

Standard Up-Flow pH Correction Units

Filter Reference Number	1054	1248	1354	1465	1665	1865	2160	2469	3072	3672	4278
Flow Rate @ 12m/h Filtering Velocity											
Cubic metres/hour	0.6	0.85	1.00	1.20	1.50	1.90	2.60	3.40	5.30	7.70	10.50
Litres/minute	10.00	14.17	16.67	20.00	25.00	31.67	43.33	56.67	88.33	128	175
IMPG/minute	2.20	3.12	3.67	4.41	5.51	6.98	9.54	12.48	19.46	28.27	38.65
Backwash											
Cubic metres/hour	0.9	1.28	1.5	1.8	2.25	2.85	3.9	5.1	7.95	11.55	15.75
Litres/minute	15.0	21.33	25.0	30.0	37.5	47.5	65.0	85.0	132.5	192.5	262.5
IMPG/minute	3.30	4.70	5.51	6.61	8.26	10.46	14.32	18.72	29.19	42.40	57.82
Backwash Time (min)	10	10	10	10	10	10	10	10	10	10	10
Backwash Volume (m ³)	0.15	0.21	0.25	0.30	0.38	0.48	0.65	0.85	1.33	1.93	2.63
Rinse time (min)	6	6	6	6	6	6	6	6	6	6	6
Rinse Volume (m ³)	0.09	0.128	0.15	0.18	0.225	0.285	0.39	0.51	0.795	1.155	1.575
Total Volume (m ³)	0.24	0.34	0.40	0.48	0.60	0.76	1.04	1.36	2.12	3.08	4.20
Connections											
Inlet / Outlet	1"	1"	1"	1"	1"	1"	1.5"	2"	2"	2"	2"
Drain	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"	2"	2"	2"	2"
Vessel Diameter mm.	254	305	330	356	406	457	533	610	762	914	1067
Vessel Depth mm.	1372	1211	1372	1651	1651	1651	1524	1750	1830	1830	1980
Overall Height mm.	1610	1460	1610	1895	1895	1895	1850	2210	2370	2450	2220
Filter Area (m ²)	0.05	0.070	0.085	0.100	0.130	0.159	0.220	0.292	0.456	0.656	0.894
Media											
Gravel (25kg bags)	1.0	1.0	1.0	1.0	1.5	2.0	2.5	3.0	5.0	7.0	9.0
Sand (25kg bags)	1.0	1.0	1.0	1.0	1.5	2.0	2.5	3.0	5.0	7.0	9.0
pHlocrite (25kg bags)	1.0	1.5	2.0	3.0	4.0	6.0	8.0	11.0	18.0	28.0	38.0
pHlocrite bed depth mm.	435	450	515	665	680	805	790	830	870	940	935
Gravel+ Sand depth mm.	632	438	375	322	371	391	359	329	351	342	323

The normal allowance for domestic filter sizing is 200 litres per person per day.