

AVAILABLE INLET VALVES & ASSOCIATED FLOW RATES

Refill rates for full capacity tanks in BS EN 12845 states that 'The water source shall be capable of refilling the tank in no more than 36 hours'. In order to assist you with selecting the most suitable inlet valve for your application, please see below the available inlet valve flow rate chart for use in our LPS 1276 Issue 2.0 accredited tanks:

FLOW RATE & SIZE SELECTION – LITRES/SECTIONS										
Supply Pressure		Size & Type								
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
										
		Pegler 901 Equilibrium	Pegler 901 Equilibrium	Keraflo FB25 (LPS2083)	Pegler 901 Equilibrium	Pegler 901 Equilibrium	Keraflo FB50SF (LPS2083)	Pegler 901 Equilibrium	Keraflo FB80 (LPS2083)	Pegler 901 Equilibrium
BAR	Psi	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s
0.5	7.3	0.5	0.9	0.18	3.5	4.2	0.67	8	1.34	24
1	15	0.8	1.2	0.79	4.8	5.8	3	11.2	6	31.7
1.5	21.8	1	1.5	0.97	5.9	7.3	3.68	13.3	7.35	37.3
2	29	1.1	1.7	1.12	6.8	8.2	4.25	15.3	8.49	41.7
2.5	36.3	1.2	1.8	-	7.5	9.2	-	17	-	45.7
3	43.5	1.3	2	1.38	8.2	10	5.2	18.3	10.4	48.8
4	58	1.5	2.2	1.59	9.3	11.3	6	20.8	12.01	55
5	72.5	1.6	2.5	1.78	10.3	12.8	6.71	23	13.43	60
6	87	1.7	2.7	-	11.3	13.9	-	25	-	65
7	101.5	1.8	2.8	-	12	15.2	-	26.5	-	69.8
8	116	1.9	3	-	12.8	16.3	-	27.9	-	73.3
9	130.5	2	3.1	-	13.5	17.3	-	29.2	-	77.5
10	145	2.1	3.3	-	14.2	19.8	-	30.3	-	81.3

Notes: The flow rates quoted will only occur when each float valve is fully open and in the case of the Pegler valves, will reduce as the water in the tank rises. Excessive or unequal pipe runs to each float valve will result in lower running pressure and reduced flow rates.

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