What can I expect as a flow rate from my PointONE Filter™

Gallons per Hour

	Sea Level	4,000 FT	7,000 FT
Full to Empty Bucket			
5 Gal Bucket			
1 FT Hose	12.3	10.6	8.7
3 FT Hose	19.4	16.8	13.7
55 Gal Drum			
1 FT Hose	15.9	13.7	11.2
3 FT Hose	22.2	19.2	15.7
Constantly Full			
5 Gal Bucket			
1 FT Hose	14.3	12.3	10
3 FT Hose	20.6	17.8	14.6
55 Gal Drum			
1 FT Hose	21.5	18.5	15.1
3 FT Hose	26.2	22.6	18.5

Gallons per Day

	Sea Level	4,000 FT	7,000 FT
Full to Empty Bucket			
5 Gal Bucket			
1 FT Hose	295	255	208
3 FT Hose	466	403	329
55 Gal Drum			
1 FT Hose	382	330	269
3 FT Hose	533	460	376
Constantly Full			
5 Gal Bucket			
1 FT Hose	342	295	241
3 FT Hose	496	428	349
55 Gal Drum			
1 FT Hose	515	445	363
3 FT Hose	629	543	443

What can you expect as a flow rate from your Pointone filter?

The flow rate of a filter is determined by a combination of:

- Head Pressure (the distance from the top of the water to the filter).
- Altitude
- How clean the filter is.
- The filter itself (there are slight variations between filters).

To get an approximation of what to expect, use the following method of calculation:

A) Measure the distance from the top of the water to the filter. This is your initial Head Pressure

For a 5 gallon bucket with a 1 FT hose it should be about 26 inches.
For a 5 gallon bucket with a 3 FT hose it should be about 50 inches.
For a 55 gallon drum with a 1 FT hose it should be about 54 inches.
For a 55 gallon drum with a 3FT hose it should be about 78 inches.

B) If the container is always full, the Head Pressure remains constant. In this case the distance calculation in section A (above) can be used directly on the chart below. If, however, you allow the quantity of water in the bucket to decrease (as you draw water out through the filter), then you will need a second piece of information. You will need to know the distance from the exit fitment (where the water leaves the vessel) to the filter. For a 1 Ft hose it is 14 inches,; for a 3 FT hose it is 38 inches. This is your lowest Head Pressure.

C) Go to the flow chart to find the estimated flow rate for a full bucket at your approximate altitude. To do so you will need the initial Head Pressure determined in Section A (above). If you determined in Section B (above) that your container is always full, then this flow rate represents the approximate number of gallons per hour and gallons per day that your filter can output. If you calculated the lowest Head Pressure in section B (above), you will also need to find this flow rate on the chart. To find your average flow rate, add the initial flow rate to the lowest flow rate and divide by two.

Here are some examples:

Example One: You have a 5 gallon bucket, 1 FT connecting tube, and you are filtering at sea level. Your water level is 12 inches above the exit fitment. So you add 12 for the bucket, 12 for the tube between the bucket and quick disconnect, and 2 for the tube between the quick disconnect and the filter. You get 26 inches. The chart says you can expect 14.3 gallons per hour / 342 gallons per day. You then look up the flow rate for when the bucket is empty. In this case, the distance from the filter to the connector is 14 inches. The chart says you can expect 10.3 gallons hour / 248 gallons per day. You now have to average the numbers: 14.3 gallons + 10.3 gallons = 24.6 gallons. Divide this by 2 and you get 12.3 gallons per hour average. 342 + 248 = 590. 590/2 = 295 gallons per day.

Example Two: Same as example one, but now you are filtering at 4,000 FT elevation.
At 4,000 Ft you would expect 12.3 gallons per hour / 295 gallons per day initially and at the end you would expect 8.9 gallons per hour / 222 gallons per day. When you average them it would be 10.6 gallons per hour / 259 gallons per day average.

Example Three: You are filtering at Sea Level, with a 5 gallon Bucket and have a 3 FT connecting tube. You would expect 20.6 gallons per hour / 496 gallons per day initially and at the end you would expect 18.2 gallons per hour / 436 gallons per day. When you average them it would be 19.4 gallons per hour / 466 gallons per day average.

Example Four: You are at 7,000 FT, with a 5 gallon Bucket and have a 3 FT connecting tube. You would expect 14.6 gallons per hour / 349 gallons per day initially and at the end you would expect 12.8 gallons per hour / 308 gallons per day. When you average them it would be 13.7 gallons per hour / 329 gallons per day average.

PointONE Filter™ Flow Rates

Inches of Head Pressure	PSI	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day
		Sea Level		1000 Ft		2000 FT		3000 FT		4000 FT		5000 FT		6000 FT		7000 FT	
14	0.51	10.3	248	10.0	239	9.6	230	9.3	222	8.9	214	8.6	206	8.3	199	7.3	175
15	0.54	10.6	256	10.3	246	9.9	238	9.5	229	9.2	221	8.9	213	8.5	205	7.5	180
16	0.58	11.0	263	10.6	254	10.2	245	9.8	236	9.5	227	9.1	219	8.8	211	7.7	186
17	0.61	11.3	271	10.9	262	10.5	252	10.1	243	9.8	234	9.4	226	9.1	217	8.0	191
18	0.65	11.6	279	11.2	269	10.8	260	10.4	250	10.0	241	9.7	232	9.3	224	8.2	197
19	0.69	12.0	287	11.5	277	11.1	267	10.7	257	10.3	248	10.0	239	9.6	230	8.4	202
20	0.72	12.3	295	11.8	284	11.4	274	11.0	264	10.6	255	10.2	245	9.9	236	8.7	208
21	0.76	12.6	303	12.2	292	11.7	281	11.3	271	10.9	261	10.5	252	10.1	243	8.9	213
22	0.79	12.9	311	12.5	300	12.0	289	11.6	278	11.2	268	10.8	258	10.4	249	9.1	219
23	0.83	13.3	318	12.8	307	12.3	296	11.9	285	11.5	275	11.0	265	10.6	255	9.4	225
24	0.87	13.6	326	13.1	315	12.6	303	12.2	292	11.7	282	11.3	272	10.9	262	9.6	230
25	0.90	13.9	334	13.4	322	12.9	311	12.5	300	12.0	289	11.6	278	11.2	268	9.8	236
26	0.94	14.3	342	13.7	330	13.2	318	12.8	307	12.3	295	11.9	285	11.4	274	10.0	241
27	0.97	14.6	350	14.1	337	13.6	325	13.1	314	12.6	302	12.1	291	11.7	281	10.3	247
28	1.01	14.9	358	14.4	345	13.9	333	13.4	321	12.9	309	12.4	298	12.0	287	10.5	252
29	1.05	15.2	366	14.7	353	14.2	340	13.7	328	13.2	316	12.7	304	12.2	293	10.7	258
30	1.08	15.6	373	15.0	360	14.5	347	13.9	335	13.4	323	12.9	311	12.5	299	11.0	263
31	1.12	15.9	381	15.3	368	14.8	355	14.2	342	13.7	329	13.2	317	12.7	306	11.2	269
32	1.15	16.2	389	15.6	375	15.1	362	14.5	349	14.0	336	13.5	324	13.0	312	11.4	274
33	1.19	16.5	397	16.0	383	15.4	369	14.8	356	14.3	343	13.8	330	13.3	318	11.7	280
34	1.23	16.9	405	16.3	391	15.7	376	15.1	363	14.6	350	14.0	337	13.5	325	11.9	286
35	1.26	17.2	413	16.6	398	16.0	384	15.4	370	14.9	356	14.3	343	13.8	331	12.1	291
36	1.30	17.5	421	16.9	406	16.3	391	15.7	377	15.1	363	14.6	350	14.1	337	12.4	297
37	1.34	17.9	428	17.2	413	16.6	398	16.0	384	15.4	370	14.9	357	14.3	344	12.6	302
38	1.37	18.2	436	17.5	421	16.9	406	16.3	391	15.7	377	15.1	363	14.6	350	12.8	308
39	1.41	18.4	441	17.7	426	17.1	410	16.5	396	15.9	381	15.3	367	14.7	354	13.0	311
40	1.44	18.6	446	17.9	430	17.3	415	16.7	400	16.1	385	15.5	371	14.9	358	13.1	315
41	1.48	18.8	451	18.1	435	17.5	419	16.8	404	16.2	390	15.6	375	15.1	362	13.3	318
42	1.52	19.0	456	18.3	440	17.7	424	17.0	409	16.4	394	15.8	380	15.2	366	13.4	322
43	1.55	19.2	461	18.5	445	17.9	429	17.2	413	16.6	398	16.0	384	15.4	370	13.5	325
44	1.59	19.4	466	18.7	449	18.1	433	17.4	418	16.8	402	16.2	388	15.6	374	13.7	329
45	1.62	19.6	471	18.9	454	18.2	438	17.6	422	16.9	407	16.3	392	15.7	378	13.8	332
46	1.66	19.8	476	19.1	459	18.4	442	17.8	427	17.1	411	16.5	396	15.9	382	14.0	336
47	1.70	20.0	481	19.3	464	18.6	447	18.0	431	17.3	415	16.7	400	16.1	385	14.1	339
48	1.73	20.2	486	19.5	468	18.8	452	18.1	435	17.5	419	16.8	404	16.2	389	14.3	343
49	1.77	20.4	491	19.7	473	19.0	456	18.3	440	17.7	424	17.0	408	16.4	393	14.4	346
50	1.80	20.6	496	19.9	478	19.2	461	18.5	444	17.8	428	17.2	412	16.6	397	14.6	349
51	1.84	20.9	500	20.1	483	19.4	465	18.7	449	18.0	432	17.4	417	16.7	401	14.7	353
52	1.88	21.1	505	20.3	487	19.6	470	18.9	453	18.2	437	17.5	421	16.9	405	14.9	356
53	1.91	21.3	510	20.5	492	19.8	475	19.1	457	18.4	441	17.7	425	17.1	409	15.0	360
54	1.95	21.5	515	20.7	497	20.0	479	19.2	462	18.5	445	17.9	429	17.2	413	15.1	363
55	1.98	21.7	520	20.9	502	20.2	484	19.4	466	18.7	449	18.0	433	17.4	417	15.3	367
56	2.02	21.9	525	21.1	507	20.3	488	19.6	471	18.9	454	18.2	437	17.5	421	15.4	370
57	2.06	22.1	530	21.3	511	20.5	493	19.8	475	19.1	458	18.4	441	17.7	425	15.6	374
58	2.09	22.3	535	21.5	516	20.7	498	20.0	480	19.3	462	18.6	445	17.9	429	15.7	377
59	2.13	22.5	540	21.7	521	20.9	502	20.2	484	19.4	466	18.7	449	18.0	433	15.9	381
60	2.17	22.5	540	21.7	521	20.9	502	20.2	484	19.4	466	18.7	449	18.0	433	15.9	381
61	2.20	22.7	545	21.9	526	21.1	507	20.4	488	19.6	471	18.9	454	18.2	437	16.0	384

PointONE Filter™ Flow Rates

Inches of Head Pressure	PSI	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day
		Sea Level		1000 Ft		2000 FT		3000 FT		4000 FT		5000 FT		6000 FT		7000 FT	
62	2.24	22.9	550	22.1	530	21.3	511	20.5	493	19.8	475	19.1	458	18.4	441	16.2	388
63	2.27	23.1	555	22.3	535	21.5	516	20.7	497	20.0	479	19.2	462	18.5	445	16.3	391
64	2.31	23.3	560	22.5	540	21.7	520	20.9	502	20.1	483	19.4	466	18.7	449	16.4	395
65	2.35	23.5	565	22.7	545	21.9	525	21.1	506	20.3	488	19.6	470	18.9	453	16.6	398
66	2.38	23.7	570	22.9	549	22.1	530	21.3	511	20.5	492	19.8	474	19.0	457	16.7	402
66	2.38	23.7	570	22.9	549	22.1	530	21.3	511	20.5	492	19.8	474	19.0	457	16.7	402
67	2.42	23.9	575	23.1	554	22.3	534	21.5	515	20.7	496	19.9	478	19.2	461	16.9	405
68	2.45	24.1	579	23.3	559	22.5	539	21.6	519	20.9	500	20.1	482	19.4	465	17.0	409
69	2.49	24.4	584	23.5	564	22.6	543	21.8	524	21.0	505	20.3	486	19.5	469	17.2	412
70	2.53	24.6	589	23.7	568	22.8	548	22.0	528	21.2	509	20.4	490	19.7	473	17.3	416
71	2.56	24.8	594	23.9	573	23.0	553	22.2	533	21.4	513	20.6	495	19.9	477	17.5	419
72	2.60	25.0	599	24.1	578	23.2	557	22.4	537	21.6	518	20.8	499	20.0	480	17.6	423
73	2.63	25.2	604	24.3	583	23.4	562	22.6	542	21.7	522	21.0	503	20.2	484	17.8	426
74	2.67	25.4	609	24.5	587	23.6	566	22.8	546	21.9	526	21.1	507	20.3	488	17.9	430
75	2.71	25.6	614	24.7	592	23.8	571	22.9	550	22.1	530	21.3	511	20.5	492	18.0	433
76	2.74	25.8	619	24.9	597	24.0	576	23.1	555	22.3	535	21.5	515	20.7	496	18.2	437
77	2.78	26.0	624	25.1	602	24.2	580	23.3	559	22.5	539	21.6	519	20.8	500	18.3	440
78	2.81	26.2	629	25.3	607	24.4	585	23.5	564	22.6	543	21.8	523	21.0	504	18.5	443
79	2.85	26.4	634	25.5	611	24.6	589	23.7	568	22.8	547	22.0	527	21.2	508	18.6	447
80	2.89	26.6	639	25.7	616	24.7	594	23.9	573	23.0	552	22.1	532	21.3	512	18.8	450
81	2.92	26.8	644	25.9	621	24.9	598	24.0	577	23.2	556	22.3	536	21.5	516	18.9	454
82	2.96	27.0	649	26.1	626	25.1	603	24.2	581	23.3	560	22.5	540	21.7	520	19.1	457
83	2.99	27.2	654	26.3	630	25.3	608	24.4	586	23.5	564	22.7	544	21.8	524	19.2	461
84	3.03	27.4	658	26.5	635	25.5	612	24.6	590	23.7	569	22.8	548	22.0	528	19.3	464
85	3.07	27.6	663	26.7	640	25.7	617	24.8	595	23.9	573	23.0	552	22.2	532	19.5	468
86	3.10	27.8	668	26.9	645	25.9	621	25.0	599	24.1	577	23.2	556	22.3	536	19.6	471
87	3.14	28.1	673	27.1	649	26.1	626	25.1	604	24.2	581	23.3	560	22.5	540	19.8	475
88	3.18	28.3	678	27.3	654	26.3	631	25.3	608	24.4	586	23.5	564	22.7	544	19.9	478
89	3.21	28.5	683	27.5	659	26.5	635	25.5	612	24.6	590	23.7	569	22.8	548	20.1	482
90	3.25	28.7	688	27.7	664	26.7	640	25.7	617	24.8	594	23.9	573	23.0	552	20.2	485
91	3.28	28.9	693	27.9	668	26.8	644	25.9	621	24.9	599	24.0	577	23.2	556	20.4	489
92	3.32	29.1	698	28.0	673	27.0	649	26.1	626	25.1	603	24.2	581	23.3	560	20.5	492
93	3.36	29.3	703	28.2	678	27.2	654	26.3	630	25.3	607	24.4	585	23.5	564	20.7	496
94	3.39	29.5	708	28.4	683	27.4	658	26.4	635	25.5	611	24.5	589	23.6	568	20.8	499
95	3.43	29.7	713	28.6	687	27.6	663	26.6	639	25.6	616	24.7	593	23.8	572	20.9	503
96	3.46	29.9	718	28.8	692	27.8	667	26.8	643	25.8	620	24.9	597	24.0	575	21.1	506
97	3.50	30.1	723	29.0	697	28.0	672	27.0	648	26.0	624	25.1	601	24.1	579	21.2	510
98	3.54	30.3	728	29.2	702	28.2	677	27.2	652	26.2	628	25.2	606	24.3	583	21.4	513
99	3.57	30.5	733	29.4	707	28.4	681	27.4	657	26.4	633	25.4	610	24.5	587	21.5	517
100	3.61	30.7	737	29.6	711	28.6	686	27.5	661	26.5	637	25.6	614	24.6	591	21.7	520
101	3.64	30.9	742	29.8	716	28.8	690	27.7	665	26.7	641	25.7	618	24.8	595	21.8	524
102	3.68	31.1	747	30.0	721	29.0	695	27.9	670	26.9	645	25.9	622	25.0	599	22.0	527
103	3.72	31.3	752	30.2	726	29.1	699	28.1	674	27.1	650	26.1	626	25.1	603	22.1	531
104	3.75	31.6	757	30.4	730	29.3	704	28.3	679	27.2	654	26.3	630	25.3	607	22.2	534
105	3.79	31.8	762	30.6	735	29.5	709	28.5	683	27.4	658	26.4	634	25.5	611	22.4	537
106	3.82	32.0	767	30.8	740	29.7	713	28.7	688	27.6	662	26.6	638	25.6	615	22.5	541
107	3.86	32.2	772	31.0	745	29.9	718	28.8	692	27.8	667	26.8	642	25.8	619	22.7	544
108	3.90	32.4	777	31.2	749	30.1	722	29.0	696	28.0	671	26.9	647	26.0	623	22.8	548

PointONE Filter™ Flow Rates

Inches of Head Pressure	PSI	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day
		Sea Level		1000 Ft		2000 FT		3000 FT		4000 FT		5000 FT		6000 FT		7000 FT	
109	3.93	32.6	782	31.4	754	30.3	727	29.2	701	28.1	675	27.1	651	26.1	627	23.0	551
110	3.97	32.8	787	31.6	759	30.5	732	29.4	705	28.3	680	27.3	655	26.3	631	23.1	555
111	4.01	33.0	792	31.8	764	30.7	736	29.6	710	28.5	684	27.5	659	26.5	635	23.3	558
112	4.04	33.2	797	32.0	768	30.9	741	29.8	714	28.7	688	27.6	663	26.6	639	23.4	562
113	4.08	33.4	802	32.2	773	31.1	745	29.9	719	28.8	692	27.8	667	26.8	643	23.6	565
114	4.11	33.6	807	32.4	778	31.2	750	30.1	723	29.0	697	28.0	671	26.9	647	23.7	569
115	4.15	33.8	812	32.6	783	31.4	755	30.3	727	29.2	701	28.1	675	27.1	651	23.8	572
116	4.19	34.0	816	32.8	787	31.6	759	30.5	732	29.4	705	28.3	679	27.3	655	24.0	576
117	4.22	34.2	821	33.0	792	31.8	764	30.7	736	29.6	709	28.5	684	27.4	659	24.1	579
118	4.26	34.4	826	33.2	797	32.0	768	30.9	741	29.7	714	28.7	688	27.6	663	24.3	583
119	4.29	34.6	831	33.4	802	32.2	773	31.0	745	29.9	718	28.8	692	27.8	667	24.4	586
120	4.33	34.8	836	33.6	807	32.4	778	31.2	750	30.1	722	29.0	696	27.9	670	24.6	590
121	4.37	35.0	841	33.8	811	32.6	782	31.4	754	30.3	726	29.2	700	28.1	674	24.7	593
122	4.40	35.3	846	34.0	816	32.8	787	31.6	758	30.4	731	29.3	704	28.3	678	24.9	597
123	4.44	35.5	851	34.2	821	33.0	791	31.8	763	30.6	735	29.5	708	28.4	682	25.0	600
124	4.47	35.7	856	34.4	826	33.2	796	32.0	767	30.8	739	29.7	712	28.6	686	25.2	604
125	4.51	35.9	861	34.6	830	33.4	800	32.2	772	31.0	743	29.9	716	28.8	690	25.3	607
126	4.55	36.1	866	34.8	835	33.5	805	32.3	776	31.2	748	30.0	721	28.9	694	25.4	611
127	4.58	36.3	871	35.0	840	33.7	810	32.5	781	31.3	752	30.2	725	29.1	698	25.6	614
128	4.62	36.5	876	35.2	845	33.9	814	32.7	785	31.5	756	30.4	729	29.3	702	25.7	618
129	4.65	36.7	881	35.4	849	34.1	819	32.9	789	31.7	761	30.5	733	29.4	706	25.9	621
130	4.69	36.9	886	35.6	854	34.3	823	33.1	794	31.9	765	30.7	737	29.6	710	26.0	625
131	4.73	37.1	891	35.8	859	34.5	828	33.3	798	32.0	769	30.9	741	29.8	714	26.2	628
132	4.76	37.3	895	36.0	864	34.7	833	33.4	803	32.2	773	31.1	745	29.9	718	26.3	631
133	4.80	37.5	900	36.2	868	34.9	837	33.6	807	32.4	778	31.2	749	30.1	722	26.5	635
134	4.84	37.7	905	36.4	873	35.1	842	33.8	812	32.6	782	31.4	753	30.2	726	26.6	638
135	4.87	37.9	910	36.6	878	35.3	846	34.0	816	32.8	786	31.6	758	30.4	730	26.7	642
136	4.91	38.1	915	36.8	883	35.5	851	34.2	820	32.9	790	31.7	762	30.6	734	26.9	645
137	4.94	38.3	920	37.0	887	35.6	856	34.4	825	33.1	795	31.9	766	30.7	738	27.0	649
138	4.98	38.5	925	37.2	892	35.8	860	34.6	829	33.3	799	32.1	770	30.9	742	27.2	652
139	5.02	38.8	930	37.4	897	36.0	865	34.7	834	33.5	803	32.2	774	31.1	746	27.3	656
140	5.05	39.0	935	37.6	902	36.2	869	34.9	838	33.6	807	32.4	778	31.2	750	27.5	659
141	5.09	39.2	940	37.8	907	36.4	874	35.1	842	33.8	812	32.6	782	31.4	754	27.6	663
142	5.12	39.4	945	38.0	911	36.6	879	35.3	847	34.0	816	32.8	786	31.6	758	27.8	666
143	5.16	39.6	950	38.2	916	36.8	883	35.5	851	34.2	820	32.9	790	31.7	762	27.9	670
144	5.20	39.8	955	38.4	921	37.0	888	35.7	856	34.4	824	33.1	795	31.9	765	28.1	673
145	5.23	40.0	960	38.6	926	37.2	892	35.8	860	34.5	829	33.3	799	32.1	769	28.2	677
146	5.27	40.2	965	38.8	930	37.4	897	36.0	865	34.7	833	33.4	803	32.2	773	28.3	680
147	5.30	40.4	970	39.0	935	37.6	901	36.2	869	34.9	837	33.6	807	32.4	777	28.5	684
148	5.34	40.6	974	39.2	940	37.8	906	36.4	873	35.1	842	33.8	811	32.6	781	28.6	687
149	5.38	40.8	979	39.4	945	37.9	911	36.6	878	35.2	846	34.0	815	32.7	785	28.8	691
150	5.41	41.0	984	39.6	949	38.1	915	36.8	882	35.4	850	34.1	819	32.9	789	28.9	694
151	5.45	41.2	989	39.8	954	38.3	920	36.9	887	35.6	854	34.3	823	33.0	793	29.1	698
152	5.48	41.4	994	40.0	959	38.5	924	37.1	891	35.8	859	34.5	827	33.2	797	29.2	701
153	5.52	41.6	999	40.2	964	38.7	929	37.3	896	36.0	863	34.6	831	33.4	801	29.4	705
154	5.56	41.8	1004	40.4	968	38.9	934	37.5	900	36.1	867	34.8	836	33.5	805	29.5	708
155	5.59	42.0	1009	40.5	973	39.1	938	37.7	904	36.3	871	35.0	840	33.7	809	29.6	712
156	5.63	42.2	1014	40.7	978	39.3	943	37.9	909	36.5	876	35.2	844	33.9	813	29.8	715

PointONE Filter™ Flow Rates

Inches of Head Pressure	PSI	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day	Gallons per Hour	Gallons per Day
		Sea Level		1000 Ft		2000 FT		3000 FT		4000 FT		5000 FT		6000 FT		7000 FT	
157	5.67	42.5	1019	40.9	983	39.5	947	38.1	913	36.7	880	35.3	848	34.0	817	29.9	719
158	5.70	42.7	1024	41.1	987	39.7	952	38.2	918	36.8	884	35.5	852	34.2	821	30.1	722
159	5.74	42.9	1029	41.3	992	39.9	957	38.4	922	37.0	888	35.7	856	34.4	825	30.2	725
160	5.77	43.1	1034	41.5	997	40.0	961	38.6	927	37.2	893	35.8	860	34.5	829	30.4	729
161	5.81	43.3	1039	41.7	1002	40.2	966	38.8	931	37.4	897	36.0	864	34.7	833	30.5	732
162	5.85	43.5	1044	41.9	1007	40.4	970	39.0	935	37.6	901	36.2	868	34.9	837	30.7	736
163	5.88	43.7	1048	42.1	1011	40.6	975	39.2	940	37.7	906	36.4	873	35.0	841	30.8	739
164	5.92	43.9	1053	42.3	1016	40.8	979	39.3	944	37.9	910	36.5	877	35.2	845	31.0	743
165	5.95	44.1	1058	42.5	1021	41.0	984	39.5	949	38.1	914	36.7	881	35.4	849	31.1	746
166	5.99	44.3	1063	42.7	1026	41.2	989	39.7	953	38.3	918	36.9	885	35.5	853	31.2	750
167	6.03	44.5	1068	42.9	1030	41.4	993	39.9	958	38.4	923	37.0	889	35.7	857	31.4	753
168	6.06	44.7	1073	43.1	1035	41.6	998	40.1	962	38.6	927	37.2	893	35.9	860	31.5	757

Note: Flow rates were compiled using limited data obtained at sea level. You may experience greater or lesser flow rates in your particular application.
Sawyer does not warranty that your filter will flow to these exact numbers.

What can I expect as a flow rate from my PointONE Filter™ (Metric)

Liters per Hour

	Sea Level	1,220 M	2,135 M
Full to Empty Bucket			
19 Liter Bucket			
30 CM Hose	46.5	40.2	32.8
91 CM Hose	73.5	67.5	51.8
208 Liter Drum			
30 CM Hose	60.2	52	42.4
91 CM Hose	84	72.6	59.2
Constantly Full			
19 Liter Bucket			
30 CM Hose	53.9	46.6	38
91 CM Hose	78.2	67.5	55.1
208 Liter Drum			
30 CM Hose	81.3	70.2	57.3
91 CM Hose	99.2	85.7	69.9

Liters per Day

	Sea Level	1,220 M	2,135 M
Full to Empty Bucket			
19 Liter Bucket			
30 CM Hose	1117	964	787
91 CM Hose	1764	1523	1244
208 Liter Drum			
30 CM Hose	1445	1248	1019
91 CM Hose	2017	1741	1422
Constantly Full			
19 Liter Bucket			
30 CM Hose	1295	1118	913
91 CM Hose	1876	1620	1323
208 Liter Drum			
30 CM Hose	1951	1685	1376
91 CM Hose	2381	2056	1679

What can you expect as a flow rate from your Pointone filter?

The flow rate of a filter is determined by a combination of:

- Head Pressure (the distance from the top of the water to the filter).
- Altitude
- How clean the filter is.
- The filter itself (there are slight variations between filters).

To get an approximation of what to expect, use the following method of calculation:

A) Measure the distance from the top of the water to the filter. This is your initial Head Pressure

For a 19 liter bucket with a 30 CM hose it should be about 66CM.
For a 19 liter bucket with a 91 CM hose it should be about 127 CM.
For a 208 liter drum with a 30 CM hose it should be about 137 CM.
For a 208 liter drum with a 91 CM hose it should be about 198 CM.

B) If the container is always full, the Head Pressure remains constant. In this case the distance calculation in section A (above) can be used directly on the chart below. If, however, you allow the quantity of water in the bucket to decrease (as you draw water out through the filter), then you will need a second piece of information. You will need to know the distance from the exit fitment (where the water leaves the vessel) to the filter. For a 30 CM hose it is 36 CM; for a 91 CM hose it is 97 CM. This is your lowest Head Pressure.

C) Go to the flow chart to find the estimated flow rate for a full bucket at your approximate altitude. To do so you will need the initial Head Pressure determined in Section A (above). If you determined in Section B (above) that your container is always full, then this flow rate represents the approximate number of gallons per hour and gallons per day that your filter can output. If you calculated the lowest Head Pressure in section B (above), you will also need to find this flow rate on the chart. To find your average flow rate, add the initial flow rate to the lowest flow rate and divide by two.

Here are some examples:

Example One: You have a 19 liter bucket, 30 CM connecting tube, and you are filtering at sea level. Your water level is 30 CM above the exit fitment. So you add 30 for the bucket, 30 for the tube between the bucket and quick disconnect, and 6 for the tube between the quick disconnect and the filter. You get 66 CM. The chart says you can expect 53.0 liters per hour / 1295 liters per day. You then look up the flow rate for when the bucket is empty. In this case, the distance from the filter to the connector is 36 CM. The chart says you can expect 39.1 liters per hour / 938 liters per day. You now have to average the numbers: 53.9 liters + 39.1 liters = 93 liters. Divide this by 2 and you get 46.2 liters per hour average. 1295 + 938 = 2233. 2233/2 = 1117 liters per day average.

Example Two: Same as example one, but now you are filtering at 1,220 M elevation. At 1,220 M you would expect 46.6 liters per hour / 1118 liters per day initially and at the end you would expect 33.7 liters per hour / 2810 liters per day. When you average them it would be 1040.2 liters per hour average / 964 liters per day average.

Example Three: You are filtering at Sea Level, with a 19 liter bucket and have a 91 CM connecting tube. You would expect 78.2 liters per hour / 1876 liters per day initially and at the end you would expect 68.8 liters per hour / 1652 liters per day. When you average them it would be 73.5 liters per hour average / 1764 liters per day average.

Example Four: You are at 2,135 M, with a 19 liter bucket and have a 91 CM connecting tube. You would expect 55.1 liters per hour / 1323 liters per day initially and at the end you would expect 48.5 liters per hour / 1165 liters per day. When you average them it would be 51.8 liters per hour average / 1244 liters per day average.

PointONE Filter™ Flow Rates (Metric)

CM of Head Pressure	Kilopod	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day
		Sea Level		305 M		610 M		915 M		1220 M		1525 M		1830 M		2135 M	
36	0.23	39.1	938	37.7	904	36.3	872	35.0	840	33.7	810	32.5	780	31.3	752	27.5	661
38	0.25	40.3	967	38.9	933	37.5	899	36.1	867	34.8	835	33.5	805	32.3	776	28.4	682
41	0.26	41.5	997	40.1	962	38.6	927	37.2	894	35.9	861	34.6	830	33.3	799	29.3	703
43	0.28	42.8	1027	41.3	990	39.8	955	38.4	920	37.0	887	35.6	855	34.3	823	30.2	724
46	0.29	44.0	1057	42.5	1019	40.9	982	39.5	947	38.0	912	36.6	879	35.3	847	31.0	745
48	0.31	45.3	1086	43.7	1048	42.1	1010	40.6	974	39.1	938	37.7	904	36.3	871	31.9	766
51	0.33	46.5	1116	44.9	1076	43.2	1038	41.7	1000	40.2	964	38.7	929	37.3	895	32.8	787
53	0.34	47.7	1146	46.0	1105	44.4	1065	42.8	1027	41.2	990	39.7	954	38.3	919	33.7	808
56	0.36	49.0	1176	47.2	1134	45.5	1093	43.9	1054	42.3	1015	40.8	978	39.3	943	34.5	829
58	0.38	50.2	1205	48.4	1163	46.7	1121	45.0	1080	43.4	1041	41.8	1003	40.3	966	35.4	850
61	0.39	51.5	1235	49.6	1191	47.9	1148	46.1	1107	44.4	1067	42.8	1028	41.3	990	36.3	871
64	0.41	52.7	1265	50.8	1220	49.0	1176	47.2	1134	45.5	1092	43.9	1053	42.3	1014	37.2	892
66	0.43	53.9	1295	52.0	1249	50.2	1204	48.4	1160	46.6	1118	44.9	1077	43.3	1038	38.0	913
69	0.44	55.2	1324	53.2	1277	51.3	1231	49.5	1187	47.7	1144	45.9	1102	44.2	1062	38.9	934
71	0.46	56.4	1354	54.4	1306	52.5	1259	50.6	1214	48.7	1169	47.0	1127	45.2	1086	39.8	955
74	0.47	57.7	1384	55.6	1335	53.6	1287	51.7	1240	49.8	1195	48.0	1152	46.2	1110	40.7	976
76	0.49	58.9	1414	56.8	1363	54.8	1314	52.8	1267	50.9	1221	49.0	1176	47.2	1133	41.5	997
79	0.51	60.1	1443	58.0	1392	55.9	1342	53.9	1294	51.9	1247	50.1	1201	48.2	1157	42.4	1018
81	0.52	61.4	1473	59.2	1421	57.1	1370	55.0	1320	53.0	1272	51.1	1226	49.2	1181	43.3	1039
84	0.54	62.6	1503	60.4	1450	58.2	1397	56.1	1347	54.1	1298	52.1	1251	50.2	1205	44.2	1060
86	0.56	63.9	1533	61.6	1478	59.4	1425	57.2	1374	55.2	1324	53.1	1275	51.2	1229	45.0	1081
89	0.57	65.1	1562	62.8	1507	60.5	1453	58.4	1401	56.2	1349	54.2	1300	52.2	1253	45.9	1102
91	0.59	66.3	1592	64.0	1536	61.7	1480	59.5	1427	57.3	1375	55.2	1325	53.2	1277	46.8	1123
94	0.61	67.6	1622	65.2	1564	62.8	1508	60.6	1454	58.4	1401	56.2	1350	54.2	1300	47.7	1144
97	0.62	68.8	1652	66.4	1593	64.0	1536	61.7	1481	59.4	1426	57.3	1375	55.2	1324	48.5	1165
99	0.64	69.6	1670	67.1	1611	64.7	1553	62.4	1497	60.1	1443	57.9	1390	55.8	1339	49.1	1178
102	0.65	70.4	1689	67.9	1629	65.4	1570	63.1	1514	60.8	1459	58.6	1406	56.4	1354	49.6	1191
104	0.67	71.2	1708	68.6	1647	66.2	1588	63.8	1531	61.5	1475	59.2	1421	57.1	1369	50.2	1204
107	0.69	71.9	1726	69.4	1665	66.9	1605	64.5	1548	62.1	1491	59.9	1437	57.7	1384	50.7	1217
109	0.70	72.7	1745	70.1	1683	67.6	1623	65.2	1564	62.8	1507	60.5	1452	58.3	1399	51.3	1231
112	0.72	73.5	1764	70.9	1701	68.3	1640	65.9	1581	63.5	1523	61.2	1468	58.9	1414	51.8	1244
114	0.74	74.3	1782	71.6	1719	69.1	1657	66.6	1598	64.1	1539	61.8	1483	59.5	1429	52.4	1257
117	0.75	75.0	1801	72.4	1737	69.8	1675	67.3	1615	64.8	1556	62.5	1499	60.2	1444	52.9	1270
119	0.77	75.8	1820	73.1	1755	70.5	1692	68.0	1631	65.5	1572	63.1	1515	60.8	1459	53.5	1283
122	0.79	76.6	1839	73.9	1773	71.2	1709	68.7	1648	66.2	1588	63.8	1530	61.4	1474	54.0	1297
124	0.80	77.4	1857	74.6	1791	72.0	1727	69.4	1665	66.8	1604	64.4	1546	62.0	1489	54.6	1310
127	0.82	78.2	1876	75.4	1809	72.7	1744	70.1	1682	67.5	1620	65.0	1561	62.7	1504	55.1	1323
130	0.83	78.9	1895	76.1	1827	73.4	1762	70.8	1698	68.2	1636	65.7	1577	63.3	1519	55.7	1336
132	0.85	79.7	1913	76.9	1845	74.1	1779	71.5	1715	68.8	1652	66.3	1592	63.9	1534	56.2	1349
135	0.87	80.5	1932	77.6	1863	74.8	1796	72.2	1732	69.5	1669	67.0	1608	64.5	1549	56.8	1362
137	0.88	81.3	1951	78.4	1881	75.6	1814	72.9	1749	70.2	1685	67.6	1623	65.2	1564	57.3	1376
140	0.90	82.1	1969	79.1	1899	76.3	1831	73.6	1765	70.9	1701	68.3	1639	65.8	1579	57.9	1389
142	0.92	82.8	1988	79.9	1917	77.0	1848	74.3	1782	71.5	1717	68.9	1654	66.4	1594	58.4	1402
145	0.93	83.6	2007	80.6	1935	77.7	1866	75.0	1799	72.2	1733	69.6	1670	67.0	1609	59.0	1415
147	0.95	84.4	2025	81.4	1954	78.5	1883	75.6	1816	72.9	1749	70.2	1686	67.7	1624	59.5	1428
150	0.97	85.2	2044	82.1	1972	79.2	1901	76.3	1832	73.6	1765	70.9	1701	68.3	1639	60.1	1442
152	0.98	85.2	2044	82.1	1972	79.2	1901	76.3	1832	73.6	1765	70.9	1701	68.3	1639	60.1	1442
155	1.00	86.0	2063	82.9	1990	79.9	1918	77.0	1849	74.2	1782	71.5	1717	68.9	1654	60.6	1455

PointONE Filter™ Flow Rates (Metric)

CM of Head Pressure	Kilopod	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day
157	1.01	86.7	2081	83.7	2008	80.6	1935	77.7	1866	74.9	1798	72.2	1732	69.5	1669	61.2	1468
160	1.03	87.5	2100	84.4	2026	81.4	1953	78.4	1883	75.6	1814	72.8	1748	70.2	1684	61.7	1481
163	1.05	88.3	2119	85.2	2044	82.1	1970	79.1	1899	76.2	1830	73.5	1763	70.8	1699	62.3	1494
165	1.06	89.1	2138	85.9	2062	82.8	1988	79.8	1916	76.9	1846	74.1	1779	71.4	1714	62.8	1507
168	1.08	89.8	2156	86.7	2080	83.5	2005	80.5	1933	77.6	1862	74.8	1794	72.0	1729	63.4	1521
168	1.08	89.8	2156	86.7	2080	83.5	2005	80.5	1933	77.6	1862	74.8	1794	72.0	1729	63.4	1521
170	1.10	90.6	2175	87.4	2098	84.3	2022	81.2	1950	78.3	1878	75.4	1810	72.7	1744	63.9	1534
173	1.11	91.4	2194	88.2	2116	85.0	2040	81.9	1966	78.9	1894	76.1	1826	73.3	1759	64.5	1547
175	1.13	92.2	2212	88.9	2134	85.7	2057	82.6	1983	79.6	1911	76.7	1841	73.9	1774	65.0	1560
178	1.15	93.0	2231	89.7	2152	86.4	2074	83.3	2000	80.3	1927	77.4	1857	74.5	1789	65.6	1573
180	1.16	93.7	2250	90.4	2170	87.2	2092	84.0	2017	81.0	1943	78.0	1872	75.2	1804	66.1	1587
183	1.18	94.5	2268	91.2	2188	87.9	2109	84.7	2033	81.6	1959	78.7	1888	75.8	1819	66.7	1600
185	1.19	95.3	2287	91.9	2206	88.6	2127	85.4	2050	82.3	1975	79.3	1903	76.4	1834	67.2	1613
188	1.21	96.1	2306	92.7	2224	89.3	2144	86.1	2067	83.0	1991	80.0	1919	77.0	1849	67.8	1626
191	1.23	96.9	2324	93.4	2242	90.1	2161	86.8	2084	83.6	2007	80.6	1934	77.7	1864	68.3	1639
193	1.24	97.6	2343	94.2	2260	90.8	2179	87.5	2100	84.3	2024	81.2	1950	78.3	1879	68.8	1652
196	1.26	98.4	2362	94.9	2278	91.5	2196	88.2	2117	85.0	2040	81.9	1966	78.9	1894	69.4	1666
198	1.28	99.2	2381	95.7	2296	92.2	2213	88.9	2134	85.7	2056	82.5	1981	79.5	1909	69.9	1679
201	1.29	100.0	2399	96.4	2314	92.9	2231	89.6	2151	86.3	2072	83.2	1997	80.2	1924	70.5	1692
203	1.31	100.7	2418	97.2	2332	93.7	2248	90.3	2167	87.0	2088	83.8	2012	80.8	1939	71.0	1705
206	1.33	101.5	2437	97.9	2350	94.4	2266	91.0	2184	87.7	2104	84.5	2028	81.4	1954	71.6	1718
208	1.34	102.3	2455	98.7	2368	95.1	2283	91.7	2201	88.4	2120	85.1	2043	82.0	1969	72.1	1731
211	1.36	103.1	2474	99.4	2386	95.8	2300	92.4	2218	89.0	2137	85.8	2059	82.7	1984	72.7	1745
213	1.37	103.9	2493	100.2	2404	96.6	2318	93.1	2234	89.7	2153	86.4	2074	83.3	1999	73.2	1758
216	1.39	104.6	2511	100.9	2422	97.3	2335	93.8	2251	90.4	2169	87.1	2090	83.9	2014	73.8	1771
218	1.41	105.4	2530	101.7	2440	98.0	2352	94.5	2268	91.0	2185	87.7	2106	84.5	2029	74.3	1784
221	1.42	106.2	2549	102.4	2458	98.7	2370	95.2	2285	91.7	2201	88.4	2121	85.1	2044	74.9	1797
224	1.44	107.0	2567	103.2	2476	99.5	2387	95.9	2301	92.4	2217	89.0	2137	85.8	2059	75.4	1811
226	1.46	107.8	2586	103.9	2494	100.2	2405	96.6	2318	93.1	2233	89.7	2152	86.4	2074	76.0	1824
229	1.47	108.5	2605	104.7	2512	100.9	2422	97.3	2335	93.7	2250	90.3	2168	87.0	2088	76.5	1837
231	1.49	109.3	2623	105.4	2530	101.6	2439	98.0	2352	94.4	2266	91.0	2183	87.6	2103	77.1	1850
234	1.51	110.1	2642	106.2	2548	102.4	2457	98.7	2368	95.1	2282	91.6	2199	88.3	2118	77.6	1863
236	1.52	110.9	2661	106.9	2566	103.1	2474	99.4	2385	95.7	2298	92.3	2214	88.9	2133	78.2	1876
239	1.54	111.6	2680	107.7	2584	103.8	2491	100.1	2402	96.4	2314	92.9	2230	89.5	2148	78.7	1890
241	1.55	112.4	2698	108.4	2602	104.5	2509	100.8	2419	97.1	2330	93.6	2245	90.1	2163	79.3	1903
244	1.57	113.2	2717	109.2	2620	105.3	2526	101.5	2435	97.8	2346	94.2	2261	90.8	2178	79.8	1916
246	1.59	114.0	2736	109.9	2638	106.0	2544	102.2	2452	98.4	2363	94.9	2277	91.4	2193	80.4	1929
249	1.60	114.8	2754	110.7	2656	106.7	2561	102.9	2469	99.1	2379	95.5	2292	92.0	2208	80.9	1942
251	1.62	115.5	2773	111.4	2675	107.4	2578	103.6	2486	99.8	2395	96.2	2308	92.6	2223	81.5	1956
254	1.64	116.3	2792	112.2	2693	108.2	2596	104.3	2502	100.5	2411	96.8	2323	93.3	2238	82.0	1969
257	1.65	117.1	2810	112.9	2711	108.9	2613	105.0	2519	101.1	2427	97.5	2339	93.9	2253	82.6	1982
259	1.67	117.9	2829	113.7	2729	109.6	2630	105.7	2536	101.8	2443	98.1	2354	94.5	2268	83.1	1995
262	1.69	118.7	2848	114.4	2747	110.3	2648	106.4	2553	102.5	2459	98.7	2370	95.1	2283	83.7	2008
264	1.70	119.4	2866	115.2	2765	111.0	2665	107.1	2569	103.1	2475	99.4	2385	95.8	2298	84.2	2021
267	1.72	120.2	2885	115.9	2783	111.8	2683	107.8	2586	103.8	2492	100.0	2401	96.4	2313	84.8	2035
269	1.73	121.0	2904	116.7	2801	112.5	2700	108.5	2603	104.5	2508	100.7	2417	97.0	2328	85.3	2048
272	1.75	121.8	2922	117.4	2819	113.2	2717	109.2	2620	105.2	2524	101.3	2432	97.6	2343	85.9	2061
274	1.77	122.5	2941	118.2	2837	113.9	2735	109.9	2636	105.8	2540	102.0	2448	98.3	2358	86.4	2074
277	1.78	123.3	2960	118.9	2855	114.7	2752	110.5	2653	106.5	2556	102.6	2463	98.9	2373	87.0	2087
279	1.80	124.1	2979	119.7	2873	115.4	2769	111.2	2670	107.2	2572	103.3	2479	99.5	2388	87.5	2100

PointONE Filter™ Flow Rates (Metric)

CM of Head Pressure	Kilopod	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day
282	1.82	124.9	2997	120.4	2891	116.1	2787	111.9	2687	107.9	2588	103.9	2494	100.1	2403	88.1	2114
284	1.83	125.7	3016	121.2	2909	116.8	2804	112.6	2703	108.5	2605	104.6	2510	100.8	2418	88.6	2127
287	1.85	126.4	3035	122.0	2927	117.6	2822	113.3	2720	109.2	2621	105.2	2525	101.4	2433	89.2	2140
290	1.87	127.2	3053	122.7	2945	118.3	2839	114.0	2737	109.9	2637	105.9	2541	102.0	2448	89.7	2153
292	1.88	128.0	3072	123.5	2963	119.0	2856	114.7	2754	110.5	2653	106.5	2557	102.6	2463	90.3	2166
295	1.90	128.8	3091	124.2	2981	119.7	2874	115.4	2770	111.2	2669	107.2	2572	103.3	2478	90.8	2180
297	1.91	129.6	3109	125.0	2999	120.5	2891	116.1	2787	111.9	2685	107.8	2588	103.9	2493	91.4	2193
300	1.93	130.3	3128	125.7	3017	121.2	2908	116.8	2804	112.6	2701	108.5	2603	104.5	2508	91.9	2206
302	1.95	131.1	3147	126.5	3035	121.9	2926	117.5	2821	113.2	2718	109.1	2619	105.1	2523	92.5	2219
305	1.96	131.9	3165	127.2	3053	122.6	2943	118.2	2837	113.9	2734	109.8	2634	105.8	2538	93.0	2232
307	1.98	132.7	3184	128.0	3071	123.4	2961	118.9	2854	114.6	2750	110.4	2650	106.4	2553	93.6	2245
310	2.00	133.4	3203	128.7	3089	124.1	2978	119.6	2871	115.3	2766	111.1	2665	107.0	2568	94.1	2259
312	2.01	134.2	3221	129.5	3107	124.8	2995	120.3	2888	115.9	2782	111.7	2681	107.6	2583	94.7	2272
315	2.03	135.0	3240	130.2	3125	125.5	3013	121.0	2904	116.6	2798	112.4	2697	108.2	2598	95.2	2285
318	2.05	135.8	3259	131.0	3143	126.3	3030	121.7	2921	117.3	2814	113.0	2712	108.9	2613	95.8	2298
320	2.06	136.6	3278	131.7	3161	127.0	3047	122.4	2938	117.9	2831	113.7	2728	109.5	2628	96.3	2311
323	2.08	137.3	3296	132.5	3179	127.7	3065	123.1	2955	118.6	2847	114.3	2743	110.1	2643	96.9	2325
325	2.09	138.1	3315	133.2	3197	128.4	3082	123.8	2971	119.3	2863	114.9	2759	110.7	2658	97.4	2338
328	2.11	138.9	3334	134.0	3215	129.1	3100	124.5	2988	120.0	2879	115.6	2774	111.4	2673	98.0	2351
330	2.13	139.7	3352	134.7	3233	129.9	3117	125.2	3005	120.6	2895	116.2	2790	112.0	2688	98.5	2364
333	2.14	140.5	3371	135.5	3251	130.6	3134	125.9	3022	121.3	2911	116.9	2805	112.6	2703	99.1	2377
335	2.16	141.2	3390	136.2	3269	131.3	3152	126.6	3038	122.0	2927	117.5	2821	113.2	2718	99.6	2390
338	2.18	142.0	3408	137.0	3287	132.0	3169	127.3	3055	122.6	2944	118.2	2836	113.9	2733	100.1	2404
340	2.19	142.8	3427	137.7	3305	132.8	3186	128.0	3072	123.3	2960	118.8	2852	114.5	2748	100.7	2417
343	2.21	143.6	3446	138.5	3323	133.5	3204	128.7	3089	124.0	2976	119.5	2868	115.1	2763	101.2	2430
345	2.23	144.3	3464	139.2	3341	134.2	3221	129.4	3105	124.7	2992	120.1	2883	115.7	2778	101.8	2443
348	2.24	145.1	3483	140.0	3359	134.9	3239	130.1	3122	125.3	3008	120.8	2899	116.4	2793	102.3	2456
351	2.26	145.9	3502	140.7	3377	135.7	3256	130.8	3139	126.0	3024	121.4	2914	117.0	2808	102.9	2469
353	2.28	146.7	3520	141.5	3395	136.4	3273	131.5	3156	126.7	3040	122.1	2930	117.6	2823	103.4	2483
356	2.29	147.5	3539	142.2	3414	137.1	3291	132.2	3172	127.4	3057	122.7	2945	118.2	2838	104.0	2496
358	2.31	148.2	3558	143.0	3432	137.8	3308	132.9	3189	128.0	3073	123.4	2961	118.9	2853	104.5	2509
361	2.32	149.0	3577	143.7	3450	138.6	3325	133.6	3206	128.7	3089	124.0	2976	119.5	2868	105.1	2522
363	2.34	149.8	3595	144.5	3468	139.3	3343	134.3	3223	129.4	3105	124.7	2992	120.1	2883	105.6	2535
366	2.36	150.6	3614	145.2	3486	140.0	3360	135.0	3239	130.0	3121	125.3	3008	120.7	2898	106.2	2549
368	2.37	151.4	3633	146.0	3504	140.7	3378	135.7	3256	130.7	3137	126.0	3023	121.4	2913	106.7	2562
371	2.39	152.1	3651	146.7	3522	141.5	3395	136.4	3273	131.4	3153	126.6	3039	122.0	2928	107.3	2575
373	2.41	152.9	3670	147.5	3540	142.2	3412	137.1	3290	132.1	3169	127.3	3054	122.6	2943	107.8	2588
376	2.42	153.7	3689	148.2	3558	142.9	3430	137.8	3306	132.7	3186	127.9	3070	123.2	2958	108.4	2601
378	2.44	154.5	3707	149.0	3576	143.6	3447	138.5	3323	133.4	3202	128.6	3085	123.9	2973	108.9	2614
381	2.46	155.3	3726	149.7	3594	144.4	3464	139.2	3340	134.1	3218	129.2	3101	124.5	2988	109.5	2628
384	2.47	156.0	3745	150.5	3612	145.1	3482	139.9	3357	134.8	3234	129.9	3116	125.1	3003	110.0	2641
386	2.49	156.8	3763	151.2	3630	145.8	3499	140.6	3373	135.4	3250	130.5	3132	125.7	3017	110.6	2654
389	2.50	157.6	3782	152.0	3648	146.5	3517	141.3	3390	136.1	3266	131.1	3148	126.4	3032	111.1	2667
391	2.52	158.4	3801	152.7	3666	147.3	3534	142.0	3407	136.8	3282	131.8	3163	127.0	3047	111.7	2680
394	2.54	159.1	3819	153.5	3684	148.0	3551	142.7	3424	137.4	3299	132.4	3179	127.6	3062	112.2	2694
396	2.55	159.9	3838	154.2	3702	148.7	3569	143.4	3440	138.1	3315	133.1	3194	128.2	3077	112.8	2707
399	2.57	160.7	3857	155.0	3720	149.4	3586	144.1	3457	138.8	3331	133.7	3210	128.9	3092	113.3	2720
401	2.59	161.5	3876	155.7	3738	150.1	3604	144.7	3474	139.5	3347	134.4	3225	129.5	3107	113.9	2733
404	2.60	162.3	3894	156.5	3756	150.9	3621	145.4	3491	140.1	3363	135.0	3241	130.1	3122	114.4	2746
406	2.62	163.0	3913	157.2	3774	151.6	3638	146.1	3507	140.8	3379	135.7	3256	130.7	3137	115.0	2759

PointONE Filter™ Flow Rates (Metric)

CM of Head Pressure	Kilopod	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day	Liters per Hour	Liters per Day
409	2.64	163.8	3932	158.0	3792	152.3	3656	146.8	3524	141.5	3395	136.3	3272	131.3	3152	115.5	2773
411	2.65	164.6	3950	158.8	3810	153.0	3673	147.5	3541	142.1	3412	137.0	3288	132.0	3167	116.1	2786
414	2.67	165.4	3969	159.5	3828	153.8	3690	148.2	3558	142.8	3428	137.6	3303	132.6	3182	116.6	2799
417	2.68	166.2	3988	160.3	3846	154.5	3708	148.9	3574	143.5	3444	138.3	3319	133.2	3197	117.2	2812
419	2.70	166.9	4006	161.0	3864	155.2	3725	149.6	3591	144.2	3460	138.9	3334	133.8	3212	117.7	2825
422	2.72	167.7	4025	161.8	3882	155.9	3743	150.3	3608	144.8	3476	139.6	3350	134.5	3227	118.3	2838
424	2.73	168.5	4044	162.5	3900	156.7	3760	151.0	3625	145.5	3492	140.2	3365	135.1	3242	118.8	2852
427	2.75	169.3	4062	163.3	3918	157.4	3777	151.7	3642	146.2	3508	140.9	3381	135.7	3257	119.4	2865

Note: Flow rates were compiled using limited data obtained at sea level. You may experience greater or lesser flow rates in your particular application.
Sawyer does not warranty that your filter will flow to these exact numbers.