



GLOBAL[®]



Global Partnership

The World of Sustainable Energy



About Us

It is the meeting point of the leading brands in production.

Global Compressor means achieving maximum sustainable efficient results with minimal energy consumption. Global Compressor provides cost advantages to its customers with innovative technology. We produce Compressors with an original engineering soul.

Global Compressor established in Turkey to manufacture pressure industrial compressor machines. In the air compressor sector, we have set out to produce a more strong, more powerful, more efficient and higher quality compressor than the compressors produced by world leaders. With our superior engineering stance, we produce quality and efficient compressors that the industry needs in the world.

We experience in the pressure industrial compressor machinery sector with our 18 years, we are developing in accordance with the demands of our customers and producing higher quality products every day.

Customer satisfaction about our products and services is of high importance for the Global Compressor family within the framework of our mission, vision and high quality understanding that we have created with our core values. We adopt a customer-oriented approach in order to provide a high level of service to our customers and to meet customer expectations at the highest level.

We produce fast and effective solutions in accordance with the needs of our customers. Global Compressor accepted production standards and long years of experience , with worldwide, continues to work in both domestic and international markets by holding all quality certificates.

Vision

Our maintain sustainable growth with the values it produces for its customers in the global market. Our goal is to be the leading company that can develop, preferred with competitive power, trusted, environmentally sensitive and oriented to technology.

Mission

We provide innovative and reliable products and optimal solutions with high added value by understanding customer needs and expectations in the best way. We operate with sustainable efficiency with the understanding of world-class quality services in awareness of ethical values and social responsibility. It is to be a world brand that keeps customer satisfaction above everything else.



Brand Promise

We have promised our Business Partners, Investors and Customers to produce reliable, strong and efficient products by taking it as a mission to be the World of Sustainable Energy in the industrial sector.



Global Compressor Design

Global Compressor is produced with attention to maximum efficiency and ease of use at all times with a simple appearance.

It is designed for you to use it with pleasure and ease with its high resolution touch screen.

There is always a carefully coordinated Global Compressor that can be compatible for every production facility. We produce the machines needed by the industry with our design and engineering experience. The design should work perfectly and without errors.

Global Compressor Quality

The Global Compressor has been tested in the Industrial sector for many years on a working basis.

Once a Global Compressor;
Always a Global Compressor.

We promise for our customers and Future generations; we will never compromise on quality and long durability. We are a company that has adopted quality as a lifestyle. Our products, which are produced to the highest standards, are operated and controlled by our employees one by one with great precision. The operating values are checked. Each piece of hardware is part of our journey to perfection.

If There Is Production, We Are There

Global Compressor provides 24/7 technical support.

Customer Satisfaction

- We operate with a focus on customer satisfaction,
- We provide services in accordance with customer demands and needs,
- We deliver our quality products quickly,
- We provide all kinds of services,
- We resolve fault situations with original spare parts,
- We aim to maximize customer satisfaction,
- We ensure that your machines remain in their original state with our service.



Technical Service

We provide service with our Global Compressor expert and experienced staff.

We are with you 24/7 for production.

Global Compressor provides technical support on the following issues 24/7.

When compressor maintenance is done regularly, the probability of failure is greatly reduced. Timely and proper care is quite important. Our company performs both machine maintenance and fixes malfunctions in this regard. Global Compressor ensures that your machines maintain their efficiency with original spare parts. It is very important to use Original Spare Parts to ensure that the performance and efficiency of your compressors are continuous. You can get the necessary information and support from our company in this regard. Please contact us for Service and Spare Parts.

Our After-Sales Services unit uses the most modern materials and equipment in its business processes by closely following the technological developments. Our technical staff consists of

experienced specialists who have completed theoretical and practical training in their field. Our company, believing that it is necessary to raise sustainable quality standards, has always aimed to provide the highest quality services to its customers.

We provide Global Compressor service in the highest quality. Your compressors serviced and repaired also increases their lifetime. Our service teams are always ready for cases such as breakdowns, maintenance, repairs, etc. It is essential for us to ensure customer satisfaction by providing fast and effective service.

Global Compressor provide quality and fast service with our experience, aiming at minimum maintenance time and energy saving.

- **Periodic maintenance**
- **General maintenance**
- **Expert technical service**
- **Online technical service**
- **Fast and effective intervention**
- **10-year spare part availability guarantee**



Spare Part

Global Compressor provides the most accurate services for our customers by having original spare parts.

Your machines will be like new and the failure rate will be greatly reduced With original spare parts. It uses original parts by experts. You leave the regular service to us at the right time!

Our company also performs the assembly of spare parts. In our company, spare parts are assembled by our expert team.

You can access the original spare parts that are suitable for your machine and that you need from our company. Please contact us to get detailed information about spare parts services.



Global
Compressor

Powerful
Strong
Efficient



Special Design for Your Production Needs

No matter how big your production facility is, our experts and engineers are waiting for you to contact us to provide you with the best solution to meet your project-specific needs.



GLOBAL®

Advantages of the Global Compressor



Low cost of ownership



IE3 Engine



CE Certified



Operator and environmentally friendly



Digital monitoring screen



Reliable and simple design



Each product is tested individually



Long lifetime

Design your compressor according to your production requirement.



We continue production without sacrificing quality with our production process, welding equipment and well-trained and very experienced engineer staff.

Digital Display Panel

It provides the opportunity to monitor performance during operation.

Global Compressor;

The Heart of Production

It provides you with information about your compressor and dryer via a graphical display. It is suitable for the command and control unit for industry 4.0 technology.

It is operator friendly thanks to its terminal layout. There is motor and fan protection with built-in phase protection.



Features of Global Compressor

- Plug and play design
- Low noise level
- Digital control unit
- There is an inverter option.
- It is volume takes up little space with simple design.
- It is low cost and easy maintenance
- Provides maximum energy efficiency.



IE3 Engine

Environmentally Friendly Design

It provides efficient and maximum production with its modern original design. It is designed with high energy efficiency products that reduce your energy costs. It provides the best confirmation between air distribution and low energy consumption.

High Performance Design

It is built on a similar mechanical structure, compatible with our new generation IE3 efficient engines. The engine provides the opportunity to obtain efficient and low-cost high-performance energy at the production site with the interface design of the products.

Reliable, Powerful and Compatible Design

We present excellent customer satisfaction by maximizing productivity and maximum efficiency with our powerful and light IE3 engines.



Products

Standard Features

• **GLX 5.5 – GLX 15 KTK**

Compact Screw Air Compressors



• **GL SERISI 5.5 - 160Kw**

Belt & Pulley Driven Screw Compressors



• **GL 30 D - GL 315 D**

Direct Coupled Screw Air Compressor



• **GLD-VSD 15 - 315Kw**

Direct Coupled Inverter Screw Compressors



• **G-TECH AIR DRYERS**

Refrigerated Type Pressurized Air Dryers

G-TECH 900 - 85000



• **GL-T COMPRESSED AIR TANKS**

Compressed Air Tanks 500-5000



Global
Compressor;

Energy In Savings The Definitive Solution

GLX 5.5 – GLX 15 KTK

Compact Screw Air Compressors



The GL X series is manufactured to fit the plug-and-play system suitable for the structure of small and medium-sized enterprises. It is designed according to the latest technology to meet the needs of your businesses.

It is enough to make the electrical connection and connect the air outlet to the main installation. It is the most important assistant of your business with its extensive service network, economical and accessible spare parts.

Our compressors are designed to operate with minimum operating costs and maximum efficiency. It reduces operating costs by minimizing installation costs.

It allows you to save space with its original design. You can choose the tank top series compressors only as a compressor or you can choose Compressor+ Tank or Compressor+ Tank+ Dryer depending on the needs and infrastructure of your operation.

Model	Capacity			Tank Volume Liter	Engine Power KW / HP	Connection Diameter	Dimensions Width X Length tX Height	Weight KG
	7,5 Bar	10 Bar	13 Bar					
GLX 5,5 K	0,85	0,7	0,55	500 LT	5.5/7.5	R3/4"	630 X 680 X 1150	165
GLX 5,5 KT							590 X 1900 X 1470	295
GLX 5,5 KTK							590 X 1900 X 1470	357
GLX 7,5 K	1,15	0,95	0,8	500 LT	7.5/10	R3/4"	630 X 680 X 1150	185
GLX 7,5 KT							590 X 1900 X 1470	315
GLX 7,5 KTK							590 X 1900 X 1470	377
GLX 11 K	1,7	1,4	1,2	500 LT	11/15	R3/4"	630 X 680 X 1150	210
GLX 11 KT							590 X 1900 X 1470	326
GLX 11 KTK							590 X 1900 X 1470	390
GLX 15 K	2,25	1,95	1,6	500 LT	15/20	R3/4"	630 X 680 X 1150	335
GLX 15 KT							590 X 1900 X 1470	470
GLX 15 KTK							590 X 1900 X 1470	537

1. 1 bar absolute air pressure, 0% relative humidity, 20 °C inlet air temperature, 71 °C thermostatic valve set value and GLOBAL OIL usage are the values recorded in the reference conditions. GLOBAL COMPRESSOR reserves the right to make changes to its products without prior notice.
2. It refers to the free air flow rate measured according to ISO 1217:2009, Annex C standard.
3. Refers to the sound pressure level at a tolerance of ± 3 dB(A) measured according to ISO 2151:2004 and ISO 9614/2 standards.



Model	Air Flow Rate		Capacity		Engine Power		Air Outlet	Dimensions Width X Length X Height	Weight
	Bar	Max. m ³ / min.	KW / hp						
GL 5,5	7,5	0,85	5,5 / 7,5	R3/4"	630X680X1150	185 KG			
	10	0,7							
	13	0,55							
GL 7,5	7,5	1,15	7,5 / 10	R3/4"	630X680X1150	225 KG			
	10	0,95							
	13	0,8							
GL 11	7,5	1,7	11//15	R3/4"	950X700X950	450 KG			
	10	1,4							
	13	1,2							
GL 15	7,5	2,25	15 / 20	R3/4"	950X700X950	290 KG			
	10	1,95							
	13	1,6							
GL 18	7,5	3,3	18,5 / 25	R1"	750X900X1250	445 KG			
	10	2,8							
	13	2,4							
GL 22	7,5	3,8	22/30	R1"	900X850X1350	525 KG			
	10	3,5							
	13	3							



GL Series 5.5-160Kw

Belt & Pulley Driven Screw Compressors

Standard Features

- Special design High efficiency screw block
- 380V/50Hz/3Ph, 1955 protection and 1E3 energy the main engine of the class
- Minimum loss with system
- Inverter system compatible with heavy operating conditions
- Monoblock acoustic cabinet design · 3mg/m3 oil an separator air/oil that provides solubility and the tank
- Dry type air filter with a resolution of 3 micron
- Star triangle coupled motor drive system
- Electro-pneumatic load-empty controlled suction valve
- PLC control unit
- Plate & bar type radiator

Model	Air Flow Rate		Capacity		Engine Power		Air Outlet	Dimensions Width X Length X Height	Weight
	Bar	Max. m ³ / min.	KW / hp						
GL 30	7,5	4,6	30/40	R1-1/4"	1000X950X1500	575 KG			
	10	4							
	13	3,65							
GL 37	7,5	6,4	37//50	R1-1/4"	1000X950X1500	685 KG			
	10	5,5							
	13	4,4							
GL 45	7,5	7,1	45/60	R1-1/4"	1000X950X1500	775 KG			
	10	6,3							
	13	5,4							
GL 55	7,5	9,6	55/75	R1-1/2"	1100X1600X1700	1.010 KG			
	10	8,6							
	13	6,7							
GL 75	7,5	12,4	75 / 100	R2"	1450X1650X1850	1380 KG			
	10	10,7							
	13	8,8							
GL 90	7,5	15,9	90 / 125	R2"	1450X1650X1850	1550 KG			
	10	13,5							
	13	11,1							
GL 110	7,5	18,9	110/ 150	R2-1/2"	1600X2100X1850	2650 KG			
	10	16,7							
	13	14,1							
GL 132	7,5	23,2	132 / 180	R2-1/2"	1850X2200X2100	3100 KG			
	10	19,7							
	13	16,2							
GL 160	7,5	27,8	160 / 220	R2-1/2"	1850X2200X2100	3250 KG			
	10	23,5							
	13	19,7							

1. 1 bar absolute air pressure, 0% relative humidity, 20 °C inlet air temperature, 71 °C thermostatic valve set value and GLOBAL OIL usage are the values recorded in the reference conditions. GLOBAL COMPRESSOR reserves the right to make changes to its products without prior notice.
2. It refers to the free air flow rate measured according to ISO 1217:2009, Annex C standard.
3. Refers to the sound pressure level at a tolerance of ± 3 dB(A) measured according to ISO 2151:2004 and ISO 9614/2 standards.

GLD-VSD 15 - 315Kw

Direct-Coupled Inverter Screw Compressors

Standard Features

- Special design High efficiency screw block
- 80V/50Hz/3Ph, 1955 protection and IE3 energy the main engine of the class
- Minimum loss with system
- Inverter system compatible with heavy operating conditions
- Monoblock acoustic cabinet design · 3mg/m³ oil an separator air/oil that provides solubility and the tank
- Dry type air filter with a resolution of 3 micron
- Electro-pneumatic load-empty controlled suction valve
- PLC control unit
- Plate & bar type radiator



1. 1 bar absolute air pressure, 0% relative humidity, 20 °C inlet air temperature, 71 °C thermostatic valve set value and GLOBAL OIL usage are the values recorded in the reference conditions. GLOBAL COMPRESSOR reserves the right to make changes to its products without prior notice.
2. It refers to the free air flow rate measured according to ISO 1217:2009, Annex C standard.
3. Refers to the sound pressure level at a tolerance of ± 3 dB(A) measured according to ISO 2151:2004 and ISO 9614/2 standards.

Model	Air Flow Rate	Capacity		Engine Power	Air Outlet	Dimensions Width X Length X Height	Weight
	Bar	Min. m ³ / min.	Max. m ³ / min.	Kw/HP			
GL 15 D VSD	7,5	0,95	2,85	15 / 20	R1"	1600X850X1250	560 KG
	10	0,95	2,4				
	13	0,95	2,1				
GL 18 D VSD	7,5	1,1	3,5	18 / 25	R1"	1600X850X1250	590 KG
	10	1	3				
	13	1,1	2,65				
GL 22 D VSD	7,5	1,15	3,9	22 / 30	R1"	1600X850X1250	610 KG
	10	1,15	3,7				
	13	1,15	3,2				
GL 30 D VSD	7,5	1,25	5,3	30 / 40	R1"	1600X850X1250	655 KG
	10	1,25	4,6				
	13	1,25	4				
GL 37 D VSD	7,5	1,4	6,6	37 / 50	R1-1/4"	1900X1000X1250	940 KG
	10	1,4	5,8				
	13	1,4	4,9				
GL 45 D VSD	7,5	1,3	7,2	45 / 60	R1-1/4"	1900X1000X1250	1050 KG
	10	1,2	6,6				
	13	1,2	5,9				
GL 55 D VSD	7,5	2,6	9,8	55 / 75	R2-1/2"	2200X1100X1500	1650 KG
	10	2,58	10				
	13	2,6	7,3				
GL 75 D VSD	7,5	2,6	13,1	75 / 100	R2"	2350X1250X1600	1750 KG
	10	2,5	11				
	13	2,5	9,7				
GL 90 D VSD	7,5	6,2	16,5	90 / 125	R2"	2350X1250X1600	2150 KG
	10	6	14,2				
	13	6,2	12,2				
GL 110 D VSD	7,5	6,7	19,5	110 / 150	R2-1/2"	3000X1700X2200	2850 KG
	10	7,1	17,2				
	13	7,1	15				
GL 132 D VSD	7,5	6,9	24	132 / 180	R2-1/2"	3200X1800X2200	3650 KG
	10	6,7	20,5				
	13	9,7	18				
GL 160 D VSD	7,5	6,8	28,2	160 / 220	R2-1/2"	3200X1800X2200	3850 KG
	10	7,1	24,5				
	13	8,4	21,5				
GL 200 D VSD	7,5	14	37	200 / 270	DN100	3720X2150X2000	4350 KG
	10	13,8	32				
	13	13,8	28,5				
GL 250 D VSD	7,5	13,5	45	250 / 340	DN100	3720X2150X2000	4570 KG
	10	13,5	38,1				
	13	13,5	33,1				
GL 315 D VSD	7,5	13,5	54	315 / 430	DN125	4800X2170X2300	5830 KG
	10	13,5	44				
	13	13,1	37,5				

GL 30 D - GL 315 D

Direct Coupled Screw Air Compressor

It is designed with high efficiency motor and state-of-the-art screw components. The optimum combination of low energy and maximum free air distribution provided to the advanced technology screw element of our products is provided by the GL D series.



- 1 bar absolute air pressure, 0% relative humidity, 20 °C inlet air temperature, 71 °C thermostatic valve set value and GLOBAL OIL usage are the values recorded in the reference conditions. GLOBAL COMPRESSOR reserves the right to make changes to its products without prior notice.
- It refers to the free air flow rate measured according to ISO 1217:2009, Annex C standard.
- Refers to the sound pressure level at a tolerance of ± 3 dB(A) measured according to ISO 2151:2004 and ISO 9614/2 standards.

Standard Features

- IE3 produces reliable and efficient energy with electric motors.
 - The air requirement is constantly monitored with feedback sensors and It automatically adjusts the system to keep the pressure at a constant level. It prevents energy loss according to working conditions.
 - It present low wear and high reliability thanks to its advanced technology screw components.
 - IE3 reduces energy consumption by 7% with engine and screw components.
 - Low oil consumption, maximum efficiency with low energy.
- The final refrigerant containing an Air-Water separator is to separate condensation and provides high-quality pressurized air.
- It presents the possibility of monitoring your compressor thanks to the PLC Control panel.

Model	Max Pressure	Capacity	Engine Power	Air Outlet	Dimensions Width X Length X Height	Ağırlık
	Bar	Max. m ³ / min.	Kw/HP			
GL 30 D	7,5	5,2	30 / 40	R1"	1600 X 850 X 1250	610
	10	4,2				
GL 37 D	7,5	6,5	37 / 50	R1-1"/4	1900 X 100 X 1250	910
	10	5,5				
GL 45 D	7,5	8,2	45 / 60	R1-1"/4	1900 X 100 X 1250	1100
	10	6,9				
GL 55 D	7,5	9,5	55 / 75	R1-1"/4	2200 X 1100 X 1500	1600
	10	8,5				
GL 75 D	7,5	12,5	75 / 100	R2"	2350 X 1250 X 1600	1700
	10	11				
GL 90 D	7,5	15,9	90 / 125	R2"	2350 X 1250 X 1600	2100
	10	13,5				
GL 110 D	7,5	19	110 / 150	R2"	3000 X 1700 X 2200	2800 KG
	10	17,5				
GL 132 D	7,5	23	132 / 180	R2-1/2"	3200 X 1800 X 2200	3539 KG
	10	19,5				
GL 160 D	7,5	27,2	160 / 220	R2-1/2"	3200 X 1800 X 2200	3750 KG
	10	22,5				
GL 200 D	7,5	34,5	200 / 270	DN100	3720 X 2150 X 2000	4310 KG
	10	30,2				
GL 250 D	7,5	40,7	250 / 340	DN100	3720 X 2150 X 2000	4520 KG
	10	36,2				
GL 315 D	7,5	51,4	315 / 430	DN125	4800 X 2170 X 2300	5769 KG
	10	45,8				

We produce products for all kinds of production facilities suitable for application needs dew point and perfect presenting drying performance.



G-TECH 900 - 85.000

Compressed Air Dryers

Where Does the Water Come From?

Water in the atmospheric air entering the compressor. It has a steam condensation due to the effect of compression. This water vapor that becomes water is in the air lines and it creates problems at the points of use. For example: Every 8000 m³ with a relative humidity of 70% at 20 °C with air, about 100 liters of water enters the compressor. Its capacity is 10 hours of operation of an average 75 kW compressor. Air is up to 7 bar if it is compressed, 82% of this steam will be as condensed water the circuit goes. (82 liters of water)



Dry air; Reduced operating costs How To Reduce?

It reduces the cost of your air distribution system. When dry air is used, at various points of the system drains or filters, U pipes, elbows, dip if you don't have to use it, these will create you will not experience pressure losses

Model	Connection Diameter	Voltage	Gas	Control	Max. Bars	Max. Ambient Temp °C	Max. Inlet Temp °C	Filter Model
TECH - 900	1/2 "	230/1/50	r-134a	Digi Pro	16	45	50	GLF55 GX - 5Y
TECH -1.150	1/2 "	230/1/50	r-134a	Digi Pro	16	45	50	GL75 GX - 5Y
TECH- 1.650	3/4"	230/1/50	r-134a	Digi Pro	16	45	50	GLF155 GX - 5Y
TECH -2.600	3/4"	230/1/50	r-134a	Digi Pro	16	45	50	GLF155 GX - 5Y
TECH -3.150	3/4"	230/1/50	r-134a	Digi Pro	16	45	50	GLF155 GX - 5Y
TECH -3.500	1-1/2"	230/1/50	r-134a	Digi Pro	16	45	50	GLF405 GX - 5Y
TECH -5.000	1-1/2"	230/1/50	r-134a	Digi Pro	16	45	50	GLF405 GX - 5Y
TECH -6.200	1-1/2"	230/1/50	r-134a	Digi Pro	16	45	50	GLF405 GX - 5Y
TECH - 8.250	2"	230/1/50	r-134a	Digi Pro	16	45	50	GL805 MX - 5Y
TECH -10.400	2"	230/1/50	r-134a	Digi Pro	16	45	50	GL805 MX - 5Y
TECH -15.500	2"	230/1/50	r-134a	Digi Pro	16	45	50	GL1205 GX - 5 Y
TECH -20.000	2"	230/1/50	r-134a	Digi Pro	16	45	50	GL1205 GX - 5 Y
TECH -24.000	3 "	400/3/50	r-134a	Digi Pro	16	45	50	GLF1805 GX -5Y
TECH -30.000	3"	400/3/50	r-134a	Digi Pro	16	45	50	GLF1805 GX -5Y
TECH -42.000	3"	400/3/50	r-134a	Digi Pro	16	45	50	GLF2775 GX - 5Y
TECH - 46.000	3 "	400/3/50	r-134a	Digi Pro	16	45	50	GLF2775 GX - 5Y
TECH -55.000	DN 100	400/3/50	r-134a	Digi Pro	16	45	50	GLF2775 GX - 5Y
TECH - 65.000	DN 100	400/3/50	r-134a	Digi Pro	16	45	50	GLF2775 GX - 5Y
TECH -85.000	DN 100	400/3/50	r-134a	ESD - 3	16	45	50	GLF2775 GX - 5Y



G-TECH LINE FILTERS

G-TECH GM series line filters are produced in the compressor dust particles in compressed air, oil particles of unwanted substances such as it ensures that it is kept without leaving.

Air quality is critical for many applications carries. Therefore, GM type filter with different sensitivity combinations, the system needs clean compressed air is available.

GLOBAL 500-5000 LT

Compressed Air Tanks

Standard Features

- Special design bodies
- Metal material in accordance with CE norm
- DN-compatible connections



Model	Capacity			Bağlantı Çapı
	(m3 / Hour)	Bar	Element	
G-TECH 25	25	16	GM-25	G1/2"
G-TECH 50	50	16	GM-50	G1/2"
G-TECH 100	100	16	GM-100	G1/2"
G-TECH 150	150	16	GM-150	G1"
G-TECH 200	200	16	GM-200	G1"
G-TECH 250	250	16	GM-250	G1"
G-TECH 300	300	16	GM-300	G1-1/2"
G-TECH 500	500	16	GM-500	G1-1/2"
G-TECH 600	600	16	GM-600	G1-1/2"
G-TECH 850	850	16	GM-850	G2"
G-TECH 1200	1200	16	GM-1200	G2"
G-TECH 1500	1500	16	GM-1500	G3"
G-TECH 1800	1800	16	GM-1800	G3"
G-TECH 2200	2200	16	GM-2200	G3"
G-TECH 2700	2700	16	GM-2700	G3"

Model	Capacity Liter	Pressure Bar	Weight KG	Dimensions	
				Width	Length
GLT 500	500	10	135	600	2000
		14	190		
GLT 1000	1000	10	245	850	2150
		15	350		
GLT 2000	2000	10	430	1150	2300
		15	566		
GLT 3000	3000	10	630	1150	3300
		15	790		
GLT 4000	4000	10	720	1400	3250
		15	980		
GLT 5000	5000	10	850	1400	3750
		15	1080		

Products

Oxygen Generator



Nitrogen Generator

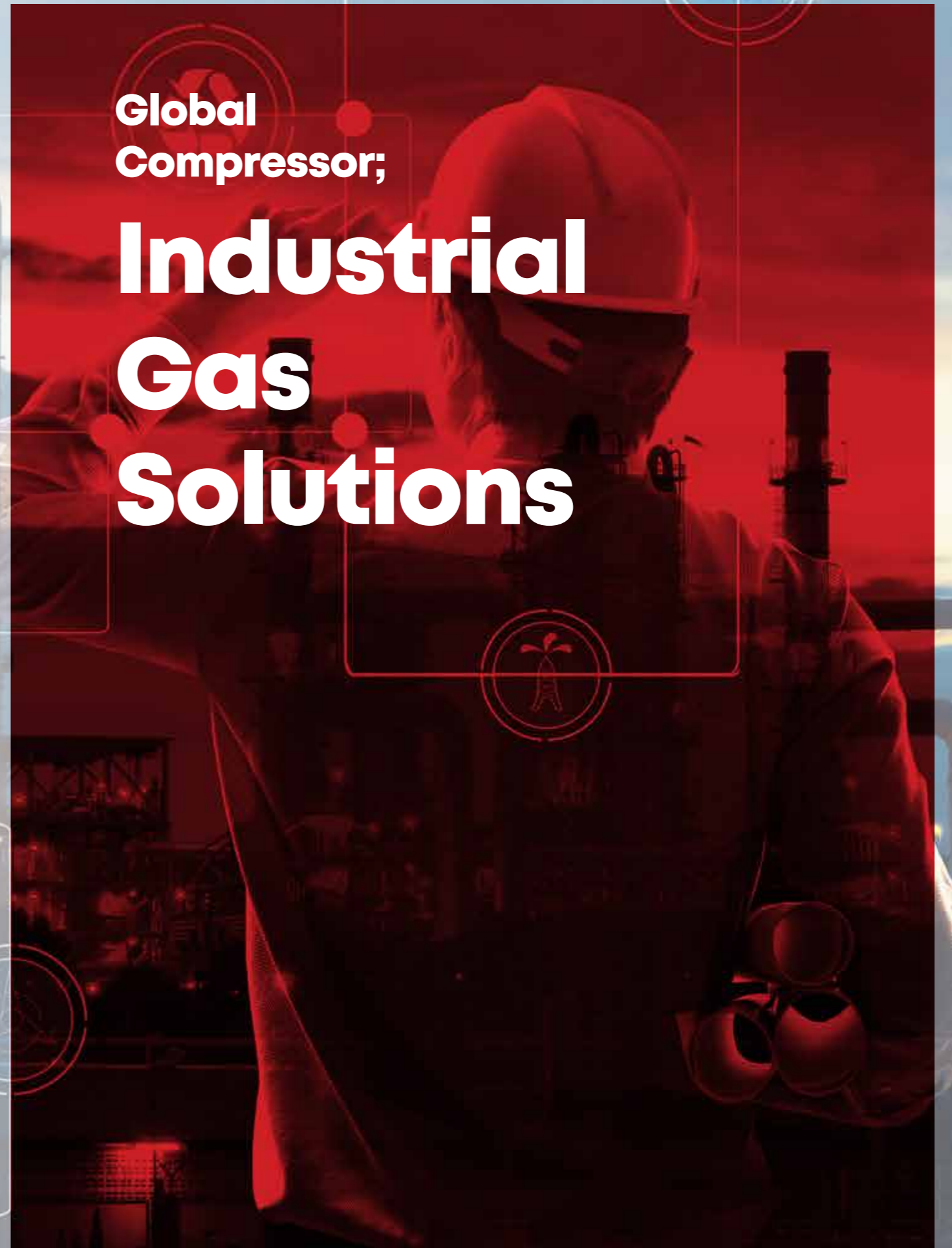


Dessicant Air Dryers



Global
Compressor;

Industrial Gas Solutions



Global
Compressor;

**Discover
Sustainable
Energy**

OXYGEN GENERATOR



OXYGEN GENERATOR

Discover Oxygen Production with Global's superior quality and modern technology. PSA technology is applied in the separation of oxygen gas from compressed air. You can produce oxygen gas with PSA technology at a purity of 90% -95% with a capacity of 0.5 – 385 Nm³/h.

Please contact us for our alternative products that are less costly, safe and suitable for your needs. Instead of buying an oxygen cylinder, why not produce oxygen yourself on site with low costs in the field? Global; Oxygen generators have the modern technology necessary to produce oxygen. Our Global Oxygen Generators are your reliable, sustainable and cost-effective oxygen gas source with modern PSA technology.

Our Oxygen Generator is used in every sector where oxygen gas is needed. Sustainability is a very important option for companies that value profitability. Global; It enables you to become a professional oxygen producer with an on-site oxygen generator. Produce oxygen gas yourself with Global. Buy uninterrupted ENERGY at low costs. Produce oxygen anytime, anywhere with professional and sustainable purity. The purity suitable for your production; you can produce the amount of Oxygen you need. You can get rid of operating expenses with low air consumption and minimum cost. Discover energy innovation by taking advantage of the "SITE MANUFACTURING AND ON-SITES PLUG AND WORK" system.



OXYTECH 01 - 26

Model	90%	93%	95%	Dimensions			Weight	Connection Size BSP Female	Electric Power
				Length	Width	Height			
Oxytech 01	0,60	0,6	0,50	400	300	1000	45 kg	1/4"	230 V AC 50-60 HZ 250 W
Oxytech 02	1,20	1,1	1,00	450	350	1150	60 kg	1/4"	230 V AC 50-60 HZ 250 W
Oxytech 03	2,40	2,3	2,00	450	400	1250	80 kg	1/2"	230 V AC 50-60 HZ 250 W
Oxytech 04	3,60	3,4	3,00	500	450	1350	160 kg	1/2"	230 V AC 50-60 HZ 250 W
Oxytech 05	7,00	6	5,00	650	450	1900	300 kg	1/2"	230 V AC 50-60 HZ 250 W
Oxytech 06	8,90	8,1	7,10	700	450	2000	430 kg	3/4"	230 V AC 50-60 HZ 250 W
Oxytech 07	10,00	9	8,00	850	550	2000	550 kg	1"	230 V AC 50-60 HZ 250 W
Oxytech 08	12,00	11	10,00	950	600	2180	650 kg	1"	230 V AC 50-60 HZ 250 W
Oxytech 09	14,50	13,2	12,00	1000	650	2250	740 kg	1"	230 V AC 50-60 HZ 250 W
Oxytech 10	16,00	14	13,00	1000	700	2250	810 kg	1"	230 V AC 50-60 HZ 250 W
Oxytech 11	18,80	16,8	15,50	1100	700	2250	890 kg	1 1/2"	230 V AC 50-60 HZ 250 W
Oxytech 12	25,00	23	21,00	1200	750	2300	950 kg	1 1/2"	230 V AC 50-60 HZ 250 W
Oxytech 13	29,00	26	24,00	1600	800	2300	1100 kg	1 1/2"	230 V AC 50-60 HZ 250 W
Oxytech 14	39,00	34	30,00	1700	900	2400	1350 kg	1 1/2"	230 V AC 50-60 HZ 250 W
Oxytech 15	46,00	41	35,00	1700	1000	2500	1600 kg	1 1/2"	230 V AC 50-60 HZ 250 W
Oxytech 16	52,00	47	42,00	1800	1100	2600	2300 kg	1 1/2"	230 V AC 50-60 HZ 250 W
Oxytech 17	63,00	57	50,00	1800	1100	2500	2300 kg	2"	230 V AC 50-60 HZ 250 W
Oxytech 18	80,00	72	65,00	1800	1120	2800	2900 kg	2"	230 V AC 50-60 HZ 250 W
Oxytech 19	90,00	88	72,00	2005	1115	2900	3200 kg	2"	230 V AC 50-60 HZ 250 W
Oxytech 20	104,00	95	87,00	2200	1300	3000	3500 kg	2"	230 V AC 50-60 HZ 250 W
Oxytech 21	137,00	125	107,00	2350	1500	3300	4000 kg	2 1/2"	230 V AC 50-60 HZ 250 W
Oxytech 22	153,00	139	127,00	2450	1600	3500	5000 kg	2 1/2"	230 V AC 50-60 HZ 250 W
Oxytech 23	192,00	175	160,00	2600	1700	3700	6000 kg	3"	230 V AC 50-60 HZ 250 W
Oxytech 24	241,00	220	200,00	2700	1800	3900	7000 kg	DN 100	230 V AC 50-60 HZ 250 W
Oxytech 25	290,00	264	240,00	2900	1900	4100	9000 kg	DN 100	230 V AC 50-60 HZ 250 W
Oxytech 26	385,00	350	320,00	3100	2000	4700	11000 kg	DN 150	230 V AC 50-60 HZ 250 W

Ambient temperature 20 °C

20 °C Inlet Air Dewpoint +3 °C



Global Compressor;
Feel the Freshness with the Nitrogen Generator

NITROGEN GENERATOR





NITROGEN GENERATOR

It is designed to provide maximum performance and uninterrupted nitrogen production. It is manufactured with superior technology. It works with the PSA (Pressure Swing Adsorption) process. The PSA type nitrogen generator produces nitrogen from compressed air. Nitrogen molecules, which make up 78% of the air, are separated from oxygen and argon by means of a substance called a carbon molecular sieve (CMS) to obtain pure nitrogen.

It is manufactured with %100 Purity control Technology. Our Nitrogen Generators produce more Nitrogen efficiently and with maximum purity by using less compressed air compared to other Nitrogen generators on the market with their original design and Superior technology. Operating and maintenance costs are very low.

In addition to our PSA principle nitrogen generators, we also have Chromogenic liquid Nitrogen gas production systems solutions.

Standard Features

- We produce nitrogen generators with a capacity range of 0.5 2.100 Nm3/h up to 95% 99.999% (1 ppm) purity.
- PSA technology guarantees that you will get the best value for your investment. A high purity rate is achieved with carbon molecular technology.
- The Nitrogen Generator is designed to work 24/7.
- Our nitrogen generators operate according to the principle of automatic purity control with a long-lasting high-quality sensor that permanently measures gas purity.
- Our nitrogen generator is designed with an automatic start and automatic stop system
- You can produce your own nitrogen to eliminate filling and transfer costs.

NITROTECH 01 - 23

Model	Dimensions mm			Weight	Air Inlet Connections Size BSP Female	Electric Power
	Length	Width	Height			
Nitrotech 01	400	300	1000	45	1/4"	230 V AC 50-60 HZ 250 W
Nitrotech 02	450	350	1150	60	1/4"	230 V AC 50-60 HZ 250 W
Nitrotech 03	450	400	1250	80	1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 04	500	450	1350	100	1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 05	650	450	1350	120	1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 06	700	450	1450	145	3/4"	230 V AC 50-60 HZ 250 W
Nitrotech 07	850	550	1500	210	3/4"	230 V AC 50-60 HZ 250 W
Nitrotech 08	950	600	1650	270	3/4"	230 V AC 50-60 HZ 250 W
Nitrotech 09	1000	650	1750	330	1"	230 V AC 50-60 HZ 250 W
Nitrotech 10	1100	700	1900	400	1"	230 V AC 50-60 HZ 250 W
Nitrotech 11	1100	700	2100	470	1"	230 V AC 50-60 HZ 250 W
Nitrotech 12	1100	700	2300	540	1 1/4"	230 V AC 50-60 HZ 250 W
Nitrotech 13	1200	800	2350	690	1 1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 14	1350	950	2350	850	1 1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 15	1450	1000	2450	1100	1 1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 16	1800	1020	2550	1600	1 1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 17	1820	1050	2600	2000	2"	230 V AC 50-60 HZ 250 W
Nitrotech 18	1900	1110	2650	2700	2"	230 V AC 50-60 HZ 250 W
Nitrotech 19	2000	1200	2650	3300	2"	230 V AC 50-60 HZ 250 W
Nitrotech 20	2150	1400	2650	4000	2 1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 21	2250	1600	2700	4850	2 1/2"	230 V AC 50-60 HZ 250 W
Nitrotech 22	2400	1750	2700	5500	3"	230 V AC 50-60 HZ 250 W
Nitrotech 23	2500	1900	2700	6300	3"	230 V AC 50-60 HZ 250 W



Nitrogen Productions (Nm³/h)

Model	95%	96%	97%	98%	99%	99,50%	99,90%	99,95%	99,99%	99,995%	99,999%	99,9995%	99,9999%
Nitrotech 01	8,00	7,1	6,30	5,50	4,20	3,40	2,35	2,00	1,6	1,15	0,85	0,75	0,50
Nitrotech 02	15,80	14,2	12,60	11,00	8,40	6,80	4,70	4,00	3,20	2,3	1,70	1,5	1
Nitrotech 03	31,60	28,4	25,60	22,00	16,80	13,60	9,40	8,00	6,40	4,6	3,50	3	2,1
Nitrotech 04	47,40	42,6	37,80	33,00	25,20	20,40	14,10	12,00	9,60	6,9	5,10	4,5	3,2
Nitrotech 05	63,20	56,8	50,40	44,00	33,60	27,20	18,80	16,00	12,80	9,2	6,80	6	4,5
Nitrotech 06	79,00	71	63,00	55,00	42,00	34,00	23,50	20,00	16,00	11,5	8,50	7,5	6
Nitrotech 07	110,60	99,4	88,60	77,00	58,80	47,60	32,90	28,00	22,40	16,22	12,00	10,5	8,1
Nitrotech 08	142,10	127,8	114,20	99,00	75,20	61,20	42,30	36,00	28,80	20,7	16,00	13,5	11
Nitrotech 09	173,70	156,2	139,80	121,00	92,40	74,80	51,70	44,00	35,20	25,3	20,00	16,5	13
Nitrotech 10	205,20	184,6	165,40	143,00	109,40	88,40	61,10	52,00	41,60	29,9	24,00	19,5	15
Nitrotech 11	236,70	213	191,00	165,00	126,20	102,00	70,40	60,00	48,00	34,5	28,00	22,5	18
Nitrotech 12	268,20	241,4	216,60	187,00	143,00	115,60	79,40	68,00	54,40	39,1	32,00	25,5	21
Nitrotech 13	347,20	312,4	279,60	242,00	185,00	149,60	102,90	88,00	70,40	50,6	40,50	33	27
Nitrotech 14	457,80	411,8	368,20	319,00	243,80	197,20	135,80	116,00	92,80	62,1	52,50	43,5	35
Nitrotech 15	599,90	539,6	482,40	418,00	319,40	258,40	178,10	152,00	121,60	82,8	68,50	57	45
Nitrotech 16	742,10	667,4	596,60	517,00	395,00	319,60	220,40	188,00	150,40	103,5	84,50	70,5	55
Nitrotech 17	884,10	795,2	710,80	616,00	470,60	380,80	262,70	224,00	179,20	124,2	100,50	84	64
Nitrotech 18	1026,20	923	825,00	715,00	546,20	442,00	305,00	260,00	208,00	144,9	116,50	97,5	74
Nitrotech 19	1168,30	1050,8	939,20	814,00	621,80	503,00	347,30	296,00	236,80	165,6	132,50	111	84
Nitrotech 20	1342,00	1207	1079,00	935,00	714,20	578,00	399,00	340,00	272,00	190,7	152,50	127,5	96
Nitrotech 21	1547,20	1391,6	1244,40	1100,00	823,60	664,40	469,40	392,00	313,60	225,4	180,50	150	113
Nitrotech 22	1800,00	1600	1409,80	1265,00	933,00	754,80	539,80	444,00	355,20	259,9	208,50	172,5	129
Nitrotech 23	2100,00	1800	1575,20	1430,00	1042,40	843,20	610,20	496,00	396,80	294,4	236,50	194,5	145

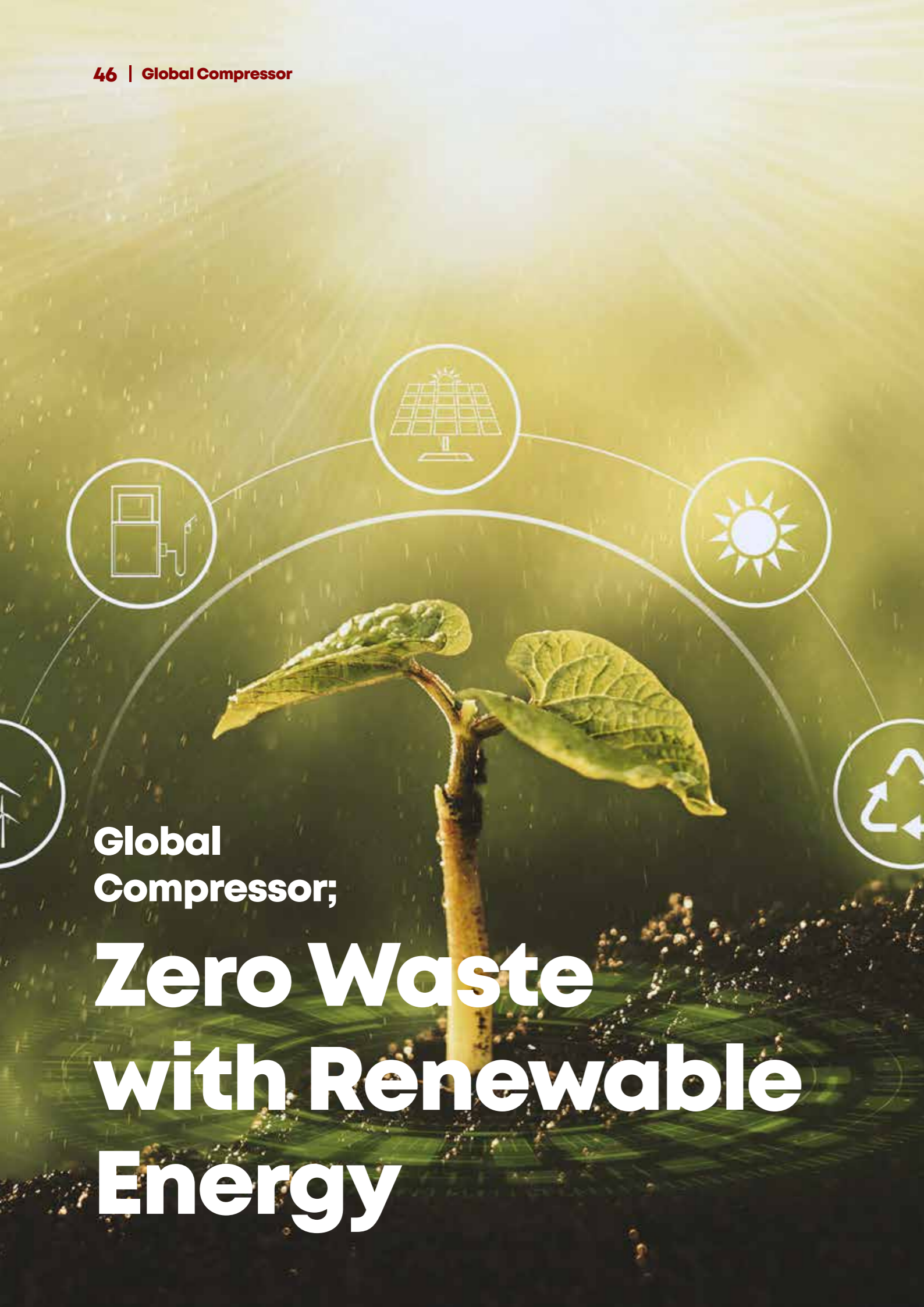
Compressed Air Inlet 8 Bar G													
Purity	95%	96%	97%	98%	99%	99,50%	99,90%	99,95%	99,99%	99,995%	99,999%	99,9995%	99,9999%
O₂	5%	4%	3%	2%	1%	0,50%	1000 ppm	500 ppm	100 ppm	50 ppm	10 ppm	5 ppm	1 ppm
Air / Gas Ratio	1,8	2	2,1	2,3	2,5	2,8	3,3	3,6	4	5,8	6,4	7,7	8,9
Ambient temperature +25°C							Inlet Air Dewpoint +3°C						

Air Inlet Heat Correction Factors										
5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	45 C	50 C	
0,85	1,03	1,02	1	1	0,93	0,87	0,72	0,6	0,52	

Inlet Pressure Air Correction Factors						
5 Bar	6 Bar	7 Bar	8 Bar	9 Bar	10 Bar	11 Bar
0,75	0,83	0,91	1	1,13	1,19	1,22



**Global Compressor;
We Are Always with You in Production**



**Global
Compressor;**

**Zero Waste
with Renewable
Energy**

DESSICANT AIR DRYERS





DESSICANT AIR DRYERS

Compressed air is dried to prevent condensation and corrosion, which can disrupt production processes and contaminate products. Production is made with modern technology by using synthetic adsorbents, active alumina, silica gel and molecular sieves to dry and purify the air for industrial solutions.

Our standard products are produced in the capacity range from 18 m/h to 10.800 m/h. Special products can be produced according to your production capacity and needs. Dewpoint is produced according to (-)40°C to (-)70°C. The panel is positioned for electronic control and humidity indicator.

Global; Dessicant air dryers offer superior performance and quality.

Automatic adjustment to changing input and ambient conditions can be achieved.

Our dryers are manufactured according to 4 - 16 bar and 40 bar working pressure. It provides cost savings with low energy consumption. Discover industrial drying technology and systems.

In addition to our classical type unheated Adsorption dryers, we also manufacture Heated and zero air loss Adsorption air dryers.

NDD - 0.3 - 180

Model	Capacity (m3/h)	Diameter Connection Size BSP Female	Dimensions mm			Weight
			Length	Width	Height	
NDD-0,3	18	¼"	400	350	750	20
NDD-0,5	31	¼"	400	350	900	30
NDD-0.8	48	½"	400	350	1100	40
NDD-1	60	½"	450	400	1200	50
NDD-1.2	72	½"	450	400	1350	65
NDD-1.6	96	¾"	450	450	1500	80
NDD-2	130	1"	450	450	1700	115
NDD-2.6	160	1"	470	450	1600	150
NDD-3.2	192	1"	490	470	1700	185
NDD-4	250	1"	500	470	1750	230
NDD-5	300	1 1/4"	520	470	1850	270
NDD-6	360	1 1/2"	550	500	1900	340
NDD-7.3	440	1 1/2"	600	550	2000	400
NDD-9	575	1 1/2"	650	550	2000	500
NDD-11	680	2"	700	600	2100	600
NDD-14	850	2"	1200	900	2200	700
NDD-16	1000	2"	1200	900	2250	800
NDD-21	1250	2 ½"	1400	1200	2350	1100
NDD-25	1500	2 ½"	1600	1400	2450	1350
NDD-30	1800	DN80	1800	1500	2500	1550
NDD-36	2200	DN80	1900	1500	2650	1800
NDD-45	2700	DN80	1950	1650	2750	2100
NDD-53	3200	DN100	2000	1750	2800	2450
NDD-60	3600	DN100	2000	1800	2900	2650
NDD-73	4400	DN100	2100	1850	3000	2970
NDD-83	5000	DN150	2200	2000	3100	3350
NDD-105	6300	DN150	2400	2000	3200	3750
NDD-120	7200	DN150	2600	2100	3500	4400
NDD-146	8800	DN150	3000	2300	3600	5200
NDD-180	10800	DN200	3200	2500	3900	6000



COMPRESSED AIR AND GAS SOLUTIONS WITH QUALITY PRODUCTS



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Compressor;**

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to Technology
Suitable
It is designed**





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Therefore, we reserve the right to change product specifications without prior notice.**