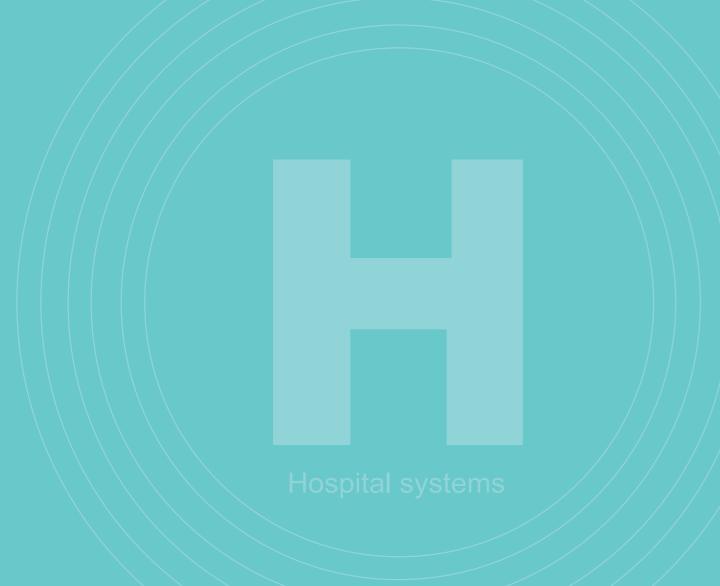
item Generators

Nitrogen and oxygen self generator system



itemoxygen®

itemoxygen



Hospital Systems

Item Oxygen offers Technical Design Studies, Clinical Engineering and Technical Management through skilled professionals, whose goal is to offer a consultation and analysis service, always being attentive to the needs of the end client whilst respecting the National and European norms.

For many years Item Oxygen has been supporting private and public health facilities with the design, risk analysis, construction and management of medical gas plants and for vacuum and scavenging of anaesthetic gas.

A secure supply of nitrogen and oxygen

Whether your company is specialized in chemical manufacturing, electonics, laser cutting or food and beverage, a depenable 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 saving to continuous availability. This is exactly what item oxygen provides. Our advanced nitrogen and oxygen generators offer you that ultimate solution: flexible on-site production of industrial gas at the lowest possible cost.

Benefit of on-site nitrogen and oxygen

- -Your own indipendent supply of industrial gas.
- -No-stopavailability: 24 hours a day, 7 days a week.
- -Significant economies of scale and lower operational costs: no rental charges, trasport expenses and bulkuser evaporation losses.
- -No safety hazards when handling high-pressure cylinders.
- -Easy integration whitin wxisting compressed air installations.

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.

Meeting any need

Item Oxygen's nitrogen and oxygen generators offer a cost-effective means for on-site gas generation. Including models sized for a wide range of flow rates and product purities, these generators are renowned for their exceptional versatility and efficiency. Generators based on both Pressure Swing Absorption (PSA) and membrane technologies are available.

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.



PSA: Reliable and proven

Based on Pressure Swing Adsorption (PSA) technology, Item oxygen's NGP Nitrogen Generators and OGP Oxygen Generators provide a continuos flow of nitrogen and oxygen at desired purity.

High purity nitrogen supply up to 99.999%

Item Oxygen's NGP Nitrogen Generators use Pressure Swing Adsorption technology to isolate nitrogen molecules from other molecules in compressed air. Oxygen, CO2, steam and other gases are adsorbed. The result is virtually pure nitrogen at the outlet of the generator. The NGP Series is a very cost-efficient source of nitrogen used in various industries like food and beverage, metal processing, electronics, and many others.

For all your oxygen needs

The OGP Oxygen Generator works in a similar way, using Pressure Swing Adsorption technology to isolate oxygen molecules from other molecules in compressed air to leave high purity oxygen at the outlet of the generator. The OGP Series provides cost-efficient oxygen for applications such as waste water treatment, ozone production, health care, and the glass industry.



Total solutions from Item Oxygen

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

A unique offer

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

From advanced compressors and quality air solutions over a complete range of nitrogen and oxygen generators to aftermarket and financing services, Item oxygen brings you its world-class expertise in a unique offer.



Oil-free compressors

Item oxygen, pioneer in the development of oil-free air technology, offers a full range of premium compressors delivering 100% oil-free clean air to protect the membrane or absorbent in nitrogen generators. There is no need for extra filtration, making sure the pressure drop is kept to a minimum.



Integrated into the production floor, Item Oxygen's oil-injected compressors provide a dependable flow of compressed air directly to the point of use. Built to perform in harsh environments, Item Oxygen compressors keep your production running smoothly and reliably: a very economical solution in combination with nitrogen and oxygen generators.



Item oxygen has innovatively developed and improved air compression and drying techniques. Whaterver your installation, application or quality requirements, Item Oxygen can offer the right air treatment solution, such as dryers (desiccant, refrigerant, membrane) and filters (coalescing, particle, active carbon).









NGM nitrogen generators

Based on innovative membrane technology, Item Oxygen's NGM Nitrogen Generators are flexible enough to adapted to your specific applications. They offer an excellent return on investment with low operating costs.

Ready to use

- -Robust design.
- -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.

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.

NGP (nitrogen) & OGP (oxygen)

Item Oxygen's 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 2,000 Nm³/h (NGP) make these generators ideal for a variety of demanding applications.

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.

Desired purity

- -NGP: nitrogen concentrations from 95% to 99.999%.
- -OGP: oxygen concentrations from 90% to 95%.

Ready to use

- -Requires only a supply of dry compressed air.
- -Plug-and-play.
- -No specialist installation or commissioning. -Fully automated and monitored including oxygen sensor as standard.
- -Service-friendly.

Cost savings

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

Superior monitoring and control

You can rely on Item Oxygen's nitrogen and oxygen generators to perform efficiently day in, day out. To guarantee maximum uptime, continuous surveillance is a must.

Peace of mind

By properly monitoring your nitrogen/oxygen system you cannot only decrease downtime but also save energy and reduce maintenance. The nitrogen and oxygen generators come with the following advanced control unit:

- -4-inch touch screen.
- -2 analogue parameters (Purity & Pressure), with the opportunity to expand with more analogue components.
- -User-friendly interface with six buttons (home, operation, process, log view, settings & alarm).
- -Visual Alarm indication and service alarm in all screens.
- -Alarm log with date, time and information.
- -'Run time' and countdown to service.
- -Password protected operation parameters.
- -Graphic log view on analogue parameters.
- -Process illustration with valve cycle indication, graph showing pressure and current operation values.
- -Remote control and connectivity functions.

Mulas Copco Maio Screen Pressure PEL Pustry CA01 Pressure State Rev. 1940 Base Mid-UD-VVVV F1 F2 F3 F4

Your one-stop shop for O2 and N2

From custom designed equipment to rental contracts, and from financing solutions to service kits, Item oxygen is your one-stop global shop for all your compressed air, nitrogen and oxygen requirements.

Custom Design

Item Oxygen's Custom Design provides bespoke compressors and systems to operate, often in remote locations, at extreme temperatures or in harsh environments. These teams draw on over 100 years of compressor development geared to creating efficient, innovative and value-packed products.

Rent your equipment

Item Oxygen Specialty Rental offers the largest fleet of 100% oil-free diesel and electric compressors in the world. In addition you can rent a wide range of generators as well as nitrogen and oxygen equipment to meet your requirements.

Single source spare parts

From now on you can rely on one single source for all your spare parts. When installed by an Item Oxygen technician, his experience and training will keep downtime to the minimum and ensure your equipment is kept in top condition.

Customer financing solution

Offering a one-stop solution, Item Oxygen Customer Finance makes it easier for you to complete your investment in Item oxygen equipment. We provide competitive rates and the possibility to choose from flexible solutions to suit your needs.

Ideal for wide range of applications

- -Marine
- -Oil and gas
- -Power generation
- -Food

Options

Some applications may require or benefit from additional options and more refined control and nitrogen/oxygen treatment systems. To meet these needs, Item Oxygen has developed options and easily integrated compatible equipment providing the lowest cost nitrogen and oxygen generation.



NGN -Perr

NGM SERIES

- -Permeate vent kit.
- -Oil indicator.
- -PDP sensor.
- -Flow sensor.



OGP SERIES
-O2 flow meter.
-inlet PDP

measurement/alarm.



NGP SERIES
-N2 flow meter.
-Inlet PDP
measurement/alarm.

NGM series: technical specifications

NGM TYPE		Nitroger	n purity		Dimensions (Wx DxH)	Weight		
NGM ITPE		95%	96%	97%	mm	in	kg	lbs	
	FND I/s	3,3	2,7	2,1					
NGM 1	FND m ³ /h	11,8	9,7	7,5	820 x 772 x 2090	32,3 x 30,4 x 82,3	259	571	
	FND cfm	6,9	5,67	4,4					
	FND I/s	6,7	5,4	4,2	820 x 772 x 2090	32,3 x 30,4 x 82,3	268		
NGM 2	FND m ³ /h	24,1	19,4	15,1				591	
	FND cfm	14	11,3	8,8					
	FND I/s	11,7	9,6	7,6	820 x 772 x 2090	32,3 x 30,4 x 82,3	285		
NGM 3	FND m³/h	42,1	34,5	27,3				628	
	FND cfm	24,5	20,1	16,0					
	FND I/s	23,3	19,3	15,2	820 x 1470 x 2090	32,3 x 57,9 x 82,3	445		
NGM 4	FND m ³ /h	83,8	69,5	54,7				981	
	FND cfm	48,9	40,5	31,9					
	FND I/s	35,0	28,9	22,8		32,3 x 57,9 x 82,3	497	1096	
NGM 5	FND m³/h	126,0	104,0	82,1	820 x 1470 x 2090				
	FND cfm	73,5	60,7	47,8					
	FND I/s	46,7	38,5	30,3	820 x 1470 x 2090	32,3 x 57,9 x 82,3	535		
NGM 6	FND m³/h	168,1	138,6	109				1179	
	FND cfm	98,1	80,85	63,6					
	FND I/s	58,3	48,1	37,9		90 32,3 x 57,9 x 82,3 57 1	571		
NGM 7	FND m ³ /h	209,8	173,1	136,4	820 x 1470 x 2090			1259	
	FND cfm	122,4	101,0	79,6					

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).

NGML-7

Please check the table above for detailed dimensions.



NGP series: technical specifications

TIPO NGP	Purezza azoto FND (Free Nitrogen Delivery, portata in azoto libera)								Dimensioni (LxPxA)		Peso					
		95%	97%	98%	99%	99,50%	99,90%	99,95%	99,99%	99,999%	mm	poll.	kg	lb		
	FND I/s	2,8	2,2	1,8	1,4	1,2	0,8	0,5	0,5	0,2	720 v 600		100	220		
NGP 4	FND m ³ /h	10,0	7,9	6,6	5,0	4,3	2,7	2,3	2,3	0,7	720 x 600 x 1530	28,3 x 26,6 x 60,2				
	FND cfm	5,9	4,7	3,8	3,0	2,5	1,7	1,1	1,1	0,4	X 1000	X 00,2				
	FND I/s	5,8	4,4	4,0	2,8	2,5	1,7	1,1	0,8	0,5	720 x 600 x 1530	20 2 - 20 0	140	308		
NGP 9	FND m ³ /h	20,9	15,8	14,2	10,2	9,2	6,1	5,0	3,1	1,6		28,3 x 26,6 x 60,2				
	FND cfm	12,3	9,3	8,5	5,9	5,3	3,6	2,3	1,7	1,1	X 1000	X 00,2				
	FND I/s	7,9	6,2	5,7	4,2	3,2	2,4	1,4	1,3	0,7	720 x 600	28,3 x 26,6		353		
NGP 11	FND m ³ /h	28,5	22,4	20,3	15,3	11,4	8,6	6,2	4,7	2,5	x 1550		160			
	FND cfm	16,7	13,1	12,1	8,9	6,8	5,1	3,0	2,8	1,5	X 1000	X 01,0				
	FND I/s	8,8	7,1	6,4	4,8	4,2	2,5	2,0	1,6	0,8	750 x 750 x 1811	28,3 x 28,3	230	507		
NGP 15	FND m ³ /h	31,5	25,4	22,9	17,3	15,3	9,2	8,7	5,6	3,1		x 71,3				
	FND cfm	18,6	15,0	13,6	10,2	8,9	5,3	4,2	3,4	1,7						
	FND I/s	12,7	10,2	9,0	7,1	5,9	3,5	2,5	1,7	1,0	750 x 750	28,3 x 28,3	230	507		
NGP 21	FND m ³ /h	45,8	36,6	32,6	25,4	21,4	12,7	11,2	7,4	4,3	x 1811	x 71,3				
	FND cfm	26,9	21,6	19,1	15,0	12,5	7,4	5,3	3,6	2,1	X 1011	X 7 1,0				
	FND I/s	20,4	16,7	14,3	11,0	8,5	5,5	4,0	2,4	1,2	800 x 850 x 1620	31,5 x 33,5 x 63,8		882		
NGP 30	FND m ³ /h	73,3	59,0	51,4	39,7	30,5	19,8	17,5	8,6	4,3			400			
	FND cfm	43,2	35,4	30,3	23,3	18,0	11,6	8,5	5,1	2,5	X 1020	х оо,о				
	FND I/s	25,4	20,6	17,9	13,9	11,3	6,9	5,1	3,4	1,7	800 x 850 x 2105	31,5 x 33,5	1	970		
NGP 40	FND m ³ /h	91,6	74,1	64,3	50,1	40,7	24,8	22,4	12,2	6,1		x 82,9	440			
	FND cfm	53,8	43,6	37,9	29,4	23,9	14,6	10,8	7,2	3,6						
NGP 47	FND I/s	29,7	23,5	20,6	16,1	13,3	8,2	5,9	3,7	1,9	800 x 1120 x 2000	800 x 1120	31,5 x 44,1			
	FND m ³ /h	106,8	84,4	74,3	58,0	47,8	29,5	26,0	13,2	6,9		x 78,7	750	1653		
	FND cfm	62,9	49,8	43,6	34,1	28,2	17,4	12,5	7,8	4,0						
	FND I/s	36,7	31,1	26,9	20,9	17,5	10,5	7,6	4,8	2,1	800 x 1120 x 2000	31,5 x 44,1				
NGP 62	FND m ³ /h	132,3	111,9	96,6	75,3	63,1	37,6	33,5	17,3	7,6			750	1653		
	FND cfm	77,7	65,9	57,0	44,3	37,1	22,2	16,1	10,2	4,4						
	FND I/s	43,8	36,2	31,4	24,6	20,6	12,2	9,0	5,7	3,1	860 x 1190 x 2299	33,9 x 46,9				
NGP 73	FND m ³ /h	157,7	130,2	112,9	88,5	74,3	43,7	39,7	20,3	11,2		x 90,5	900	1984		
	FND cfm	92,8	76,7	66,5	52,1	43,6	25,8	19,1	12,1	6,6						
	FND I/s	56,5	47,2	41,0	32,5	26,0	15,5	11,3	7,1	4,0	860 x 1330 x 2299		33,9 x 52,4		2535	
NGP 92	FND m ³ /h	203,5	169,9	147,5	117,0	93,6	56,0	49,6	31,0	17,3			x 90,5	1150		
	FND cfm	119,7	100,0	86,8	68,8	55,1	32,8	23,9	15,0	8,5			- 1			
	FND I/s	67,8	55,1	48,0	37,9	31,7	18,7	14,1	9,9	5,7	1000 x 1640 x 2480		39,4 x 64,6		4079	
NGP 112	FND m³/h	244,2	198,4	173,0	136,3	113,9	67,1	62,1	35,6	20,3			x 97,6	1850		
	FND cfm	143,6	116,7	101,7	80,3	67,1	39,6	29,9	21,0	12,1						
1150.405	FND I/s	113,0	90,4	79,1	61,6	52,3	36,7	31,1	19,2	8,5	1000 x 1765	39,4 x 69,5				
NGP 185	FND m³/h	406,9	325,6	284,9	221,8	188,2	132,3	136,3	69,2	30,5	x 2530	x 99,6	2150	4740		
	FND cfm	239,3	191,5	167,5	130,5	110,8	77,7	65,9	40,7	18,0						
NGP 250	FND I/s FND m ³ /h	161,1	127,2 457,8	102,0 367,3	86,2 310,3	70,7 254,3	48,0	35,3 155,7	24,0	10,2	1000 x 1965 x 2970	39,4 x 77,4	3200	7055		
		579,9					173,0		86,5	36,6		x 117,0	3200	/055		
	FND cfm	341,2	269,4	216,0	182,6	149,7	101,7	74,8	50,8	21,6						
NCD 420	FND I/s	274,1	214,8	175,2	147,0	118,7	79,1	57,9	39,6	17,2	1240 x 2520	48,8 x 99,2	4200	0250		
NGP 420	FND m³/h	986,8	773,2	630,8	529,0	427,3	284,9	254,3	142,2	62,1	x 3160	x 124,4	4200	9259		
	FND cfm FND I/s	580,5 353,2	454,9 279,8	371,1 233,2	311,3 195,0	251,4 154,0	167,5 107,4	122,6 82,0	83,9	36,4						
NCDEEO	FND m ³ /h								54,3	22,9	1420 x 2880	55,9 x 113,4	4900	10002		
NGP 550		1271,7	1007,2	839,3	702,0	554,5	386,6	360,1	195,3	82,4	x 3330	x 131,1	4900	10803		
	FND cfm FND I/s	748,1 551,1	592,6 409,8	493,9 353,3	413,0 296,7	326,2 254,3	227,5 163,9	173,7 121,5	115,0 84,8	48,5 34,5	2480 x 2520 x 3160	2480 x 2520 97				
NGP 900	FND m ³ /h	1983,9	1475,2	1271,7	1068,2	254,3 915,6	590,1	534,1	305,2	34,5 124,1			97,6 x 99,2	8400	18519	
NGP 900	FND m ² /h FND cfm	1983,9	868,0	748,3	628,4	915,6 538,6	347,1	257,3	179,6	73,1			8400	10519		
	FND I/s	734,8	565,2	748,3 452,2	381,5	310,9	197,8	144,1	179,6	36,7						
NGP 1100	FND m ³ /h	734,8 2645,1	2034,7	1627,8	1373,4	1119,1	712,2	632,8	386,6	132,3	2840 x 2880	111,8 x 113,4	9800	21605		
NGP 1100	FND m ⁻ /n	1556,3	1197,1	957,8	808,0	658,5	418,9	305,2	227,5		x 3330	x 131,1	9800	21005		
D 1:	FND CTM	1550,3	1197,1	957,8	808,0	058,5	418,9	305,2	221,5	77,7		I				

FND: Free Nitrogen Delivery

Reference conditions:

Compressed air effective inlet pressure: 7.5 bar(g)/108 psi(g).

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.

Maximum compressed inlet air pressure 10 bar(g)/145 psi(g).

Please check the table above for detailed dimensions.



OGP series: technical specifications

TIPO OGP	Purezza ossigeno	FOD (Free Oxygen Delivery, portata in ossigeno libera)			Dimensioni	(LxPxA)	Peso		
		90%	93%	95%	mm	poll.	kg	lb	
	FOD. I/s	0,6	0,5	0,4					
OGP 2	FOD. m ³ /h	2,1	1,6	1,5	600 x 600 x 1550	23,6 x 23,6 x 61,0	100	220	
	FOD cfm	1,3	1,1	0,8					
	FOD. I/s	0,9	0,7	0,7					
OGP 3	FOD. m ³ /h	3,2	2,5	2,5	600 x 600 x 1600	23,6 x 23,6 x 63,0	150	331	
	FOD cfm	1,9	1,5	1,5					
	FOD. I/s	1,1	1,0	0,9					
OGP 4	FOD. m ³ /h	4,0	3,6	3,2	600 x 600 x 1650	23,6 x 23,6 x 65,0	180	397	
	FOD cfm	2,3	2,1	1,9					
	FOD. I/s	1,3	1,2	1,1					
OGP 5	FOD. m ³ /h	4,7	4,3	4,0	700 x 700 x 1900	27,6 x 27,6 x 74,8	230	507	
	FOD cfm	2,8	2,5	2,3					
	FOD. I/s	1,8	1,6	1,5					
OGP 6	FOD. m ³ /h	6,5	5,8	5,4	800 x 900 x 1750	31,5 x 35,4 x 68,9	400	882	
	FOD cfm	3,8	3,4	3,2					
	FOD. I/s	2,2	2,0	1,9	800 x 900 x 1750	31,5 x 35,4 x 68,9	700	1543	
OGP 8	FOD. m ³ /h	7,9	7,2	6,8					
	FOD cfm	4,7	4,2	4,0					
	FOD. I/s	2,7	2,5	2,3	900 x 1200 x 2100	35,4 x 47,2 x 82,7	950	2094	
OGP 10	FOD. m ³ /h	9,7	9,0	8,3					
	FOD cfm	5,7	5,3	4,9					
	FOD. I/s	4,0	3,7	3,4	00012002100	25 4 47 2 02 7	050	2004	
OGP 14	FOD. m³/h	14,4	13,3	12,2	900 x 1200 x 2100	35,4 x 47,2 x 82,7	950	2094	
	FOD cfm FOD, I/s	8,5	7,8	7,2					
00010	FOD. 1/S FOD. m ³ /h	4,3	5,1	5,1	900 x 1300 x 2400	25 4 51 1 04 5	1150	2525	
OGP 18	FOD. m /n FOD cfm	15,5	18,4 10,8	18,4 10,8	900 X 1300 X 2400	35,4 x 51,1 x 94,5	1150	2535	
	FOD.I/s	9,1 5,7	5,4	5,1					
OGP 20	FOD. n/3	20,5	19,4	18,4	1000 x 1300 x 2400	39,4 x 51,1 x 94,5	1150	2535	
OGF 20	FOD cfm	12,1	11,4	10,8	1000 x 1300 x 2400		1150		
	FOD. I/s	6,5	5,9	5,7					
OGP 23	FOD, m ³ /h	23,4	21,2	20,5	1000 v 1300 v 3200	39,4 x 51,1 x 126,0	1350	2976	
001 23	FOD cfm	13,8	12,5	12,1	1000 X 1300 X 3200				
	FOD. I/s	8,1	7,7	7,3					
OGP 29	FOD, m ³ /h	29,2	27,7	26,3	1000 x 2000 x 2500	39,4 x 78,7 x 98,4	1850	4079	
	FOD cfm	17,2	16,3	15,5					
	FOD. I/s	9,8	9,2	8,8					
OGP 35	FOD. m ³ /h	35,3	33,1	31,7	1000 x 2000 x 2500	0 39,4 x 78,7 x 98,4	2150	4740	
	FOD cfm	20,8	19,5	18,6					
	FOD. I/s	12,6	11,9	10,9				7716	
OGP 45	FOD. m ³ /h	45,4	42,8	39,2	1000 x 2000 x 3400	0 39,4 x 78,7 x 134,0	3500		
	FOD cfm	26,7	25,2	23,1					
	FOD. I/s	15,5	14,4	13,6					
OGP 55	FOD. m ³ /h	55,8	51,8	49,0	1000 x 2000 x 3400	39,4 x 78,7 x 134,0	3500	7716	
	FOD cfm	32,8	30,5	28,8					
	FOD. I/s	18,4	17,8	15,8					
OGP 65	FOD. m³/h	66,2	64,1	56,9	1000 x 2000 x 3400	0 39,4 x 78,7 x 134,0	3500	7716	
	FOD cfm	39,0	37,7	33,5					
OGP 84	FOD. I/s	23,7	22,0	20,6					
	FOD. m ³ /h	85,3	79,2	74,2	2400 x 2200 x 3200	94,5 x 86,6 x 126,0	4200	9259	
	FOD cfm	50,2	46,6	43,6					
OGP 105	FOD. I/s	29,7	28,3	26,0	2400 2400		4000	40	
	FOD. m³/h	106,9	101,9	93,6	2400 x 2400 x 3300) 94,5 X 94,5 X 130,0	4900	1080	
	FOD cfm	62,9	59,9	55,1					
OGP 160	FOD. I/s FOD. m ³ /h	43,8	43,0	39,9	4000 × 4000 × 220	0 157,5 x 157,5 x 126,0	0 8000	1763	
	FOD. m ⁻ /h FOD cfm	157,7 92,8	154,8 91,1	143,6 84,5	4000 x 4000 x 3200				
	FOD cim	92,8 56,6	52,3	48,6					
OGP 200	FOD. 1/S FOD. m ³ /h	203,8	188.3	175,0	4000 v 4000 v 220) 157,5 x 157,5 x 130,	9400	20723	
Odr 200	FOD cfm	119,9	110,8	102,9	4000 X 4000 X 3301	, ו ISU א כ, <i>ו</i> כו א כ, <i>ו</i> כו י	3400	20/23	

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.
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.

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. Operating limits:

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).

OGP2-200

Please check the table above for detailed dimensions.



Nitrogen and oxygen self generator system





Driven by innovation

With more than 20 years of innovation and experience, Item Oxygen will deliver the products and services to help maximize your company's efficiency and productivity. As an industry leader, we are dedicated to offering high air quality at the lowest possible cost of ownership. Through continuous innovation, we strive to safeguard your bottom line and bring you peace of mind.



Building on interaction

As part of our long-term relationship with our customers, we have accumulated extensive knowledge of a wide diversity of processes, needs and objectives. This gives us the flexibility to adapt and efficiently produce customized compressed air solutions that meet and exceed your expectations.



A committed business partner

With a presence in over 170 countries, we will deliver high-quality customer service anywhere, anytime. Our highly skilled technicians are available 24/7 and are supported by an efficient logistics organization, ensuring fast delivery of genuine spare parts when you need them. We are committed to providing the best possible know-how and technology to help your company produce, grow, and succeed. With Item Oxygen you can rest assured that your superior productivity is our first concern!









