FILTER VESSEL DATASHEET





Multi-Bag Filter Vessel MF series

MULTI-BAG FILTRATION UNIT

Contents

Multi-Bag Filter Vessel Technical Detail Specification How to order Page 1 Page 2 Page 3 Page 4

MULTI-BAG VESSEL

MULTI-BAG FILTRATION UNIT



1

Multi-Bag Filter Vessel MF series

MULTI BAG FILTER VESSEL

Our user friendly design multi bag filter with construction from 3 bags to 24 bags to meet larger liquid flow rate requirement up to 1,000 m3/hr

All bag filter designs are in ASME VIII see VIII DIV I standard.

Features

- Unique mechanical spring rotating cover
- Bag filter with easy operation and high economy
- Each filter bag has a separate locking device to ensure the filter and filter
- Good sealing between bags
- 3 points balance lock the filter bag to ensure no side leakage
- Designed according to ASME standards
- Available in 3 to 24 bags
- Suitable for occasions with large flow and solid content

Universal Filtra

Cover Closure Options

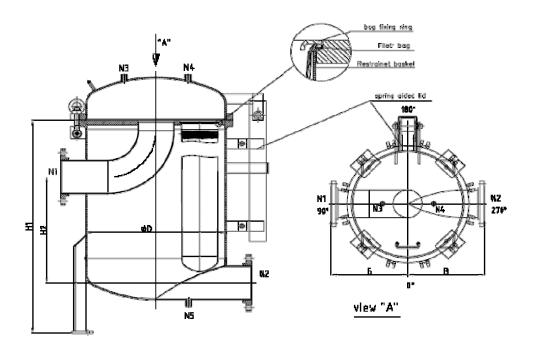
- DL type
 - Davit Lid Cover Closure
- SA type Unique Spring Lifting cover closure
- SB type
 Spring Balancer Cover Closure
 SV type
 - Quick Opening Cover

FILTER VESSEL DATASHEET

MF Vessel Engineering Specification

Vessel Type	Size	No. of Filter Bag	Theoretical Flow Rate	Max. Operating Pressure	Max. Operating Temperature	Filter Area	Inlet/Outlet
MF2A2-10-030A-SB	#02	2	80 m ³ /hour	10.0bar	120 °C	1.0 m ²	3" - 4"
MF3A2-10-030A-SB	#02	3	120 m ³ /hour	10.0bar	120 °C	1.5 m ²	3" - 4"
MF4A2-10-040A-SB	#02	4	160 m ³ /hour	10.0bar	120 °C	2.0 m ²	3" - 6"
MF5A2-10-040A-SB	#02	5	200 m ³ /hour	10.0bar	120 °C	2.5 m ²	4" - 6"
MF6A2-10-060A-SB	#02	6	240 m ³ /hour	10.0bar	120 ℃	3.0 m ²	4" - 6"
MF8A2-10-060A-SB	#02	8	320 m ³ /hour	10.0bar	120 °C	4.0 m ²	6" - 8"
MF10A2-10-080A-SB	#02	10	400 m ³ /hour	10.0bar	120 °C	5.0 m ²	8" - 10"
MF12A2-10-080A-SB	#02	12	480 m ³ /hour	10.0bar	120 °C	6.0 m ²	8" - 10"
MF14A2-10-080A-SB	#02	14	560 m ³ /hour	10.0bar	120 °C	7.0 m ²	8" - 10"
MF16A2-10-100A-SB	#02	16	640 m ³ /hour	10.0bar	120 °C	8.0 m ²	8" - 12"
MF18A2-10-120A-SB	#02	18	720 m ³ /hour	10.0bar	120 °C	9.0 m ²	10" - 14"
MF20A2-10-140A-SB	#02	20	800 m ³ /hour	10.0bar	120 °C	10.0 m ²	10" - 16"
MF22A2-10-160A-SB	#02	22	880 m ³ /hour	10.0bar	120 °C	11.0 m ²	12" - 18"
MF24A2-10-180A-SB	#02	24	960 m ³ /hour	10.0bar	120 ℃	12.0 m ²	14" - 18"

MF Vessel Engineering Drawing Sample



FILTER VESSEL DATASHEET

Ordering Specification code

Filter Vessel Code	MF 3 A	2 - 10 -	040- A	– SA- M
No of Bags 2, 3, 4, 5, 6, 8, 10, 12. 16, 18, 20, 22, 24	14			
Material A – SS304 AL- SS304L S – SS316 SL- SS316L CS – Carbon Steel				
Filter Bag Size 1 - #1, 2 - #2		- 1		
Design Pressure 10, 16, 25				
Connection 3" to 24"				
Flange Type A – ANSI D – DIN J - JIS				
Cover Closure Type DL- Davit Lid SA- Spring Aided SB – Spring Balancer SV – Quick opening				-
Suffix – M - Modification				

(3) Contact us at sales-inquiry@universal-filtration.com if you are unsure of specification codes. We will assist and recommend a desired solution based on your requirements.

How To Order From US

Send us an inquiry, we will respond with a quote

Whether its for filter housing, filter bags, cartridges, or customisable solutions, we'll respond with a quotation for your needs. We ensure the highest quality finishes and consistency in our products. Email us your requirements and we'll get in touch.

3

Purchase order & agreement, and production

Once a purchase order is made and our payments terms are agreed to, we'll begin production of your order. Depending on the order, our lead time would vary between one week to four weeks. We'll keep you updated on the progress and status.

Completion, delivery, and sea freight

Once completed, we'll arrange a sea freight shipment to your specified location. We deliver internationally. Delivery by courier is also available. Clients can choose to arrange for self collection direct from our factories through a forwarder, if they would like to handle their own shipment.

For Inquiry contact us at Sales-Inquiry@universal-filtration.com

SBR201912341

rsal Filti

© 2020 Universal Filtration Solutions Asia Pte Ltd. All rights reserved. All trademarks and registered trademarks are the property of their respective owners. All information and recommendations appearing in this document concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Universal Filtration Solutions Asia Pte Ltd as to the effects of such use or the results to be obtained. Universal Filtration Solutions Asia Pte Ltd assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

For Inquiry contact us at Sales-Inquiry@universal-filtration.com

Asia Pacific Regional Office Universal Filtration Solutions Asia Pte Ltd 81 Ubi Ave 4, UB-ONE #06-28 Singapore 408830

MULTI-BAG VESSEL

MULTI-BAG FILTRATION UNIT