	117	1 1/4	33	0.71	2,7	5.5	2,5
A159	XL8	1 1/2	XE205	412	700	25 1/4	639	4 1/2	117	1 1/4	33	1.0	3,8	6.8	3,1
A208	XL9	2	XE305	553	940	27 1/2	700	5 12	140	2	50	1.6	6,1	12.1	5,5
A209	XL10	2	XE307	853	1450	37 1/4	950	5 1/2	140	2	50	2.2	8,4	16.3	7,4



[1] flow capacity refers to 1 bar(a) and 68° F / 20°C at 100 psig / 7 barg

XM Filter – cast aluminum up to 725 PSIG (50 barg)

CAG FILTER MODEL	XM FILTER MODEL	NPT PORT SIZE (inches)	FILTER ELEMENT	Air FLOW CAPACITY[1]		DIMENSIONS						VOLUME		MASS	
						A		B		C					
				scfm	Nm³/h	inches	mm	inches	mm	inches	mm	gals	liters	lbs	kgs
50HP50	XM1	1/2	XE105	29	50	9 3/4	250	4	102	1 1/4	31	0.21	0,8	4.6	2,1
50HP75	XM2	3/4	XE107	41	70	9 3/4	250	4	102	1 1/4	31	0.21	0,8	4.6	2,1
50HP101	XM3	1	XE114	59	100	9 3/4	250	4	102	1 1/4	31	0.21	0,8	4.6	2,1
50HP150	XM4	1 1/2	XE202	177	300	21	535	5 1/2	141	1 3/4	46	0.98	3,7	20.9	9,5
50HP151	XM5	1 1/2	XE203	277	470	21	535	5 1/2	141	1 3/4	46	0.98	3,7	20.9	9,5
50HP200	XM6	2	XE205	412	700	28 1/4	715	5 1/2	141	1 3/4	46	1.37	5,2	26.9	12,2
50HP201	XM7	2	XE305	553	940	28 1/4	715	5 1/2	141	1 3/4	46	1.37	5,2	26.9	12,2



[1] flow capacity refers to 1 bar(a) and 68° F / 20°C at 100 psig / 7 barg

Product Range for Compressed Air

xebec
A world powered by clean energy

Alternative Filter Elements

Xebec's interchangeable replacement filter elements reflect our continual commitment to finding cost-effective, quality-excellent products, ideal replacements for many OEM elements.

ALTERNATIVE FILTER ELEMENTS			
Airtek	Beko	Ingersoll Rand	Sullair
Air Filter Engineering	Compare	Jorc	SMC
Allup	Deltech	Kaeser	Ultrafilter
Almig	Domnick Hunter	Knocks	Walker
Atlas Copco	Donaldson	OMI	Wortmann
Balston	Flair Hankinson	Pall & PPC	Xebec Legacy
Boge	Hiross	Parker Finite	Zander

ALTERNATIVE OWS ELEMENTS			
Atlas Copco	Beko	Boge	EcoAir
Jorc	Kaeser		

Walker – Alternatives

Walker Element Number	Xebec Alternative Element Number
X1-SERIES, X5-SERIES, XA-SERIES, AC-SERIES	
E361-*X1*	FE-W-E361-*X1*AL
E371-_ _	FE-W-E371-_ _AL
E511-_ _	FE-W-E511-_ _AL
E711-_ _	FE-W-E711-_ _AL
E811-_ _	FE-W-E811-_ _AL
E731-_ _	FE-W-E731-_ _AL
E821-_ _	FE-W-E821-_ _AL
E831-_ _	FE-W-E831-_ _AL
E851-_ _	FE-W-E851-_ _AL
E1251-_ _	FE-W-E1251-_ _AL
E1261-_ _	FE-W-E1261-_ _AL
E1281-_ _	FE-W-E1281-_ _AL

* for each element number, replace the two blanks with either X1, X5, XA or AC. Aluminum endcaps.

Walker Element Number	Xebec Alternative Element Number
X1-SERIES, X5-SERIES, XA-SERIES, AC-SERIES	
E0304-*X1*	FE-W-E0304-*X1*
E0305-_ _	FE-W-E0305-_ _
E0406-_ _	FE-W-E0406-_ _
E0407-_ _	FE-W-E0407-_ _
E0413-_ _	FE-W-E0413-_ _
E0613-_ _	FE-W-E0613-_ _
E0620-_ _	FE-W-E0620-_ _
E0625-_ _	FE-W-E0625-_ _
E0730-_ _	FE-W-E0730-_ _
E0830-_ _	FE-W-E0830-_ _
E0860-_ _	FE-W-E0860-_ _
E1140-_ _	FE-W-E1140-_ _
E1160-_ _	FE-W-E1160-_ _

* for each element number, replace the two blanks with either X1, X5, XA or AC.

Domnick Hunter Oil-X Evolution - Alternatives

Domnick Hunter Oil-X Evolution Element Number	Xebec Alternative Element Number
AR-SERIES, AO-SERIES, AA-SERIES, ACS-SERIES	
005*AR*	XE005*AR*
010_ _	XE010_ _
015_ _	XE015_ _
020_ _	XE020_ _
025_ _	XE025_ _
030_ _	XE030_ _
035_ _	XE035_ _
040_ _	XE040_ _
045_ _	XE045_ _
050_ _	XE050_ _
055_ _	XE055_ _
060_ _	XE060_ _

* for each element number, replace the two blanks with either AR, AO, AA or ACS.

Product Range for Compressed Air

AMXSOLUTIONS

Aftermarket Elements, Parts, Adsorbents

Xebec offers a complete range of air filter elements, desiccant, accessories, valves and adsorbents.

Filtration grade	WS	C	G	F	SF	AC	AAC	ACC	MSC
Designation	Water Separator	Coarse, Pre-Filter	General Purpose Filter particulate & coalescing	Fine Filter particulate & coalescing	Super Fine Filter	Odour Removal Activated Carbon	Activated Alumina Cartridge	Activated Carbon Cartridge	Molecular Sieve Cartridge
Purity Class acc to ISO 8573-1	-/8/-	6/-/4	2/-/2	1/-/1	1/-/0-1	1/-/0-1	1/-/0-1	1/-/0-1	1/3/1

Accessories / Spare Parts

Adsorbents

Filter Elements

Aftermarket Service

Service Support includes

- Toll-free in North America, 7/24 emergency service
- On-site commissioning
- Preventative maintenance
- Filtration training
- Servicing and upgrading
- Replacement parts and elements for all makes/models
- Desiccant and adsorbents

Air Probe Recalibration Service

MRO Services

Filtration Evaluation & Training

Product Range for Nitrogen Generation

CRN Certified

xebec
A world powered by clean energy

N2XSOLUTIONS

On site equipment is the right choice. Choosing Xebec equipment is the smart choice.

A global leader in adsorption technology, Xebec is a Canadian company with CRN-certified and CSA-approved PSA and Membrane Nitrogen Generators. The units can be supplied as individual components to your existing system or packaged in a compact, skid-mounted system with everything you need from air compressor to nitrogen storage.

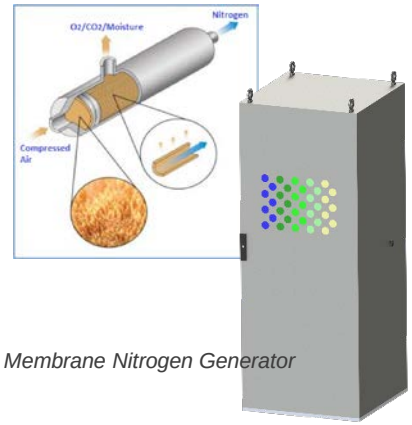
Benefits

- ✓ No need for vendors - you are your own supplier
- ✓ Adjustable flow and purity - from 95% to 99.999%
- ✓ Lower production and maintenance costs
- ✓ Cost savings following payback of up to 90%
- ✓ Transport costs are eliminated
- ✓ Continuous operation - you only produce what you consume

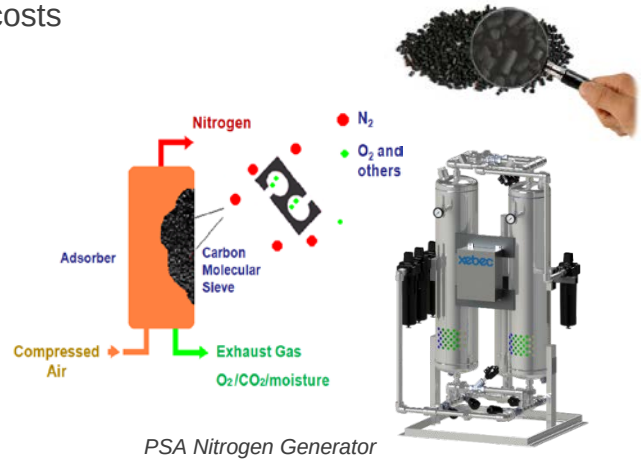
CRN · ASME · nqa. ISO 9001 Registered · CSA

- ✓ Easy to install and operate - turnkey systems
- ✓ Modular and compact - easy to gradually increase capacity as required
- ✓ Less energy intensive than cryogenic distillation - environmentally friendly
- ✓ Reliable and safe operation – storage and handling of HP cylinders is eliminated

Excellent Air/N_2 Ratio – low operating costs



Membrane Nitrogen Generator



PSA Nitrogen Generator

Product Range for Nitrogen Generation

CRN Certified

PSA Nitrogen Generators - N_2 Output Design Capacity Table

at design basis conditions

N_2 Output Design Capacity																				
Model	**95%**		**96%**		**97%**		**98%**		**99%**		**99.5%**		**99.9%**		**99.95%**		**99.99%**		**99.999%**	
	SCFM	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**
N2XP-2	3	4	2	4	2	3	2	3	1	2	1	2	1	2	1	1	1	1	0	1
N2XP-5	6	10	6	9	5	8	4	7	3	6	3	5	2	4	2	3	1	2	1	1
N2XP-8	9	14	8	13	7	11	6	10	5	8	4	7	3	5	3	4	2	3	1	2
N2XP-12	16	26	14	23	13	21	11	18	9	14	8	13	6	9	5	8	4	6	2	3
N2XP-17	22	36	20	33	18	29	16	25	12	20	11	18	8	13	7	11	5	8	3	4
N2XP-22	26	43	24	39	21	34	19	30	15	24	13	21	9	15	8	13	6	10	3	5
N2XP-30	33	53	30	48	26	42	23	37	18	29	16	26	12	19	10	16	8	12	4	6
N2XP-40	50	80	45	73	40	64	35	56	28	45	24	39	18	28	15	25	12	19	6	9
N2XP-50	63	102	57	93	51	82	44	71	35	57	31	50	22	36	20	32	15	24	7	12
N2XP-65	81	131	74	120	65	106	57	92	45	73	40	64	29	47	25	41	19	31	10	15
N2XP-85	102	164	93	150	82	132	71	115	57	91	50	80	36	58	32	51	24	38	12	19
N2XP-100	149	241	136	220	120	194	105	169	83	134	73	118	53	86	46	75	35	56	17	28
N2XP-140	215	347	196	317	173	279	151	243	120	193	105	170	72	115	67	108	50	81	25	41
N2XP-170	258	417	236	380	207	335	181	292	144	232	126	204	92	148	80	129	53	86	30	49
N2XP-200	301	486	275	443	242	390	211	340	168	270	147	238	107	173	93	151	70	113	35	57
N2XP-250	352	567	321	517	282	455	246	397	195	315	172	278	125	202	109	176	82	132	41	66
N2XP-300	410	662	374	604	329	531	287	463	228	368	201	324	146	235	127	205	95	154	48	77
N2XP-350	471	760	429	693	378	610	330	532	262	422	231	372	167	270	146	236	109	176	55	89
N2XP-400	581	938	530	855	467	753	407	656	323	521	285	459	207	333	180	291	135	218	68	110
N2XP-450	678	1094	618	997	545	878	475	766	377	608	332	535	208	335	210	339	157	254	79	128
N2XP-500	1099	1772	1002	1616	882	1423	769	1241	611	985	538	868	391	630	341	550	255	411	128	207
N2XP-550	1420	2290	1295	2088	1140	1839	994	1603	789	1273	695	1121	505	814	441	711	329	531	166	268
Air/N2 Ratio	1.9		1.9		2		2.2		2.4		2.6		3.2		3.5		4.3		6.4	

Specifications listed above are typical values. Each PSA will be sized on a case by case basis according to customer process requirements.

Design Basis

Design Basis	
Ambient temperature:	68°F / 20°C
Ambient pressure:	1 bar(a)
Inlet Compressed Air Temperature:	68°F / 20°C
Inlet Compressed Air Pressure:	113 psig / 7.8 barg
Nitrogen Outlet Pressure:	Up to 103 psig /7.1 barg
Minimum Compressed Air inlet Quality:	ISO8573-1 Class 1-4-1

Technical Specifications

Model	Connections			Dimensions						Weight	
	Air Inlet	Nitrogen Outlet	Exhaust Outlet	Height		Width		Depth			
				mm	in	mm	in	mm	in	Kg	Lb
N2XP-2	3/8"	1/4"	3/8"	1016	40	457	18	356	14	44	100
N2XP-5	1/2"	3/8"	3/4"	1600	63	737	29	610	24	67	150
N2XP-8	1/2"	1/2"	3/4"	1524	60	914	36	711	28	111	250
N2XP-12	3/4"	1/2"	1"	1626	64	978	39	711	28	169	380
N2XP-17	1"	3/4"	1"	2032	80	978	39	711	28	200	450
N2XP-22	1"	3/4"	1.5"	1676	66	991	39	711	28	231	520
N2XP-30	1"	1"	1.5"	2083	82	1118	44	787	31	244	550
N2XP-40	1.5"	1"	1.5"	1803	71	1245	49	889	35	288	650
N2XP-50	1.5"	1"	1.5"	2134	84	1372	54	914	36	346	780
N2XP-65	1.5"	1.5"	2"	1905	75	1448	57	1067	42	586	1320
N2XP-85	1.5"	1.5"	2"	2159	85	1473	58	1067	42	665	1500
N2XP-100	2"	1.5"	2.5"	2845	112	1829	72	1321	52	932	2100
N2XP-140	2"	2"	2.5"	2845	112	1880	74	1321	52	1198	2700
N2XP-170	2.5"	2"	3"	3150	124	1880	74	1321	52	1331	3000
N2XP-200	2.5"	2"	3"	3048	120	2184	86	1321	52	1597	3600
N2XP-250	2.5"	2"	3"	3075	121	2206	87	1472	58	1909	4200
N2XP-300	3"	2.5"	3"	3172	125	2305	91	1529	60	2182	4800
N2XP-350	3"	2.5"	4"	3262	128	2398	94	1583	62	2500	5500
N2XP-400	3"	2.5"	4"	3403	134	2547	100	1668	66	3068	6750
N2XP-450	4"	3"	4"	3511	138	2662	105	1733	68	3568	7850
N2XP-500	4"	3"	5"	3870	152	3056	120	1954	77	5727	12600
N2XP-550	5"	4"	5"	4075	160	3288	129	2083	82	7364	16200

Xebec reserves the right to change the design and/or dimensions and/or weight at any time without any notice or liability.

Product Range for Nitrogen Generation

CRN Certified

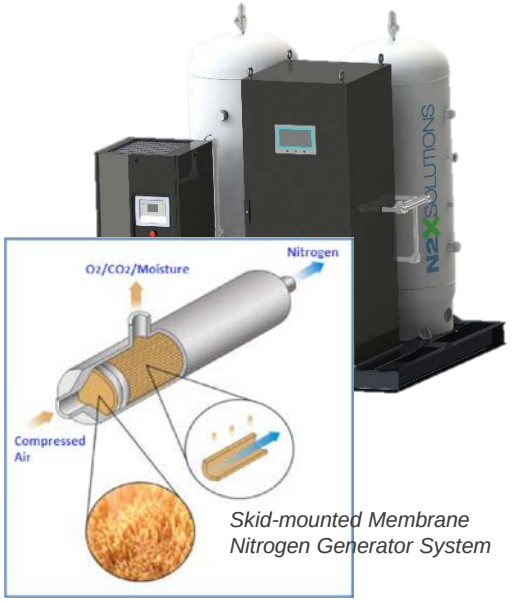
xebec
A world powered by clean energy

Membrane Nitrogen Generators - N_2 Output Design Capacity Table

at design basis conditions

N_2 Output Design Capacity										
Model	**95%**		**96%**		**97%**		**98%**		**99%**	
	SCFM	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**	**SCFM**	**NCMH**
N2XM-4	5	8	4	6	3	5	2	4	2	3
N2XM-8	10	15	8	13	6	10	5	8	3	5
N2XM-12	14	23	12	19	10	15	7	12	5	7
N2XM-15	19	31	16	25	13	20	10	15	6	10
N2XM-20	29	46	24	39	20	31	15	24	10	16
N2XM-30	40	65	34	54	27	44	21	34	14	23
N2XM-45	58	92	48	77	39	63	30	48	20	32
N2XM-60	86	138	72	116	58	94	44	71	30	48
N2XM-85	115	185	96	154	78	125	59	95	40	64
N2XM-100	144	231	120	193	97	156	74	119	50	80
N2XM-110	173	277	144	231	117	188	89	143	60	97
Air/N2 Ratio	**2.5**		**2.7**		**3.1**		**3.6**		**4.7**	

Specifications listed above are typical values. Each membrane unit will be sized on a case by case basis according to customer process requirements.



Skid-mounted Membrane Nitrogen Generator System

Design Basis

Design Basis	
Ambient Temperature:	68°F / 20°C
Ambient Pressure:	1 bar(a)
Inlet Compressed Air Temperature:	131°F / 55°C
Inlet Compressed Air Pressure:	174 psig / 12 barg
Nitrogen Outlet Pressure:	Up to 160 psig / 11 barg
Minimum Compressed Air inlet Quality:	ISO8573-1 Class 1-4-1

Technical Specifications

Model	Connections			Dimensions						Weight	
	Air Inlet	Nitrogen Outlet	Exhaust Outlet	Height		Width		Depth			
				mm	in	mm	in	mm	in	Kg	Lb
N2XM-4	1/2"	3/8"	3/4"	2007	79	610	24	610	24	265	583
N2XM-8	3/4"	1/2"	1"	2007	79	610	24	610	24	270	594
N2XM-12	3/4"	1/2"	1.5"	2007	79	610	24	610	24	275	605
N2XM-15	1"	3/4"	1.5"	2007	79	610	24	610	24	295	649
N2XM-20	1"	3/4"	1.5"	2007	79	610	24	610	24	320	704
N2XM-30	1.5"	1"	2"	2007	79	787	31	787	31	460	1012
N2XM-45	1.5"	1"	2"	2007	79	787	31	787	31	475	1045
N2XM-60	1.5"	1.5"	2.5"	2007	79	787	31	787	31	495	1089
N2XM-85	2"	1.5"	2.5"	2007	79	787	31	787	31	545	1199
N2XM-100	2"	1.5"	3"	2007	79	787	31	787	31	585	1287
N2XM-110	2"	1.5"	3"	2007	79	787	31	787	31	610	1342

Xebec reserves the right to change the design and/or dimensions and/or weight at any time without any notice or liability.

Product Range for Nitrogen Generation

Logic Controller, Options, Accessories, and Aftermarket Parts

Xebec's nitrogen generation systems can be equipped with a variety of options; easily integrated, compatible, best cost equipment and supplies.

- Air Compressors
- Refrigerant Dryers
- Air & Nitrogen Receivers
- Nitrogen Booster & Cylinder Filling Station
- High Pressure Gas Storage
- PLC Remote Monitoring via Xebec Cloud Server
- Activated Carbon Towers
- Replacement Filters
- Replacement Desiccant
- Oxygen Analyzers
- Nitrogen Flow Meters
- Inlet Pressure Regulators
- Air Heaters for Membrane Nitrogen Generators

Standard Programmable Logic Controller (PLC)

easy to read, easy to use

- *Start/stop the system*
- *Measure product flow rate*
- *Monitor pressure & temperature*
- *Option for remote monitoring*

Optional Touchscreen Programmable Logic Controller (PLC)

Product Range for Natural Gas

CRN Certified

xebec
A world powered by clean energy

NGX SOLUTIONS

Natural Gas Drying and Upgrading

A complete range of dehydration and filtration solutions, including proven, engineered custom applications.

ASME CRN

Example of a Xebec Dryer in California – 4000 scfms supporting 300-400 buses

STVNGX

Single Tower natural gas dryer

Model No	Pipe Size
STV6NGX	½" NPT
STV8NGX	1" NPT
STV10NGX	1" NPT
STV14NGX	1½" NPT
STV18NGX	1½" NPT
STV20NGX	2" NPT
STV24NGX-2	2" NPT
STV24NGX-3	3" FLG
STV30NGX-2	2" FLG
STV30NGX-3	3" FLG
STV36NGX-3	3" FLG
STV36NGX-4	4" FLG

STRNGX

Single Tower Regenerable natural gas dryer

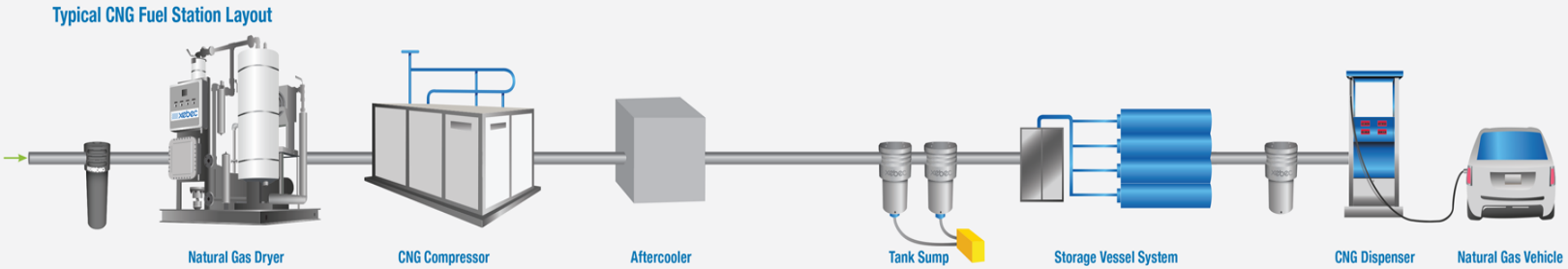
Model No	Pipe Size
STR18NGX-1.5 AutoDew	1½" FLG
STR20NGX-2 AutoDew	2" FLG
STR24NGX-2 AutoDew	2" FLG
STR24NGX-3 AutoDew	3" FLG
STR30NGX-2 AutoDew	2" FLG
STR30NGX-3 AutoDew	3" FLG
STR36NGX-3 AutoDew	3" FLG
STR36NGX-4 AutoDew	4" FLG

DTRNGX

Dual Tower Regenerable natural gas dryer

Model No	Pipe Size
DTR14NGX-1.5	1½" FLG
DTR14NGX-2	2" FLG
DTR18NGX-1.5	1½" FLG
DTR18NGX-2	2" FLG
DTR24NGX-2	2" FLG
DTR24NGX-3	3" FLG
DTR30NGX-2	2" FLG
DTR30NGX-3	3" FLG

Product Range for Natural Gas



FSX SOLUTIONS

Filtration for Natural Gas

Products include water separators, coalescing & particulate filters, ranging from single element cast aluminum housings to industrial scale multi-element fabricated filter housings of nickel-plated carbon steel.

Filtration for Onboard Natural Gas Vehicles (NGV)

Xebec supplies a full range of high-efficiency, low to high pressure, particulate and coalescing filters that provide quality protection of critical engine components. This includes alternative elements for Parker CLS112 . Custom applications are welcome.

X SERIES

Low, Medium and High Pressure Filters - up to 6000 psig

Fabricated Filters

Cyclone Separator

Pressure Vessels up to 96”

Alternative Parker Elements

HIGH EFFICIENCY CNG VEHICLE FILTRATION
XV SERIES

AUTOMOTIVE & VAN FLEETS | TRUCK & BUS CONVERSIONS

Product Range for Natural Gas

AMXSOLUTIONS

Aftermarket Elements, Parts, Adsorbents

Xebec offers a complete range of compressed natural gas (CNG) filter elements, desiccant, accessories, valves and adsorbents.

Filter Elements

WS	Water Separator Element
C	3µm Coarse Pre-filter Element
G	1µm General Purpose Element
F	0,1µm Fine Element
SF	0,01µm Super-fine Element
AC	Activated Carbon Element
AAC	Activated Alumina Cartridge
MSC	Molecular Sieve Cartridge
ACC	Activated Carbon Cartridge

Aftermarket Service

Service Support includes

- *Toll-free in North America, 7/24 emergency service*
- *On-site commissioning*
- *Preventative maintenance*
- *Filtration training*
- *Servicing and upgrading*
- *Replacement parts and elements for all makes/models*
- *Desiccant and adsorbents*

Product Range for Other Gases

BGXSOLUTIONS

Biogas Purification

Xebec's membrane, PSA and hybrid (membrane/PSA) solutions are used to upgrade biogas to pipeline-quality, renewable natural gas with recovery rates of up to 99.5%.

XEBEC's integrated biogas plants provide customers with a packaged solution including all the equipment necessary to upgrade biogas to purified biomethane.

H2XSOLUTIONS

Hydrogen Purification

Xebec's proprietary, fast-cycle PSA technology is the most compact, economical and reliable pressure swing adsorption system available today. Fully skid-mounted and factory loaded with adsorbents, and available in a range of sizes and market applications.

PSA3200

PSA3200

PSA3300 with G-1 rotary valve

On site in California

PSA3100

Coming Soon:

Ask us about other products in our pipeline

- **Nitrogen and Oxygen Generators**
- **Industrial Filtration**
- **Multi-Cyclone Separator**
- **High Capacity Filters**

MTXSOLUTIONS

Membrane Technology

Xebec's engineering team has been instrumental in designing a hollow fiber membrane system that targets CO_2 in natural gas – phenomenal selectivity in an easy, flexible cost-effective approach.

Professional Services

Specialized Services

Xebec facilities are outfitted for a variety of custom needs.

- *Electrical build-up and testing*
- *Tig welding (7 ASME-certified welders on staff)*
- *Dewpoint probe recalibration service*
- *Shot-blasting facility*
- *Painting booth*
- *Hydrostatic testing*

Customization

Electronic Testing

Hydrostatic Testing

Dryer Assembly

Service & Support

Global engineering and design experience for specific requirements and codes

System feasibility and optimization studies

PSA only or full gas treatment engineering and procurement solutions

Short delivery times to meet project schedules

Supervision on installation and commissioning

Technical training programs for integrators and operators

Contact:

UNITED STATES

XEBEC Adsorption USA, Inc.
11211 Katy Freeway,
Suite 320
Houston, TX 77079

Phone: (832) 532-8741
Fax: (832) 532-8746
Email: sales@xebecinc.com

CANADA

XEBEC Adsorption, Inc.
730 Boul. Industriel
Blainville, Quebec
J7C 3V4

Phone: (450) 979-8700
Toll Free: 1 (877) 469-3232
Fax: (450) 979-7869
Email: sales@xebecinc.com

CHINA

XEBEC Adsorption (Shanghai), Co. Ltd.
No. 92, Block 5,
East Jiangtian Road
Songjiang Economic Zone,
Shanghai

Phone: +86 21 3352 8700
Fax: +86 21 3352 8705
Email: chinasales@xebecinc.com