

Selanex Ltd

working for the OEM

The following information is provided as a guide only.

The data is based on a nominal backwash flow of 6m³/h.m² resin. At 10 Celsius water temperature this will produce a bed expansion of between 30 & 35%, assuming a standard grade Na⁺ cation resin (such as Relite CFA). On clean mains water, this should be sufficient to loosen the bed prior to regeneration whilst conserving water and capacity. Please remember that at a lower water temperature the % bed expansion will be greater - please refer to your specific resin data sheets for full details.

Vessel Ø	Inside Ø mm	Bed area m ²	m ³ /h	USgpm	lpm	Nearest	p/n	Nearest	p/n	Vessel Ø
6in	155	0.019	0.113	0.499	1.887	0.8 US gpm	19152			6in
7in	183	0.026	0.158	0.695	2.631	0.8 US gpm	19152			7in
8in	203	0.032	0.194	0.855	3.237	0.8 US gpm	19152			8in
9in	224	0.039	0.236	1.041	3.941	1.2 US gpm	12085			9in
10in	249	0.049	0.292	1.287	4.870	1.2 US gpm	12085			10in
12in	305	0.073	0.438	1.930	7.307	2.0 US gpm	12087			12in
13in	323	0.082	0.492	2.165	8.195	2.0 US gpm	12087			13in
14in	351	0.097	0.581	2.557	9.677	2.4 US gpm	12088			14in
16in	401	0.126	0.758	3.337	12.631	3.5 US gpm	12090	11 lpm	70011	16in
18in	445	0.156	0.933	4.109	15.555			15 lpm	70015	18in
20in	498	0.195	1.169	5.146	19.481			20 lpm	70020	20in
22in	544	0.232	1.395	6.141	23.246			23 lpm	70023	22in
24in	605	0.288	1.725	7.595	28.751			28 lpm	70028	24in
30in	765	0.460	2.758	12.144	45.969			45 lpm	70045	30in
36in	922	0.668	4.006	17.640	66.774			66 lpm	70066	36in
42in	1034	0.840	5.039	22.186	83.982	20 US gpm	25580-20			42in
48in	1199	1.129	6.775	29.831	112.924	30 US gpm	25580-30			48in
55in	1409	1.559	9.357	41.196	155.944	40 US gpm	25580-40			55in
63in	1603	2.018	12.111	53.321	201.843	55 US gpm	25580-55			63in