

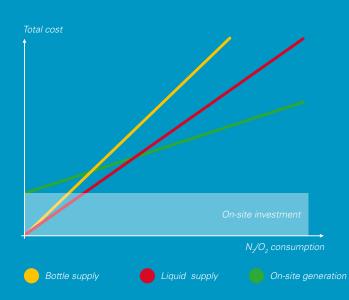
A SECURE SUPPLY OF NITROGEN AND OXYGEN

Whether your company is specialized in chemical manufacturing, electronics, laser cutting or food and beverage, a dependable supply of industrial gas is crucial. Compared to the on-demand delivery of gas bottles or tanks, on-site production of gas offers a wealth of advantages ranging from cost savings to continuous availability. Atlas Copco's advanced nitrogen and oxygen generators offer you the ultimate solution: flexible on-site production of industrial gas at the lowest possible cost.



On-site vs. liquid or bottled gas

- Your own independent supply of industrial gas.
- Non-stop availability: 24 hours a day, 7 days a week.
- Significant economies of scale and lower operational costs: no rental charges, transport expenses and bulk user evaporation losses.
- No safety hazards when handling high-pressure cylinders.
- Easy integration within existing compressed air installations.

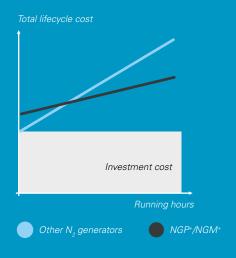


Liquid/bottled gas	On-site generation
Lease tank	Capital
N_2	Energy
Transport	Maintenance
0.1-0.8 EUR/m³(*)	0.02-0.15 EUR/m³(**)
N ₂ : 99.999%	N ₂ : 95-99.999%

(*) Industry average, other price settings might apply. (**) Depending on purity and electricity cost.

High reliability

- Proven technology: simple, reliable and durable.
- The exact purity your application demands.
- Low operating costs for extra cost-efficiency.
- World-class expertise in a unique market offer from compressed air to gas.



With an air factor* of 1.8 (at 95%) to 5.5 (at 99.999%) and a special cycle time modulation algorithm, the running cost of the new NGP+ can be reduced by 50%, compared to other $\rm N_2$ generators.

* The air factor is calculated by dividing the inlet air your system needs by the amount of $\rm N_{\rm 2}$ it produces.The lower the air factor, the more efficient your nitrogen generation.

New generation membrane & PSA generators will change the market

Atlas Copco's latest membrane and PSA generators extend the advantages of the current range. Total lifecycle cost consists of the initial investment cost of the on-site installation, the service cost, and the energy cost. The NGP/NGM range has the lowest investment cost. However, with increasing running time, you are better advised to switch to the NGP+/NGM+ range to reduce energy costs.



Wide range of applications

- Food & beverage (storage & packaging).
- Pharmaceutical applications.
- Plastic injection molding.
- Electronics.
- Laser cutting.
- Semiconductor manufacturing.

- Chemical applications.
- Metal heat treatment.
- Cable & optical fiber industries.
- Glass industries.
- Fire prevention.
- Aquaculture.



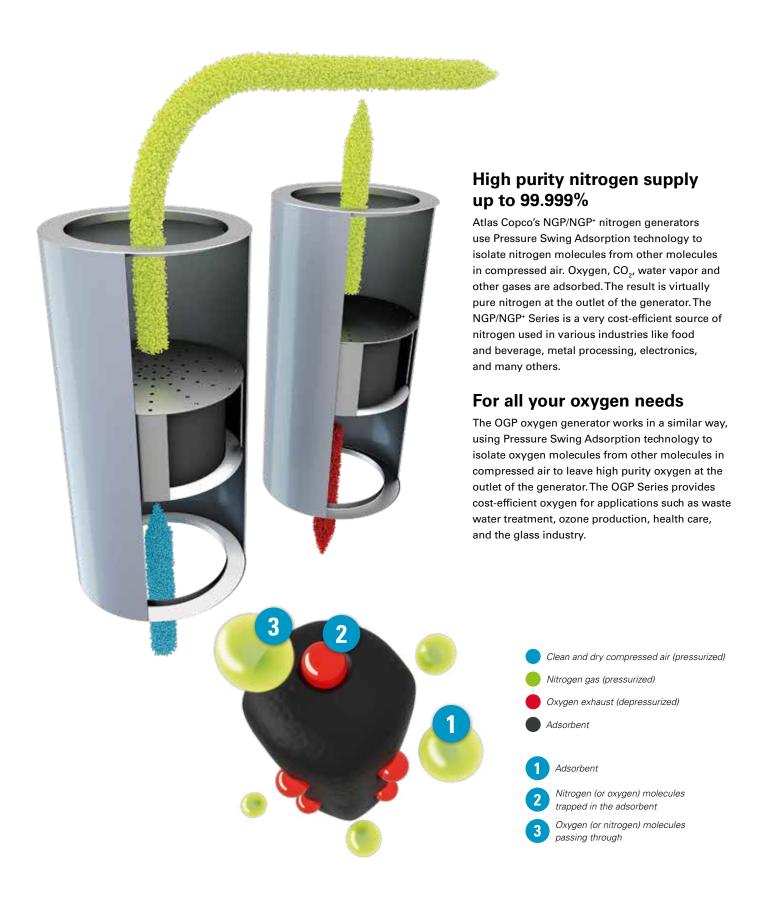
MEMBRANE: COMPACT ALL-IN-ONE N₂ SUPPLY

Atlas Copco NGM/NGM⁺ nitrogen generators utilize proprietary membrane separation technology. The membrane separates compressed air into two streams: one is 95-99.9% pure nitrogen, and the other is oxygen enriched with carbon dioxide and other gases.



PSA: RELIABLE AND PROVEN

Based on Pressure Swing Adsorption (PSA) technology, Atlas Copco's NGP/NGP⁺ nitrogen generators and OGP oxygen generators provide a continuous flow of nitrogen and oxygen at desired purity.



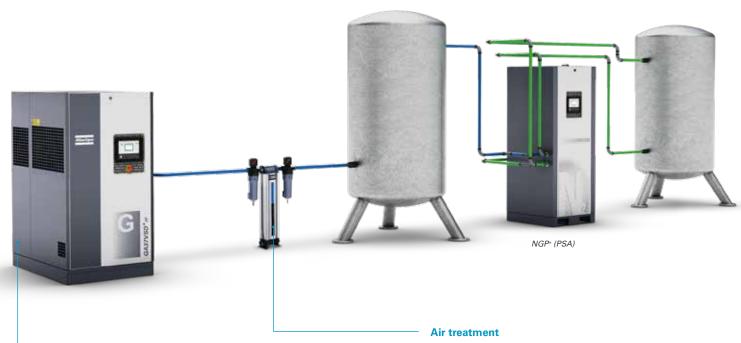
TOTAL SOLUTIONS FROM ATLAS COPCO

With a full range of nitrogen and oxygen generators to choose from, Atlas Copco brings you the right supply of nitrogen and oxygen to meet your specific needs and optimize your production process at the same time.

High quality compressed air

On-site nitrogen and oxygen generation requires the most reliable and efficient compressed air solution. Drawing on our vast experience, Atlas Copco has been leading the industry in compressed air technology for decades.

Typical installation: compressor with integrated dryer, pre-filter UD+, Active Carbon Tower QDT, dust filter, receiver, NGP+ nitrogen PSA generator, receiver.



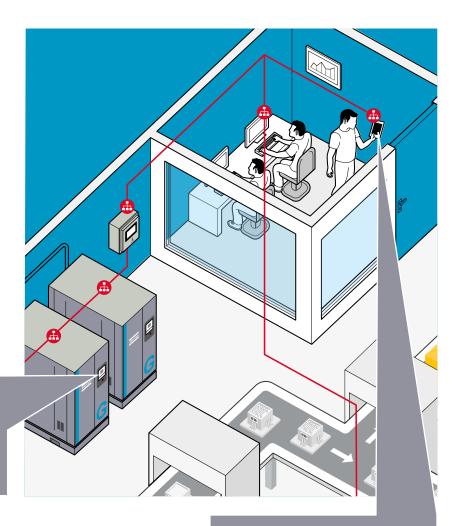
Oil-injected compressors

Integrated onto the production floor, Atlas Copco's oil-injected compressors provide a dependable flow of compressed air directly to the point of use. The GA range even comes with integrated dryer for high quality air. Built to perform in harsh environments, Atlas Copco compressors keep your production running smoothly and reliably: a very economical solution in combination with nitrogen and oxygen generators.

Atlas Copco has developed and improved air compression and drying techniques. Whatever your installation, application or quality requirements, Atlas Copco can offer the right air treatment solution, including dryers (desiccant, refrigerant, membrane) and filters (coalescing, particle, active carbon).

ADVANCED MONITORING, CONTROL & CONNECTIVITY

Do you operate a smart factory or Industry 4.0 production environment? Atlas Copco's nitrogen and oxygen generators will fit right in. Their advanced monitoring, control and connectivity features allow you to optimize performance and efficiency.



CONTROL

The Elektronikon® operating system gives you numerous control and monitoring options to optimize compressor performance.

ALWAYS AT YOUR SERVICE

Atlas Copco is a truly global organization with support available in more than 160 countries. As a result, one of our 4850 field service engineers is never far away. We pride ourselves on the swift assistance that keeps your Atlas Copco nitrogen and oxygen system performing reliably and efficiently.

Service plan

Our service plans keep your Atlas Copco nitrogen and oxygen system in excellent shape.

Stand-by solutions

Atlas Copco help is available 24/7. We keep spare parts in stock so you are up and running again as quickly as possible.

Rental

Our specialty rental services meet your temporary compressed air needs. With Customer Centers strategically located around the globe, Atlas Copco Rental can provide a solution for virtually any application.

CONNECT SMARTLINK*: **Data Monitoring Program**

- Remote monitoring system that helps you optimize your compressed air system and save energy and costs.
- Provides a complete insight in your compressed air network.
- Anticipates potential problems by warning you up-front.
- * Please contact your local sales representative for more information.

MEMBRANE NITROGEN GENERATORS (NGM, NGM+)

Based on innovative membrane technology, Atlas Copco's membrane nitrogen generators are flexible enough to adapt to your specific applications. And with low operating costs they offer an excellent return on investment.

Ready to use

- Requires only a supply of dry compressed air.
- No specialist installation or commissioning.
- Fitted with pre-filtration, pressure gauges and flow meter to ensure accurate system monitoring at all times.

Cost savings

- Low operating expenses.
- No additional costs such as order processing, refills and delivery charges.
- Limited maintenance costs.

Exceptional convenience

- Continuous availability (24 hours a day, 7 days a week).
- Risk of production breakdown due to gas running out is eliminated.

Desired purity

- Nitrogen supply according to your need: from 5% to 0.1% oxygen content.
- Very easy to set up the device for other purity levels.

All-in-one

- Fully integrated package.
- Filters and oxygen sensor as standard.

High flow capacity

Ideal for applications such as fire prevention, tire inflation, oil & gas, marine, packaging and many more.



Long lifetime

- No aging.
- No heater.
- Lasting performance.

PSA NITROGEN AND OXYGEN GENERATORS (NGP, NGP+, OGP)

Atlas Copco's NGP, NGP⁺ and OGP nitrogen and oxygen generators are easy to install and use. They offer the required purity with a high flow capacity, making them suitable for a range of applications.

High flow capacity

The wide product range and gas flows exceeding 3,000 Nm³/h (NGP/NGP⁺) make these generators ideal for a variety of demanding applications.

Ready to use

- Only requires a supply of dry compressed air.
- Plug-and-play.
- No specialist installation or commissioning.
- Fully automated and monitored including
 average sensor as standard.



Exceptional reliability

- Robust design.
- Continuous availability (24 hours a day, 7 days a week).
- Potential risk of production breakdown due to gas running out is eliminated.

Cost savings

- Low operating expenses.
- No additional costs such as order processing, refills and delivery charges.

• OGP: oxygen concentrations from 90% to 95%.

• Limited maintenance costs.

NEW GENERATION NGP* NITROGEN GENERATORS





Self-protective monitoring of the feed air quality

- Temperature.
- Pressure.
- Pressure dewpoint.
- Automatic feed air blow-off in case of contamination.



Premium energy efficiency

Air factor (air-to-nitrogen ratio) from 1.8 (95% N_2) to 5.5 (99.999% N_2).



Automatic start-up

- Minimum pressure valve with bypass nozzle for fast start-up.
- Eliminates risk of overflow and CMS damage.







Highest quality CMS

- High density due to packed bed technology.
- Top/bottom equalization.
- Protected by dedicated pressure sensor.





The most complete scope of supply

- Nitrogen flow meter as standard.
- Zirconia oxygen sensor with a long lifetime.
- Outlet pressure reducing valve.
- Nitrogen pressure dewpoint sensor available as an option.



Self-regulation and stable purity

- Automatically regulates to the requested nitrogen pressure and purity.
- Extremely easy to change purity.
- Off-spec nitrogen flushing.







Control and monitoring

- Remote start-stop.
- Modbus, Profibus and Ethernet.
- SMARTLINK.



Back flow pressurization

- In the pressurization phase nitrogen is used instead of air.
- No oxygen contamination of the CMS before adsorption phase starts.



The ultimate energy saver

- Stand-by mode in case no nitrogen is consumed.
- Cycle time modulation algorithm = extended cycle time at low nitrogen demand = reduced air consumption at low nitrogen demand.

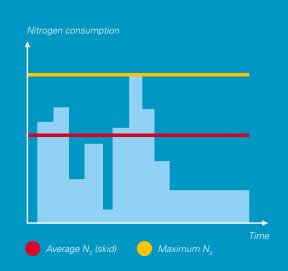
ALL-IN-ONE HIGH PRESSURE NITROGEN SKID

The latest addition to Atlas Copco's specially developed equipment is the all-in-one high pressure nitrogen skid, a true alternative for liquid nitrogen or bottles. Combining a small footprint, easy installation, high reliability and supreme energy efficiency, this unique nitrogen skid truly stands out.



Ideal for a fluctuating nitrogen demand

This innovative nitrogen skid lets you store nitrogen at 40 or 300 bar. This allows you to base your production on your average nitrogen consumption rather than have your maximum consumption available at all times. This saves initial investment cost and drastically reduces your operating costs.



High pressure applications and storage of air, oxygen, nitrogen, helium and argon

Producing and storing your own gas supply is the most cost-effective solution while also ensuring your independence from vendors. Atlas Copco's 200-bar booster delivers the high pressure you need to bottle the gas you generate. It can also be used for applications that require high-pressure air or gases, such as PET bottling or laser cutting. 100% oil-free, the booster avoids any risk of contamination in production environments that demand extreme purity.

Strong performance

- 100% oil-free.
- Cooling via internal refrigerant group for +/- 20°C outlet temperature.
- Minimal maintenance: extremely low RPM.

Flexible use

- Compressed air, oxygen, nitrogen, helium or argon up to 200 bar.
- Available in 3 to 15 kW.
- High pressure generation for direct use and bottling.

Energy efficiency

• Variable frequency drive through in- and outlet pressure.

High reliability

- Direct driven engine with gearbox eliminates belt wear.
- Closed system prevents any ventilation losses.



TECHNICAL SPECIFICATIONS NGM SERIES

ТҮРЕ		Nitroge	n purity		Dimensions	(W x D x H)	Weight		
		95%	96%	97%	mm	in	kg	lbs	
	FND Nm³/h	11.9	9.7	7.6					
NGM 1	FND scfm	6.9	5.7	4.4	820 x 772 x 2090	32.3 x 30.4 x 82.3	259	571	
	Air factor	2.6	3	3.5					
	FND Nm³/h	24.1	19.4	15.1					
NGM 2	FND scfm	14.1	11.3	8.8	820 x 772 x 2090	32.3 x 30.4 x 82.3	268	591	
	Air factor	2.6	3	3.5					
	FND Nm³/h	42.1	34.6	27.4		32.3 x 30.4 x 82.3	285		
NGM 3	FND scfm	24.6	20.2	16.0	820 x 772 x 2090			628	
	Air factor	2.6	3	3.5					
	FND Nm³/h	83.9	69.5	54.7		32.3 x 57.9 x 82.3	445		
NGM 4	FND scfm	48.9	40.5	31.9	820 x 1470 x 2090			981	
	Air factor	2.6	3	3.5					
	FND Nm³/h	126.0	104.0	82.1		32.3 x 57.9 x 82.3	497		
NGM 5	FND scfm	73.5	60.7	47.9	820 x 1470 x 2090			1096	
	Air factor	2.6	3	3.5					
	FND Nm³/h	168.1	138.6	109.1					
NGM 6	FND scfm	98.1	80.9	63.6	820 x 1470 x 2090	32.3 x 57.9 x 82.3	535	1179	
	Air factor	2.6	3	3.5					
	FND Nm³/h	209.9	173.2	136.4					
NGM 7	FND scfm	122.4	101.0	79.6	820 x 1470 x 2090	32.3 x 57.9 x 82.3	571	1259	
	Air factor	2.6	3	3.5					

TECHNICAL SPECIFICATIONS NGM+ SERIES

TYPE		Nitroge	n purity		Dimensions	s (W x D x H)	Weight		
		95%	97%	99%	mm	in	kg	lbs	
	FND Nm³/h	24.3	16.5	8.5					
NGM 1 ⁺	FND scfm	14.1	9.6	4.9	820 x 772 x 2090	32.3 x 30.4 x 82.3	259	571	
	Air factor	2.2	2.7	4.2					
	FND Nm³/h	48.6	33.0	17.0					
NGM 2 ⁺	FND scfm	28.3	19.2	9.9	820 x 772 x 2090	32.3 x 30.4 x 82.3	268	591	
	Air factor	2.2	2.7	4.2					
	FND Nm³/h	72.9	49.5	25.5		32.3 x 30.4 x 82.3	285		
NGM 3 ⁺	FND scfm	42.4	28.8	14.8	820 x 772 x 2090			628	
	Air factor	2.2	2.7	4.2					
	FND Nm³/h	97.2	66.0	34.0		32.3 x 57.9 x 82.3	445		
NGM 4 ⁺	FND scfm	56.5	38.4	19.8	820 x 1470 x 2090			981	
	Air factor	2.2	2.7	4.2					
	FND Nm³/h	145.8	99.0	51.0		32.3 x 57.9 x 82.3	497		
NGM 5+	FND scfm	84.8	57.6	29.7	820 x 1470 x 2090			1096	
	Air factor	2.2	2.7	4.2					
	FND Nm³/h	194.4	132.0	68.0					
NGM 6+	FND scfm	113.0	76.7	39.5	820 x 1470 x 2090	32.3 x 57.9 x 82.3	535	1179	
	Air factor	2.2	2.7	4.2					
	FND Nm³/h	243.0	165.0	85.0					
NGM 7 ⁺	FND scfm	141.3	65.9	49.4	820 x 1470 x 2090	32.3 x 57.9 x 82.3	571	1259	
	Air factor	2.2	2.7	4.2					

FND: Free Nitrogen Delivery

Reference conditions

Compressed air effective inlet pressure: 8 bar(g)/116 psi(g). Nitrogen outlet pressure: 6.5 bar(g)/94 psi(g). Ambient air temperature: 20°C/68°F. Pressure dewpoint inlet air: 3°C/37°F.

Pressure dewpoint nitrogen: -40°C/-40°F.
Unit inlet air quality 1.4.1 according to ISO 8573-1:2010. Minimum refrigerant dryer required to precondition inlet air. Typical nitrogen quality 1.2.1 according to ISO 8573-1:2010.

Operating limits

Minimum ambient temperature: 5°C/41°F. Maximum ambient temperature: 50°C/122°F. Maximum compressed inlet air pressure 13 bar(g)/189 psi(g).



TECHNICAL SPECIFICATIONS NGP+ SERIES

			Nit	trogen puri	ty FND (Fr	ee Nitrogei	n Delivery)				Dimensions (W x D x H)		Weight	
TYPE		95%	97%	98%	99%	99.50%	99.90%	99.95%	99.99%	99.999%	mm	in	kg	lbs
	FND scfm	11	8.3	7.1	5.7	4.8	3.3	2.5	1.9	1.1				
NGP 8 ⁺	FND Nm³/h	18	14	12	9.6	8.1	5.7	4.3	3.1	1.9	775 x 840 x 2015	30 x 33 x 79	276	609
	Air factor FND scfm	1.9 14	2.0	2.1 9.1	2.4 7.3	2.6 6.1	3.2 4.3	3.5 3.2	4.3 2.4	6.3 1.5				
NGP 10+	FND Nm³/h	23	18	15	12	10	7.3	5.5	4.0	2.5	775 x 840 x 2015	30 x 33 x 79	289	637
	Air factor	1.9	2.0	2.1	2.4	2.6	3.2	3.5	4.3	6.3				
	FND scfm	17	13	11	8.9	7.5	5.3	4.0	2.9	1.8				
NGP 12+	FND Nm³/h	29 1.9	22 2.0	19 2.1	15 2.4	13 2.6	8.9 3.2	6.7 3.5	4.9 4.3	3.0	775 x 840 x 2015	30 x 33 x 79	312	688
	Air factor FND scfm	21	17	14	11	9.5	6.7	5.0	3.7	6.3 2.3				
NGP 15+	FND Nm³/h	36	28	24	19	16	11	8.5	6.3	3.8	775 x 840 x 2015	30 x 33 x 79	335	739
	Air factor	1.9	2.0	2.1	2.4	2.6	3.2	3.5	4.3	6.3				
NGP 20+	FND scfm	28 47	21 36	18 31	15 25	12 21	8.6 15	6.5 11	4.8 8.1	2.9 4.9	775 x 840 x 2015	20 , 22 , 70	367	809
NGP 20	FND Nm³/h Air factor	1.9	2.0	2.1	2.4	2.6	3.2	3.5	4.3	6.3	775 X 640 X 2015	30 x 33 x 79	307	609
	FND scfm	34	26	22	18	15	11	7.9	5.8	3.6				
NGP 25+	FND Nm³/h	57	44	38	30	25	18	13	9.9	6.0	775 x 840 x 2015	30 x 33 x 79	410	904
	Air factor	1.9	2.0	2.1	2.4	2.6	3.2	3.5	4.3	6.3				
NGP 30+	FND scfm FND Nm³/h	41 70	32 54	27 46	22 37	18 31	13 22	9.7 16	7.1 12	4.7 8.0	1400 x 840 x 2015	55 x 33 x 79	208	1341
1401 00	Air factor	1.9	2.0	2.1	2.4	2.6	3.2	3.5	4.3	5.6	1400 X 040 X 2010	00 X 00 X 70	200	1041
	FND scfm	51	39	33	27	23	16	12	8.7	5.7				
NGP 35+	FND Nm³/h	86	66	57	46	38	27	20	15	9.7	1400 x 840 x 2015	55 x 33 x 79	648	1429
	Air factor	1.9 55	2.0 43	2.1 36	2.4 29	2.6 25	3.2 17	3.5 13	4.3 9.5	5.6 6.2				
NGP 40+	FND scfm FND Nm³/h	94	72	62	50	42	29	22	16	11	1400 x 840 x 2015	55 x 33 x 79	681	1502
	Air factor	1.9	2.0	2.1	2.4	2.6	3.2	3.5	4.3	5.6				
	FND scfm	68	52	45	36	30	21	16	12	7.6				
NGP 50+	FND Nm³/h	115	89	76	61	51	36	27	20	13	1400 x 840 x 2015	55 x 33 x 79	734	1618
	Air factor FND scfm	1.9 76	2.0 58	2.1 51	2.4 40	2.6 34	3.2 24	3.5 19	4.3 14	5.6 9.4				
NGP 60+	FND Nm³/h	129	99	86	68	57	41	33	24	16	1400 x 970 x 2015	55 x 38 x 79	764	1685
	Air factor	1.9	2.1	2.2	2.4	2.7	3.3	3.5	4.3	5.6				
	FND scfm	93	72	62	49	41	29	24	17	11				
NGP 70*	FND Nm³/h Air factor	158 1.9	122 2.1	105 2.2	83 2.4	70 2.7	50 3.3	40 3.5	30 4.3	19 5.6	1400 x 970 x 2015	55 x 38 x 79	1039	2291
	FND scfm	-	91	72	59	51	36	29	21	13				
NGP 85+	FND Nm³/h	-	154	122	100	87	62	49	36	23	1400 × 970 × 2015	55 x 38 x 79	1209	2666
	Air factor	-	2.0	2.2	2.4	2.6	3.2	3.3	3.9	5.5				
NCD 100+	FND scfm	-	95	83	65	55	39	32	23 40	15	1400 070 2015	EE v 20 v 70	1200	2000
NGP 100+	FND Nm³/h Air factor	-	162 2.1	140 2.2	111 2.4	94 2.7	66 3.3	54 3.5	4.3	26 5.6	1400 x 970 x 2015	55 x 38 x 79	1209	2666
	FND scfm	306	248	215	176	149	106	81	62	40				
NGP 240+	FND Nm³/h	520	422	365	299	252	180	138	106	68	2230 x 1800 x 2610	88 x 71 x 103	3200	7055
	Air factor	1.8	2.0	2.1	2.3	2.6	3.1	3.3	4.0	5.3				
NGP 300+	FND scfm FND Nm³/h	394 670	320 543	277 470	227 385	192 325	137 232	105 178	80 136	51 87	2570 × 1800 × 2640	101 x 71 x 104	3800	8378
.401 000	Air factor	1.8	2.0	2.1	2.3	2.6	3.1	3.3	4.0	5.3	2370 X 1000 X 2040	101 / 1 / 104	5500	5576
	FND scfm	479	388	336	275	233	166	127	97	63				
NGP 360+	FND Nm³/h	813	660	571	468	395	282	216	165	106	2650 x 1800 x 2625	104 x 71 x 103	4800	10582
	Air factor FND scfm	1.8 564	2.0 458	2.1 396	2.3 324	2.6 274	3.1 196	3.3 150	4.0 115	5.3 74				
NGP 450+	FND Scim FND Nm³/h	959	458 778	673	551	466	333	255	195	125	2720 × 2300 × 3020	107 x 91 x 119	6400	14110
	Air factor	1.8	2.0	2.1	2.3	2.6	3.1	3.3	4.0	5.3	212505020		00	
	FND scfm	694	563	487	399	337	241	184	141	91				
NGP 550+	FND Nm³/h	1178	956	827	677	572	409	313	240	154	2850 x 2300 x 3050	112 x 91 x 120	7000	15432
	Air factor FND scfm	1.8 811	2.0 658	2.1 569	2.3 466	2.6 394	3.1 282	3.3 216	4.0 165	5.3 106				
NGP 650+	FND Nm³/h	1378	1118	967	792	670	478	366	280	180	2900 x 2300 x 3040	114 x 91 x 120	7700	16976
	Air factor	1.8	2.0	2.1	2.3	2.6	3.1	3.3	4.0	5.3				
Non co	FND scfm	1048	850	735	602	509	364	278	213	137				
NGP 800+	FND Nm³/h	1780	1444	1249	1023	865	618	473	362	232	3460 x 3120 x 3970	136 x 123 x 156	10300	22708
	Air factor FND scfm	1.8 1329	2.0 1078	2.2 932	2.4 764	2.6 646	3.2 461	3.4 353	4.1 270	5.4 173				
NGP 1000+	FND Nm³/h	2258	1831	1584	1298	1097	784	600	459	295	3660 x 3120 x 4175	144 x 123 x 164	12000	26455
	Air factor	1.8	2.0	2.2	2.4	2.6	3.2	3.4	4.1	5.4				20400
	FND scfm	1690	1371	1186	971	821	586	449	344	221				
NGP 1300+	FND Nm³/h Air factor	2871 1.8	2329	2014 2.2	1650 2.4	1395 2.6	996	762 3.4	584 4.1	375 5.4	3860 x 3120 x 4405	152 x 123 x 173	14200	31306
	All lactor	1.8	2.0	2.2	2.4	∠.७	3.2	3.4	4.1	5.4				

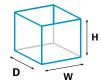
FND: Free Nitrogen Delivery

Reference conditions

Compressed air effective inlet pressure: 7.5 bar(g)/108 psi(g) for NGP, 7 bar(g)/102 psi(g) for NGP.
Nitrogen outlet pressure: 6 bar(g)/87 psi(g).
Ambient air temperature: 20°C/68°F.
Pressure dewpoint inlet air: 3°C/37°F.
Pressure dewpoint nitrogen: -50°C/-58°F.
Unit inlet air quality 1.4.1 according to ISO 8573-1:2010.
Minimum refrigerant dryer required to precondition inlet air.
Typical nitrogen quality 1.2.1 according to ISO 8573-1:2010.

Operating limits

Minimum ambient temperature: 5°C/41°F.
Maximum ambient temperature: 45°C/113°F for NGP,
60°C/140°F for NGP⁺.
Maximum compressed inlet air pressure 10 bar(g)/145 psi(g)
for NGP, 13 bar/189 psi(g) for NGP⁺.



TECHNICAL SPECIFICATIONS NGP SERIES

TYPE			Nit	rogen puri	ty FND (Fr	ee Nitroge	n Delivery)				Dimensions	(W x D x H)	Weight	
TYPE		95%	97%	98%	99%	99.50%	99.90%	99.95%	99.99%	99.999%	mm	in	kg	lbs
NGP 10	FND scfm FND Nm³/h	13.1 22.3	10.2 17.4	8.6 14.6	6.6 11.3	5.4 9.1	3.5 5.9	2.6 4.4	1.8 3.1	1.0 1.7	798 x 840 x 2022	31.4 × 33.1 × 79.6	244	538
NGP 12	FND scfm	16.9	13.2	11.1	8.5	6.9	4.5	3.4	2.3	1.3	798 x 840 x 2022	31.4 × 33.1 × 79.6	257	567
NGP 15	FND Nm³/h FND scfm	28.8 20.7	22.4 16.1	18.8 13.5	14.5 10.4	11.7 8.4	7.6 5.5	5.7 4.1	3.9 2.8	2.2 1.6	798 x 840 x 2022	31.4 x 33.1 x 79.6	270	595
NGF 15	FND Nm³/h FND scfm	35.2 26.3	27.4 20.5	23.0 17.2	17.7 13.2	14.3	9.3 6.9	7.0 5.2	4.8 3.6	2.7 2.0	736 X 640 X 2022	31.4 X 33.1 X 79.0	270	595
NGP 20	FND Nm³/h	44.7	34.9	29.3	22.5	10.7 18.2	11.8	5.2 8.9	6.1	3.4	798 x 840 x 2022	31.4 x 33.1 x 79.6	306	675
NGP 25	FND scfm FND Nm³/h	33.8 57.5	26.4 44.9	22.1 37.6	17.1 29.0	13.8 23.4	8.9 15.2	6.7 11.4	4.6 7.9	2.6 4.4	798 x 840 x 2022	31.4 x 33.1 x 79.6	339	747
NGP 30	FND scfm FND Nm³/h	41.3 70.3	32.3 54.9	27.0 46.0	20.9 35.5	16.8 28.6	10.9	8.2 14.0	5.7 9.7	3.1 5.3	798 x 840 x 2022	31.4 x 33.1 x 79.6	360	794
NGP 35	FND scfm	50.7	39.6	33.2	25.6	20.6	13.4	10.1	7.3	4.2	798 x 840 x 2022	31.4 × 33.1 × 79.6	599	1321
NGP 40	FND Nm³/h FND scfm	86.3 62.0	67.3 48.4	56.5 40.6	43.5 31.3	35.1 25.2	22.8 16.4	17.1 12.3	12.4 8.9	7.1 5.1	798 x 840 x 2022	31.4 x 33.1 x 79.6	627	1382
	FND Nm³/h FND scfm	105.5 67.6	82.3 52.7	69.1 44.3	53.2 34.1	42.9 27.5	27.9 17.9	20.9 13.4	15.2 9.7	8.7 5.6				
NGP 50	FND Nm³/h	115.0	89.7	75.3	58.0	46.8	30.4	22.8	16.5	9.5	798 x 840 x 2022	31.4 x 33.1 x 79.6	663	1462
NGP 60	FND scfm FND Nm³/h	82.7 140.7	52.7 109.8	44.3 92.1	34.1 70.9	27.5 57.2	17.9 37.2	13.4 27.9	9.7 20.2	5.6 11.6	798 x 840 x 2022	31.4 x 33.1 x 79.6	716	1579
NGP 70	FND scfm FND Nm³/h	93.9 159.7	71.3 121.2	60.4 102.7	51.2 87.0	41.3 70.2	26.8 45.6	19.1 32.5	13.6 23.1	8.3 14.2	798 x 840 x 2022	31.4 x 33.1 x 79.6	805	1775
NGP 85	FND scfm FND Nm³/h	-	71.3	60.4 125.6	51.2 106.4	41.3 85.8	26.8 55.8	19.1 39.8	13.6	8.3 17.4	798 x 840 x 2022	31.4 x 33.1 x 79.6	1018	2244
NGP 100	FND scfm FND Nm³/h		-	73.9	62.6	50.5	32.8	23.4	16.6	10.2	798 × 840 × 2022	31.4 × 33.1 × 79.6	1191	2626
NGP 115	FND scfm	-	-	138.1	108.8 64.0	91.2 53.6	59.1 34.8	27.3	34.0 20.0	20.5 12.1	798 x 840 x 2022	31.4 x 33.1 x 79.6	1191	2626
NGP 420	FND Nm³/h FND scfm	- 580.5	- 454.9	- 371.1	126.5 311.3	104.2 251.4	64.7 167.5	53.0 122.6	37.7 83.9	23.3 36.4	1240 × 2520 × 3160	48.8 x 99.2 x 124.4	4200	9259
	FND Nm³/h FND scfm	986.8 748.1	773.2 592.6	630.8 493.9	529.0 413.0	427.3 326.2	284.9 227.5	254.3 173.7	142.2 115.0	62.1 48.5				
NGP 550	FND Nm³/h	1271.7	1007.2	839.3	702.0	554.5	386.6	360.1	195.3	82.4	1420 x 2880 x 3330	55.9 x 113.4 x 131.1	4900	10803
NGP 900	FND scfm FND Nm³/h	1167.2 1983.9	868.0 1475.2	748.3 1271.7	628.4 1068.2	538.6 915.6	347.1 590.1	257.3 534.1	179.6 305.2	73.1 124.1	2480 x 2520 x 3160	97.6 x 99.2 x 124.4	8400	18519
NGP 1100	FND scfm FND Nm³/h	1556.3 2645.1	1197.1 2034.7	957.8 1627.8	808.0 1373.4	658.5 1119.1	418.9 712.2	305.2 632.8	227.5 386.6	77.7 132.3	2840 x 2880 x 3330	111.8 x 113.4 x 131.1	9800	21605

TECHNICAL SPECIFICATIONS OGP SERIES

TVDE		Oxygen purity FOD (Free Oxygen Delivery		Dimensions	s (W x D x H)	We	Weight		
TYPE		90%	93%	95%	mm	in	kg	lbs		
OGP 2	FOD Nm³/h	2.1	1.6	1.5	600 × 600 × 1550	23.6 × 23.6 × 61.0	100	220		
OGF 2	FOD scfm	1.3	1.1	0.8	000 X 000 X 1550	23.0 X 23.0 X 01.0		220		
OGP 3	FOD Nm³/h	3.2	2.5	2.5	600 × 600 × 1600	23.6 x 23.6 x 63.0	150	331		
OGF 3	FOD scfm	1.9	1.5	1.5	000 x 000 x 1000	25.0 x 25.0 x 05.0	150	331		
OGP 4	FOD Nm³/h	4.0	3.6	3.2	600 × 600 × 1650	23.6 x 23.6 x 65.0	180	397		
Odi 4	FOD scfm	2.3	2.1	1.9	000 x 000 x 1000	25.0 x 25.0 x 05.0	100	337		
OGP 5	FOD Nm³/h	4.7	4.3	4.0	700 × 700 × 1900	27.6 x 27.6 x 74.8	230	507		
odi o	FOD scfm	2.8	2.5	2.3	700 X 700 X 1000	21.0 X 21.0 X 74.0	200	307		
OPG 6	FOD Nm³/h	6.5	5.8	5.4	800 × 900 × 1750	31.5 x 35.4 x 68.9	400	882		
01 0 0	FOD scfm	3.8	3.4	3.2	000 x 000 x 1700	01.0 x 00.4 x 00.0	400	002		
OGP 8	FOD Nm³/h	7.9	7.2	6.8	800 x 900 x 1750	31.5 x 35.4 x 68.9	700	1543		
odi o	FOD scfm	4.7	4.2	4.0	000 X 000 X 1700		700	10-10		
OGP 10	FOD Nm³/h	9.7	9.0	8.3	900 x 1200 x 2100	35.4 x 47.2 x 82.7	950	2094		
00. 10	FOD scfm	5.7	5.3	4.9	000 X 1200 X 2100			2001		
OGP 14	FOD Nm³/h	14.4	13.3	12.2	900 x 1200 x 2100	35.4 x 47.2 x 82.7	950	2094		
00	FOD scfm	8.5	7.8	7.2	000 X 1200 X 2100	00:1 X 17.2 X 02:7		2001		
OGP 18	FOD Nm³/h	15.5	18.4	18.4	900 x 1300 x 2400	35.4 x 51.1 x 94.5	1150	2535		
	FOD scfm	9.1	10.8	10.8						
OGP 20	FOD Nm³/h	20.5	19.4	18.4	1000 x 1300 x 2400	39.4 x 51.1 x 94.5	1150	2535		
	FOD scfm	12.1	11.4	10.8						
OGP 23	FOD Nm³/h	23.4	21.2	20.5	1000 x 1300 x 3200	39.4 x 51.1 x 126.0	1350	2976		
00. 20	FOD scfm	13.8	12.5	12.1	1000 X 1000 X 0200	00.1 X 0 1.1 X 120.0		2070		
OGP 29	FOD Nm³/h	29.2	27.7	26.3	1000 x 2000 x 2500	39.4 × 78.7 × 98.4	1850	4079		
	FOD scfm	17.2	16.3	15.5						
OGP 35	FOD Nm³/h	35.3	33.1	31.7	1000 x 2000 x 2500	39.4 x 78.7 x 98.4	2150	4740		
	FOD scfm	20.8	19.5	18.6				·		
OGP 45	FOD Nm³/h	45.4	42.8	39.2	1000 x 2000 x 3400	39.4 x 78.7 x 134.0	3500	7716		
	FOD scfm	26.7	25.2	23.1						
OGP 55	FOD Nm³/h	55.8	51.8	49.0	1000 x 2000 x 3400	39.4 x 78.7 x 134.0	3500	7716		
	FOD scfm	32.8	30.5	28.8						
OGP 65	FOD Nm³/h	66.2	64.1	56.9	1000 x 2000 x 3400	39.4 x 78.7 x 134.0	3500	7716		
	FOD scfm	39.0	37.7	33.5						
OGP 84	FOD Nm³/h	85.3	79.2	74.2	2400 x 2200 x 3200	94.5 x 86.6 x 126.0	4200	9259		
	FOD scfm	50.2	46.6	43.6						
OGP 105	FOD Nm³/h	106.9	101.9	93.6	2400 x 2400 x 3300	94.5 x 94.5 x 130.0	4900	10803		
	FOD scfm	62.9	59.9	55.1						
OGP 160	FOD Nm³/h	157.7	154.8	143.6	4000 x 4000 x 3200	157.5 x 157.5 x 126.0	8000	17637		
	FOD scfm	92.8	91.1	84.5						
OGP 200	FOD Nm³/h	203.8	188.3	175.0	4000 x 4000 x 3300	157.5 x 157.5 x 130.0	9400	20723		
	FOD scfm	119.9	110.8	102.9						

FOD: Free Oxygen Delivery

Reference conditions
Compressed air effective inlet pressure: 7.5 bar(g)/108 psi(g). Oxygen outlet pressure: 5 bar(g)/72 psi(g). Ambient air temperature: 20°C/68°F. Ambient air einperature: 20 C/80 F.
Pressure dewpoint inlet air: 3°C/37°F.
Pressure dewpoint oxygen: -50°C/-58°F.
Unit inlet air quality 1.4.1 according to ISO 8573-1:2010.
Minimum refrigerant dryer required to precondition inlet air.
Typical oxygen quality 1.2.1 according to ISO 8573-1:2010.

Minimum ambient temperature: 5°C/41°F. Maximum ambient temperature: 45°C/113°F. Maximum compressed inlet air pressure 10 bar(g)/145 psi(g).

COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.



