

SHU “Universal” Filter Housings

Stainless Steel Single-Element Housings for Liquid Service

The SHU “Universal” series housings from Delta Pure Filtration accept three styles of filter elements: DOE (double open end), 2x size 222 O-rings with recessed cup top, or single internal O-ring (size 119 or 213) with recessed cup top. These single-element industrial filter housings combine the robustness of 304 or 316 stainless steel construction with the economics of a streamlined design. The housings employ an easy-to-use ring-nut closure with a reliable double seal. These rugged housings are great for commercial hot water, industrial chemical, and other applications requiring a robust filter vessel.

The SH series housings accept filters of up to 2 ¾” diameter and lengths of 9.75/10”, 20” or 30”. A spring-loaded bottom seal provides flexibility to allow for slight filter length variations among filter brands. Inlet/outlet are ¾” or 1” fNPT. Drains and gage taps are ¼” fNPT

The SHU Series Filter Housings are compatible with a wide range of fluids, and come standardly with EPDM O-seals. Viton® (registered trademark of Dupont) or equivalent FKM elastomer, as well as “FDA silicone” are also available. Various filter cartridge types can be installed, including String Wound, Melt Blown, Pleated, Carbon, Resin Bonded, Stainless Steel and others.

Each SHU housing is supplied with a key-wrench bar (without handle) to assist with ring nut (collar) closure. Each filter-housing is supplied with a zinc-plated steel mounting bracket.



The SHU “Universal” series of filter housing accepts DOE, 222 O-ring and internal O-ring filter cartridges.

Specifications

Rating

200 PSI (13.8 Bar) at 200 F (97 C)

Service: Liquid Only

Do not use for pressurized gas.

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Stainless Steel Single Element Filter Housings

Model/Code Ordering Information

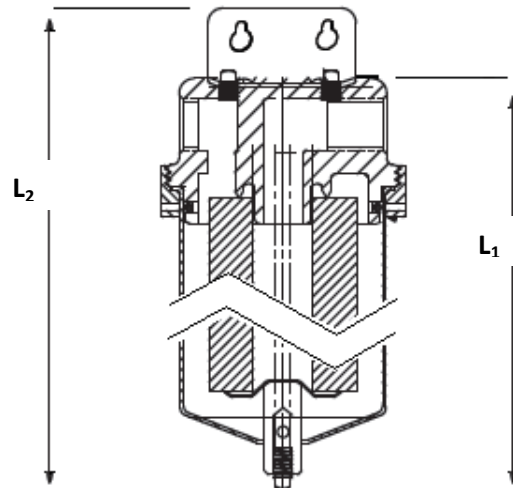
SHU Series Housings

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
304 SST, EPDM							
SHU-10	304 SST, EPDM	9.75"-10"	2.5"-2.75"	3/4" NPT	no	13.54" / 13.90"	4.4 / 8.1 lb
SHU-20	304 SST, EPDM	19.5"-20"	2.5"-2.75"	3/4" NPT	no	23.66" / 24.02"	5.5 / 12.8 lb
316 SST, EPDM							
SHU-10-6-1	316 SST, EPDM	9.75"-10"	2.5"-2.75"	1" NPT	no	13.54"/13.62"	5.0 / 8.7 lb
SHU-20-6-1	316 SST, EPDM	19.5"-20"	2.5"-2.75"	1" NPT	no	23.54"/23.62"	6.7 / 14.0 lb
SHU-30-6-1	316 SST, EPDM	29.5"-30"	2.5"-2.75"	1" NPT	no	33.58"/34.02"	8.4 / 19.3

1. For Viton(R) (trademark of Dupont) or equivalent FKM seal, use part number suffix "-V". Example: SHU-10-V
2. For FDA silicone, use suffix "-S". Example: SHU-20-6-1-S



SHU series head accommodates DOE, 222 double O-ring, and single internal O-ring (size 119 or 213) end fittings. For single-open-end filters, the closed end should be "recessed cup" style.



Spare Parts SH Series

Key Wrench (bar with handle) 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**



SH-105 (Key Wrench with handle)