

Maximum Performance  
Maximum Efficiency



# MAKSİMUM MAKİNA CATALOG



[www.maxdryer.com](http://www.maxdryer.com)

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





# 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

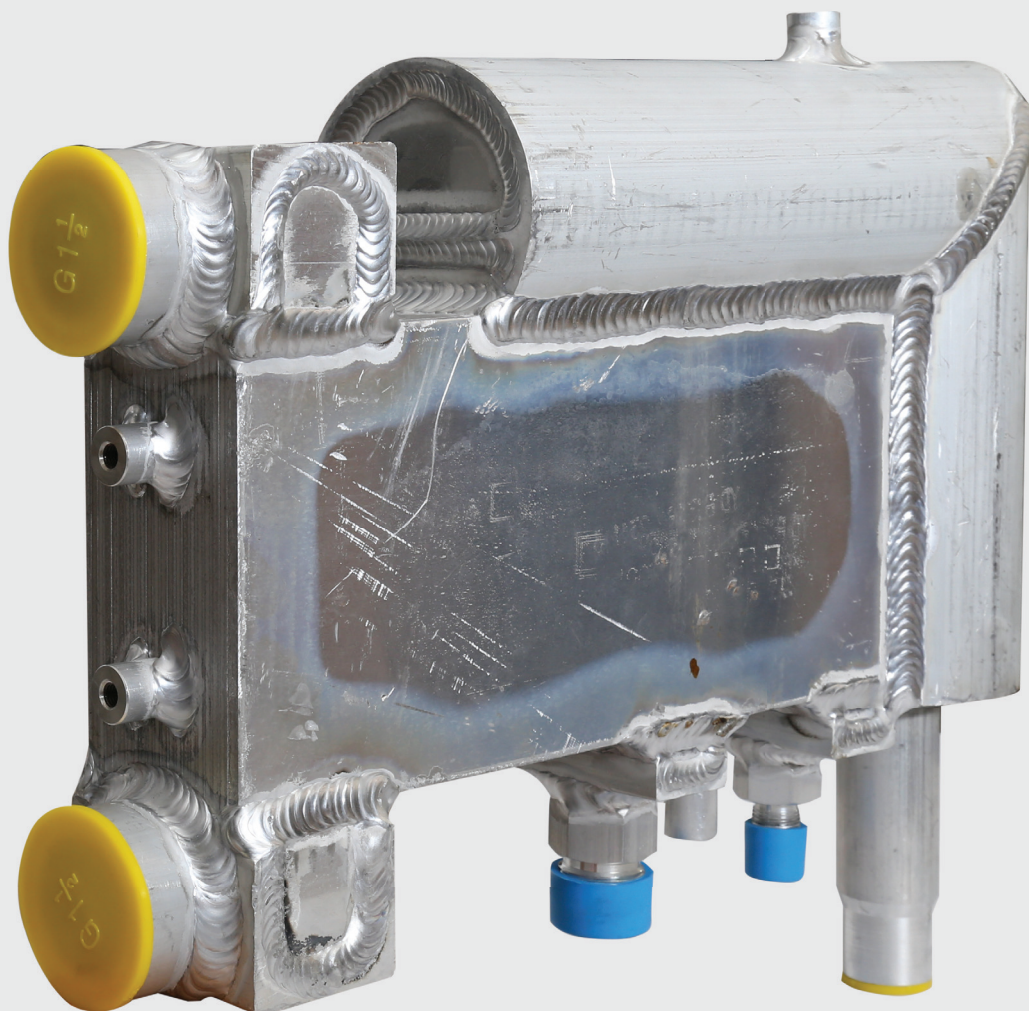


- Promax-F



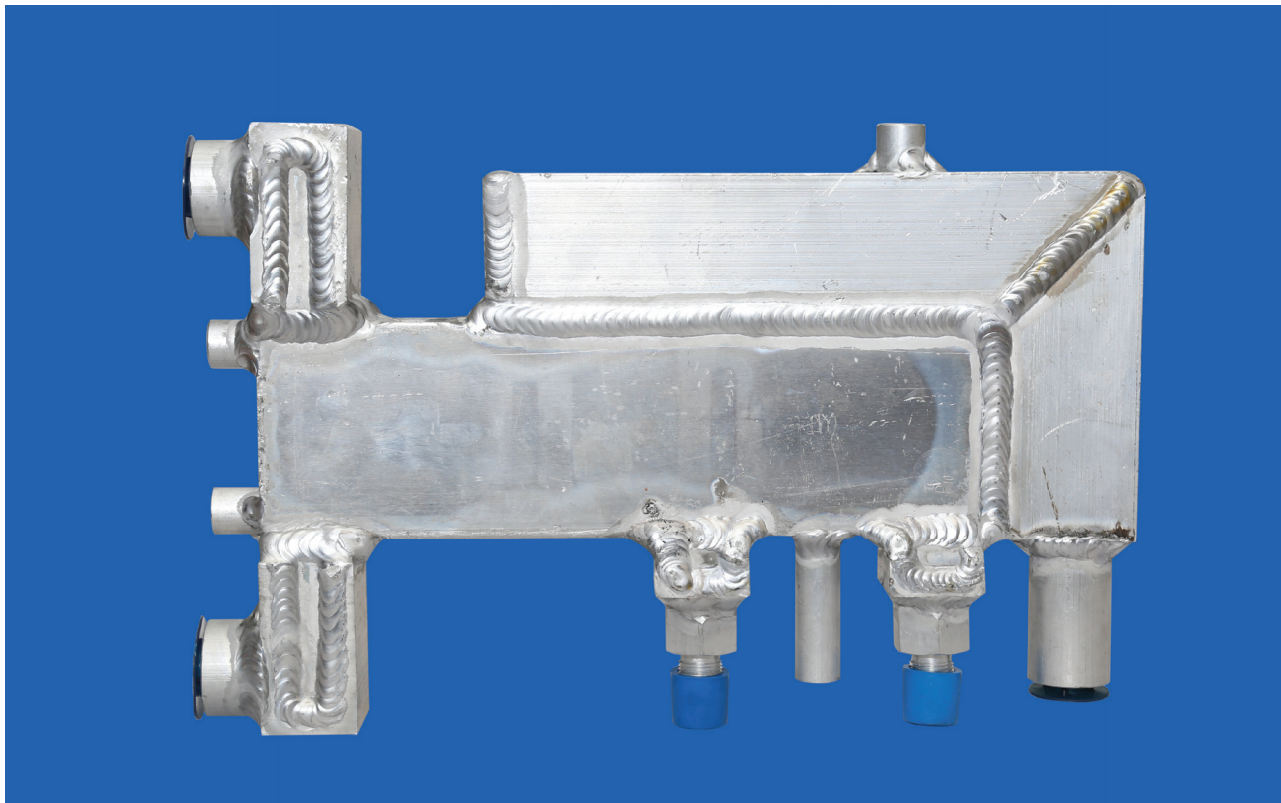
# QUALITY INGREDIENTS

## 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.



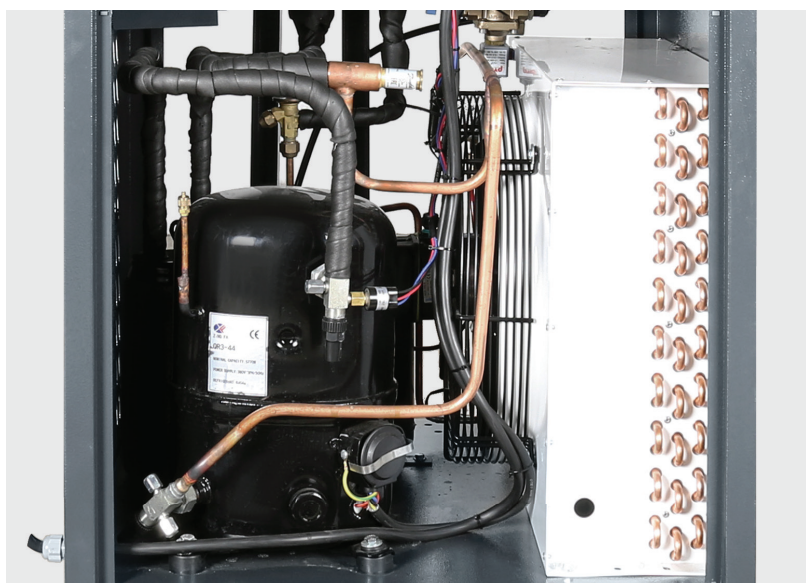


# Compressed air dryers offer several benefits by removing moisture from compressed air systems.

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 MAKSIMUM 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.







**Friendly Production For Environmentally**  
**Reduce Your Carbon Footprint!**






# Maxdryer





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