

STOCK PROOF FLOAT VALVE

Flexible float arm guards against livestock damage

Available in 1", 1.5", 2", 3" and 4" sizes.



Durability

If you don't have a good cover on your float valve the float arm is the weak link that is likely to be damaged by livestock. The Flowjack flexible float arm resists damage by allowing the float arm to flex rather than permanently bend or break if it is knocked by live stock.

All castings are 316 marine grade stainless steel including the valve seat, ensuring your valve will last a long time. The stainless steel valve seat provides resistance to corrosion and wear at the most critical part of the valve and will not work its way loose under pressure.

Ease of maintenance

A removable float arm pivot pin instead of press fit makes maintenance easy.

High pressure

If you require a valve that can handle high pressure the Flowjack 2 inch high pressure valve is rated to 133 psi and ultimate pressure of 210 psi. The Flowjack 1 inch valve is rated to 260 psi and an ultimate pressure of 348 psi. *Please see reverse side for more details.*

Manual shutoff device

This device is an optional extra that allows the user to override the float valve function and manually shut the valve off. This can be a cost effective alternative to purchasing another type of valve to perform this function e.g. ball valve or gate valve. Available to suit Flowjack 1", 1.5", 2" and 3 inch valves.

Reliable design with less trouble & more value

- ◆ There are many different types of float valves but in most situations a good quality clapper valve will provide the least amount of trouble;
- ◆ The clapper valve design is mechanically simple compared to others which means there is less to go wrong. For example some designs have a sliding piston or sleeve that can become stuck due to a build up of foreign material e.g. grit, calcium and plant matter;
- ◆ Many sleeve valves have an O ring as well as the main seal that all float valves have so there are two seals that will eventually need replacing;
- ◆ Another plus with the clapper design is the ability to adjust the water height in the trough by simply turning a bolt rather than bending the float arm or adjusting the float chain.

Flowjack

Innovative Stock Watering Equipment

Flowjack Float Valve Operating Pressure Guide							
Clapper Valve Size	Float Arm Type	Float Arm Size	Float type	Rated max pressure		Ultimate max pressure *	
				Kpa	Psi	Kpa	Psi
1 inch	Rigid	300mm	7 inch poly ball float	550	80	850	123
	Rigid	300mm	8.5 inch poly ball float	1100	160	1400	203
	Rigid	300mm	9.5 inch poly ball float	1200	174	1750	253
	Rigid	400mm	8.5 inch poly ball float	1500	217	2170	315
	Rigid	400mm	9.5 inch poly ball float	1800	260	2400	348
	Flexible	340mm	7 inch poly ball float with float chain	400	58	490	71
	Flexible	340mm	8.5 inch poly ball float with float chain	862	125	1300	188
	Flexible	340mm	9.5 inch poly ball float with float chain	1000	145	1500	217
	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain	1400	203	1750	253
	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain	1550	224	2150	311
1 ½ inch	Rigid	300mm	7 inch poly ball float	150	22	200	29
	Rigid	300mm	8.5 inch poly ball float	325	47	450	65
	Rigid	300mm	9.5 inch poly ball float	400	58	650	94
	Rigid	400mm	7 inch poly ball float	200	29	250	36
	Rigid	400mm	8.5 inch poly ball float	350	51	550	80
	Rigid	400mm	9.5 inch poly ball float	550	80	750	109
	Flexible	340mm	7 inch poly ball float with float chain	125	18	200	29
	Flexible	340mm	8.5 inch poly ball float with float chain	200	29	250	36
	Flexible	340mm	9.5 inch poly ball float with float chain	250	36	450	65
	Flexible	380mm	7 inch poly ball float <u>without</u> float chain	170	25	212	31
	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain	297	43	467	68
	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain	467	68	637	92
2 inch LP (Low Pressure)	Rigid	300mm	7 inch poly ball float	80	12	110	16
	Rigid	300mm	8.5 inch poly ball float	110	16	150	22
	Rigid	400mm	7 inch poly ball float	100	15	150	22
	Rigid	400mm	8.5 inch poly ball float	210	30	265	38
	Rigid	400mm	9.5 inch poly ball float	260	38	380	55
	Flexible	340mm	7 inch poly ball float with float chain	40	6	60	9
	Flexible	340mm	8.5 inch poly ball float with float chain	90	13	150	22
	Flexible	340mm	9.5 inch poly ball float with float chain	120	17	200	29
	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain	180	26	225	34
	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain	220	32	300	43
2 inch HP (High Pressure)	Rigid	300mm	8.5 inch poly ball float	500	73	750	108
	Rigid	300mm	9.5 inch poly ball float	590	86	1050	152
	Rigid	400mm	8.5 inch poly ball float	700	101	1100	159
	Rigid	400mm	9.5 inch poly ball float	920	133	1450	210
	Flexible	340mm	8.5 inch poly ball float with float chain	450	65	700	101
	Flexible	340mm	9.5 inch poly ball float with float chain	600	87	1050	152
	Flexible	380mm	7 inch poly ball float <u>without</u> float chain	400	58	680	99
	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain	600	87	900	130
	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain	800	116	1050	152
	Flexible	380mm	Stainless steel float <u>without</u> float chain	500	72	850	123

*If the valve is operated above the rated maximum pressure we cannot guarantee it will perform correctly in all situations.

Note: One foot in height of water = 0.433 psi.

For example: If the water level in the tank is 20 feet above the outlet in the trough, this is equal to 8.67 psi at the trough outlet.

ALSO AVAILABLE:

- Float chain kit with heavy duty 3 mm 316 stainless steel chain in 300 mm and 600 mm lengths. The float chain kit has a nylock nut and split pin to guard against becoming loose;
- Rigid straight float arms and rigid elbow float arms to suit troughs where the valve sits just below the waterline;
- Ball floats made from UV stabilized polyethylene;
- Stainless steel floats to suit 1 inch to 4 inch float valves;
- Southern Cross type trough bungs and bung seats;
- Stainless steel sheet trough ends;
- Stainless steel stand pipes and more...



Authorised Distributor: