

*Explore the World of
Hydro Systems International*

HYDRO SYSTEMS STAINLESS STEEL FILTER CARTRIDGE HOUSINGS

A series of extremely rugged, heavy-duty stainless steel filter cartridge housings suitable for high-flow, high capacity, and/or high-temperature applications. Accept 10" and multi-length nominally-sized cartridges.

HSS-1 and HSS-2 models feature spring-loaded seal plate to accommodate varying length cartridges and to lift cartridges for easy unit assembly. HSS-1 & -2 models feature ring-nut closure and forged brass head.

HSS-4 and larger units feature band clamp closures.

HSS-4 to HSS-20



HSS-36, SS-48



HSS-1 HSS-2 HSS-1SS



- Applications:*
- Commercial duty
 - Light industrial
 - Heavy duty residential

HOUSING SPECIFICATIONS & PERFORMANCE DATA

HSS-SERIES STAINLESS STEEL HOUSINGS

models	cartridge requirements	flow rate, max. GPM	width, height	standard port size, NPT	drain size, NPT	shipping weight, lb.	
HSS-1	(1) 10"	8	3-1/2" x 14"	3/8" to 1"	1/8"	6	
HSS-2	(1) 20" or (2) 10"	16	3-1/2" x 24"	3/8" to 1"		8	
HSS-3	(1) 30" or (3) 10"	24	3-1/2" x 33"	3/4", 1"		11	
HSS-4	(4) 10"	32	10-1/2" x 20"	2" MPT	1/2"	25	
HSS-5	(5) 10"	40	10-1/2" x 20"			27	
HSS-8	(4) 20" or (8) 10"	64	10-1/2" x 30"			31	
HSS-10	(5) 20" or (10) 10"	80	10-1/2" x 30"			33	
HSS-12	(4) 30" or (12) 10"	96	10-1/2" x 40"			38	
HSS-15	(5) 30" or (15) 10"	120	10-1/2" x 40"			38	
HSS-16	(4) 40" or (16) 10"	128	10-1/2" x 50"			45	
HSS-20	(5) 40" or (20) 10"	160	10-1/2" x 50"			45	
HSS-24	(12) 20" or (24) 10"	192	16-1/2" x 40"			3" flange	56
HSS-28	(7) 40" or (28) 10"	224	12-1/2" x 50"			2" MPT	3/4"
HSS-36	(12) 30" or (36) 10"	288	16-1/2" x 50"	3" flange	92		
HSS-48	(12) 40" or (48) 10"	384	16-1/2" x 60"	4" flange	100		
HSS-66	(22) 30" or (66) 10"	528	20-1/2" x 39"		140		
HSS-88	(22) 40" or (88) 10"	704	20-1/2" x 59"		165		

NOTE: Maximum flow rate shown is based on a flow of 8 GPM per 10" length element. Actual flow rate attainable may be limited by cartridge performance or housing port restrictions.

OPTIONS for HSS-1 and HSS-2 (add suffix to model number)

option	suffix
3/8" NPT ports	-3/8
1/2" NPT ports	-1/2
3/4" NPT ports	-3/4
1" NPT ports	-1
stainless steel head	-SS

Consult with your Hydro Systems representative regarding these available options:

- AISI316L construction
- electropolish finish
- swing-bolt closure
- sanitary fittings
- -222, -226 o-ring sealing
- ASME Code vessels
- housings for flow rates to 1,600 GPM

Specifications

operating temperature range:	40-300° F (4-149° C)
maximum operating pressure:	300 psi (20.7 bar) HSS-1, HSS-2 150 psi (10 bar) HSS-3 and larger Higher pressure ratings are available in larger sizes using swing-bolt design. Please inquire.



**HYDRO SYSTEMS
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