

6000 PSIG Pressure Filters

SJ-Series



This robust, stainless steel filter is rated for working pressures up to 6000 PSIG, which makes this the filter of choice for extremely demanding applications. The SJ-series comes in a variety of port sizes and types, reducing the need for extra piping or the use of adapters in your application. The 1/4" drain port allows the user to drain all oil from the assembly prior to servicing, eliminating possible cross contamination and leaving a cleaner environment. Use this filter for your offshore applications, water fogging, caustic washdowns (food processing) or on high pressure test stands. A wide variety of filter element media grades and styles means that your application needs will be efficiently met.

Specifications:

Model Number	Port Size (NPT or SAE)	Max. Pressure	Max. Temp. for each Element Type	Materials of Construction			Seals	Sump Capacity	Weight	Dimensions		Replacement Element Size
				Head	Internals	Bowl				Length	Width	
SJN*S, SJS*S	1/2"-1"	6000 PSIG (414 bar)	175°F (Grade A) 350°F (All other grades)	316L Stainless Steel	316L Stainless Steel	316L Stainless Steel	Fluoro-carbon	2.1 oz. (61 ml)	14 lbs. (6.4 kgs.)	8.26" (210mm)	4.00" (102mm)	11-036
SJN*L, SJS*L	1/2"-1"	6000 PSIG (414 bar)	175°F (Grade A) 350°F (All other grades)	316L Stainless Steel	316L Stainless Steel	316L Stainless Steel	Fluoro-carbon	7.8 oz. (230 ml)	18 lbs. (8.2 kgs.)	11.97" (304mm)	4.00" (102mm)	11-036
SJN*H, SJS*H	1/2"-1"	6000 PSIG (414 bar)	175°F (Grade A) 350°F (All other grades)	316L Stainless Steel	316L Stainless Steel	316L Stainless Steel	Fluoro-carbon	2.1 oz. (61 ml)	17 lbs. (7.7 kgs.)	11.97" (304mm)	4.00" (102mm)	11-072

*insert port size: 2 =1/2", 3=3/4" and 4=1"

How to Order:

Series Name	Port Type	Port Size	Bowl	Element Grade	Element Construction	Accessories
SJ	N (NPT) S (SAE)	2 (1/2") 3 (3/4") 4 (1")	S (Standard) L (Long bowl, short element, extra sump) H (High Flow: Long bowl, long element)	4C	WC (metal retainers, bonded on end caps with positive o-ring seal.)	N (No Accessories) Examples: SJN2S-4CWCN SJS3L-3PWCN
				10C		
				3P A 100WS	Leave blank	

How to Order Replacement Elements:

Housings are sold with one element. Build your own replacement element with the chart below.

Housing	Element Grade and Type	Element Size
SJN*S, SJS*S, SJN*L, SJS*L	4CWC, 10CWC, 3PWC, AWC, 100WS	11-036
SJN*H, SJS*H	4CWC, 10CWC, 3PWC, AWC, 100WS	11-072

1. Determine the housing you have by choosing from the "Housing" column on the chart. *Insert port size. See How to Order above for more info on port sizes.
2. Determine the "Element Grade and Type" you need. See pages 6-7 for more detail on grade selection.
3. Determine the corresponding element size by choosing from the "Element Size" column on the chart.
4. Combine "Element Grade and Type", "Element Size" and then add box quantity to the end. Box quantities are all X 4, except 100WS which is X 1. Example: 4CWC11-036 X 4 or 100WS11-072 X 1.



Use a high pressure drain kit with Finite's SJ-Series... see page 26!



Flow Rates (SCFM):

Filter Housing Model	Media Grade	100 PSIG	250 PSIG	500 PSIG	750 PSIG	1000 PSIG	1500 PSIG	2000 PSIG	2500 PSIG	3000 PSIG	3500 PSIG	4500 PSIG	5000 PSIG	5500 PSIG	6000 PSIG
SJN_S	4C	25	58	112	167	221	330	439	548	657	766	984	1093	1202	1311
	10C	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
	3P	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
	A	33	76	148	220	292	436	580	723	867	1011	1299	1443	1587	1731
	100	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
SJS_S	4C	25	58	112	167	221	330	439	548	657	766	984	1093	1202	1311
	10C	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
	3P	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
	A	33	76	148	220	292	436	580	723	867	1011	1299	1443	1587	1731
	100	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
SJN_L	4C	25	58	112	167	221	330	439	548	657	766	984	1093	1202	1311
	10C	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
	3P	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
	A	33	76	148	220	292	436	580	723	867	1011	1299	1443	1587	1731
	100	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
SJS_L	4C	25	58	112	167	221	330	439	548	657	766	984	1093	1202	1311
	10C	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
	3P	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
	A	33	76	148	220	292	436	580	723	867	1011	1299	1443	1587	1731
	100	55	127	247	367	487	726	966	1206	1446	1685	2165	2405	2644	2884
SJN_H	4C	62	143	278	413	548	819	1089	1359	1630	1900	2440	2711	2981	3252
	10C	136	314	610	907	1203	1796	2389	2982	3575	4167	5353	5946	6539	7133
	3P	136	314	610	907	1203	1796	2389	2982	3575	4167	5353	5946	6539	7133
	A	82	189	368	547	725	1083	1440	1798	2155	2513	3228	3585	3943	4301
	100	136	314	610	907	1203	1796	2389	2982	3575	4167	5353	5946	6539	7133
SJS_H	4C	62	143	278	413	548	819	1089	1359	1630	1900	2440	2711	2981	3252
	10C	136	314	610	907	1203	1796	2389	2982	3575	4167	5353	5946	6539	7133
	3P	136	314	610	907	1203	1796	2389	2982	3575	4167	5353	5946	6539	7133
	A	82	189	368	547	725	1083	1440	1798	2155	2513	3228	3585	3943	4301
	100	136	314	610	907	1203	1796	2389	2982	3575	4167	5353	5946	6539	7133

Note: _insert port type. See How to Order on page 24 for more information.