

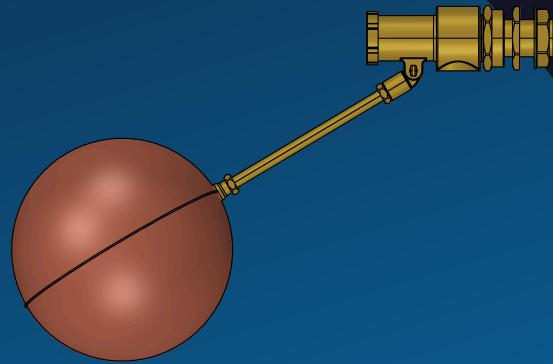
# Pegler 901 Equilibrium float valves

Product code	FVEQ.15.LO	FVEQ.22.LO	FVEQ.28.LO	FVEQ.35.LO	FVEQ.42.LO	FVEQ.50.LO	FVEQ.65.LO	FVEQ.80.LO	FVEQ.100.LO
Product code with drop arm	FVEQ.15.DA.LO	FVEQ.22.DA.LO	FVEQ.28.DA.LO	FVEQ.35.DA.LO	FVEQ.42.DA.LO	FVEQ.50.DA.LO	FVEQ.65.DA.LO	FVEQ.80.DA.LO	FVEQ.100.DA.LO
Valve size	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
Arm thread	5/16"	5/16"	7/16"	9/16"	9/16"	5/8"	9/16"	3/4"	3/4"
Float diameter	4.1/2"	6"	8"	10"	10"	12"	12"	15"	15"
Length of drop arm	13"	13"	18"	21"	21"	24"	21"	24"	24"

The Pegler 901 Equilibrium float valve is available in sizes 1/2" to 4" and is primarily designed for use at pressures of up to 10bar Supplied with male BSP tail.

**Notes:**

- To conform with the current UK anti-back siphonage requirements no provision is made for the attachment of a silencing pipe to the outlet.
- These valves must be fitted with a copper ball float using a lightweight plastic float may impair the action of the valve.
- These fittings are designed for the conveyance of cold potable water. No warranty is given that the fittings are suitable for any other purpose.



## FLOW RATE & SIZE SELECTION CHART - GALLONS PER MINUTE

Static Pressure		901 - Float valve size									
BAR	PSI	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"	6"
0.5	7.2	4.9	12.5	28.0	50.0	70.0	110.0	250.0	310.0	450.0	800.0
1.0	14.5	6.9	17.7	38.0	71.0	100.0	150.0	350.0	440.0	630.0	1130.0
1.5	21.7	8.4	21.7	48.0	87.0	120.0	190.0	430.0	540.0	770.0	1380.0
2.0	29.0	9.7	25.0	55.0	100.0	140.0	220.0	500.0	620.0	890.0	1600.0
2.5	36.2	10.9	28.0	62.0	112.0	150.0	250.0	560.0	690.0	1000.0	1780.0
3.0	43.5	11.9	31.0	68.0	122.0	170.0	270.0	610.0	760.0	1100.0	1950.0
4.0	58.0	13.8	35.0	80.0	142.0	190.0	320.0	710.0	880.0	1270.0	2250.0
5.0	72.0	15.3	39.0	88.0	157.0	220.0	350.0	790.0	980.0	1400.0	2500.0
6.0	87.0	16.8	43.0	96.0	173.0	240.0	380.0	870.0	1070.0	1550.0	2750.0
7.0	101.0	18.2	46.0	104.0	186.0	260.0	420.0	940.0	1160.0	1670.0	2950.0
8.0	116.0	19.5	50.0	110.0	200.0	280.0	440.0	1000.0	1250.0	1800.0	3200.0
9.0	130.0	20.7	53.0	118.0	212.0	300.0	470.0	1060.0	1320.0	1900.0	3400.0
10.0	145.0	21.7	56.0	125.0	223.0	315.0	500.0	1120.0	1390.0	2000.0	3550.0
11.0	159.0	22.8	59.0	130.0							
12.0	174.0	23.8	61.0	136.0							
13.0	188.0	24.9	64.0	142.0							
14.0	203.0	25.7	66.0	148.0							

NOT SUITABLE FOR PRESSURES ABOVE 10 BAR

**Flow Rate and Size Selection Chart general 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 shown indicate the 'estimated' flow rate in gallons per minute that will occur at various static heads 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 level in the tank rises. Excessive pipe runs to the float valve will result in lower running pressures and thus reduced flow rates.