

Maximum Performance
Maximum Efficiency



MAKSIMUM 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.



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.

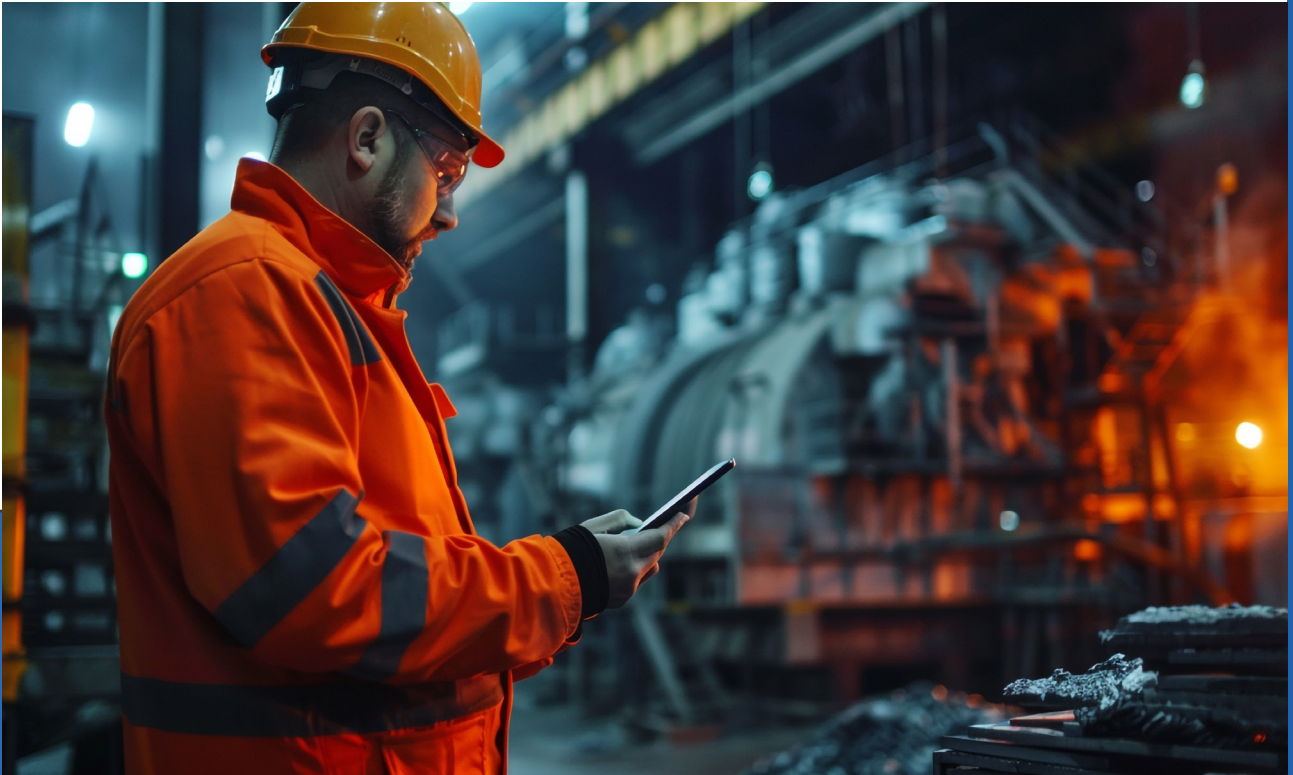
Customer Satisfaction: Customer satisfaction is our top priority. We always strive to provide the best service.

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.



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			
	M ³ /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

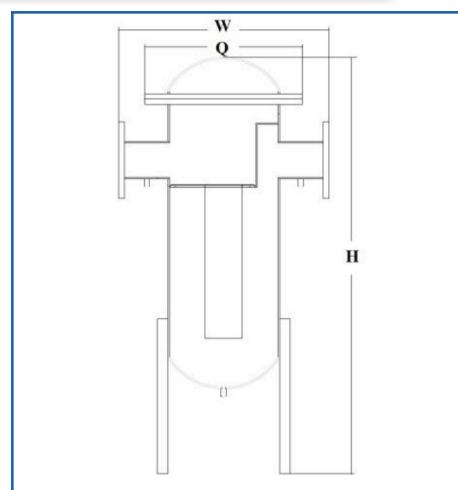
FMF SERIES FLANGED FILTER DIMENSIONS

FILTER MODEL	FILTER CAPACITY		CONNECTION	Q (mm)	H (mm)	W (mm)
	M ³ /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.

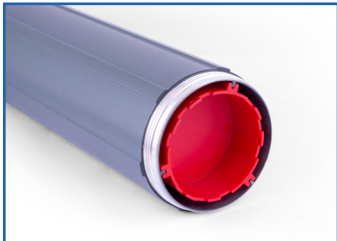
Air Purity is Under Your Control



- 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 Partikül Filtre	Aktif Karbon Filtre	Steril Filtre
Particle Separation	micron	3	0,1	0,01	-	0,01
Oil Permeability (at 21 C°)	mg/m³	-	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

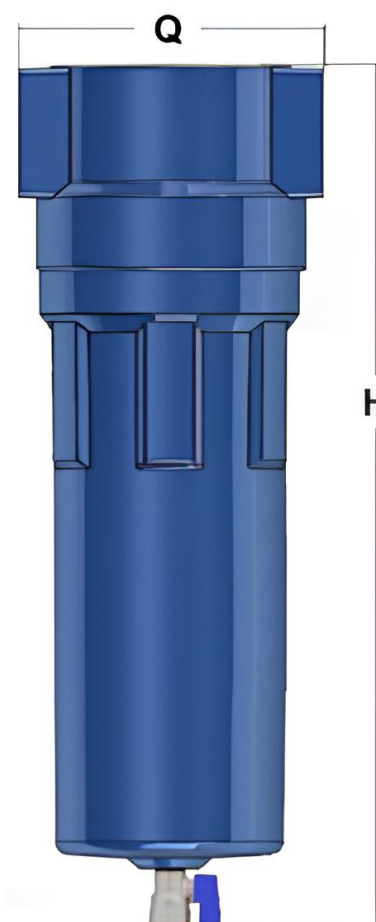
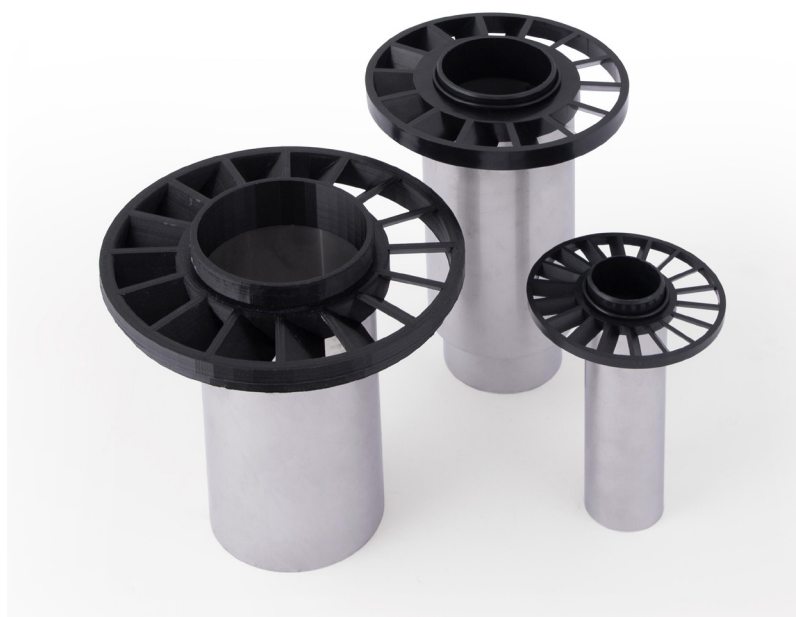
TECHNICAL SPECIFICATIONS

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		
	M³/Hr	Lt / Min	CONNECTION	MAX.	MiN.	MAX.	MiN.	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 (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



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		
	M ³ /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 (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



CHECK YOUR CARBON FOOTPRINT!





LESS ENERGY CONSUMPTION **A GREENER WORLD**



Maxdryer



 Aykosan Sanayi Sitesi Çarşı Blok No : 22
İkitelli - İSTANBUL-TÜRKİYE

Follow Us



 www.maxdryer.com

 info@maxdryer.com

 +90 212 809 19 19