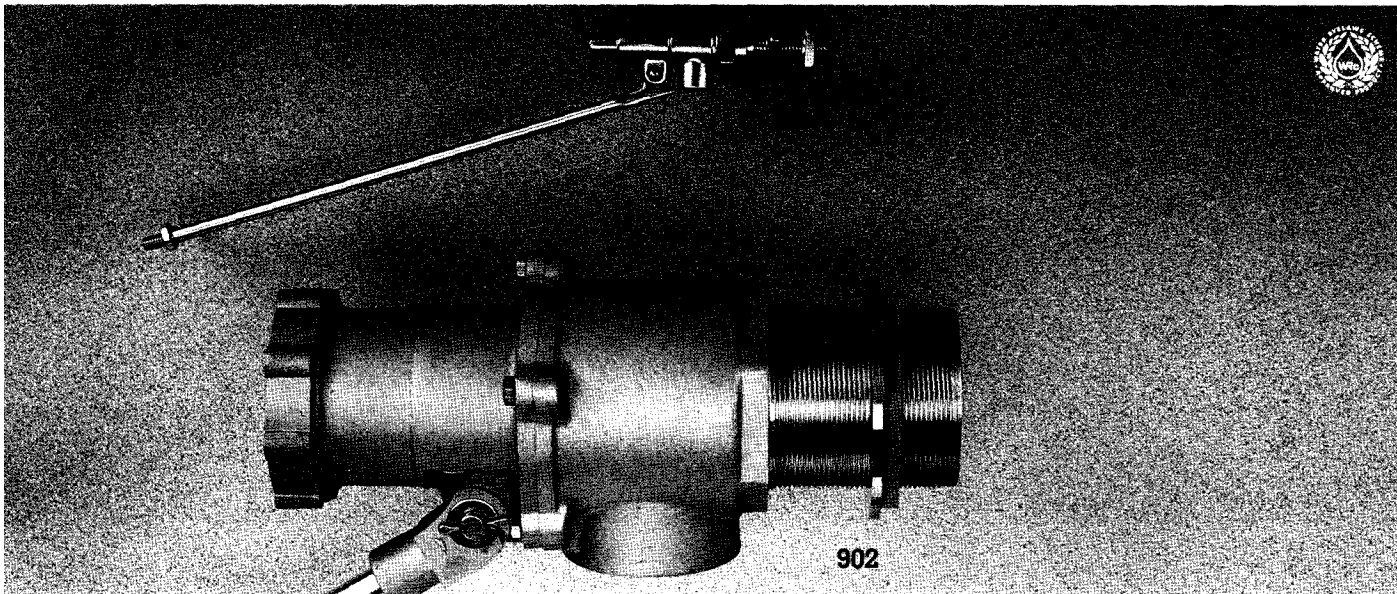


# PRESTEX EQUILIBRIUM PATTERN FLOATVALVES



## Range

		PATTERN NUMBER	SIZE	SPECIFICATION					RECOMMENDED FLOAT SIZE	
				PISTON MATERIAL	BACKNUT MATERIAL	SEAT BORE	TAIL LENGTH	LEVER LENGTH	COPPER	
REDUCED BORE	BRASS CONSTRUCTION	901	1/2"	Brass	Brass	3/8"	1 1/4"	11"	4 1/2" x 5/16" W	
		901	3/4"	Brass	Brass	1/2"	1 1/4"	13"	5 1/2" x 3/8" W	
	BRONZE CONSTRUCTION	901	1"	Bronze	Bronze	3/4"	1 1/2"	10 1/16"	6" x 7/16" W	
		901	1 1/4"	Bronze	Bronze	1 1/64"	1 7/8"	10 13/16"	8" x 3/8" W	
		901	1 1/2"	Bronze	Bronze	1 3/16"	1 7/8"	10 13/16"	10" x 3/8" W	
		901	2"	Bronze	Bronze	1 1/2"	2 1/8"	11 1/8"	12" x 3/8" W	
		901	2 1/2"	Bronze	Bronze	2 1/4"	3"	19"	12" x 3/8" W	
		901	3"	Bronze	Bronze	2 1/2"	3 1/2"	20"	14" x 3/4" W	
901	4"	Bronze	Bronze	3"	4"	21"	15" x 3/4" W			
901	6"	Bronze	Bronze	4"	5"	23"	18" x 7/8" W			
FULL BORE	BRONZE CONSTRUCTION	902	2 1/2"	Bronze	Bronze	2 1/2"	3"	20"	14" x 3/4" W	
		902	3"	Bronze	Bronze	3"	3 1/2"	21"	15" x 3/4" W	
		902	4"	Bronze	Bronze	4"	4"	23"	18" x 7/8" W	

NOTE: THE USE OF PLASTIC FLOATS ON SIZES ABOVE 2" IS NOT RECOMMENDED AS THIS COULD BE DETRIMENTAL TO THE PERFORMANCE OF THE VALVE.

## Flow Rate & Size Selection Chart (GPM)

STATIC PRESSURE		901 - FLOATVALVE SIZE										902 - FLOATVALVE SIZE		
BAR	P.S.I.	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	2 1/2"	3"	4"
0.5	7.2	7.0	12.5	28.0	50.0	70.0	110.0	250.0	310.0	450.0	800.0	310.0	450.0	800.0
1.0	14.5	9.9	17.7	38.0	71.0	100.0	150.0	350.0	440.0	630.0	1130.0	440.0	630.0	1130.0
1.5	21.7	12.2	21.7	48.0	87.0	120.0	190.0	430.0	540.0	770.0	1380.0	540.0	770.0	1380.0
2.0	29.0	14.0	25.0	55.0	100.0	140.0	220.0	500.0	620.0	890.0	1600.0	620.0	890.0	1600.0
2.5	36.2	15.7	28.0	62.0	112.0	150.0	250.0	560.0	690.0	1000.0	1780.0	690.0	1000.0	1780.0
3.0	43.5	17.2	31.0	68.0	122.0	170.0	270.0	610.0	760.0	1100.0	1950.0	760.0	1100.0	1950.0
4.0	58.0	19.9	35.0	80.0	142.0	190.0	320.0	710.0	880.0	1270.0	2250.0	880.0	1270.0	2250.0
5.0	72.0	22.2	39.0	88.0	157.0	220.0	350.0	790.0	980.0	1400.0	2500.0	980.0	1400.0	2500.0
6.0	87.0	24.3	43.0	96.0	173.0	240.0	380.0	870.0	1070.0	1550.0	2750.0			
7.0	101.0	26.3	46.0	104.0	186.0	260.0	420.0	940.0	1160.0	1670.0	2950.0			
8.0	116.0	28.1	50.0	110.0	200.0	280.0	440.0	1000.0	1250.0	1800.0	3200.0			
9.0	130.0	29.8	53.0	118.0	212.0	300.0	470.0	1060.0	1320.0	1900.0	3400.0			
10.0	145.0	31.4	56.0	125.0	223.0	315.0	500.0	1120.0	1390.0	2000.0	3550.0			
11.0	159.0	32.9	59.0	130.0	234.0	330.0	520.0							
12.0	174.0	34.4	61.0	136.0	245.0	340.0	540.0							
13.0	188.0	35.8	64.0	142.0	255.0	360.0	570.0							
14.0	203.0	37.2	66.0	148.0	264.0	370.0	590.0							

NOT SUITABLE FOR PRESSURES ABOVE 5 BAR

NOT SUITABLE FOR PRESSURES ABOVE 10 BAR

## Features

- Designed to minimise the effect of changing water pressures.
- Size range from 1/2" to 3/4" available in Brass with 1" to 6" available in Bronze (Gunmetal).
- High flow rate variation available in sizes 2 1/2" to 4".
- Smoothly controlled closure ensures a fast quiet shut off.
- Line pressure assists closing thus reducing the length of lever required.
- One size of seat and one size of ball float suits any working pressure up to 14 bar or the maximum recommended (detailed below).
- Recommended for temperatures from 0-85°C.

## Weights (approx. Kg)

PATTERN NUMBER	FLOATVALVE SIZE	WEIGHT (KG)
901	1/2"	0.52
901	3/4"	0.81
901	1"	1.65
901	1 1/4"	3.40
901	1 1/2"	3.44
901	2"	5.98
901	2 1/2"	6.18
901	3"	8.80
901	4"	12.20
901	6"	24.50
902	2 1/2"	8.00
902	3"	11.34
902	4"	20.19

### 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 G.P.M. 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 flow rates 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.

NOTE: Where two sizes or two patterns of floatvalve are capable of providing the required flow rate, select the smaller size if the indicated flow rate is more than 10% in excess of the flow rate required.