pure water storage ltd

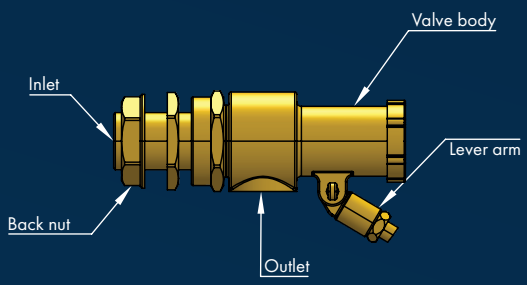
Making water storage easy since 2002

Pegler 901 Equilibrium float valves

The range of high flow rate Equilibrium float valves are simple, robust and can reliably self-compensate for changes in water supply pressures.

Valves are available in 1/2" to 4" sizes with BSP male threaded tail.

Pegler 901 Equilibrium Float Valve with BSP Male threaded inlet



Technical assistance

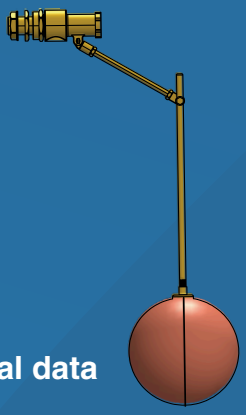
For further technical data, product specifications and general information please contact our customer service department at the telephone number shown below.

Safety

As with all industrial products, it is important to take adequate safety precautions such as the use of adequate protective clothing like gloves, overalls, eye protection and safety footwear during installation, use and maintenance of this product.

Benefits

- The 901 range suit pressures up to 10 bar whilst still maintaining a fast, quiet and smooth closing action.
- Male BSP threaded tail to allow connection to most pipework types.
- The body of the valve is made from corrosion immune Gunmetal, giving years of trouble free service.
- Design and selection of materials gives high strength for installation, operation and corrosion resistance for long life.



Technical data

Pressure: Working: 10bar

Integral full bore seat gives full high flow rates. The pressure stated above apply with water temperatures up to 20°C

Temperature: UP to 85°

Temperature increases may affect the installed life of the product. For further information relating to operating temperatures please contact our customer service department on the telephone number shown below.

Materials:

Body:	Gunmetal
Lever arm:	Brass
Lever arm claw:	Gunmetal
Ball Float:	Copper
Back nut:	Gunmetal

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40-46 Mariner, Lichfield Road Industrial Estate, Tamworth B79 7UL

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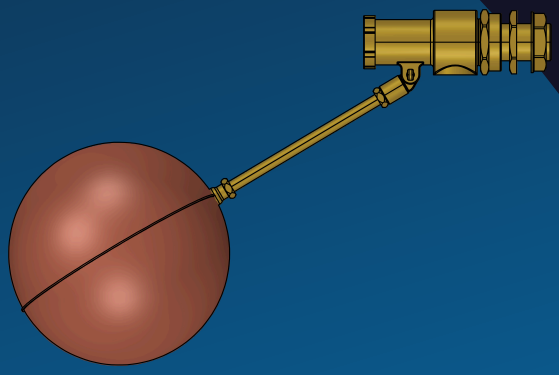
Pegler 901 Equilibrium float valves

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	NOT SUITABLE FOR PRESSURES ABOVE 10 BAR						
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							

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.

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