

### FLOW RATE & SIZE SELECTION - Litres/Minute

Supply Pressure		901 Float Valve Size									
BAR	Psi	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	6"
0.5	7.3	30	53	110	210	250	290	480	650	1440	2150
1.0	14.5	48	73	150	290	350	420	670	880	1900	3100
1.5	21.8	58	87	178	355	435	510	800	1050	2240	3800
2.0	29.0	67	100	200	405	490	585	920	1200	2500	4400
2.5	36.3	73	109	218	450	550	650	1020	1310	2740	4900
3.0	43.5	79	119	234	490	600	720	1100	1420	2930	5350
4.0	58.0	88	134	263	560	680	830	1250	1600	3300	6100
5.0	72.5	97	147	288	620	770	930	1380	1750	3600	6750
6.0	87.0	103	159	310	675	835	1010	1500	1900	3900	7300
7.0	101.5	110	169	331	720	910	1080	1590	2200	4190	7800
8.0	116.0	116	179	350	770	975	1160	1675	2140	4400	8300
9.0	130.5	122	187	370	810	1035	1225	1750	2250	4650	8700
10.0	145.0	127	195	390	850	1190	1280	1820	2350	4880	9000
11.0	159.5	132	204	408	<b>NOT SUITABLE FOR PRESSURES ABOVE 10Bar</b>						
12.0	174.0	136	211	425							
13.0	188.5	140	218	443							
14.0	203.1	145	225	460							

**NOTES:** The discharge through a Float Valve is governed by the running pressure maintained at its inlet. In practice this is difficult to measure and so the tables indicate the **estimated flow rate** that will occur at various supply pressures for each size of Float Valve, or for each size of seat in Float Valves that accept a variety of seat sizes. The **flow rates quoted will only occur when the Float Valve is fully open** and will reduce as the water in the tank rises. Excessive pipe runs to the Float Valve will result in lower running pressures and reduced flow rates.

0.219969 Conversion Factor for L/m to GPM

## FLOW RATE & SIZE SELECTION - Gallons/Minute

Supply Pressure		901 Float Valve Size									
BAR	Psi	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	6"
0.5	7.3	7	12	24	46	55	64	106	143	317	473
1.0	14.5	11	16	33	64	77	92	147	194	418	682
1.5	21.8	13	19	39	78	96	112	176	231	493	836
2.0	29.0	15	22	44	89	108	129	202	264	550	968
2.5	36.3	16	24	48	99	121	143	224	288	603	1078
3.0	43.5	17	26	51	108	132	158	242	312	645	1177
4.0	58.0	19	29	58	123	150	183	275	352	726	1342
5.0	72.5	21	32	63	136	169	205	304	385	792	1485
6.0	87.0	23	35	68	148	184	222	330	418	858	1606
7.0	101.5	24	37	73	158	200	238	350	484	922	1716
8.0	116.0	26	39	77	169	214	255	368	471	968	1826
9.0	130.5	27	41	81	178	228	269	385	495	1023	1914
10.0	145.0	28	43	86	187	262	282	400	517	1073	1980
11.0	159.5	29	45	90	<b>NOT SUITABLE FOR PRESSURES ABOVE 10Bar</b>						
12.0	174.0	30	46	93							
13.0	188.5	31	48	97							
14.0	203.1	32	49	101							

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## FLOW RATE & SIZE SELECTION - Litres/Second

Supply Pressure		901 Float Valve Size									
BAR	Psi	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	6"
0.5	7.3	0.5	0.9	1.8	3.5	4.2	4.8	8.0	10.8	24.0	35.8
1.0	14.5	0.8	1.2	2.5	4.8	5.8	7.0	11.2	14.7	31.7	51.7
1.5	21.8	1.0	1.5	3.0	5.9	7.3	8.5	13.3	17.5	37.3	63.3
2.0	29.0	1.1	1.7	3.3	6.8	8.2	9.8	15.3	20.0	41.7	73.3
2.5	36.3	1.2	1.8	3.6	7.5	9.2	10.8	17.0	21.8	45.7	81.7
3.0	43.5	1.3	2.0	3.9	8.2	10.0	12.0	18.3	23.7	48.8	89.2
4.0	58.0	1.5	2.2	4.4	9.3	11.3	13.8	20.8	26.7	55.0	101.7
5.0	72.5	1.6	2.5	4.8	10.3	12.8	15.5	23.0	29.2	60.0	112.5
6.0	87.0	1.7	2.7	5.2	11.3	13.9	16.8	25.0	31.7	65.0	121.7
7.0	101.5	1.8	2.8	5.5	12.0	15.2	18.0	26.5	36.7	69.8	130.0
8.0	116.0	1.9	3.0	5.8	12.8	16.3	19.3	27.9	35.7	73.3	138.3
9.0	130.5	2.0	3.1	6.2	13.5	17.3	20.4	29.2	37.5	77.5	145.0
10.0	145.0	2.1	3.3	6.5	14.2	19.8	21.3	30.3	39.2	81.3	150.0
11.0	159.5	2.2	3.4	6.8	<b>NOT SUITABLE FOR PRESSURES ABOVE 10Bar</b>						
12.0	174.0	2.3	3.5	7.1							
13.0	188.5	2.3	3.6	7.4							
14.0	203.1	2.4	3.8	7.7							

**NOTES:** The discharge through a Float Valve is governed by the running pressure maintained at its inlet. In practice this is difficult to measure and so the tables indicate the **estimated flow rate** that will occur at various supply pressures for each size of Float Valve, or for each size of seat in Float Valves that accept a variety of seat sizes. The **flow rates quoted will only occur when the Float Valve is fully open** and will reduce as the water in the tank rises. Excessive pipe runs to the Float Valve will result in lower running pressures and reduced flow rates.