



Graver Technologies

Filtration | Separation | Purification

SHP™ Series Sanitary Filter Housings

High-Purity Sanitary Housings

The SHP Series of sanitary housings are engineered using 3A sanitary standards for filtration applications involving ultrapure chemical systems, ultrapure water or critical process streams requiring sanitary production stream. These rugged vessels are constructed entirely of 316L stainless steel to optimize corrosion resistance. Design characteristics minimize hold-up volumes, provide for easy draining and optimized cleanability. Available as "T" style or inline (one round only).

Housing Features-Benefits

- Constructed of 316L stainless steel
Maximum corrosion resistance and purity
- Meets 3A Sanitary Design Standards
- Unique bolt-down design on multi-round
Simple, convenient and assures seal integrity
- Easy draining
Tapered bottom permits complete draining
- Available in one round to 7 round, from 10" to 40" high
Accommodates industry standard 222 and 226 cartridge configurations

Housing Specifications

Materials:

316L Stainless Steel

EPDM O-ring (other options available)

Filter Connections:

226, 222

Sizes:

1, 3, 5, 7 Round: 10", 20", 30", 40"

Closure:

304 SS Clamp (1 round only), Opti-Clamp Bolt down

Maximum Pressure Rating:

1 Round: 200 @ 200°F

3 - 7 Round: 125psi @ 200°F

Surface Finish:

External surfaces: 25 RA, Electropolished

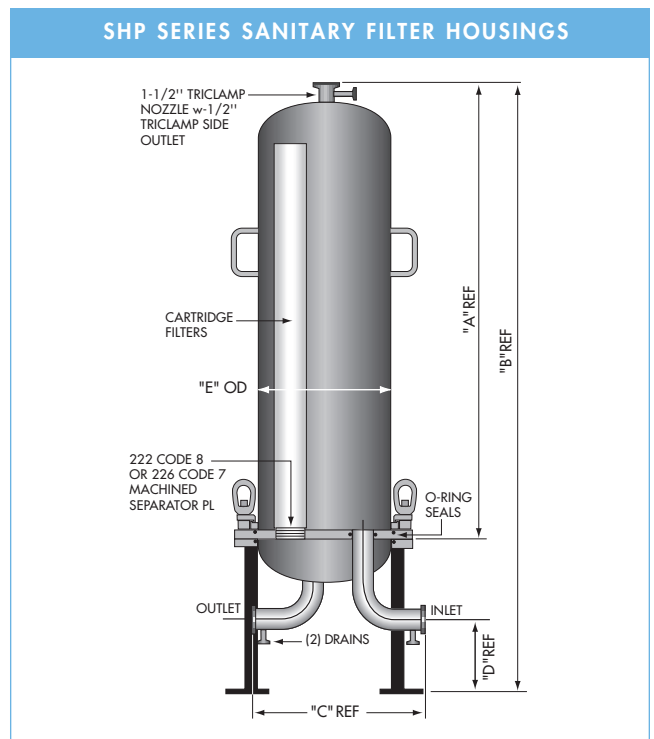
Internal surfaces: 25 RA, Electropolished

Applications

- Ultrapure Chemicals
- Wine/Beer
- Diagnostics
- Ultrapure Water
- Vaccines



SHP Series Sanitary Filter Housings



SHP Series Sanitary Filter Housings Dimensional Data

Model	Vent/Drain	Inlet/Outlet	A	B	C	D	E
1SHP-1*	1/2" TC/1.4"	1.0" Triclamp	13.75"	22.0"	9.75"	6.0"	4.0"
1SHP-2*	1/2" TC/1.4"	1.0" Triclamp	23.75"	32.0"	9.75"	6.0"	4.0"
1SHP-3*	1/2" TC/1.4"	1.0" Triclamp	33.75"	42.0"	9.75"	6.0"	4.0"
1SHP-L1*	1/2" TC/1.4"	1.5" Triclamp	13.75"	19.5"	NA	NA	4.0"
1SHP-L2*	1/2" TC/1.4"	1.5" Triclamp	23.75"	29.5"	NA	NA	4.0"
1SHP-L3*	1/2" TC/1.4"	1.5" Triclamp	33.75"	39.5"	NA	NA	4.0"
3SHP-1	1/2" TC/1.4"	2" Triclamp	15.90"	28.50"	13.55"	6.0"	6.6"
3SHP-2	1/2" TC/1.4"	2" Triclamp	25.90"	38.50"	13.55"	6.0"	6.6"
3SHP-3	1/2" TC/1.4"	2" Triclamp	35.90"	48.50"	13.55"	6.0"	6.6"
3SHP-4	1/2" TC/1.4"	2" Triclamp	45.90"	58.50"	13.55"	6.0"	6.6"
5SHP-1	1/2" TC/1.4"	2" Triclamp	15.65"	28.25"	14.38"	6.0"	10.75
5SHP-2	1/2" TC/1.4"	2" Triclamp	25.65"	38.25"	14.38"	6.0"	10.75
5SHP-3	1/2" TC/1.4"	2" Triclamp	35.65"	48.25"	14.38"	6.0"	10.75
5SHP-4	1/2" TC/1.4"	2" Triclamp	45.65"	58.25"	14.38"	6.0"	10.75
7SHP-1	1/2" TC/1.4"	2" Triclamp	15.65"	28.25"	14.38"	6.0"	10.75
7SHP-2	1/2" TC/1.4"	2" Triclamp	25.65"	38.25"	14.38"	6.0"	10.75
7SHP-3	1/2" TC/1.4"	2" Triclamp	35.65"	48.25"	14.38"	6.0"	10.75
7SHP-4	1/2" TC/1.4"	2" Triclamp	45.65"	28.25"	14.38"	6.0"	10.75

* 304 SS Clamp Closure

Selection & Ordering Guide for SHP Series Sanitary Filter Housings (Select one from each column)

Model	Cartridge Height	Cartridge Connection	Vent/Drain	Inlet/Outlet Connection	Inlet/Outlet Size (inches)	Gasket
1SHP	1 – 10"	P7 - 226	TC - Triclamp	TC - Triclamp	1	E - EPDM
1SHP-L	2 – 20"	P8 - 222	S - Sanitary Valve		1.5	V - Viton
3SHP	3 – 30"				2	S - Silicone
5SHP	4 – 40"				3	
7SHP						
Example of a Typical Graver Technologies IHP Series Industrial Filter Housing						
7SHP	- 3	- P8	- TC	- TC	- 2	- E

For more information

Graver Technologies Customer Service: **1-888-353-0303**

Technical Support: **1-800-510-0932**

E-mail us at info@gravertech.com

All information and recommendations appearing in this bulletin 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 Graver Technologies as to the effects of such use or the results to be obtained. Graver Technologies 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.

SHP is a trademark of Graver Technologies.

DISTRIBUTED BY:



Pureworld Solutions Inc.

Vancouver Office:
4916 River Reach,
Delta, BC, V4K 4A4

T: 604-878-8092
info@pureworld.ca
www.pureworld.ca



Graver Technologies

200 Lake Drive,
Glasgow,
DE 19702 U.S.A.

302- 731-1700
800- 249-1990
Fax 302-369-0938

e-mail: info@gravertech.com
web site: www.gravertech.com

