



MF SERIES COMPRESSED AIR FILTER



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Why Filter Compressed Air?

Product rejects and increased maintenance expenses can occur due to poor air quality

Submicronic contaminants in compressed air systems plug orifices of sensitive pneumatic instrumentation, wear out seals, erode system components, reduce the absorptive capacity of desiccant air/gas dehydrators, foul heat transfer surfaces, reduce air tool efficiency, and damage finished

products. The results include product rejects, lost production time and increased maintenance expense. For example, trace amounts of submicronic oil can cause serious fish eye blemishing in automotive finishing operations. Water left in air lines can freeze during exposure to cold temperatures, blocking flow

or rupturing pipes. Compressor lubricant not captured in a coalescing filter will eventually collect in pneumatic components, causing premature component failure, requiring repair or replacement. Environmental concerns will be raised if oily, compressed air is continually discharge into the atmosphere through a pneumatic muffler.

Mattei's MF-Series Offers...

- Coalescing, bulk liquid removal, particulate and adsorption filter elements
- Optional differential pressure gauge, an autodrain, or manual drain
- Temperature to 212°F
- Pressures to 290 PSIG
- Connection sizes from 1/4" to 3" NPT
- Flows from 15 to 1300 SCFM



MF-Series by the numbers...

- 18 filter housing sizes
- 90 filter element types and sizes
- 10 connection sizes
- 9 filtration media choices: From bulk water separators to 99.995% efficient coalescers
- 2 unique nanofiber coalescing media technologies available, our time-tested UNI-CAST formulation as well as a deep bed pleated nanofiber choice
- 1,000,000's of borosilicate glass nanofibers utilized in each coalescing element made

Why Use Mattei Filters?

Numerous Element Types

Our special UNI-CAST formed elements and our deep bed pleated elements provide lower pressure drop and less frequent changeouts, saving you time and money.

MF Meets Your Needs

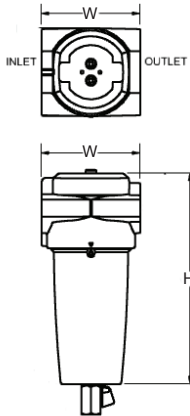
The MF-Series offers 630 different filter/element variations to meet your application requirement

OEM Capabilities

When you need a special filter for a unique application, Mattei filter experts are ready to work with you. We can tailor a configuration to meet your special need from the wide variety of filter media available. In addition, with LEAN manufacturing, we can produce specials in reasonable quantities, in a reasonable amount of time, at a reasonable price. Not only will this enhance the performance of your product, but it will benefit you with aftermarket sales of replacement elements.

GET MATTEI FILTRATION.

Drawings, Dimensions, and Specifications



Specifications

(Pressure/Temp vary by accessory.)

Max. Pressure:	230 psig - 290 psig
Safety Factor:	Burst to max. operating pressure 4:1
Max. Temp:	212°F
Seals:	Element: Nitrile
	Head to bowl: Nitrile
Materials:	Head: Aluminum
	Bowl: Aluminum
Coatings:	Alocromed heads and bowls
	Dry powder epoxy paint

Weights and Dimensions

MF Series - Prefilter, Cast Housing						
General Purpose Coalescer -- 1.0 Micron Removal -- 99.99999% Efficiency -- 0.5 PPM Residual Oil	Model	Nominal Capacity (scfm)	Air Connection (NPT)	Height (in.)	Width (in.)	Weight (lbs.)
	MF1-0021-1/4GNPT	21	1/4"	6.57	2.36	1.76
	MF1-0032-3/8GNPT	32	3/8"	8.23	3.43	3.30
	MF1-0042-31/2GNPT	42	1/2"	8.23	3.43	3.30
	MF1-0064-3/4GNPT	64	3/4"	10.98	3.43	3.74
	MF1-0127-1.0GNPT	127	1"	12.40	5.12	9.46
	MF1-0233-1.5GNPT	233	1-1/2"	16.34	5.12	11.00
	MF1-0339-1.5GNPT	339	1-1/2"	20.28	5.12	12.10
	MF1-0466-2.0GNPT	466	2"	28.15	5.12	15.18
	MF1-0699-2.5GNPT	699	2-1/2"	32.40	6.46	21.12
	MF1-0911-2.5GNPT	911	2-1/2"	42.24	6.46	39.38
MF1-1314-3.0GNPT	1314	3"	47.32	9.84	60.50	

MF Series - Coalescing Filter, Cast Housing						
High Efficiency Coalescer -- 0.01 Micron Removal -- 99.99999% Efficiency -- 0.01 PPM Residual Oil	Model	Nominal Capacity (scfm)	Air Connection (NPT)	Height (in.)	Width (in.)	Weight (lbs.)
	MF2-0021-1/4GNPT	21	1/4"	6.57	2.36	1.76
	MF2-0032-3/8GNPT	32	3/8"	8.23	3.43	3.30
	MF2-0042-31/2GNPT	42	1/2"	8.23	3.43	3.30
	MF2-0064-3/4GNPT	64	3/4"	10.98	3.43	3.74
	MF2-0127-1.0GNPT	127	1"	12.40	5.12	9.46
	MF2-0233-1.5GNPT	233	1-1/2"	16.34	5.12	11.00
	MF2-0339-1.5GNPT	339	1-1/2"	20.28	5.12	12.10
	MF2-0466-2.0GNPT	466	2"	28.15	5.12	15.18
	MF2-0699-2.5GNPT	699	2-1/2"	32.40	6.46	21.12
	MF2-0911-2.5GNPT	911	2-1/2"	42.24	6.46	39.38
MF2-1314-3.0GNPT	1314	3"	47.32	9.84	60.50	

MATTEI HX SERIES
YOUR BEST VALUE IN FILTRATION

MF Series - Activated Carbon Filter, Cast Housing

	Model	Nominal Capacity (scfm)	Air Connection (NPT)	Height (in.)	Width (in.)	Weight (lbs.)
Activated Carbon Filter -- 99.9999% Efficiency -- 0.003 PPM Vapor Removal	MF3-0021-1/4GNPT	21	1/4"	6.57	2.36	1.76
	MF3-0032-3/8GNPT	32	3/8"	8.23	3.43	3.30
	MF3-0042-31/2GNPT	42	1/2"	8.23	3.43	3.30
	MF3-0064-3/4GNPT	64	3/4"	10.98	3.43	3.74
	MF3-0127-1.0GNPT	127	1"	12.40	5.12	9.46
	MF3-0233-1.5GNPT	233	1-1/2"	16.34	5.12	11.00
	MF3-0339-1.5GNPT	339	1/1/2"	20.28	5.12	12.10
	MF3-0466-2.0GNPT	466	2"	28.15	5.12	15.18
	MF3-0699-2.5GNPT	699	2-1/2"	32.40	6.46	21.12
	MF3-0911-2.5GNPT	911	2/1/2"	42.24	6.46	39.38
	MF3-1314-3.0GNPT	1314	3"	47.32	9.84	60.50

MF Series - Particulate Removal Afterfilter, Cast Housing

	Model	Nominal Capacity (scfm)	Air Connection (NPT)	Height (in.)	Width (in.)	Weight (lbs.)
Afterfilter -- 1.0 Micron Removal -- 99.99999% Efficiency	MF4-0021-1/4GNPT	21	1/4"	6.57	2.36	1.76
	MF4-0032-3/8GNPT	32	3/8"	8.23	3.43	3.30
	MF4-0042-31/2GNPT	42	1/2"	8.23	3.43	3.30
	MF4-0064-3/4GNPT	64	3/4"	10.98	3.43	3.74
	MF4-0127-1.0GNPT	127	1"	12.40	5.12	9.46
	MF4-0233-1.5GNPT	233	1-1/2"	16.34	5.12	11.00
	MF4-0339-1.5GNPT	339	1/1/2"	20.28	5.12	12.10
	MF4-0466-2.0GNPT	466	2"	28.15	5.12	15.18
	MF4-0699-2.5GNPT	699	2-1/2"	32.40	6.46	21.12
	MF4-0911-2.5GNPT	911	2/1/2"	42.24	6.46	39.38
	MF4-1314-3.0GNPT	1314	3"	47.32	9.84	60.50

Mattei Compressors, Inc. reserves the right to change or replace the data contained in this publication, without notice.



COMPANY
WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001 : 2001 =

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MF_US_1