

# SH AND SHJ Series Filter Housings

## Stainless Steel Single-Element Housing for Liquid Service

The SH and SHJ series of single-element industrial liquid filter housings from Midwest Filter are available with 304 stainless steel construction. (316 stainless steel can be special ordered.) This streamlined filter housing design employs an easy-to-use ring nut closure and reliable double O-ring seal. Each filter housing accepts one DOE (double open end) filter cartridge utilizing a knife-edge-seal. A variety of filter cartridge types can be installed, including string wound, melt blown, carbon, or pleated.

- SH series housings accept 2.5-inch and 2.75-inch diameter filters with lengths up to 30".
- SHJ series housings accept 4.5" diameter filters with lengths up to 20".

EPDM O-ring seals are included as a standard. Viton or silicone O-rings are available options.

Each SH and SHJ housing is supplied with a tool to assist with ring nut closure. Each filter housing is supplied with a zinc-plated steel mounting bracket. Integral differential pressure gages are optional and available for some inlet/outlet sizes.



*An optional integral differential pressure gage alerts the filter user to change-out conditions.*



Please [contact](#) our sales team for product configurations not offered by [Filterbag.com](#)

### Specifications (Housings Only)

Service: Liquid Only  
Do not use for pressurized gas.

Rating for SH Series  
200 PSI (13.8 Bar) and 200 F (97 C)

Rating for SHJ Series  
150 PSI (10.3 Bar) and 200 F (97 C)

## Model/Code Ordering Information SH Series Housings

Housing Part Number	Materials of Construction	Accepted Filter Height	Accepted Filter Diameter	Inlet/Outlet	Integral Differential Pressure Gage	Overall Height L1 / L2 (except for gage)	Approx. Weight Empty / Full Water
<b>304 SST, EPDM</b>							
<b>SH-10</b>	304 SST, EPDM	9.75"-10"	2.5"-2.75"	3/4" NPT	no	13.23" / 13.90"	4.4 / 8.1 lb
<b>SH-10-G</b>	304 SST, EPDM	9.75"-10"	2.5"-2.75"	3/4" NPT	YES	13.23" / 13.90"	4.7 / 8.4 lb
<b>SH-10-1</b>	304 SST, EPDM	9.75"-10"	2.5"-2.75"	1" NPT	no	13.90" / 15.12"	5.1 / 8.8 lb
<b>SH-20</b>	304 SST, EPDM	19.5"-20"	2.5"-2.75"	3/4" NPT	no	23.35" / 24.02"	5.5 / 12.8 lb
<b>SH-20-G</b>	304 SST, EPDM	19.5"-20"	2.5"-2.75"	3/4" NPT	YES	23.35" / 24.02"	5.8 / 13.1 lb
<b>SH-20-1</b>	304 SST, EPDM	19.5"-20"	2.5"-2.75"	1" NPT	no	24.02" / 25.24"	6.1 / 13.4 lb
<b>SH-30</b>	304 SST, EPDM	29.5"-30"	2.5"-2.75"	3/4" NPT	no	33.35" / 34.02"	6.8 / 17.6 lb
<b>SH-30-G</b>	304 SST, EPDM	29.5"-30"	2.5"-2.75"	3/4" NPT	YES	33.35" / 34.02"	7.1 / 17.9 lb
<b>SH-30-1</b>	304 SST, EPDM	29.5"-30"	2.5"-2.75"	1" NPT	no	34.02" / 35.24"	7.5 / 18.3 lb
<b>316 SST, EPDM</b>							
<b>SH-10-6</b>	316 SST, EPDM	9.75"-10"	2.5"-2.75"	3/4" NPT	no	13.23" / 13.90"	4.4 / 8.1 lb
<b>SH-10-6-G</b>	316 SST, EPDM	9.75"-10"	2.5"-2.75"	3/4" NPT	YES	13.23" / 13.90"	4.7 / 8.4 lb
<b>SH-10-6-1</b>	316 SST, EPDM	9.75"-10"	2.5"-2.75"	1" NPT	no	13.90" / 15.12"	5.1 / 8.8 lb
<b>SH-20-6</b>	316 SST, EPDM	19.5"-20"	2.5"-2.75"	3/4" NPT	no	23.35" / 24.02"	5.5 / 12.8 lb
<b>SH-20-6-G</b>	316 SST, EPDM	19.5"-20"	2.5"-2.75"	3/4" NPT	YES	23.35" / 24.02"	5.8 / 13.1 lb
<b>SH-20-6-1</b>	316 SST, EPDM	19.5"-20"	2.5"-2.75"	1" NPT	no	24.02" / 25.24"	6.1 / 13.4 lb

## SHJ Series Housings

Housing Part Number	Materials of Construction	Accepted Filter Height	Accepted Filter Diameter	Inlet/Outlet	Integral Differential Pressure Gage	Overall Height L1 / L2	Approx. Weight Empty / Full Water
<b>304 SST, EPDM</b>							
<b>SHJ-10-1</b>	304 SST, EPDM	9.75"-10"	4.5"	1" NPT	no	15.12"/16.89"	7.1 / 15.2 lb
<b>SHJ-10-1.5</b>	304 SST, EPDM	9.75"-10"	4.5"	1.5" NPT	no	Contact MWF	Contact MWF
<b>SHJ-20-1</b>	304 SST, EPDM	19.5"-20"	4.5"	1" NPT	no	25.20"/26.97"	9.5 / 24.2 lb
<b>SHJ-20-1.5</b>	304 SST, EPDM	19.5"-20"	4.5"	1.5" NPT	no	Contact MWF	Contact MWF

### Spare Parts SH Series

Wrench to torque ring clamp: **SH-105**  
 Mounting bracket (zinc plated steel): **SH-104**  
 EPDM seal kit (two different seals): **SH-106**  
 FKM seal kit (two different seals): **SH-106-V**  
 FDA Silicone kit (two diff. seals): **SH-106-S-FDA**

### Spare Parts SHJ Series

Wrench to torque ring clamp: **SHJ-105**  
 Mounting bracket (zinc plated steel): **SHJ-104**  
 EPDM seal kit (two different seals): **SHJ-106**  
 FKM seal kit (two different seals): **SHJ-106-V**  
 FDA Silicone kit (two diff. seals): **SHJ-106-S-FDA**

### Notes

- For Viton(R) (trademark of Dupont) or equivalent FKM seal, use part number suffix "V". For FDA silicone, use suffix "S". Examples: *SH-10-V* or *SH-20-6-V-G* or *SHJ-20-1.5-S*
- If you don't see what you need, please ask.

