

Oxygen Generators

Discover oxygen gas production with NitroxTec's superior quality and modern technology. PSA technology is applied to separate oxygen gas from compressed air. Thanks to the PSA technology that enables to produce oxygen gas with a purity range of 90% - 95% at a capacity of 0,5 - 385 Nm³/hour. Instead of purchasing an oxygen cylinder, why doesn't anyone produce oxygen gas on-site at low costs? NitroxTec; Oxygen generators have the modern technology required to produce oxygen gas. Our NitroxTec oxygen generators; Thanks to modern PSA technology which is the reliable, sustainable and cost-effective source of oxygen gas.

Oxygen Generators are used in various sectors where oxygen gas is needed. It's a very important option for companies that value sustainability and profitability. NitroxTec allows you to become a professional oxygen gas producer with an on-site oxygen generator by producing the oxygen gas yourself. Buy uninterrupted ENERGY at low costs having the option of professionally and sustainably pure

oxygen gas anytime, anywhere with a purity suitable for your production;

-You can produce the amount of oxygen gas you need.

-You can get rid of operating expenses with low air consumption and minimum cost.

-Achieve energy efficiency by using the advantage provided by the 'ON-SITE PRODUCTION and PLUG & START' system.

Please contact us for our less costly, safe and alternative products that suit your needs.



Low Operation and Maintenance Expenses

Long maintenance period

High quality equipment

Economical spare parts and service costs

Exhaust and valve systems that do not require maintenance or replacement

Our Advantages:

Nitroxtec Oxygen Generator; which is fully tested and safe.

It has been proven in hundreds of applications in the fields around the World.

It provides excellent cost savings by producing sustainable oxygen gas with the desired purity.

Control with touch screen.

Oxygen gas parameters produced with superior modern technology can be instantly monitored and recorded on the screen.

It is designed with an automatic start and stop system according to your oxygen gas consumption.

Site-specific production can be made according to customer needs.

It is fully automatic and operates on a 24/7 basis.

It can be controlled online remotely.

It is produced according to the '**ON-SITE PRODUCTION and PLUG & START ON-SITE**' system.

Control valves are of European origin, have long-lasting, robust exhaust and valve technology that does not require maintenance or replacement.

You can adjust the purity level in NitroxTec oxygen generators.

You can encounter our NitroxTec oxygen generators all over the world.

In addition to our PSA principle oxygen generators, we also have VPSA and Cryogenic oxygen production systems.

INLET PRESSURE AIR CORRECTION FACTORS			
4 BAR	5 BAR	6 BAR	7 BAR
0,75	0,9	1	1

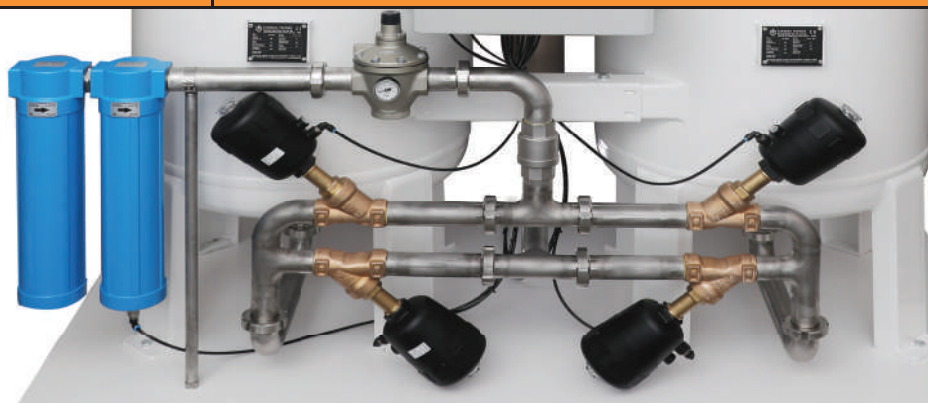
COMPRESSED AIR INLET 7 BAR G			
PURITY	%90	%93	%95
AIR/GAS RATIO	9	10	11

AIR INTAKE HEAT CORRECTION FACTORS							
5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C
0,95	1,03	1,02	1	1	0,92	0,81	0,70



OXYGEN PRODUCTIONS (Nm³/hour)

MODEL	%90	%93	%95	DIMENSIONS "mm"			WEIGHT kg	CONNECTION SIZE BSP FEMALE	ELECTRIC POWER
				LENGHT	WIDHT	HEIGHT			
Oxytech -01	0,60	0,6	0,50	520	440	1150	45	½"	230 V AC 50-60 Hz 150 W
Oxytech -02	1,20	1,1	1,00	680	480	1400	85	½"	230 V AC 50-60 Hz 150 W
Oxytech -03	2,40	2,3	2,00	680	500	1530	120	½"	230 V AC 50-60 Hz 150 W
Oxytech -04	3,60	3,4	3,00	800	515	1500	165	½"	230 V AC 50-60 Hz 150 W
Oxytech -05	7,00	6	5,00	1120	560	1800	290	¾"	230 V AC 50-60 Hz 150 W
Oxytech -06	8,90	8,1	7,10	1120	570	1950	390	1"	230 V AC 50-60 Hz 150 W
Oxytech -07	10,00	9	8,00	1200	650	1800	390	1"	230 V AC 50-60 Hz 150 W
Oxytech -08	12,00	11	10,00	1260	650	2050	570	1"	230 V AC 50-60 Hz 150 W
Oxytech -09	14,50	13,2	12,00	1250	735	2050	660	1"	230 V AC 50-60 Hz 150 W
Oxytech -10	16,00	14	13,00	1400	725	1900	740	1"	230 V AC 50-60 Hz 150 W
Oxytech -11	18,80	16,8	15,50	1400	725	2150	850	1 ½"	230 V AC 50-60 Hz 150 W
Oxytech -12	25,00	23	21,00	1600	820	2100	1100	1 ½"	230 V AC 50-60 Hz 150 W
Oxytech -13	29,00	26	24,00	1650	1040	2150	1400	1 ½"	230 V AC 50-60 Hz 150 W
Oxytech -14	39,00	34	30,00	1750	1090	2200	1700	1 ½"	230 V AC 50-60 Hz 150 W
Oxytech -15	46,00	41	35,00	1820	1060	2100	1950	1 ½"	230 V AC 50-60 Hz 150 W
Oxytech -16	52,00	47	42,00	1820	1060	2375	2300	2"	230 V AC 50-60 Hz 150 W
Oxytech -17	63,00	57	50,00	1750	1135	2450	2700	2"	230 V AC 50-60 Hz 150 W
Oxytech -18	80,00	72	65,00	1500	1845	2410	3680	2"	230 V AC 50-60 Hz 150 W
Oxytech -19	90,00	88	72,00	2080	1970	2200	4000	2 ½"	230 V AC 50-60 Hz 150 W
Oxytech -20	104,00	95	87,00	2180	1780	2300	5000	3"	230 V AC 50-60 Hz 150 W
Oxytech -21	137,00	125	107,00	2000	2250	2450	6000	3"	230 V AC 50-60 Hz 150 W
Oxytech -22	153,00	139	127,00	2200	2425	2325	7000	3"	230 V AC 50-60 Hz 150 W
Oxytech -23	192,00	175	160,00	1950	3280	2150	8000	3"	230 V AC 50-60 Hz 150 W
Oxytech -24	241,00	220	200,00	2200	3480	2350	9000	DN 100	230 V AC 50-60 Hz 150 W
Oxytech -25	290,00	264	240,00	2325	2200	3425	10.000	DN 100	230 V AC 50-60 Hz 150 W
Oxytech -26	385,00	350	320,00	2500	2200	3425	12.000	DN 150	230 V AC 50-60 Hz 150 W
Ambient temperature 20 °C				20 °C Inlet Air Dew-point + 3 °C					



6 Bar Oxygen Generator Installation Diagram



150 Bar Oxygen Generator Installation Diagram



CONTAINER TYPE OXYGEN PRODUCTION SOLUTIONS

Container type oxygen production systems are one of the most preferred oxygen production systems with their flexibility and simple installation that meets the needs.

Container type oxygen production systems are a perfect solution for businesses, thanks to their portable and ready-to-use features.

6 BAR CONTAINER OXYGEN SYSTEM



6 BAR CONTAINER OXYGEN SYSTEM

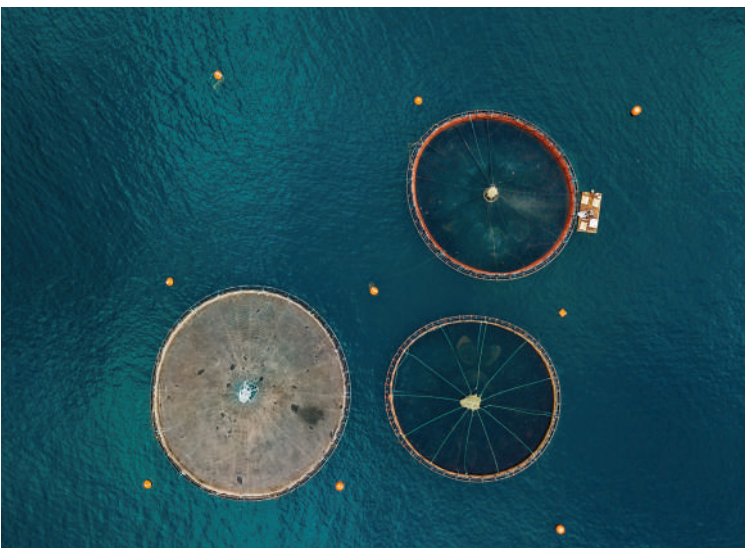


150 BAR CONTAINER OXYGEN SYSTEM



Sectors

- MEDICAL APPLICATIONS
- GLASS MANUFACTURING
- COAL
- METAL
- OZONE INDUSTRY
- PURIFICATION OF WASTEWATER
- FISH FARM
- STONE WOOL – GLASS WOOL INDUSTRY





NITROXTEC
INDUSTRIAL AIR & GAS SOLUTIONS

DISCOVER UNINTERRUPTED OXYGEN ENERGY!





NITROXTEC
INDUSTRIAL AIR & GAS SOLUTIONS

THE OXYGEN OF THE WORLD IS HERE





Industrial Remote Access and Data Collection Device

You can directly access, monitor and control our nitrogen and oxygen gas generators from your PC and smartphone anytime, anywhere with HUBBOX. You can collect your production data from nitrogen and oxygen generator systems offline and online, and our technical team can remotely access and control nitrogen and oxygen generators wherever they are in the world.

Offering easy and perfect access with WAN, LAN and WIFI inputs, our products provide data communication with high security SSL certificates and the most up-to-date encryption methods (ECDHE-RSA-AES256-GCM-SHA384). It uses Google Authenticator infrastructure for two-step security 2FA when accessing your systems.