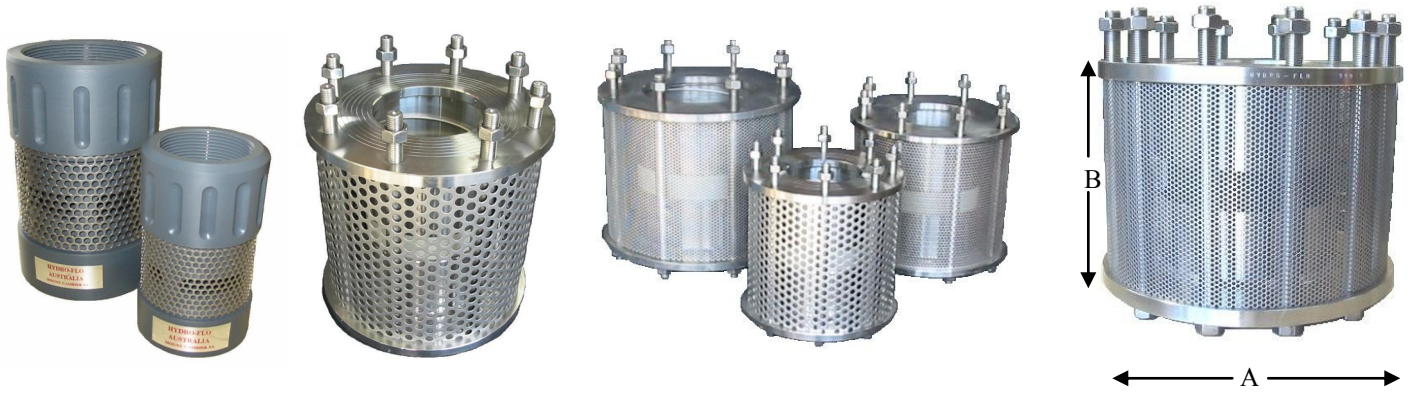


# HYDRO-FLO FOOT VALVES

## Stainless Steel and Acetal—Compact, High Flow

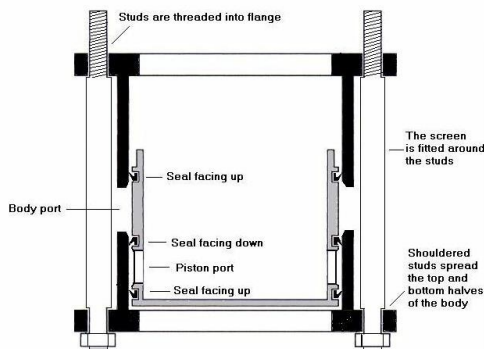


Approx Dimensions

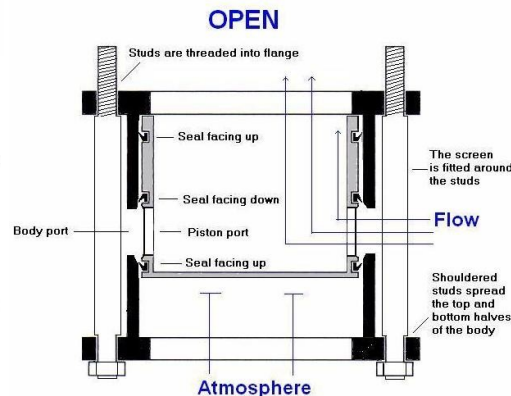
Calculated Flows in L/sec at less than 1/2mtr Head Loss in Foot Valves										
Height from pump to water level	50mm Acetal	80mm Acetal	100mm Acetal	80mm St/St	100mm St/St	150mm St/St	200mm St/St	250mm St/St	300mm St/St	Any Size St/St Needed
1mtr	9	20	44	41	67	103	187	310	398	
2mtr	9	19	42	39	64	99	180	298	383	
3mtr	9	19	40	38	62	95	173	286	367	
4mtr	8	17	38	35	58	90	163	270	347	
5mtr	8	17	36	34	56	86	156	258	332	
6mtr	6	13	28	26	43	66	120	198	255	

Dim mm	A	B	Wt Kg T/D	Wt Kg T/E
50 Acetal BSP F	80	135	.5	
80 Acetal BSP F	110	185	1.5	
100 Acetal BSP F	150	225	3	
80 St/St	190	195	8	8.5
100 St/St	215	215	11	12.5
150 St/St	280	250	22	24
200 St/St	335	260	32	35
250 St/St	405	325	60	68
300 St/St	455	360	100	120

Basic Construction



Basic Construction



SUCTION SCREENS ALSO AVAIL



All Parts are 316 Stainless Steel.  
Seals: Urethane 'U' Cup style.  
Other body and seal materials used on request.

## HYDRO-FLO STAINLESS AND ACETAL FOOT VALVES

### FEATURES.

**1/ Compact.**

Can be used in tight situations.

**2/ Side Entry.**

Pump from closer to bottom.

**3/ High Flow.**

Smaller Valves can be used for higher capacity.

**4/ Low Head Loss.**

1/2 mtr to operate Plunger then fully open.

**5/ High Efficiency.**

Saves on fuel and energy.

**6/ Flanged units with 316 Stainless Steel Body.**

Resistant to most corrosives.

**7/ Plunger PolyPropylene to 10" and 316 Stainless above.**

Resistant to most corrosives.

**8/ 316 Stainless Screen.**

4.7mm Punched screen standard with larger available on request.

**9/ V Seals Nitrile, others available on request.**

Positive sealing and resistant to most corrosives.

**10/ Seals not in Fluid Flow.**

Seals protected from wearing.

**11/ Plunger operation only at start and finish of operation.**

No wearing on sealing surfaces or plunger.

**12/ Plunger weighted or spring loaded.**

Ensures complete operation.

**13/ Studs Part of unit.**

Gives overall strength of unit and long enough for Poly stub flanges.

**14/ Can be made to Order.**

Stud pattern to suit flanges required.

Any size can be made.

**15/ Australian Designed and Manufactured.**

Cad drawings available.

### INSTALLATION AND OPERATING NOTES.

**1/ Valve needs to operate within 5deg of vertical.**

**2/ Bottom of Valve must not sit on a soft bottom as it needs to expel water when piston operates.**

**3/ Water is drawn in through sides so do not restrict this surface.**

**4/ If operating in a situation where mineral may build up on the Stainless Steel, it must be operated frequently.**

**5/ Cannot be used as a check valve due to operating method.**