

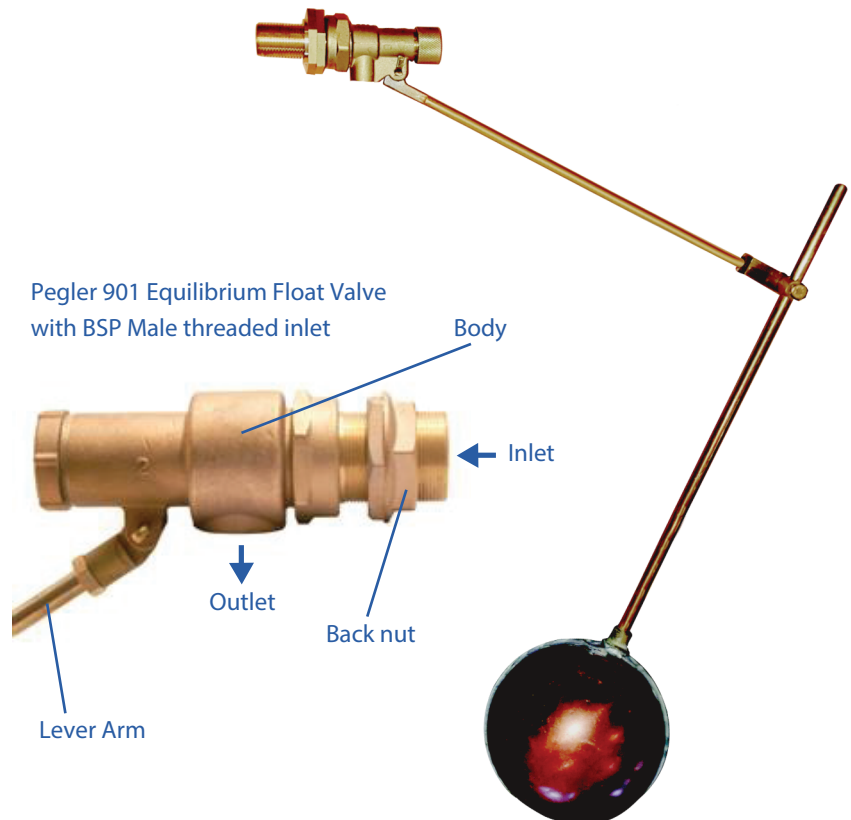
Pegler 901 Equilibrium float valves

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 and operation, and corrosion resistance for long life.

The range of high flow rate Equilibrium float valves are simple and 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.

Technical data

Pressure: Working: 10 bar

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

Pegler 901 Equilibrium float valves

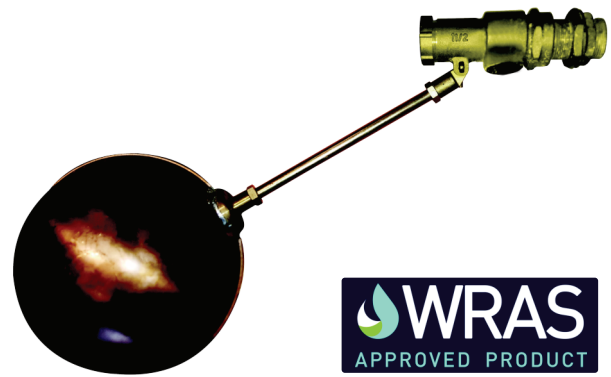
Technical information

Product code	FVEQPEG.15.LO	FVEQPEG.22.LO	FVEQPEG.28.LO	FVEQPEG.35.LO	FVEQPEG.42.LO	FVEQPEG.50.LO	FVEQPEG.65.LO	FVEQPEG.80.LO	FVEQPEG.100.LO
Product code with drop arm	FVEQPEG.15.DA.LO	FVEQPEG.22.DA.LO	FVEQPEG.28.DA.LO	FVEQPEG.35.DA.LO	FVEQPEG.42.DA.LO	FVEQPEG.50.DA.LO	FVEQPEG.65.DA.LO	FVEQPEG.80.DA.LO	FVEQPEG.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"	6"	8"	10"	12"	12"	14"	15"
Top of tank to valve centre	70	70	70	75	84	95			
MEASURED Centre of valve to discharge	23	30	25	36	38	47	55	65	
MEASURED Centre of valve to water at closed valve	85	125	265	300	325	350			
Overflow diameter	3/4"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"	6"	6"
Top of tank to water at valve closing	155	195	335	375	409	445			
Discharge to centre of o/f	30	44	56	70	84	100	134	160	200
Top of tank to centre overflow	123	144	151	181	206	242			
Top of tank to centre of warning pipe	155	182.5	193	227	260.5	303			

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 10 bar supplied with male BSP tail.

Notes:

- To conform with the current UK anti-backsiphonage 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 - Floatvalve 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 floatvalve 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 floatvalve or for each size of seat in floatvalves that accept a variety of seat sizes. The flowrates quoted will only occur when the floatvalve is fully open and will reduce as the water level in the tank rises. Excessive pipe runs to the floatvalve will result in lower running pressures and thus reduced flowrates.