Maximum Performance
Maximum Efficiency

Maxdryer

MAKSİMUM MAKİNA

CATALOG

www.maxdryer.com

You can have a cost-effective and powerful experience with Maksimum Makina, and reduce your production costs with quality products.

ABOUT US

About Maksimum Makina

Maksimum Makina is a leader in the compressed air dryer and gas generator industry with over 15 years of experience. With its dynamic team and extensive product range, it is committed to providing its customers with the best possible service.

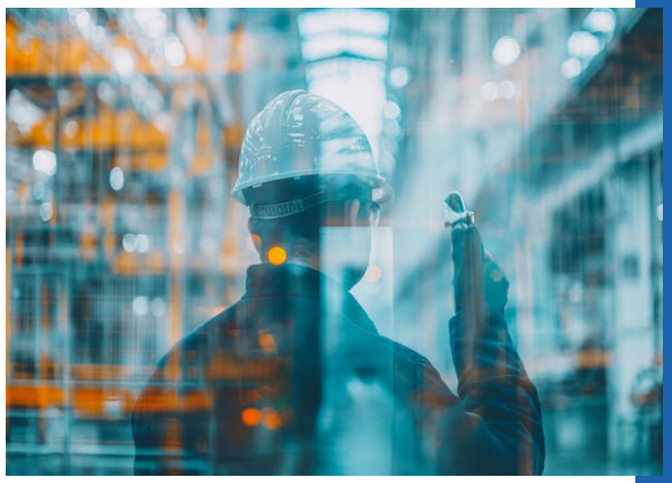
Our company prioritizes customer satisfaction and has become a global brand by exporting to nearly 35 countries in addition to our domestic market. By constantly adhering to developing technology, we aim to consistently offer higher quality products and the best prices to our customers.

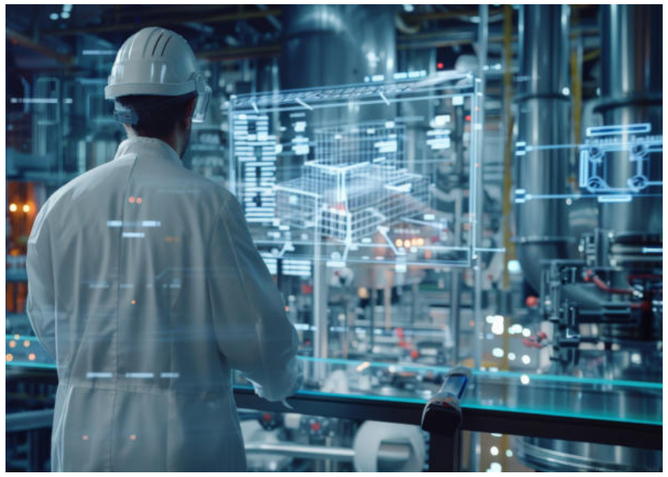
Maksimum Makina Değerlerimiz

- Working with an innovative and solution-oriented approach to best meet our customers' needs.
- To operate with an environmentally friendly and sustainable production approach.
- To contribute to the well-being of our employees and society.

Our Mission

Our mission is to be a leading company in the global market by providing our customers with the highest quality compressed air and gas solutions with our dynamic team and advanced technology.





Our Vision

Our vision is to expand our product range by keeping up with ever-evolving technology, maintain the highest level of customer satisfaction, and make Maksimum Makina a globally recognized brand.

WHY MAKSİMUM MAKİNA?

15 Years of Experience: We offer you the most accurate and reliable solutions with over 15 years of experience in the compressed air industry.

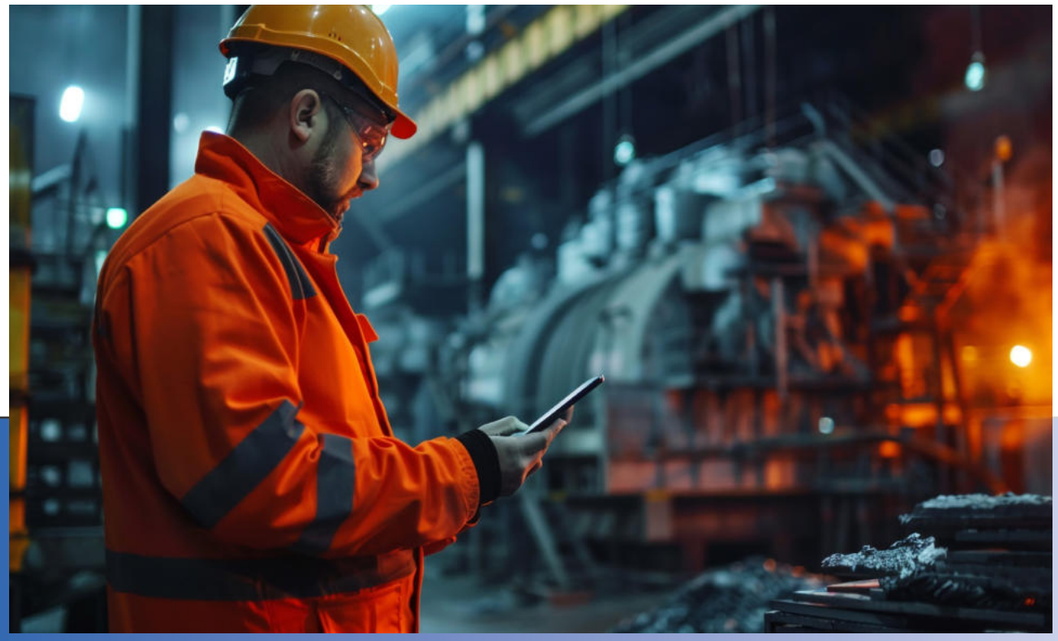
Customer Satisfaction: Customer satisfaction is our top priority. We always strive to provide the best service.

Global Market: In addition to the domestic market, we export to nearly 35 countries. This allows us to offer you the best service in the global market.

Evolving Technology: By following constantly evolving technology, we expand our product range and offer our customers the latest solutions.

Wide Product Range: In compressed air and gas solutions; we have a wide range of products from compressed air dryers, nitrogen generators, oxygen generators, desiccant air dryers, chiller, active carbon towers to filter systems.

Competitive Prices: We strive to offer our customers the highest quality at the most affordable prices.



OUR PRODUCTS

COMPRESSED AIR DRYERS

NITROGEN GENERATORS

OXYGEN GENERATORS

ALUMINUM-BODYED DESICCANT AIR DRYERS

DESICCANT AIR DRYERS

DESICCANT DRYERS WITH ACTIVATED CARBON TOWERS

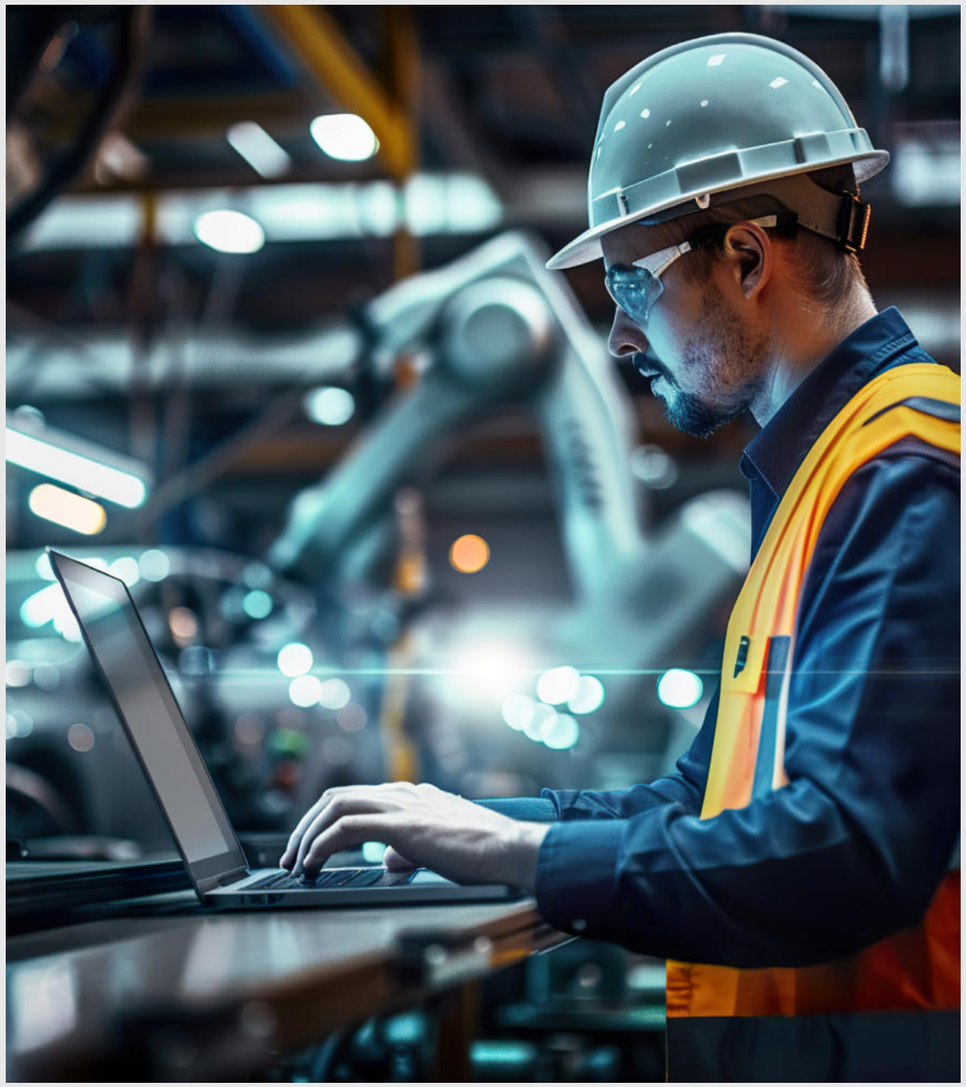
COMPRESSED AIR AND GAS FILTERS

ACTIVATED CARBON TOWER

CHILLER COOLING SYSTEMS

Maximum Quality, Maximum Efficiency:

Maximize your production capacity and the quality of your products with Maksimum Makina products.



MAKSİMUM MAKİNA

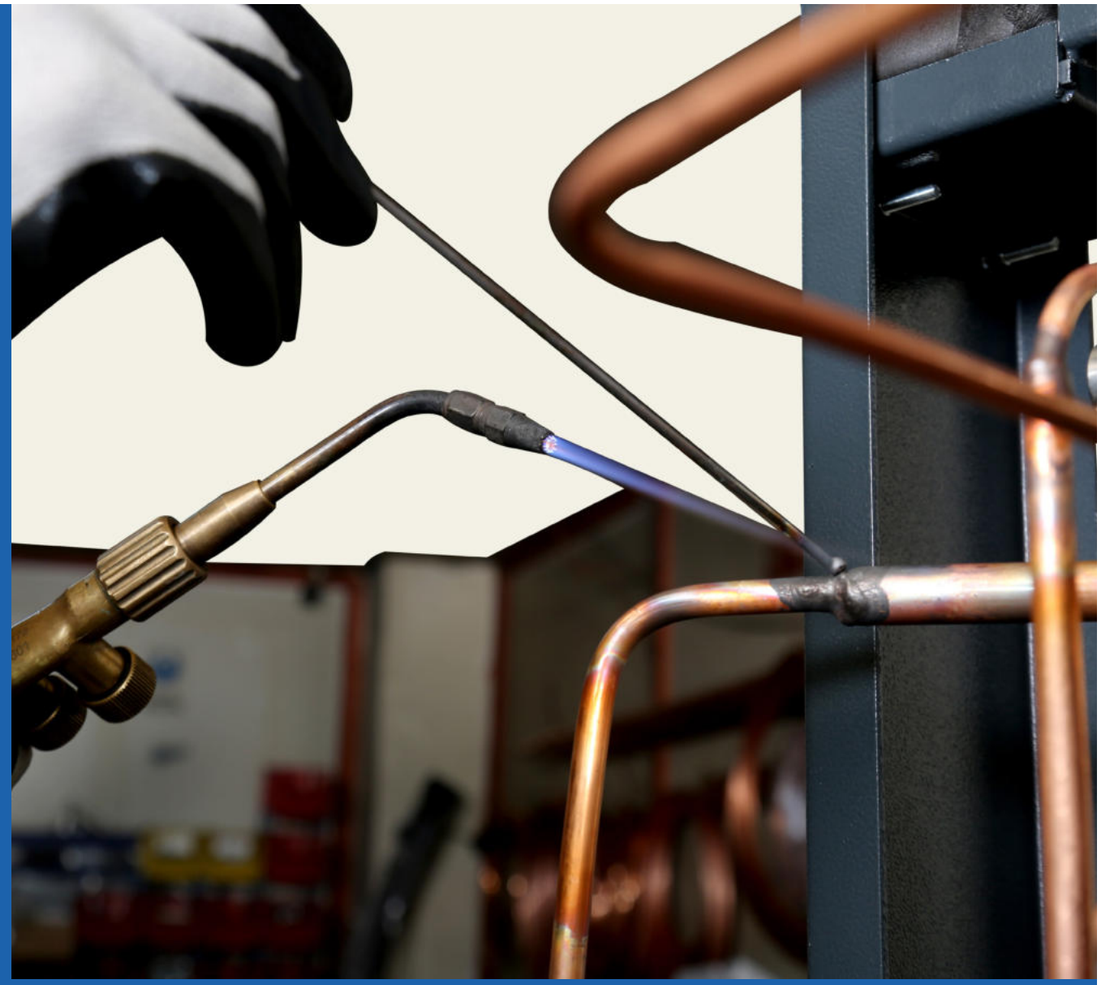
We are always ready to provide you with the best ***service in sales, service and technical support with our experienced and expert team.***

Maksimum Makina

Quality Products and Innovative Technology

By closely following technological advancements, we continuously improve our products and services. Our goal is to provide our customers with the best quality and the latest technology.

Excellent Performance, Uninterrupted Production: ***Continue uninterrupted production in your production line with Maksimum Makina's innovative and high-performance products.***



COMPRESSED AIR DRYERS

Tired of Humid Air?

Meet the Air Dryers of Maksimum Makina!

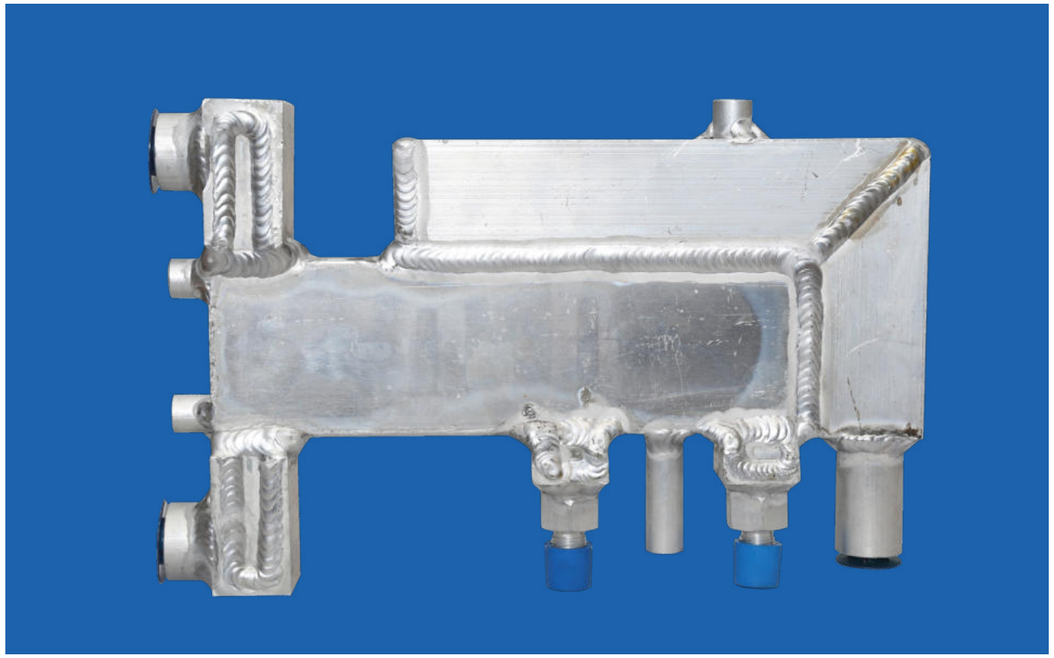
- **Promax**

- **Promax-F**

QUALITY INGREDIENTS

100% Aluminum heat exchanger

ALUMINUM HEAT EXCHANGER



Discover our compressed air dryers with 100% aluminum heat exchangers for maximum efficiency and long life.

Advantages of Aluminum Heat Exchanger:

The biggest advantage of micro-channel condensers is their significantly higher performance, meaning they offer a higher heat transfer capacity, compared to copper-tube aluminum-fin heat exchangers. This advantage is based on three key differences:

1- Increased surface contact on the refrigerant side: The smaller diameter and greater number of micro channels compared to the copper pipe increases the surface area in contact with the refrigerant.

2- Lower heat transfer resistance between the channels and aluminum fins: Due to the manufacturing process, there is an air gap between the copper tube and the aluminum fins. These air gaps create resistance to heat transfer. The contact between the micro-channel tubes and the fins is high and without gaps.

3- Reduced airflow resistance: In the copper tube version, the arrangement of the tubes negatively affects airflow and increases air pressure loss. In the microchannel heat exchanger, airflow is more linear and regular. It also reduces noise levels.

Digital Smart Control Panel in Maksimum Makina Compressed Air Dryers

Maksimum Makina compressed air dryers are equipped with state-of-the-art digital smart control panels. These panels offer numerous advantages by allowing you to precisely control and optimize every aspect of the dryer.

Features of the Digital Smart Control Panel:

Easy to Use: Thanks to the touch screen interface, you can easily control the settings and functions of the dryer.

Real-time Information: You can get real-time information about the dryer's status, humidity level, pressure and other important parameters.

Remote Access: You can access the dryer's control panel remotely and change its settings via internet connection.

Trouble Diagnostics: If any problems occur with the dryer, the control panel will show you error codes and diagnostic information to help you pinpoint the source of the problem.

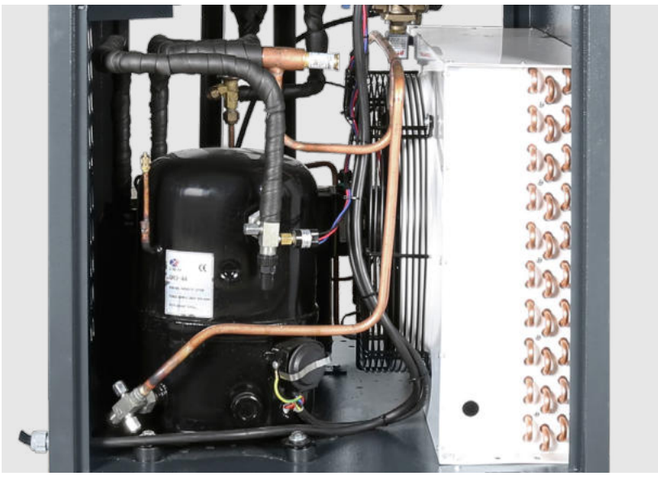
Data Logging and Analysis: You can record and analyze dryer operating data. This data can help you optimize dryer performance and save energy.

Compressed air dryers offer several benefits by removing moisture from compressed air systems.

It contributes to your business by extending the life of your machines, optimizing your production and saving energy.

Solve the Humidity Problem Continuously, Move to +3°C Dew Point!

Choose our Compressed air dryers with a +3°C dew point to eliminate problems with humid air.



Discover our Maksimum Makina +3°C Dew point compressed air dryers to reduce the humidity in your compressed air system to 99.9% and achieve perfect drying performance.

Advantages of Compact Design

Space Saving:
You can install the dryer wherever you want without compromising your workspace.

Easy Installation:
Thanks to its small size and light weight, the dryer is easy to install and transport.

Flexibility:
Can adapt to different locations and needs.

Aesthetics:
Adds value to your work environment with its modern and stylish designs.

Maksimum Benefits of Compressed Air Dryers

Increases your production efficiency. Extends the life of your machines. Saves energy. Reduces maintenance costs. Increases product quality.

FEATURES OF MAKSİMUM
COMPRESSED AIR DRYERS

Different capacity options: We offer the dryer with the capacity best suited to your needs.

Wide operating pressure range: Adaptable to various compressed air systems.

Low dew point: Eliminates problems caused by humid air.

Easy to use and control: Features a user-friendly interface.

Compact design: Saves space.

Reliable System: With a dew point of +3°C, it ensures more reliable and trouble-free operation of your pneumatic system.

Extend the Life of Your Machinery
And Reduce Your Production Costs.

PROMAX SERIES

Trouble-Free Production with Clean and Dry Air

Compressed air is naturally moist and filled with contaminated particles. Compressed air containing oil, dust, and other contaminants can damage your products and cause equipment clogging. **Max Dryer compressed air dryers filter these contaminants to provide clean, dry air.** Humidity in the air can cause corrosion in equipment, leading to rust, product staining, mold, and other problems. Humid air causes the compressor to work harder and consume more energy. Max Dryer compressed air dryers remove moisture, preventing corrosion, saving energy, extending equipment life, and improving product quality. **Clean Your Air and Increase Production Efficiency with Max DRYER compressed air dryers!**

WITH PROMAX

IMPROVE YOUR PRODUCT QUALITY!

Prevent mold, rust and staining on your products and extend the quality and life of your products with Promax compressed air dryers.

Technical Specifications Of The Promax Series

MODEL	CONNECTION DIAMETERS	CAPACITY LT/MIN	VOLTAGE	GAS	MAX. BAR	DIMENSIONS Width x Length x Height	WEIGHT kg	FILTER MODEL
PROMAX-900	3/4"	900	230 V / 1 PH / 50 HZ	R134A	16	390*430*710	32	MF 1300-1301
PROMAX-1200	3/4"	1200	230 V / 1 PH / 50 HZ	R134A	16	390*430*710	33	MF 1300-1301
PROMAX-1800	3/4"	1800	230 V / 1 PH / 50 HZ	R134A	16	390*430*710	35	MF 2600-2601
PROMAX-2200	3/4"	2200	230 V / 1 PH / 50 HZ	R134A	16	390*430*710	40	MF 2600-2601
PROMAX-2600	3/4"	2600	230 V / 1 PH / 50 HZ	R134A	16	390*430*710	43	MF 2600-2601
PROMAX-3100	1"	3100	230 V / 1 PH / 50 HZ	R134A	16	410*460*820	47	MF 3800-3801
PROMAX-3700	1"	3700	230 V / 1 PH / 50 HZ	R134A	16	410*460*820	48	MF 3800-3801
PROMAX-4500	1"	4500	230 V / 1 PH / 50 HZ	R134A	16	410*460*820	50	MF 5000-5001
PROMAX-5500	1-1/2"	5500	230 V / 1 PH / 50 HZ	R134A	16	490*500*970	60	MF 6600-66001
PROMAX-6500	1-1/2"	6500	230 V / 1 PH / 50 HZ	R134A	16	490*500*970	62	MF 6600-66001
PROMAX-8500	1-1/2"	8500	230 V / 1 PH / 50 HZ	R134A	16	580*680*1120	88	MF 9000-90001
PROMAX-11.000	2"	11.000	380 V / 3 PH / 50 HZ	R134A	16	660*680*1150	134	MF 11.000-11.001
PROMAX-13.000	2"	13.000	380 V / 3 PH / 50 HZ	R134A	16	660*680*1150	164	MF 17.000-17.001
PROMAX-17.000	2"	17.000	380 V / 3 PH / 50 HZ	R134A	16	660*680*1150	165	MF 17.000-17.001
PROMAX-20.000	2"	20.000	380 V / 3 PH / 50 HZ	R134A	16	660*680*1150	190	MF 25.000-25.001
PROMAX-25.000	2"	25.000	380 V / 3 PH / 50 HZ	R134A	16	850*900*1420	210	MF 25.000-25.001
PROMAX-30.000	3"	30.000	380 V / 3 PH / 50 HZ	R134A	16	850*1050*1420	244	MF 30.000-30.001
PROMAX-35.000	3"	35.000	380 V / 3 PH / 50 HZ	R134A	16	850*1050*1420	274	MF 40.000-40.001
PROMAX-40.000	3"	40.000	380 V / 3 PH / 50 HZ	R134A	16	950*1700*1400	300	MF 40.000-40.001
PROMAX-45.000	3"	45.000	380 V / 3 PH / 50 HZ	R134A	16	950*1700*1400	310	MF 50.000-50.001
PROMAX-50.000	3"	50.000	380 V / 3 PH / 50 HZ	R134A	16	950*1700*1400	400	MF 50.000-50.001
PROMAX-60.000	3"	60.000	380 V / 3 PH / 50 HZ	R134A	16	950*1700*1400	430	MF 60.000-60.001
PROMAX-F70.000	DN100	70.000	400 V / 3 PH / 50 HZ	R407C	16	1600*1010*1980	480	FMF 80.000-80.001
PROMAX-F80.000	DN100	80.000	400 V / 3 PH / 50 HZ	R407C	16	1600*1010*1980	510	FMF 80.000-80.001
PROMAX-F90.000	DN150	90.000	400 V / 3 PH / 50 HZ	R407C	16	1600*1010*1980	705	FMF 120.000-120.001
PROMAX-F105.000	DN150	105.000	400 V / 3 PH / 50 HZ	R407C	16	2200*1200*2090	755	FMF 120.000-120.001
PROMAX-F120.000	DN150	120.000	400 V / 3 PH / 50 HZ	R407C	16	2200*1200*2090	810	FMF 120.000-120.001
PROMAX-F140.000	DN200	140.000	400 V / 3 PH / 50 HZ	R407C	16	2400*1400*2300	920	FMF 160.000-120.001
PROMAX-F160.000	DN200	160.000	400 V / 3 PH / 50 HZ	R407C	16	2400*1400*2300	970	FMF 160.000-120.001

NOTE: *Maximum Ambient Temperature: 45° *Maximum Inlet Temperature: 50°

LESS HUMIDITY, MORE SAVINGS

PROMAX-F SERIES

Serial Filtration System in a Single Unit

The Promax-F Dryer, filters, and all other components are integrated into a single unit. There's no need to search for and assemble the necessary parts separately for installation. Placing two filters in series, aligned with the airflow, ensures that air passes through both filters. This ensures that up to 99.9% of airborne contaminants such as dust, dirt, oil, and water droplets are captured.

PROMAX-F SERIES

Compact Design:

- The fact that the filters are located inside the dryer ensures a compact design and easy installation.
- Thanks to its special compact design, the dryer can be easily positioned even in narrow spaces.
- Installation saves time and is completed effortlessly.

PROMAX-F SERİSİ

High Filtration Capacity: Filters are manufactured from special materials with high filtration capacity and maintain their high performance even in long-term use.

High Filtration Efficiency:

- Placing two filters in series according to the air flow requires the air to pass through both filters.
- Up to 99.9% of airborne pollutants are captured.
- Your compressed air system reaches the highest level of cleanliness.

Technical Specifications Of Promax-F Series

MODEL	CONNECTION DIAMETERS	CAPACITY LT/MIN	VOLTAGE	GAS	MAX. BAR	DIMENSIONS Width x Length x Height	WEIGHT kg	FILTER MODEL
PROMAX-F900	3/4"	900	230 V / 1 PH / 50 HZ	R134A	16	390*600*710	38	MF 1300-1301
PROMAX-F1200	3/4"	1200	230 V / 1 PH / 50 HZ	R134A	16	390*600*710	39	MF 1300-1301
PROMAX-F1800	3/4"	1800	230 V / 1 PH / 50 HZ	R134A	16	390*600*710	40	MF 2600-2601
PROMAX-F2200	3/4"	2200	230 V / 1 PH / 50 HZ	R134A	16	390*600*710	46	MF 2600-2601
PROMAX-F2600	3/4"	2600	230 V / 1 PH / 50 HZ	R134A	16	390*600*710	49	MF 2600-2601
PROMAX-F3100	1"	3100	230 V / 1 PH / 50 HZ	R134A	16	410*640*820	54	MF 3800-3801
PROMAX-F3700	1"	3700	230 V / 1 PH / 50 HZ	R134A	16	410*640*820	56	MF 3800-3801
PROMAX-F4500	1"	4500	230 V / 1 PH / 50 HZ	R134A	16	410*640*820	60	MF 5500-5501
PROMAX-F5500	1-1/2"	5500	230 V / 1 PH / 50 HZ	R134A	16	490*750*970	70	MF 5500-5501
PROMAX-F6500	1-1/2"	6500	230 V / 1 PH / 50 HZ	R134A	16	490*750*970	72	MF 6600-6601
PROMAX-F8500	1-1/2"	8500	230 V / 1 PH / 50 HZ	R134A	16	490*750*970	98	MF 11.000-11.001
PROMAX-F11.000	2"	11.000	400 V / 3 PH / 50 HZ	R134A	16	490*750*970	144	MF 11.000-11.001
PROMAX-F13.000	2"	13.000	400 V / 3 PH / 50 HZ	R134A	16	650*680*1200	174	MF 17.000-17.001
PROMAX-F17.000	2"	17.000	400 V / 3 PH / 50 HZ	R134A	16	650*680*1200	188	MF 17.000-17.001
PROMAX-F20.000	2"	20.000	400 V / 3 PH / 50 HZ	R134A	16	970*740*1380	221	MF 25.000-25.001
PROMAX-F25.000	2"	25.000	400 V / 3 PH / 50 HZ	R134A	16	970*740*1380	244	MF 25.000-25.001
PROMAX-F30.000	3"	30.000	400 V / 3 PH / 50 HZ	R134A	16	970*740*1380	264	MF 30.000 - 30.001
PROMAX-F35.000	3"	35.000	400 V / 3 PH / 50 HZ	R134A	16	1010*850*1500	284	MF 40.000 - 40.001
PROMAX-F40.000	3"	40.000	400 V / 3 PH / 50 HZ	R134A	16	1010*850*1500	320	MF 40.000 - 40.001
PROMAX-F45.000	3"	45.000	400 V / 3 PH / 50 HZ	R407C	16	1200*870*1800	330	MF 50.000 - 50.001
PROMAX-F50.000	3"	50.000	400 V / 3 PH / 50 HZ	R407C	16	1200*870*1800	425	MF 50.000 - 50.001
PROMAX-F60.000	DN100	60.000	400 V / 3 PH / 50 HZ	R407C	16	1200*870*1800	450	FMF 60.000-60.001
PROMAX-F70.000	DN100	70.000	400 V / 3 PH / 50 HZ	R407C	16	1600*1010*1980	480	FMF 80.000-80.001
PROMAX-F80.000	DN100	80.000	400 V / 3 PH / 50 HZ	R407C	16	1600*1010*1980	510	FMF 80.000-80.001
PROMAX-F90.000	DN150	90.000	400 V / 3 PH / 50 HZ	R407C	16	1600*1010*1980	705	FMF 120.000-120.001
PROMAX-F105.000	DN150	105.000	400 V / 3 PH / 50 HZ	R407C	16	2200*1200*2090	755	FMF 120.000-120.001
PROMAX-F120.000	DN150	120.000	400 V / 3 PH / 50 HZ	R407C	16	2200*1200*2090	810	FMF 120.000-120.001
PROMAX-F140.000	DN200	140.000	400 V / 3 PH / 50 HZ	R407C	16	2400*1400*2300	920	FMF 160.000-120.001
PROMAX-F160.000	DN200	160.000	400 V / 3 PH / 50 HZ	R407C	16	2400*1400*2300	970	FMF 160.000-120.001

NOTE: *Maximum Ambient Temperature: 45° *Maximum Inlet Temperature: 50°

Promax-F

The Definitive Solution to Moisture Problems

- **Longer Equipment Life:** Clean, dry air protects your investments by extending the life of your equipment.
- **Less Downtime and Interruption:** Clean and dry air reduces the risk of downtime, making your production flow uninterrupted.
- **Higher Product Quality:** Clean and dry air prevents your products from becoming contaminated, allowing you to produce higher quality products.
- **Lower Maintenance Costs:** Clean, dry air helps your equipment last longer, reducing maintenance costs.
- **A Safer Working Environment:** Clean and dry air creates a safer working environment by reducing risks such as explosion and fire.

COMPRESSED AIR AND GAS FILTERS

Precise Protection, Maximum Performance!

FMF SERIES FLANGED COMPRESSED AIR FILTERS

According to ISO-8573.1:2010, every compressed air system requires a specific air quality class. MAXDRYER produces four main series of flange-type compressed air filters in different standards and offers compressed air filtration solutions for critical processes with various filter combinations.

PERFECT PURITY GUARANTEE FOR YOUR CRITICAL PROCESSES

- Filter housings comply with CE and ASME standards when required.
- Reinforced, high-strength welded design
- Top flange design simplifies element replacement and reduces service time.
- Optimized service lead time and minimized cost thanks to optimized element count.
- Interior and exterior electrostatic powder coating for optimal corrosion resistance.
- Float-type mechanical drain is standard.
- Differential Pressure Indicator (dirt indicator) is standard.

DESIGNED FOR THE MOST CHALLENGING PROCESSES!

- Filter elements designed and manufactured in accordance with ISO 8573-1:2010.
- Top and bottom ABS element covers sealed with epoxy adhesive to withstand harsh operating conditions and sudden pressure changes.
- Four types of filter elements for various system solutions and customer requirements.
- Aluminum rods to secure the elements and ensure corrosion resistance.
- Filter elements with extended inlets minimize pressure loss.

MAX DRYER FMF SERIES FLANGED FILTERS FEATURES

FILTER MODEL	FILTER CAPACITY		CONNECTION	WORKING TEMPERATURE		WORKING PRESSURE		FILTER ELEMENT CHANGE			
	M³/ Hour	Lt / Min		MAX.	MIN.	MAX.	MIN.	MODEL	Element	Hour	ΔP (bar)
FMF600	3600	60.000	DN100	65 C°	2 C°	16 Bar	2 Bar	EF300	2	3.500	0,7
FMF800	4800	80.000	DN125	65 C°	2 C°	16 Bar	2 Bar	EF400	2	3.500	0,7
FMF1000	6000	100.000	DN150	65 C°	2 C°	16 Bar	2 Bar	EF500	2	3.500	0,7
FMF1200	7500	125.000	DN150	65 C°	2 C°	16 Bar	2 Bar	EF400	3	3.500	0,7
FMF1500	9000	150.000	DN150	65 C°	2 C°	16 Bar	2 Bar	EF500	3	3.500	0,7
FMF2000	12000	200.000	DN200	65 C°	2 C°	16 Bar	2 Bar	EF500	4	3.500	0,7
FMF2500	15000	250.000	DN200	65 C°	2 C°	16 Bar	2 Bar	EF500	5	3.500	0,7

CORRECTION FACTOR	0,5	0,72	0,87	1	1,06	1,12	1,22	1,32	1,44
BAR	1	3	5	7	8	9	11	13	15
PSI	15	44	73	100	116	131	160	189	218

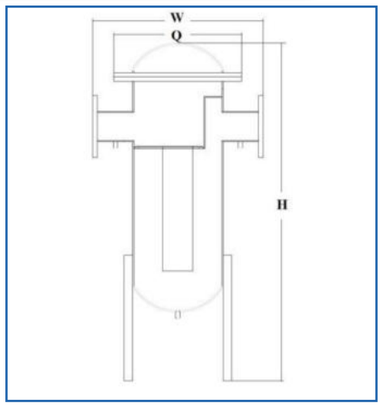
FMF SERIES FLANGED FILTER DIMENSIONS

FILTER MODEL	FILTER CAPACITY		CONNECTION	Q (mm)	H (mm)	W (mm)
	M³/Hour	Lt / Min				
F600	3600	60.000	DN100	490	1190	600
F800	4800	80.000	DN125	490	1340	600
F1000	6000	100.000	DN150	490	1445	600
F1200	7500	125.000	DN150	580	1515	720
F1500	9000	150.000	DN150	580	1550	720
F2000	12000	200.000	DN200	840	1550	750
F2500	15000	250.000	DN200	840	1650	750

MAXDRYER FMF SERIES

RELIABLE FILTRATION

POWERFUL PERFORMANCE!



MF COMPRESSED AIR FILTERS

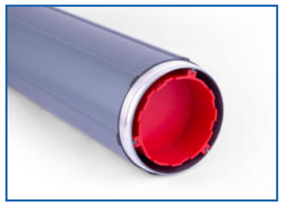
According to ISO-8573.1:2010, every compressed air system requires a specific air quality class. MAXDRYER offers filtration solutions needed in critical compressed air processes with five different series of filters of varying standards, using different filter combinations.

Air Purity is Under Your Control

- MAXDRYER Compressed Air Filters offer high filtration capacity.
- They feature a high-quality, corrosion-resistant aluminum injection-cast housing.
- Electrostatic powder-coated housings offer maximum corrosion resistance against outdoor weather conditions.
- All products come standard with a manual drain valve. Automatic drain with a float valve or a timed solenoid valve can be ordered upon request.
- A differential pressure contamination indicator can be installed on all models upon request.

INDUSTRIAL PURITY, THE LATEST TECHNOLOGY

MAXDRYER Compressed Air Filters, with their wide capacity range and 5 different series options compatible with ISO 8573.1:2010, guarantee the maximum air purity and system safety required by your critical processes.

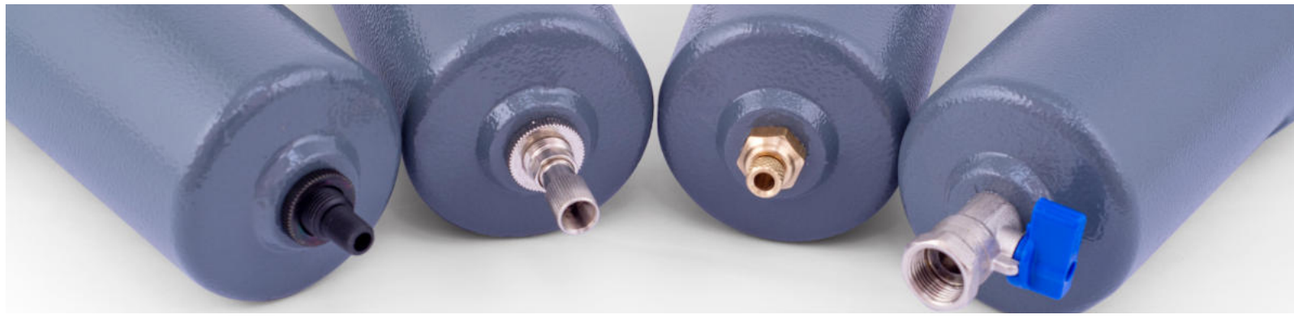



MAX DRYER MF COMPRESSED AIR FILTERS TECHNICAL SPECIFICATIONS

FILTER MODEL	FILTER CAPACITY		CONNECTION	WORKING TEMPERATURE		WORKING PRESSURE		FILTER ELEMENT CHANGE		
	M3/ Hour	Lt / Min.		MAKS.	MİN.	MAKS.	MİN.	MODEL	Saat	ΔP (bar)
MF-1300	78	1.300	1/2"	80 C°	2 C°	16 Bar	2 Bar	mfi-1300	3.500	0,7
MF-2600	144	2.400	3/4"	80 C°	2 C°	16 Bar	2 Bar	mfi-2600	3.500	0,7
MF-3800	228	3.800	1"	80 C°	2 C°	16 Bar	2 Bar	mfi-3800	3.500	0,7
MF-6600	396	6.600	1 1/2"	80 C°	2 C°	16 Bar	2 Bar	mfi-6600	3.500	0,7
MF-9000	540	9.000	1 1/2"	80 C°	2 C°	16 Bar	2 Bar	mfi-9000	3.500	0,7
MF-17.000	1020	17.000	2"	80 C°	2 C°	16 Bar	2 Bar	mfi-17.000	3.500	0,7
MF-25.000	1500	25.000	2"	80 C°	2 C°	16 Bar	2 Bar	mfi-25.000	3.500	0,7
MF-30.000	1800	30.000	3"	80 C°	2 C°	16 Bar	2 Bar	mfi-30.000	3.500	0,7
MF-40.000	2400	40.000	3"	80 C°	2 C°	16 Bar	2 Bar	mfi-40.000	3.500	0,7
MF-50.000	3000	50.000	3"	80 C°	2 C°	16 Bar	2 Bar	mfi-50.000	3.500	0,7

CORRECTION FACTOR	0,5	0,72	0,87	1	1,06	1,12	1,22	1,32	1,44
BAR	1	3	5	7	8	9	11	13	15
PSI	15	44	73	100	116	131	160	189	218

ELEMENT TYPE	UNIT	VF SERİSİ	MF00 SERİSİ	MF01 SERİSİ	MCF SERİSİ	SF SERİSİ
ELEMENT DEFINITION		Genel Amaçlı	Su ve Yağ Tutucu Filtre	Hassas Partikul Filtre	Aktif Karbon Filtre	Steril Filtre
Particle Separation	micron	3	0,1	0,01	-	0,01
Oil Permeability (at 21 C°)	mg/m^3	-	0,1	0,01	0,003	0,01
Pressure Loss / New & Dry	mbar	35	60	80	60	80
Pressure Loss for Change	mbar	700	700	700	6 ay süre	6 ay süre



MSF Series Water Separators

MSF series water separators are specially designed for the removal of condensed liquid water and residues from compressed air and gases.

100’den 3000
Solution Up To m³/Hour!

Purity for Every Flow!

Centrifugal action removes contaminants with minimal pressure loss for maximum efficiency and energy savings.

The Maxdryer water separators and steam trap series are available in 1/2” to 3” connection sizes and for flow rates from 100 m3/h to 3000 m3/h.

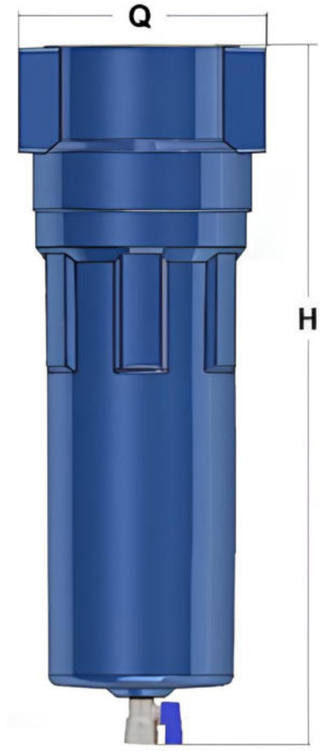
MAX DRYER MSF SERIES WATER SEPARATORS TECHNICAL SPECIFICATIONS

SEPARATOR SOCKET DIMENSIONS

FILTER MODEL	FILTER CAPACITY		CONNECTION	Q (mm)	H (mm)
	M³/Hour	Lt / Min			
MSF015	100	1.667	1/2”	95	275
MSF020	200	3.350	3/4”	95	275
MSF050	300	5.000	1”	120	310
MSF100	600	10.000	1 1/2”	120	410
MSF200	1200	20.000	2”	175	550
MSF300	1800	30.000	3”	210	635
MSF500	3000	50.000	3”	210	795

CORRECTION FACTOR	0,5	0,72	0,87	1	1,06	1,12	1,22	1,32	1,44
BAR	1	3	5	7	8	9	11	13	15
PSI	15	44	73	100	116	131	160	189	218

Maximum Operating Temperature	80 C°
Minimum Operating Temperature	2 C°
Pressure Loss at Specific Flow Rate	40 mbar
Maximum Working Pressure	16 bar



MFHP Series 50 Bar High Pressure Air Filters

MAXDRYER MFHP series high-pressure air filters are specifically designed for applications requiring high-pressure compressors to increase air pressure up to **50 Bar.**

HIGH PRESSURE, FULL PROTECTION!

MAXDRYER MFHP series high-pressure air filters are specially designed. They are used in applications involving high-pressure compressors to increase air pressure up to 50 bar.

Highly durable and reliable, MFHP series filters are compatible with virtually all high-pressure compressors.

The MAXDRYER MFHP series are 50 bar high-pressure air filters frequently preferred in industrial applications. These filters are particularly well-known for their corrosion resistance and ability to withstand high pressures.

All filter elements are silicone-free. Stainless steel elements are optionally available.

All MFHP series filter housings are anodized to ensure maximum housing corrosion resistance. All models feature a standard manual drain.

MFHP SERIES 50 BAR HIGH PRESSURE AIR FILTERS TECHNICAL SPECIFICATIONS

FILTER MODEL	FILTER CAPACITY			WORKING TEMPERATURE		WORKING PRESSURE		FILTER ELEMENT		
	M^3/Hr	Lt / Min	CONNECTION	MAX.	MİN.	MAX.	MİN.	MODEL	CHANGE	ΔP (bar)
MFHP2000	120	2.000	1/4″	80 C°	2 C°	50 Bar	2 Bar	EHPF020	3.500	0,7
MFHP5000	300	5.000	1/2″	80 C°	2 C°	50 Bar	2 Bar	EHPF050	3.500	0,7
MFHP10.000	600	10.000	3/4″	80 C°	2 C°	50 Bar	2 Bar	EHPF100	3.500	0,7
MFHP15.000	900	15.000	1″	80 C°	2 C°	50 Bar	2 Bar	EHPF150	3.500	0,7
MFHP-20.000	1.200	20.000	1″	80 C°	2 C°	50 Bar	2 Bar	EHPF200	3.500	0,7
MFHP-28.000	1.650	28.000	1 1/2″	80 C°	2 C°	50 Bar	2 Bar	EHPF280	3.500	0,7
MFHP-40.000	2.550	40.000	2″	80 C°	2 C°	50 Bar	2 Bar	EHPF430	3.500	0,7
MFHP-50.000	3.000	50.000	2 1/2″	80 C°	2 C°	50 Bar	2 Bar	EHPF500	3.500	0,7

CORRECTION FACTOR	2,43	1,96	1,65	1,41	1,24	1,12	1
Operating Pressure. (Bar)	20	25	30	35	40	45	50
Operating Pressure (PSI)	290	363	435	507	580	653	725

Max Dryer High Pressure Filter Dimensions

MODEL	Connection	Capacity (m^3/hr)	Capacity (lt/ min)	Diameter (mm) D	Height (mm) H
HPF020	1/4″	120	2.000	118	155
HPF050	1/2″	300	5.000	118	165
HPF100	3/4″	600	10.000	118	210
HPF150	1″	900	15.000	139	260
HPF200	1″	1.200	20.000	139	330
HPF280	1 1/2″	1.650	27.500	139	380
HPF430	2″	2.550	42.500	158	400
HPF500	2 1/2″	3.000	50.000	180	400

YMFHP 350 Bar High Pressure Air Filters

High-Pressure Air Filters are specially designed to increase air pressure up to **350 Bar** in applications with high-pressure compressors.

350 Bar Pressure

Uninterrupted Purity

Highly durable and reliable, the YMFHP Series filters are compatible with nearly all high-pressure compressors.

MAXDRYER MFHP Series 350 bar high-pressure air filters are manufactured from anti-corrosive materials.

They are manufactured from high-strength aluminum alloy using modern metalworking methods.

All filter elements are silicone-free. Stainless steel elements are optionally available.

All YMFHP series filter housings are specially designed to withstand the most sensitive processes.

These filters feature an anodized coating for maximum housing corrosion resistance, providing long-lasting and reliable performance.

YMFHP SERİSİ 350 BAR YÜKSEK BASINÇLI HAVA FİLTRELERİ TEKNİK ÖZELLİKLERİ

FILTER MODEL	FILTER CAPACITY		CONNECTION	ÇALIŞMA SICAKLIĞI		ÇALIŞMA BASINCI		FİLTRE ELEMENTİ		
	M³/Hr	Lt / Min		MAKS.	MIN.	MAKS.	MIN.	MODEL	DEĞİŞİM	ΔP (bar)
YMFHP2000	120	2.000	1/4″	80 C°	2 C°	350 Bar	2 Bar	EHPF020	3.500	0,7
YMFHP5000	300	5.000	1/2″	80 C°	2 C°	350 Bar	2 Bar	EHPF050	3.500	0,7
YMFHP10.00	600	10.000	3/4″	80 C°	2 C°	350 Bar	2 Bar	EHPF100	3.500	0,7
YMFHP15.000	900	15.000	1″	80 C°	2 C°	350 Bar	2 Bar	EHPF150	3.500	0,7
YMFHP-20.00	1.200	20.000	1″	80 C°	2 C°	350 Bar	2 Bar	EHPF200	3.500	0,7
YMFHP-28.00	1.650	28.000	1 1/2″	80 C°	2 C°	350 Bar	2 Bar	EHPF280	3.500	0,7
YMFHP-40.00	0 2.550	40.000	2″	80 C°	2 C°	350 Bar	2 Bar	EHPF430	3.500	0,7
YMFHP-50.00	3.000	50.000	2 1/2″	80 C°	2 C°	350 Bar	2 Bar	EHPF500	3.500	0,7

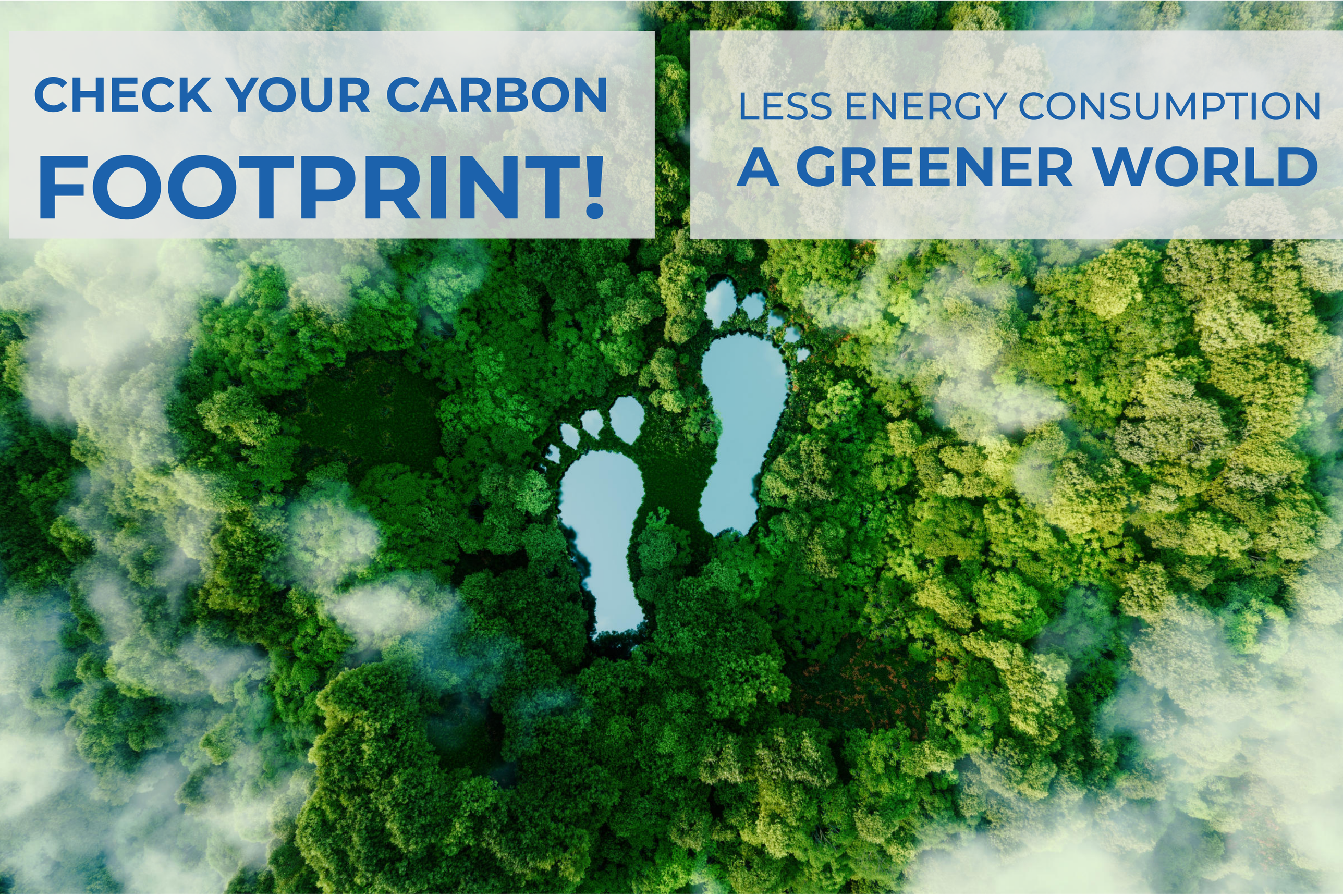
CORRECTION FACTOR	2,43	1,96	1,65	1,41	1,24	1,12	1
Operating Pressure (Bar)	20	25	30	35	40	45	50
Operating Pressure (PSI)	290	363	435	507	580	653	725

Max Dryer High Pressure Filter Dimensions

MODEL	Connection	Capacity (m³/hr)	Capacity (lt/min)	Diameter (mm) D	Height (mm) H
HPF020	1/4″	120	2.000	118	155
HPF050	1/2″	300	5.000	118	165
HPF100	3/4″	600	10.000	118	210
HPF150	1″	900	15.000	139	260
HPF200	1″	1.200	20.000	139	330
HPF280	1 1/2″	1.650	27.500	139	380
HPF430	2″	2.550	42.500	158	400
HPF500	2 1/2″	3.000	50.000	180	400

CHECK YOUR CARBON FOOTPRINT!

LESS ENERGY CONSUMPTION
A GREENER WORLD



NITROGEN GENERATORS

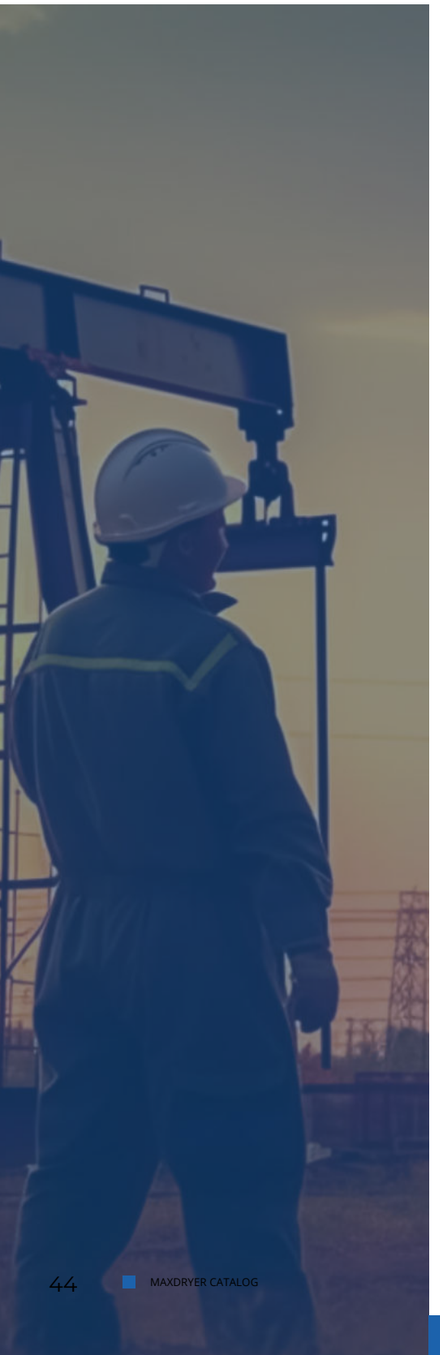
Produce Sustainable Nitrogen Gas Yourself!

Nitrogen purity from 95% to 99.999% (5.0) and 99.9999% (6.0)

PRODUCE YOUR OWN NITROGEN SAVE THE COST!

Nitrogen Gas Production
Up to 70% Energy Savings

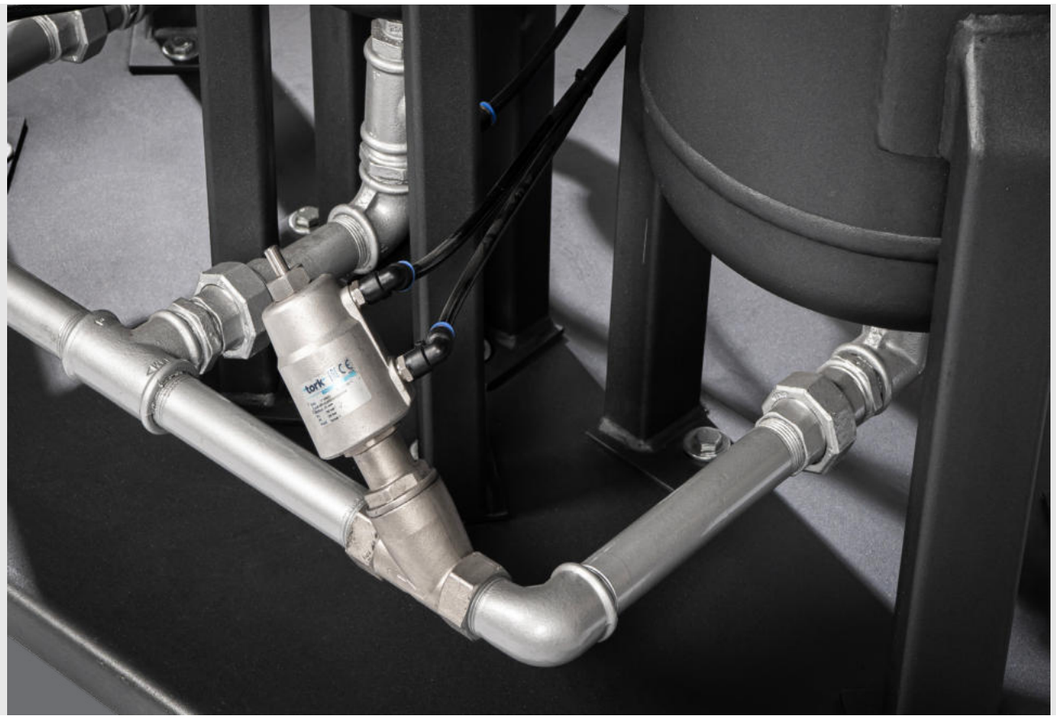
Maksimum Makina PSA nitrogen generators are designed to produce high purity and minimum cost nitrogen gas for industrial and MAP FOOD GAS applications using air from your air compressor.



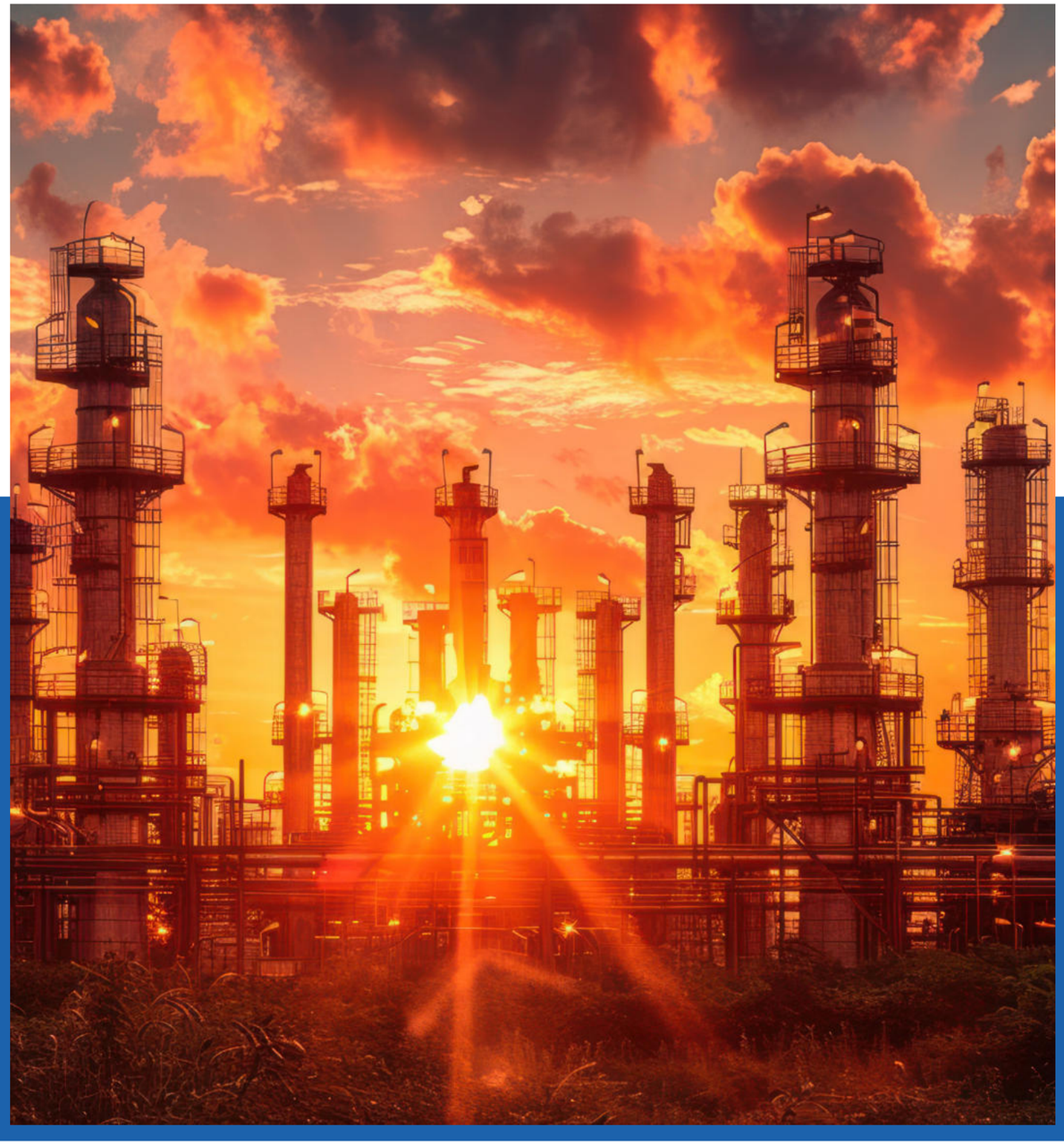
Maksimum Makina Nitrogen Generators

Nitrogen gas is used to provide a clean, dry, and inert atmosphere in environments and manufacturing processes where oxygen is undesirable. Nitrogen gas is needed in many different areas, from extending the shelf life of food and beverages to serving as a catalyst in chemical reactions.

Maksimum Makina PSA nitrogen generators can produce nitrogen gas with a purity between **95% and 99.9999%** by separating the oxygen molecules in the compressed air produced by your air compressor. **Thanks to PSA (Pressure Swing Adsorption) technology,** they generate nitrogen on-site, providing an energy-efficient and **environmentally friendly system.**

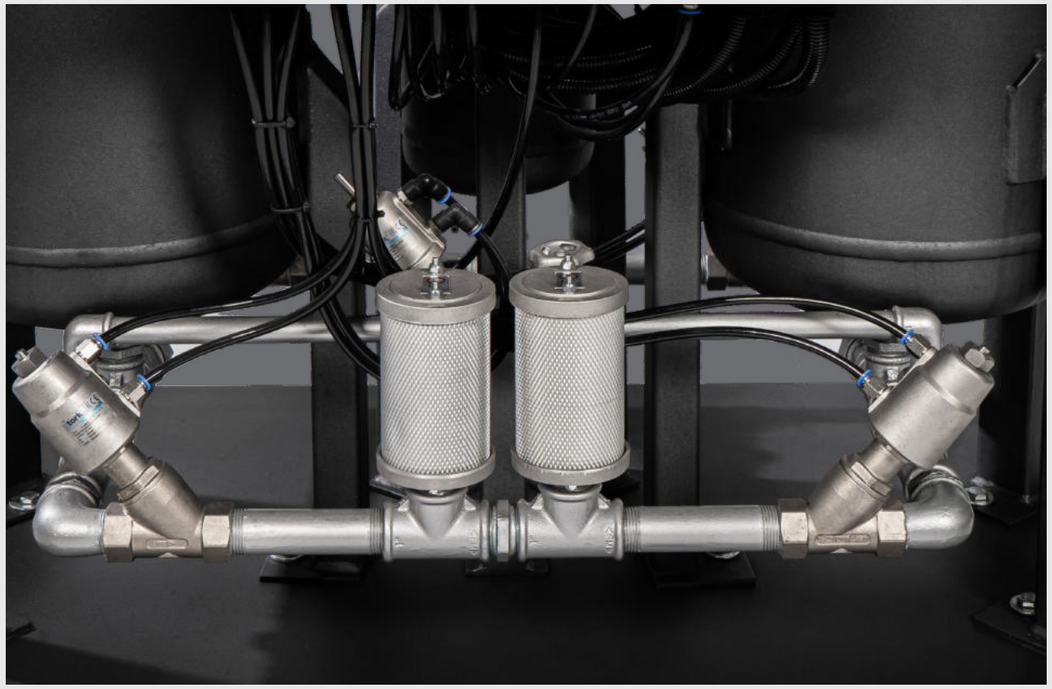


LOWER YOUR NITROGEN GAS PRODUCTION COSTS!



Advantages of PSA Nitrogen Generators

- **Energy Savings:** PSA technology is an energy-efficient solution that significantly reduces nitrogen production costs.
- **High Efficiency:** Our PSA generators produce nitrogen gas by using the air from your air compressor in the most efficient way.
- **Reliability:** Our PSA generators are designed for robust and reliable operation and use original spare parts with a long service life.
- **Easy to Use:** Our PSA generators feature a user-friendly interface and automatic control system. They are easy to install and use.
- **Low Maintenance Costs:** Our PSA generators feature a simple design that requires minimal maintenance.
- **Environmentally Friendly:** PSA generators do not produce harmful emissions and are an environmentally friendly solution.



Benefits of Our Nitrogen Generators

High Purity Nitrogen Production:
It allows you to produce high purity nitrogen by separating the oxygen molecules in the compressed air obtained from the compressor.

Cost Savings:
PSA technology reduces operating costs by providing energy efficiency. This provides significant long-term savings.

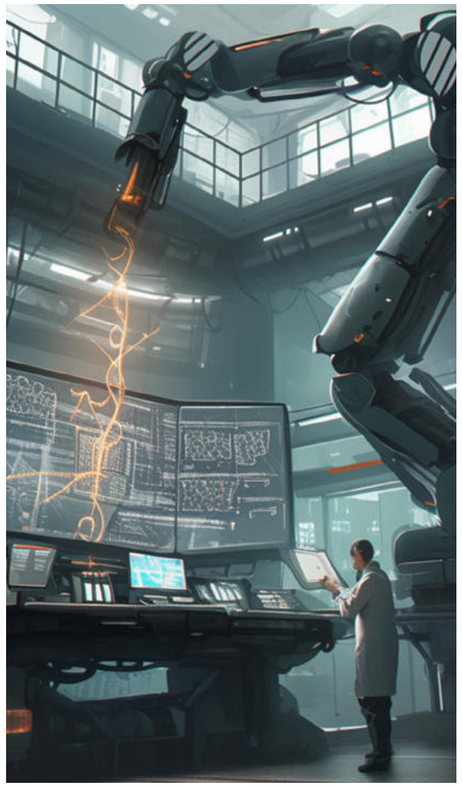
Continuous and Reliable Supply:
Generators designed to industrial standards allow you to continuously and reliably produce nitrogen gas yourself in your production area. This is a significant advantage in production continuity and quality control.

Easy Operation and Maintenance:
Thanks to automatic control systems and low maintenance requirements, generators are easy to use and operate, increasing operational and production efficiency.

Environmentally Friendly:
Nitrogen generators minimize environmental impact by reducing oxygen use in industrial processes, contributing to sustainability efforts.

Friendly Production For Environmentally
Reduce Your Carbon Footprint!

Online Access to PSA Nitrogen Generators



You can receive periodic reports and monitor the performance of your system with the automatic reporting system.

You can monitor the status and performance of your Nitrogen Generator from anywhere and from any device.

You can monitor important parameters such as pressure, temperature, purity and energy consumption in real time.

You can detect potential problems in advance and take the necessary precautions with **online access.**

Thanks to remote access, you can minimize production interruptions and failure costs.

Energy Saving

Discover Nitrogen Generators!

Nitromax Nitrogen Generators Technical Information

		LOW PURITY-LP						HIGH PURITY-HP		
Nitrogen Purity Rate		%95	%97	%98	%99	%99,50	%99,90	%99,95	%99,99	%99,999
Oksijen Oranı		%5	%3	%2	%1	%0.5	%0.1	500 PPM	100 PPM	10 PPM
Nitromax 3	Nm³/h	4,76	3,78	3,19	2,62	2,14	1,40	1,20	0,81	0,34
Nitromax 5	Nm³/h	8,50	6,75	5,70	4,68	3,83	2,50	2,15	1,45	0,61
Nitromax 10	Nm³/h	14,65	11,64	9,83	8,06	6,59	4,31	3,71	2,50	1,06
Nitromax 15	Nm³/h	23,46	18,63	15,73	12,90	10,56	6,90	5,93	4,00	1,63
Nitromax 20	Nm³/h	41,04	32,59	27,52	22,57	18,47	12,07	10,38	7,00	2,96
Nitromax 25	Nm³/h	58,62	46,55	39,31	32,24	26,38	17,24	14,83	10,00	4,22
Nitromax 30	Nm³/h	81,60	65,17	56,81	44,16	36,51	23,25	20,50	14,38	7,14
Nitromax 40	Nm³/h	107,11	85,53	74,44	57,91	47,91	30,49	26,92	18,81	8,55
Nitromax 50	Nm³/h	140,69	111,73	94,35	77,38	63,31	41,38	35,59	24,00	10,14
Nitromax 60	Nm³/h	179,91	143,75	125,17	96,52	79,79	50,78	44,84	31,28	15,64
Nitromax 80	Nm³/h	216,89	172,23	145,44	119,29	97,69	63,79	54,86	37,00	15,63
Nitromax 100	Nm³/h	275,54	218,81	184,77	151,54	123,99	81,04	69,69	47,00	19,85
Nitromax 150	Nm³/h	333,94	266,73	232,25	180,74	149,53	95,06	84,04	58,65	29,27
Nitromax 200	Nm³/h	404,46	321,19	271,23	222,46	182,01	118,96	102,31	69,00	29,15
Nitromax 250	Nm³/h	472,34	375,09	316,75	259,78	212,55	138,92	119,47	80,58	34,03
Nitromax 300	Nm³/h	538,13	427,33	360,79	279,97	256,40	256,40	158,27	91,80	38,78
Nitromax 400	Nm³/h	609,87	484,3	408,97	335,43	274,45	179,37	154,26	104,04	43,95
Nitromax 500	Nm³/h	691,73	549,32	463,87	380,45	311,28	203,45	174,97	118,00	49,85
Nitromax 600	Nm³/h	803,08	637,74	538,54	441,64	361,39	239,20	203,13	137,00	57,87
Nitromax 700	Nm³/h	937,96	744,85	628,98	515,88	422,08	275,87	237,25	160,00	67,59
Nitromax 800	Nm³/h	1.052,02	840,58	731,74	565,41	471,23	299,47	264,79	184,82	92,31
Nitromax 900	Nm³/h	1.266,53	1.011,84	880,87	685,54	567,12	360,46	318,75	224,46	111,18
Nitromax 1000	Nm³/h	1.563,25	1.248,99	1.087,32	846,19	700,02	444,92	393,51	290,73	137,19
Nitromax 1250	Nm³/h	1.859,76	1.485,83	1.293,56	1.006,63	832,72	529,38	468,07	326,70	163,20
Nitromax 1500	Nm³/h	2.088,96	1.668,82	1.452,78	1.197,07	935,34	594,55	525,81	366,89	183,29
Nitromax 2000	Nm³/h	2.576,23	2.058,24	1.792,20	1.394,41	1.153,60	753,36	648,48	452,58	225,98

Inlet Air Temperature °C	5	10	15	20	25	30	35	40	45	50
	41	50	59	68	77	86	95	104	113	112
Performance %	0,85	1,03	1,02	1	0,93	0,85	0,8	0,72	0,6	0,52

Compressed air Inlet pressure	bar(g)	6	7	8	9	10	11
	psi(g)	87	101	116	130	145	159
Performance %		0,78	0,85	1	1,1	1,16	1,26

For a Sustainable Ecological Environment

Produce Your Own Nitrogen Gas!

OXYGEN GENERATORS

Maksimum Makina's oxygen generators, based on PSA (Pressure Swing Adsorption) technology, offer an ideal solution for generating oxygen gas from compressed air in industrial settings. They provide a cost-effective, continuous, and safe alternative to traditional oxygen gas sources.

95% Purity Clean Oxygen Everywhere

Features of Oxygen Generator

- **Wide Capacity Range:** A wide range of models are available, ranging from 0.5 to 2000 Nm3/h with 95% purity. Thanks to its product range, it offers ideal solutions to meet diverse industrial needs.
- **Continuous Operation:** Product design optimized for 24/7 uninterrupted operation. Increases production continuity and operational efficiency.
- **Automatic Control and Functionality:** Each generator is equipped with automatic start and stop function according to the oxygen consumption in use.
- **Reliability and Safety:** Designed to meet industrial standards, our generators are known for their reliability and safety features. High-quality materials and workmanship ensure long-lasting operation.
- **Energy Efficiency:** Our PSA technology optimizes energy consumption, reducing operating costs and environmental impact.

Oxygen Generators

Meet Its Powerful Features!

PREMIUM QUALITY INGREDIENTS

PSA Technology:
Guarantees you to get the best return on your investment.

Ultra Purity:
Produces pure oxygen gas with up to 95% efficiency and economy.

Sustainability:
Contribute to the environment by producing your own oxygen gas.

High Purity:
Achieve perfect purity with zeolite molecular technology.

Low Maintenance Costs:
Eliminate external dependency with minimal maintenance costs.

- **Zirconium Dioxide Oxygen Sensor:** High sensitivity and long life.
- **PLC Display:** Reliable and robust control system.
- **7” Touch Color Screen:** Easy to use and understandable interface.
- **Modbus/Profibus/RMB:** Compatible with different communication protocols.
- **Stainless Steel Pneumatic Valves:** High performance and reliable.

TECHNOLOGY AND SECURITY

Protection Mode with Dewpoint Measurements:
Protects your device from moisture and contamination.

High-Quality Zeolite Molecular Sieve:
Long-lasting and high-performance.

IP55 Standard Protection:
Resistant to dust and water.

High Flow with Low Compressor:
Produces more oxygen with less energy

95% Purity

Advantages of Oxygen Generators

- **Recovery of Material Loss:** You can save costs with PSA technology.
- **High Purity:** Offers ideal purity levels for different needs.
- **Low Maintenance Costs:** Provides savings with its long life and easy maintenance.
- **Savings on Filling and Transfer Costs:** Reduce your costs with your own oxygen production.

Features of Oxymax Oxygen Generators

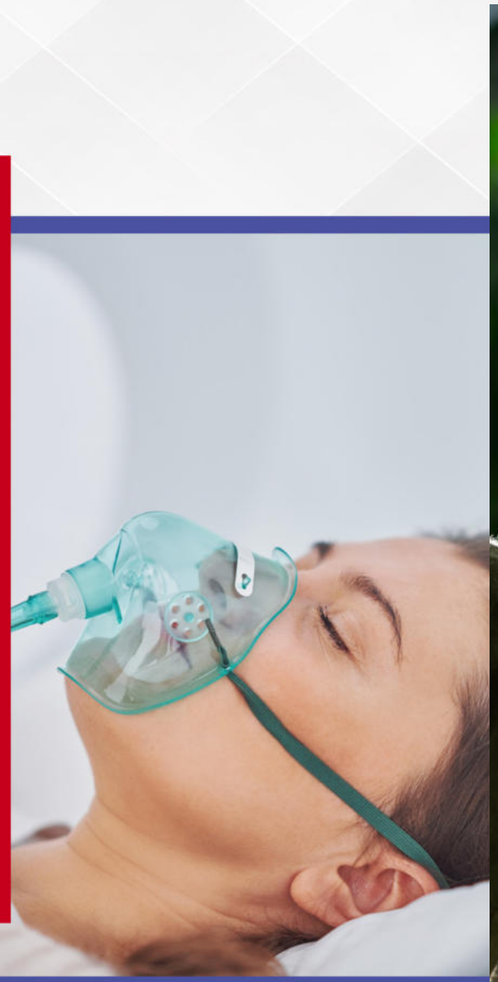
Oxygen Capacity (Nm³/h)					Air Consumption	
OXYMAX	%93		%95		%93	%95
	Lt/Min	Nm³/h	Lt/Min	Nm³/h		
OXYMAX 3	25,00	1,50	23,33	1,40	16,50	18,20
OXYMAX 5	37,50	2,25	34,33	2,06	24,75	26,78
OXYMAX 10	50,00	3,00	45,83	2,75	33,00	35,75
OXYMAX 15	62,50	3,75	57,50	3,45	41,25	44,85
OXYMAX 20	75,00	4,50	68,66	4,12	49,50	53,56
OXYMAX 25	100,00	6,00	91,66	5,50	66,00	71,50
OXYMAX 30	125,00	7,50	114,16	6,85	82,50	89,05
OXYMAX 40	150,00	9,00	136,66	8,20	99,00	106,60
OXYMAX 50	200,00	12,00	181,00	10,86	132,00	141,18
OXYMAX 60	250,00	15,00	229,16	13,75	165,00	178,75
OXYMAX 80	300,00	18,00	275,00	16,50	198,00	214,50
OXMAX 100	350,00	21,00	319,16	19,15	231,00	248,95
OXYMAX 150	400,00	24,00	365,00	21,90	264,00	284,70
OXYMAX 200	500,00	30,00	460,50	27,63	330,00	359,19
OXYMAX 250	600,00	36,00	546,66	32,80	396,00	426,40
OXYMAX 300	700,00	42,00	637,50	38,25	462,00	497,25
OXYMAX 400	800,00	48,00	732,00	43,92	528,00	570,96
OXYMAX 500	900,00	54,00	826,66	49,60	594,00	644,80
OXYMAX 600	1000,00	60,00	916,66	55,00	660,00	715,00
OXYMAX 700	1200,00	72,00	1098,00	65,88	792,00	856,44
OXYMAX 800	1400,00	84,00	1282,33	76,94	924,00	1000,22
OXYMAX 900	1600,00	96,00	1458,33	87,50	1056,00	1137,50
OXYMAX 1000	1800,00	108,00	1660,83	99,65	1188,00	1295,45
OXYMAX 1250	2000,00	120,00	1833,33	110,00	1320,00	1430,00
OXYMAX 1500	2500,00	150,00	2300,00	138,00	1650,00	1794,00

Oxygen generators operate with a compressor and a minimum inlet dew point of 8 bar and +3°C. This requires compressed air purified from water and oil. Production can be done at any purity and flow rate beyond this limit.

PRODUCE YOUR OWN OXYGEN AND ELIMINATE EXTERNAL DEPENDENCY!

Reliable Oxygen
A Healthy Future!

Produce Sustainable Oxygen Gas Yourself
With A Low Energy Compressor!



Aluminum Desiccant Air Dryers

Professional Drying Solution

Our **aluminum-bodied desiccant dryer** is the ideal solution for safely and effectively drying all types of chemicals in your laboratory, hospital, or **industrial environment**. Its robust aluminum body ensures **long-lasting use and is corrosion-resistant.**

Benefits of Aluminum Body Desiccant Dryers

Large Capacity:
A variety of models with varying airflow capacities to suit every need.

High Performance:
Wide dew point range from -40°C to -70°C.

Easy Installation:
Practical and quick installation with the all-in-one design.

Energy Efficiency:
Low pressure drop saves energy.

Long Service Life:
Durable aluminum body and stainless steel interior.

User-Friendly:
Easy-to-use control panel and clear displays.

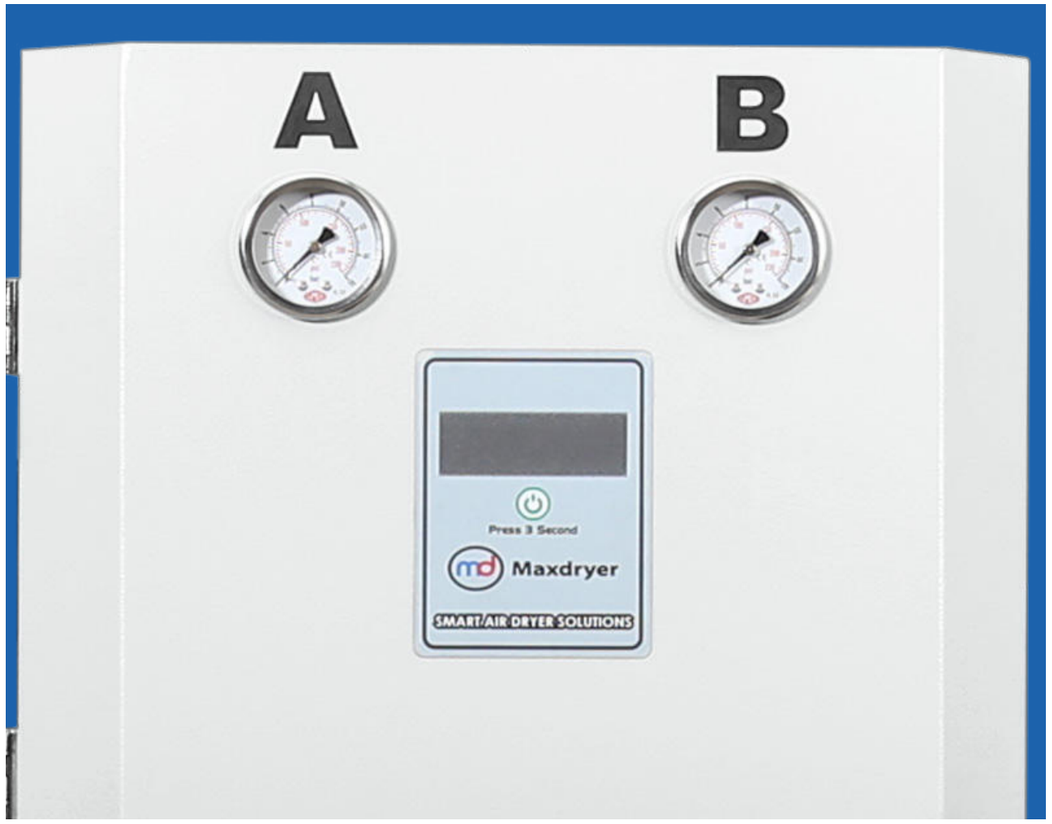
Safe Use:
Closed drying chamber and explosion-proof design.

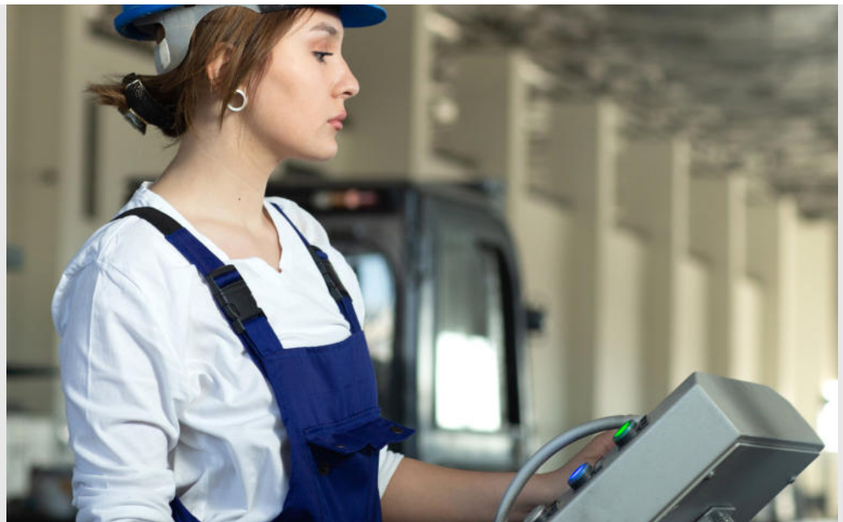
High Air Flow and Efficient Drying

Our dryer helps you dry your produce quickly and evenly with its high airflow and efficient drying features.

Temperature and Airflow Control

Our dryer features adjustable temperature and airflow control to adapt to your specific drying needs. Precise temperature control ensures your samples are dried without damage.





EASY TO USE, LOW MAINTENANCE

Kurutucumuz, kullanımı kolay ve bakımı az bir tasarıma sahiptir. Kolay erişilebilen kontrol paneli ve basit ayarlar ile kullanıcı dostudur.

FEATURES OF THE ALUMINUM BODY DESICCANT DRYER

- Robust and durable aluminum body
- Large drying area
- Strong airflow
- Adjustable fan speed and temperature settings
- Closed drying compartment
- Explosion-proof design
- Easy to use control panel
- Clearly visible indicators
- Detachable drying racks
- Stainless steel inner lining

Technical Specifications of Desiccant Air Dryers

MODEL	CONNECTION DIAMETERS	CAPACITY LT/MİN	VOLTAGE	MAX. BAR	DIMENSIONS Width x Length x Height	WEIGHT kg	FILTER MODEL
MDK/AL-1200	1"	1200	230 V / 1 PH / 50 HZ	16	394*388*774	30	MF 3800-3801
MDK/AL-1800	1"	1800	230 V / 1 PH / 50 HZ	16	394*388*784	35	MF 3800-3801
MDK/AL-2200	1"	2200	230 V / 1 PH / 50 HZ	16	394*388*1109	40	MF 3800-3801
MDK/AL-2600	1"	2600	230 V / 1 PH / 50 HZ	16	394*388*1209	50	MF 3800-3801
MDK/AL-3100	1"	3100	230 V / 1 PH / 50 HZ	16	394*388*1470	55	MF 3800-3801
MDK/AL-3700	1"	3700	230 V / 1 PH / 50 HZ	16	394*388*1570	75	MF 3800-3801
MDK/AL-4500	1-1/2"	4500	230 V / 1 PH / 50 HZ	16	394*588*1450	100	MF 6600-6601
MDK/AL-5500	1-1/2"	5500	230 V / 1 PH / 50 HZ	16	394*588*1450	150	MF 6600-6601
MDK/AL-6500	1-1/2"	6500	230 V / 1 PH / 50 HZ	16	394*588*1450	180	MF 6600-6601

NOTE: *Maximum Ambient Temperature: 45° *Maximum Inlet Temperature: 50°

NO MORE HUMID AIR!

DISCOVER DRY AND CLEAN CO

AIR WITH DESICCANT AIR DRYERS!

Desiccant Air Dryers

Reliable Solution for Dry and Clean Air

Desiccant Air Dryers

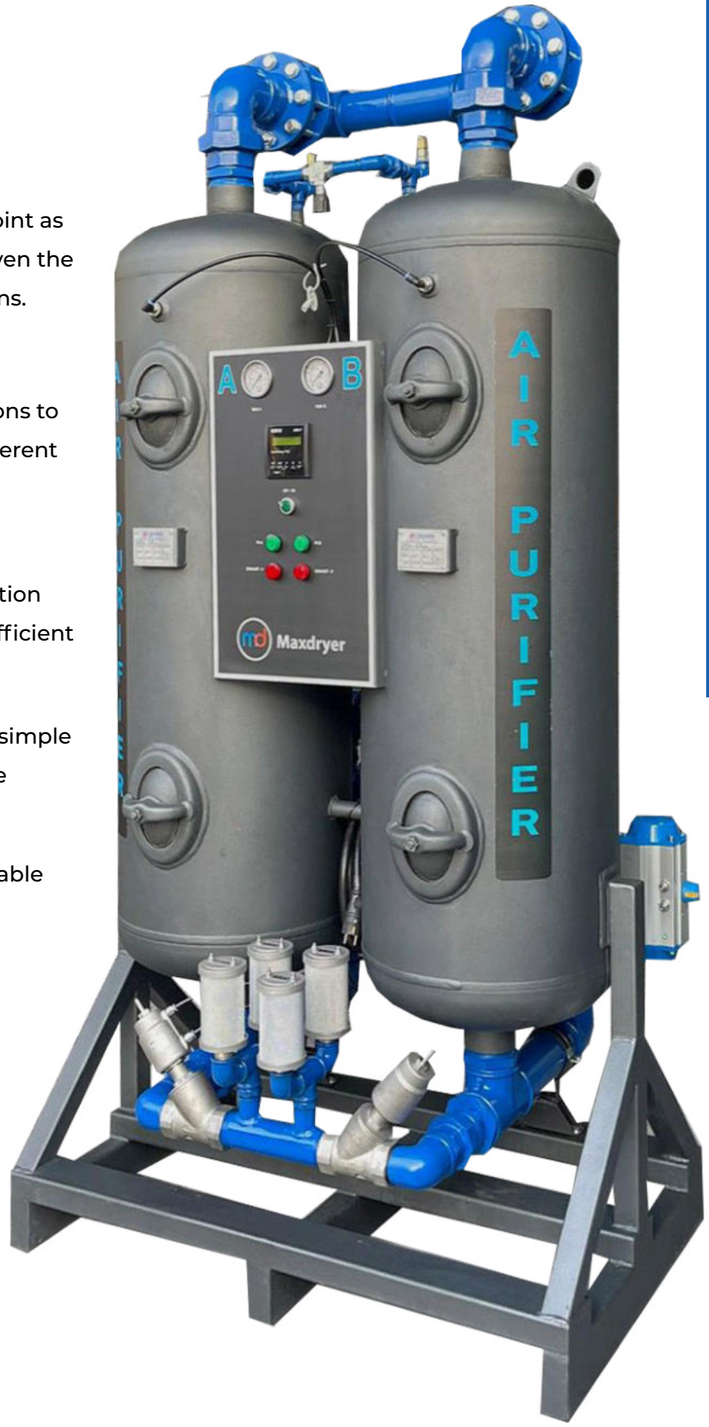
These systems are specifically designed to remove moisture and contaminants from compressed air. They meet the dry, clean air needs of sensitive processes and equipment.

Working Principle:

Desiccant air dryers consist of two adsorption beds containing moisture-absorbing materials. While moist air dries one bed, the other undergoes a regeneration process, ensuring continuous production of dry air.

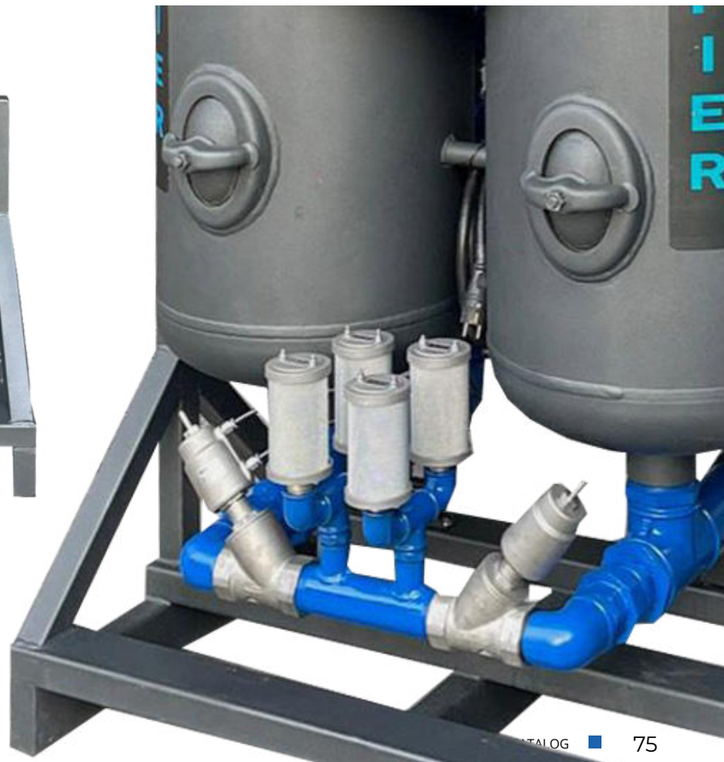
ADVANTAGES OF DESICCANT AIR DRYERS

- **Low dew point:** Providing a dew point as low as -70°C, they can be used in even the most demanding drying applications.
- **High air capacity:** They offer solutions to every need with models having different air flow capacities.
- **Energy saving:** They do not require heating or cooling for the regeneration process, making them an energy-efficient option.
- **Easy maintenance:** Thanks to their simple and easy-to-use design, they require minimal maintenance.
- **Long-lasting:** They are made of durable materials and have a long lifespan.



THINGS TO CONSIDER WHEN CHOOSING DESICCANT AIR DRYERS

- **Air flow capacity:** A model appropriate to the amount of air required should be selected.
- **Dew point:** A model with a dew point appropriate to the area of use should be selected.
- **Pressure:** A model suitable for the pressure value of the system should be selected.
- **Inlet and outlet connections:** The dryer's inlet and outlet connections must be compatible with the air line.



Desiccant Air Dryers Technical Information

MODEL	CONNECTION DIAMETERS	CAPACITY LT/MİN	VOLTAGE	MAX. BAR	DIMENSIONS Width x Length x Height	WEIGHT kg	FILTER MODEL
MDK-900	3/4"	900	230 V / 1 PH / 50 HZ	16	800*550*1350	90	MF 1300-1301
MDK-1200	3/4"	1200	230 V / 1 PH / 50 HZ	16	800*550*1550	95	MF 1300-1301
MDK-1800	3/4"	1800	230 V / 1 PH / 50 HZ	16	800*550*1750	110	MF 2600-2601
MDK-2200	3/4"	2200	230 V / 1 PH / 50 HZ	16	900*600*1400	160	MF 2600-2601
MDK-2600	3/4"	2600	230 V / 1 PH / 50 HZ	16	900*600*1600	180	MF 2600-2601
MDK-3100	1"	3100	230 V / 1 PH / 50 HZ	16	900*600*1800	200	MF 3800-3801
MDK-3700	1"	3700	230 V / 1 PH / 50 HZ	16	900*600*2000	225	MF 3800-3801
MDK-4500	1"	4500	230 V / 1 PH / 50 HZ	16	1000*600*1600	270	MF 5000-5001
MDK-5500	1-1/2"	5500	230 V / 1 PH / 50 HZ	16	1000*600*1850	290	MF 6600-66001
MDK-6500	1-1/2"	6500	230 V / 1 PH / 50 HZ	16	1060*650*1650	320	MF 6600-66001
MDK-8500	1-1/2"	8500	230 V / 1 PH / 50 HZ	16	1060*650*1850	340	MF 9000-90001
MDK-11.000	2"	11.000	230 V / 1 PH / 50 HZ	16	1060*650*2150	535	MF 11.000-11.001
MDK-13.000	2"	13.000	230 V / 1 PH / 50 HZ	16	1200*680*1700	560	MF 17.000-17.001
MDK-17.000	2"	17.000	230 V / 1 PH / 50 HZ	16	1200*680*1900	760	MF 17.000-17.001
MDK-20.000	2"	20.000	230 V / 1 PH / 50 HZ	16	1340*750*1800	880	MF 25.000-25.001
MDK-25.000	2"	25.000	230 V / 1 PH / 50 HZ	16	1340*750*2100	950	MF 25.000-25.001
MDK-30.000	3"	30.000	230 V / 1 PH / 50 HZ	16	1160*1500*2500	1220	MF 30.000-30.001
MDK-35.000	3"	35.000	230 V / 1 PH / 50 HZ	16	1252*1550*2600	1560	MF 40.000-40.001
MDK-40.000	3"	40.000	230 V / 1 PH / 50 HZ	16	1280*1620*2710	1900	MF 40.000-40.001
MDK-45.000	3"	45.000	230 V / 1 PH / 50 HZ	16	1400*1800*2500	2250	MF 50.000-50.001
MDK-50.000	3"	50.000	230 V / 1 PH / 50 HZ	16	1450*1800*2600	2350	MF 50.000-50.001
MDK-60.000	3"	60.000	230 V / 1 PH / 50 HZ	16	1290*2100*2900	3000	MF 60.000-60.001
MDK-70.000	DN100	70.000	230 V / 1 PH / 50 HZ	16	1310*2200*3000	3200	FMF 80.000-80.001
MDK-80.000	DN100	80.000	230 V / 1 PH / 50 HZ	16	1400*2400*3200	3500	FMF 80.000-80.001
MDK-90.000	DN150	90.000	230 V / 1 PH / 50 HZ	16	1435*2100*3600	3690	FMF 120.000-120.001
MDK-105.000	DN150	105.000	230 V / 1 PH / 50 HZ	16	1610*2200*3750	3900	FMF 120.000-120.001
MDK-120.000	DN150	120.000	230 V / 1 PH / 50 HZ	16	1735*2300*3900	4200	FMF 120.000-120.001
MDK-140.000	DN200	140.000	230 V / 1 PH / 50 HZ	16	1835*2400*4000	5010	FMF 160.000-160.001
MDK-160.000	DN200	160.000	230 V / 1 PH / 50 HZ	16	1935*2540*4200	5750	FMF 160.000-160.001

NOT: *Maksimum Ortam Sıcaklığı : 45° *Maksimum Giriş Sıcaklığı : 50°

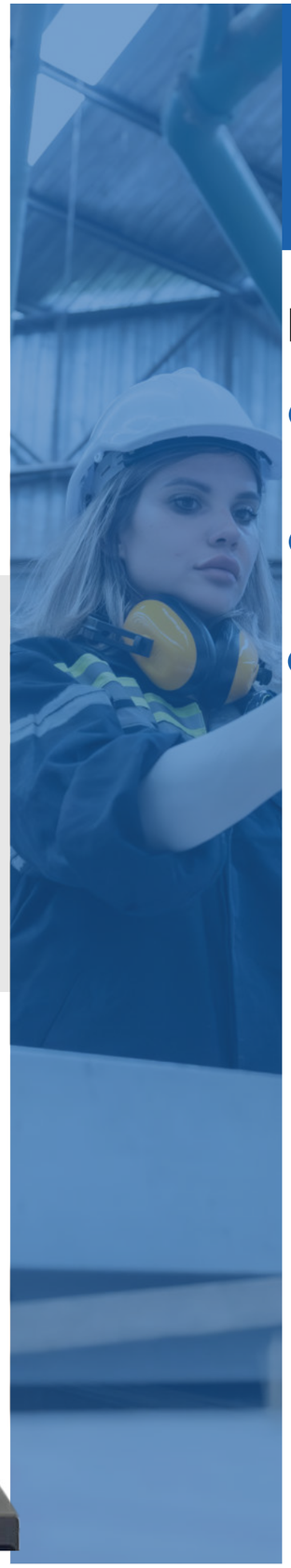
IMPROVE YOUR PRODUCT QUALITY WITH

DESICCANT AIR DRYERS!

DESICCANT AIR DRYERS
WITH ACTIVATED CARBON TOWERS

A Powerful Solution For Oil-Free And Dry Air

Maksimum Makina Active Carbon Tower Desiccant Air Dryers are designed to meet the most demanding drying and degreasing requirements by combining a desiccant dryer and an active carbon tower.

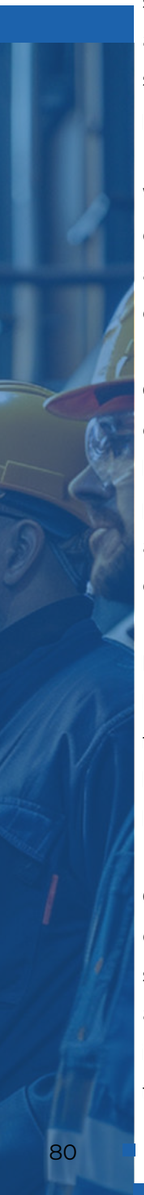


Desiccant Air Dryers With Activated Carbon Towers

How Does It Work?

- **Dehumidification:** Contaminated air passes through a bed of desiccant materials in a desiccant dryer. During this stage, water vapor entrained in the air is largely absorbed, lowering the dew point.
- **Oil and Odor Removal:** The air then enters the activated carbon tower. The activated carbon removes oil vapor, hydrocarbons, and odors from the airstream by trapping them at the molecular level.
- **Oil-Free and Dry Air:** In the final stage, clean and dry air comes out of the dryer system and becomes ready for use.

WHY SHOULD YOU CHOOSE MAKSİMUM MAKİNA ACTIVATED CARBON TOWER DESICCANT AIR DRYERS?



High Efficiency: Maksimum Makina systems remove up to 99.9% of moisture and contaminants from your air stream, delivering the highest drying performance and degreasing ability.

Wide Application Area: These systems can be used in various industries such as food, pharmaceutical, electronics, chemical and textile.

Oil-Free Air: An activated carbon tower completely removes oil vapor and hydrocarbons from your air stream, protecting sensitive equipment and preventing the risk of product contamination.

Long-Lasting and Low Maintenance: Maksimum systems are manufactured from high-quality materials and require little maintenance. They offer a long-lasting and economical solution.

Custom Design: Each system is designed and manufactured to your specific requirements. Factors such as airflow capacity, dew point, and installation space are taken into account to provide the most suitable solution.

ADVANTAGES OF MAXIMUM MAKINA ACTIVE CARBON TOWER DESICCANT AIR DRYERS

- You can extend the shelf life of your products.
- You can protect your sensitive equipment.
- You can eliminate the risk of product contamination.
- You can reduce your operating costs.
- You can increase your production efficiency.

Extend the life of your products...

Protect your equipment...

Get rid of oil and moisture...

Technical Information for Desiccant Air Dryers with Activated Carbon Towers

MODEL	CONNECTION DIAMETERS	CAPACITY LT/MİN	VOLTAGE	MAX. BAR	DIMENSIONS Width x Length x Height	WEIGHT kg	FILTER MODEL	A.K. TOWER MODEL
MDK-900	3/4"	900	230 V / 1 PH / 50 HZ	16	1060*550*1350	140	MF 1300-1301	MCT-1200
MDK-1200	3/4"	1200	230 V / 1 PH / 50 HZ	16	1060*550*1550	145	MF 1300-1301	MCT-1200
MDK-1800	3/4"	1800	230 V / 1 PH / 50 HZ	16	1060*550*1750	150	MF 2600-2601	MCT-2200
MDK-2200	3/4"	2200	230 V / 1 PH / 50 HZ	16	1220*600*1400	210	MF 2600-2601	MCT-2200
MDK-2600	3/4"	2600	230 V / 1 PH / 50 HZ	16	1220*600*1600	230	MF 2600-2601	MCT-3700
MDK-3100	1"	3100	230 V / 1 PH / 50 HZ	16	1220*600*1800	250	MF 3800-3801	MCT-3700
MDK-3700	1"	3700	230 V / 1 PH / 50 HZ	16	1220*600*2000	275	MF 3800-3801	MCT-3700
MDK-4500	1"	4500	230 V / 1 PH / 50 HZ	16	1350*600*1600	340	MF 5000-5001	MCT-6500
MDK-5500	1-1/2"	5500	230 V / 1 PH / 50 HZ	16	1350*600*1850	360	MF 6600-66001	MCT-6500
MDK-6500	1-1/2"	6500	230 V / 1 PH / 50 HZ	16	1460*650*1650	390	MF 6600-66001	MCT-6500
MDK-8500	1-1/2"	8500	230 V / 1 PH / 50 HZ	16	1460*650*1850	410	MF 9000-90001	MCT-11.000
MDK-11.000	2"	11.000	230 V / 1 PH / 50 HZ	16	1460*650*2150	605	MF 11.000-11.001	MCT11.000
MDK-13.000	2"	13.000	230 V / 1 PH / 50 HZ	16	1700*680*1700	660	MF 17.000-17.001	MCT-17.000
MDK-17.000	2"	17.000	230 V / 1 PH / 50 HZ	16	1700*680*1900	860	MF 17.000-17.001	MCT-17.000
MDK-20.000	2"	20.000	230 V / 1 PH / 50 HZ	16	1910*750*1800	980	MF 25.000-25.001	MCT-25.000
MDK-25.000	2"	25.000	230 V / 1 PH / 50 HZ	16	1910*750*2100	1050	MF 25.000-25.001	MCT-25.000
MDK-30.000	3"	30.000	230 V / 1 PH / 50 HZ	16	1160*1500*2500	1220	MF 30.000-30.001	DIŞARIDAN BAĞLANTILI
MDK-35.000	3"	35.000	230 V / 1 PH / 50 HZ	16	1252*1550*2600	1560	MF 40.000-40.001	DIŞARIDAN BAĞLANTILI
MDK-40.000	3"	40.000	230 V / 1 PH / 50 HZ	16	1280*1620*2710	1900	MF 40.000-40.001	DIŞARIDAN BAĞLANTILI
MDK-45.000	3"	45.000	230 V / 1 PH / 50 HZ	16	1400*1800*2500	2250	MF 50.000-50.001	DIŞARIDAN BAĞLANTILI
MDK-50.000	3"	50.000	230 V / 1 PH / 50 HZ	16	1450*1800*2600	2350	MF 50.000-50.001	DIŞARIDAN BAĞLANTILI
MDK-60.000	3"	60.000	230 V / 1 PH / 50 HZ	16	1290*2100*2900	3000	MF 60.000-60.001	DIŞARIDAN BAĞLANTILI
MDK-70.000	DN100	70.000	230 V / 1 PH / 50 HZ	16	1310*2200*3000	3200	FMF 80.000-80.001	DIŞARIDAN BAĞLANTILI
MDK-80.000	DN100	80.000	230 V / 1 PH / 50 HZ	16	1400*2400*3200	3500	FMF 80.000-80.001	DIŞARIDAN BAĞLANTILI
MDK-90.000	DN150	90.000	230 V / 1 PH / 50 HZ	16	1435*2100*3600	3690	FMF 120.000-120.001	DIŞARIDAN BAĞLANTILI
MDK-105.000	DN150	105.000	230 V / 1 PH / 50 HZ	16	1610*2200*3750	3900	FMF 120.000-120.001	DIŞARIDAN BAĞLANTILI
MDK-120.000	DN150	120.000	230 V / 1 PH / 50 HZ	16	1735*2300*3900	4200	FMF 120.000-120.001	DIŞARIDAN BAĞLANTILI
MDK-140.000	DN200	140.000	230 V / 1 PH / 50 HZ	16	1835*2400*4000	5010	FMF 160.000-120.001	DIŞARIDAN BAĞLANTILI
MDK-160.000	DN200	160.000	230 V / 1 PH / 50 HZ	16	1935*2540*4200	5750	FMF 160.000-120.001	DIŞARIDAN BAĞLANTILI

NOTE: *Maximum Ambient Temperature: 45° *Maximum Inlet Temperature: 50°

Aktif Karbon Kulesi

No More Oil Vapor and Odor Problems From ComAressed Air!

Clean, dry compressed air is critical for many industrial applications. Oil vapor and odors can lead to blockages in compressed air systems, product defects, and even safety risks. Activated carbon towers are an ideal solution for this problem.

Pre-filters and post-filters are used to reduce oil contamination in compressed air to as little as 0.01 mg/m³. In some sensitive applications, residual oil content may need to be reduced to as little as 0.003 mg/m³. In such cases, a more advanced filtration system is used.

HOW DO ACTIVATED CARBON TOWERS WORK?

Activated carbon towers are equipped with activated carbon granules with large surface areas. As compressed air passes through these granules, oil vapors and odor molecules are adsorbed into the pores of the activated carbon, resulting in clean, oil-free air.

Technical Specifications of Activated Carbon Towers

MODEL	CONNECTION DIAMETERS	CAPACITY LT/MİN	MAX. BAR	DIMENSIONS Width x Length x Height	WEIGHT kg
MCT-1200	1"	1200	16	220*1050	25
MCT-2200	1"	2200	16	220*1350	30
MCT-3700	1"	3700	16	280*1100	60
MCT-4500	1-1/2"	4500	16	280*1550	72
MCT-5500	1-1/2"	5500	16	345*1400	85
MCT-6500	1-1/2"	6500	16	345*1600	90
MCT-11.000	2"	11.000	16	460*1580	150
MCT-17.000	2"	17.000	16	460*1780	170
MCT-25.000	2"	25.000	16	580*1950	298
MCT-30.000	3"	30.000	16	580*2000	330
MCT-40.000	3"	40.000	16	700*1750	430
MCT-50.000	3"	50.000	16	700*1950	565

NOTE: *Maximum Ambient Temperature: 50° *Maximum Inlet Temperature: 60°

ADVANTAGES OF ACTIVATED CARBON TOWERS

High Efficiency:
Activated carbon towers can achieve up to 99.9% oil mist and odor removal efficiency.

Wide Range of Applications:
Activated carbon towers are available for various airflow capacities and pressure levels.

Easy to Use:
Activated carbon towers are very easy to install and use.

Low Maintenance Costs:
Apart from periodic replacement of activated carbon fillings, the towers do not require any special maintenance.

Environmentally Friendly:
Activated carbon does not emit any harmful substances into the environment.

Maxcool Laser Cutting Cooling Chiller

Maxcool Cooling Chiller for Precise Cutting and High Production Capacity

Maxcool Laser Cutting Cooling Systems keep your machine at a safe and stable operating temperature by removing heat from your laser system and dissipating it into the environment. This ensures consistent, precise, and long-lasting laser cutting.

BENEFITS OF MAXCOOL LASER CUTTING COOLING CHILLER SYSTEMS

Features

- New-generation R407C refrigerant that does not harm the ozone layer.
- Visual and audible warnings for water temperature and alarm parameters.
- Fan speed control.
- Its wheels allow it to be easily moved and placed wherever necessary within the facility.
- Because the device includes a water pump, water tank, and plumbing, it can be immediately put into operation by simply connecting the water return hose to the machine where it will be used.
- Since the system requires only one water addition during start-up, there is no risk of calcification or contamination.
- Because the device is compact and a fully functional unit, it can be placed near or adjacent to the machine it will cool.

TECHNICAL SPECIFICATIONS OF
MAXCOOL COOLING CHILLER

MODEL	CAPACITY Kcal /h	WAREHOUSE VOLUME (lt)	DIMENSIONS Width x Length x Height	VOLTAGE
MAXCL02	800	15	55*40*045	220 V 50 HZ
MAXCL08	1250	15	55*40*045	220 V 50 HZ
MAXCL-8	20.000	200	130*80*185	380 V 50 HZ
MAXCL-1	2500	45	90*48*56	220 V 50 HZ
MAXCL1.5	3750	55	90*48*56	220 V 50 HZ
MAXCL-2	5000	80	105*68*90	220 V 50 HZ
MAXCL-2.5	6500	80	105*68*90	380 V 50 HZ
MAXCL-3	7500	130	105*68*90	380 V 50 HZ
MAXCL-4	10.000	130	110*68*88	380 V 50 HZ
MAXCL-5	12.500	145	110*68*88	380 V 50 HZ
MAXCL-6	15.000	180	130*70*155	380 V 50 HZ
MAXCL-7	17.500	180	130*80*155	380 V 50 HZ
MAXCL-8	2 0.000	200	130*80*185	380 V 50 HZ

The values in the catalogue may be changed in parallel with the research and development studies.

THE FUTURE'S INDUSTRIAL SOLUTIONS ARE HERE!

Maxdryer

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www.maxdryer.com

info@maxdryer.com

+90 212 809 19 19