

# Multiplet High Flow Series Filter Housings



## Product Introduction



Filtrafine MHH series high flow filter housing can accommodate 1 to 19 rounds Filtrafine MHF cartridges. Its horizontal orientation design eliminates the needs for a ladder, catwalk or platform to change out filter cartridges. Its user-friendly eye bolts with davit arm assistance device design allows quick and easy change-out. Its inside-to-outside flow direction minimizes the possibility of down stream contamination during cartridge change-out.

- Manufactured under a certified ISO 9001 quality system
- ASME Code U/UM stamp (optional)
- Vertical type is available on request, please consult your Filtrafine representative

## Product Specifications

### Materials of Construction

- Head/Shell: 304 or 316 Stainless Steel
- Connections: 304 or 316 Stainless Steel
- Internal Components: 304 or 316 Stainless Steel
- Swing Bolts: 304 Stainless Steel
- O-rings: EPDM (standard)  
Silicone, Teflon Encapsulated Viton,  
Viton (optional)

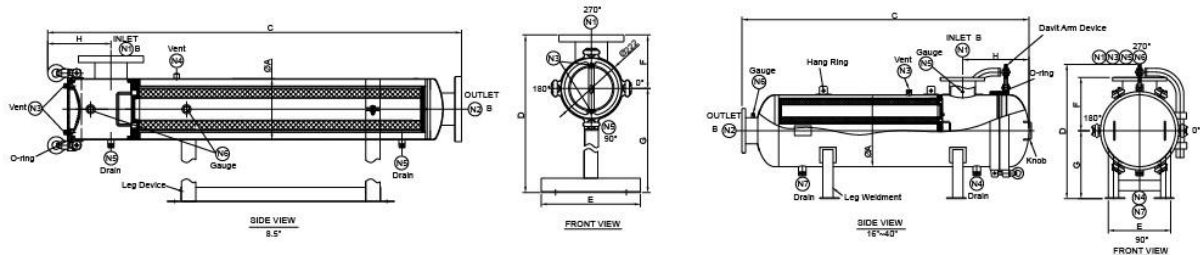
### Dimensions

- Inlet/Outlet: 4"-20"
- Connection Types: ANSI, JIS, and DIN Flange
- Vent : 1" NPT
- Drain: 1 1/2" NPT
- Gauge: 1/4" NPT

## Performance Specifications

### Maximum Operating Pressure

150 psig (10.3 bar) @ 77°F (25°C) in liquid service





1 Element	ØA	B	C	D	E	F	G	H
1MHH2	8.5" (216)	4"	37.7" (960)	27" (688)	13.7" (350)	7.4" (188)	19.6" (500)	8.7" (223)
1MHH4	8.5" (216)	4"	57.4" (1460)	27" (688)	13.7" (350)	7.4" (188)	19.6" (500)	8.7" (223)
1MHH6	8.5" (216)	4"	77.5" (1971)	27" (688)	13.7" (350)	7.4" (188)	19.6" (500)	8.7" (223)
2 Elements	ØA	B	C	D	E	F	G	H
2MHH2	16" (406)	4"	45.9" (1166)	31.3" (797)	14.2" (361)	12.3" (313)	15.7" (400)	13" (332)
2MHH4	16" (406)	4"	65.5" (1666)	31.3" (797)	14.2" (361)	12.3" (313)	15.7" (400)	13" (332)
2MHH6	16" (406)	4"	85.7" (2177)	31.3" (797)	14.2" (361)	12.3" (313)	15.7" (400)	13" (332)
3 Elements	ØA	B	C	D	E	F	G	H
3MHH2	18" (456)	5"	48.4" (1230)	33.5" (852)	15.5" (396)	13.3" (338)	16.9" (430)	14.4" (368)
3MHH4	18" (456)	5"	68.1" (1730)	33.5" (852)	15.5" (396)	13.3" (338)	16.9" (430)	14.4" (368)
3MHH6	18" (456)	5"	88.2" (2241)	33.5" (852)	15.5" (396)	13.3" (338)	16.9" (430)	14.4" (368)
4 Elements	ØA	B	C	D	E	F	G	H
4MHH2	20" (508)	6"	52" (1321)	35.3" (898)	16.8" (429)	14.3" (364)	17.7" (450)	16.5" (421)
4MHH4	20" (508)	6"	71.6" (1821)	35.3" (898)	16.8" (429)	14.3" (364)	17.7" (450)	16.5" (421)
4MHH6	20" (508)	6"	91.8" (2332)	35.3" (898)	16.8" (429)	14.3" (364)	17.7" (450)	16.5" (421)
5 Elements	ØA	B	C	D	E	F	G	H
5MHH2	22" (558)	6"	54.3" (1381)	37.4" (951)	19.6" (499)	15.7" (399)	18.7" (475)	17.8" (453)
5MHH4	22" (558)	6"	74" (1881)	37.4" (951)	19.6" (499)	15.7" (399)	18.7" (475)	17.8" (453)
5MHH6	22" (558)	6"	94.1" (2392)	37.4" (951)	19.6" (499)	15.7" (399)	18.7" (475)	17.8" (453)
7 Elements	ØA	B	C	D	E	F	G	H
7MHH2	24" (610)	8"	58.8" (1496)	39.4" (1001)	21.1" (538)	16.7" (425)	19.6" (500)	20.2" (514)
7MHH4	24" (610)	8"	78.5" (1996)	39.4" (1001)	21.1" (538)	16.7" (425)	19.6" (500)	20.2" (514)
7MHH6	24" (610)	8"	98.7" (2507)	39.4" (1001)	21.1" (538)	16.7" (425)	19.6" (500)	20.2" (514)
8 Elements	ØA	B	C	D	E	F	G	H
8MHH2	26" (660)	8"	59.7" (1517)	41.5" (1056)	22.7" (577)	17.7" (450)	20.8" (530)	20.5" (522)
8MHH4	26" (660)	8"	79.4" (2017)	41.5" (1056)	22.7" (577)	17.7" (450)	20.8" (530)	20.5" (522)
8MHH6	26" (660)	8"	99.5" (2528)	41.5" (1056)	22.7" (577)	17.7" (450)	20.8" (530)	20.5" (522)

9 Elements	ØA	B	C	D	E	F	G	H
9MHH2	28" (710)	8"	60.7" (1544)	43.3" (1101)	24.6" (625)	19.1" (486)	21.6" (550)	21" (535)
9MHH4	28" (710)	8"	80.4" (2044)	43.3" (1101)	24.6" (625)	19.1" (486)	21.6" (550)	21" (535)
9MHH6	28" (710)	8"	100.5" (2555)	43.3" (1101)	24.6" (625)	19.1" (486)	21.6" (550)	21" (535)
12 Elements	ØA	B	C	D	E	F	G	H
12MHH2	32" (812)	10"	63" (1602)	47.5" (1207)	27.7" (705)	21.1" (536)	23.6" (600)	21.9" (558)
12MHH4	32" (812)	10"	82.7" (2102)	47.5" (1207)	27.7" (705)	21.1" (536)	23.6" (600)	21.9" (558)
12MHH6	32" (812)	10"	102.8" (2613)	47.5" (1207)	27.7" (705)	21.1" (536)	23.6" (600)	21.9" (558)
13 Elements	ØA	B	C	D	E	F	G	H
13MHH2	34" (862)	10"	64" (1627)	49.6" (1262)	29.2" (743)	22" (561)	24.8" (600)	22.4" (570)
13MHH4	34" (862)	10"	83.7" (2127)	49.6" (1262)	29.2" (743)	22" (561)	24.8" (600)	22.4" (570)
13MHH6	34" (862)	10"	103.8" (2638)	49.6" (1262)	29.2" (743)	22" (561)	24.8" (600)	22.4" (570)
15 Elements	ØA	B	C	D	E	F	G	H
15MHH2	36" (916)	12"	68.7" (1747)	53.4" (1357)	31.5" (801)	23.5" (598)	27.5" (700)	24.9" (634)
15MHH4	36" (916)	12"	88.4" (2247)	53.4" (1357)	31.5" (801)	23.5" (598)	27.5" (700)	24.9" (634)
15MHH6	36" (916)	12"	108.5" (2758)	53.4" (1357)	31.5" (801)	23.5" (598)	27.5" (700)	24.9" (634)
17 Elements	ØA	B	C	D	E	F	G	H
17MHH2	38" (966)	12"	70.2" (1784)	55.4" (1409)	33" (839)	24.5" (623)	28.5" (725)	25.8" (657)
17MHH4	38" (966)	12"	89.9" (2284)	55.4" (1409)	33" (839)	24.5" (623)	28.5" (725)	25.8" (657)
17MHH6	38" (966)	12"	110" (2795)	55.4" (1409)	33" (839)	24.5" (623)	28.5" (725)	25.8" (657)
19 Elements	ØA	B	C	D	E	F	G	H
19MHH2	40" (1016)	14"	71.8" (1826)	57.4" (1459)	34.5" (877)	25.5" (648)	29.5" (750)	27.1" (689)
19MHH4	40" (1016)	14"	91.5" (2326)	57.4" (1459)	34.5" (877)	25.5" (648)	29.5" (750)	27.1" (689)
19MHH6	40" (1016)	14"	111.6" (2837)	57.4" (1459)	34.5" (877)	25.5" (648)	29.5" (750)	27.1" (689)

Unit:Inch (mm)

## Ordering Information

1	MHH	2	A-	4	F	D	A-	C	100	-P	-UM
Number of Elements	Product Name	Cartridge Length	Material of Construction	Inlet/Outlet Connection Size	Connection Type	Davit Arm Assembly	Flange Type	Code	Pressure Rating (psig)	Option	ASME Stamp
1, 2, 3, 4, 5, 7, 8, 9, 12, 13, 15, 17, 19	MHH	2=20" 4=40" 6=60"	A=304SS S=316SS SL=316LSS	4", 5", 6", 8", 10", 12", 14"	F=Flange	Standard	A=ANSI J=JIS D=DIN	NC=None Code C=ASME Code	100 150	Blank=None P=Mechanical polished	Blank=None U=U Stamp UM=UM Stamp