

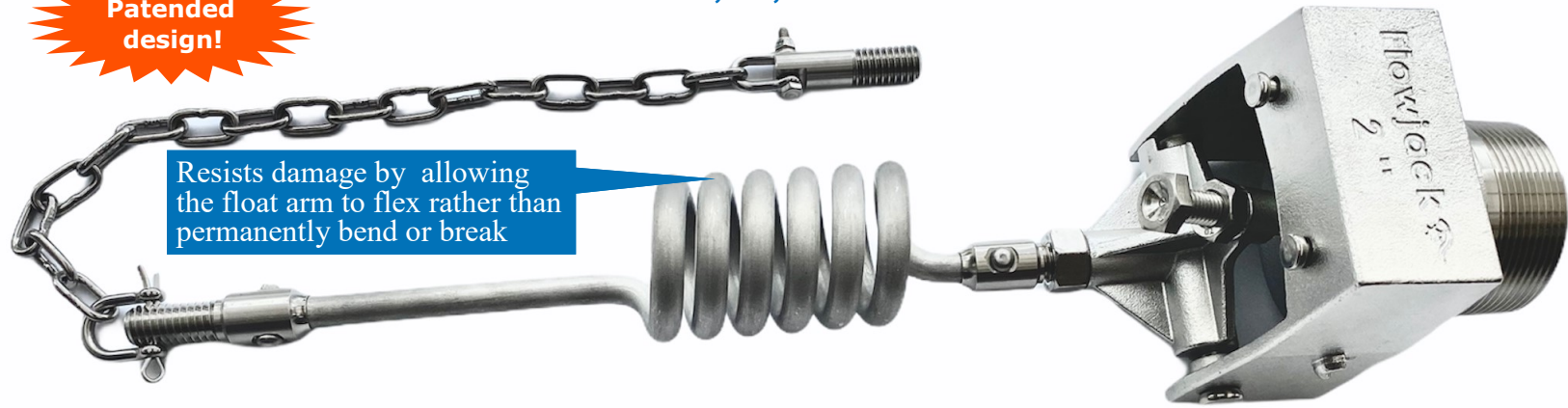
Flexible float arm guards against livestock damage

By allowing the float arm to flex rather than permanently bend or break

Patented design!

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

Resists damage by allowing the float arm to flex rather than permanently bend or break



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.

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 we have high pressure options. Our 1 inch valve is rated up to 240 psi with the largest float option and longest float arm. *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. For example ball valve or gate valve.

This device is available to suit Flowjack 1", 1.5", and 2" inch valves.

Reliable design with less trouble & more value

- ◆ There are many different types of float valves but in many cases 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 adjusting a bolt rather than bending the float arm.

Flowjack

Innovative Stock Watering Equipment

.....
www.flowjack.com.au : 0487 481 821 : contact@flowjack.com.au

Flowjack Float Valve Operating Pressure Guide

Clapper Valve Size	Code for Flexible Float Arm	Code for Rigid Float Arm	Float Arm Length	Float type	Rated max pressure	
					Kpa	psi
3/4 "	FJ483	FJ493	300mm	7 inch poly ball float <u>with</u> float chain	525	76
	FJ484	FJ494	300mm	8.5 inch poly ball float <u>with</u> float chain	1330	193
1"	FJ331	FJ055	300mm	7 inch poly ball float <u>with</u> float chain	420	61
	FJ332	FJ262	300mm	8.5 inch poly ball float <u>with</u> float chain	770	112
	FJ333	FJ084	300mm	9.5 inch poly ball float <u>with</u> float chain	1050	152
	FJ334		380mm	7 inch poly ball float <u>with</u> float chain	476	69
	FJ335		380mm	8.5 inch poly ball float <u>with</u> float chain	998	145
	FJ336		380mm	9.5 inch poly ball float <u>with</u> float chain	1330	193
1 1/2" LP (Low Pressure)	FJ340	FJ206	300mm	7 inch poly ball float <u>with</u> float chain	98	14
	FJ342	FJ218	300mm	8.5 inch poly ball float <u>with</u> float chain	228	33
	FJ344	FJ294	300mm	9.5 inch poly ball float <u>with</u> float chain	273	40
	FJ346		380mm	7 inch poly ball float <u>with</u> float chain	133	19
	FJ348		380mm	8.5 inch poly ball float <u>with</u> float chain	282	41
	FJ350		380mm	9.5 inch poly ball float <u>with</u> float chain	399	58
1 1/2" HP (High Pressure)	FJ341	FJ239	300mm	7 inch poly ball float <u>with</u> float chain	298	43
	FJ343	FJ187	300mm	8.5 inch poly ball float <u>with</u> float chain	560	81
	FJ345	FJ188	300mm	9.5 inch poly ball float <u>with</u> float chain	823	119
	FJ347		380mm	7 inch poly ball float <u>with</u> float chain	365	53
	FJ349		380mm	8.5 inch poly ball float <u>with</u> float chain	631	92
	FJ360		380mm	9.5 inch poly ball float <u>with</u> float chain	964	140
2" LP (Low Pressure)	FJ366	FJ396	300mm	7 inch poly ball float <u>with</u> float chain	39	6
	FJ368	FJ208	300mm	8.5 inch poly ball float <u>with</u> float chain	88	13
	FJ370	FJ303	300mm	9.5 inch poly ball float <u>with</u> float chain	133	19
	FJ378		380mm	7 inch poly ball float <u>with</u> float chain	65	9
	FJ380		380mm	8.5 inch poly ball float <u>with</u> float chain	160	23
	FJ382		380mm	9.5 inch poly ball float <u>with</u> float chain	229	33
2" HP (High Pressure)	FJ367	FJ399	300mm	7 inch poly ball float <u>with</u> float chain	193	28
	FJ369	FJ203	300mm	8.5 inch poly ball float <u>with</u> float chain	392	57
	FJ371	FJ204	300mm	9.5 inch poly ball float <u>with</u> float chain	525	76
	FJ379		380mm	7 inch poly ball float <u>with</u> float chain	207	30
	FJ381		380mm	8.5 inch poly ball float <u>with</u> float chain	565	82
	FJ383		380mm	9.5 inch poly ball float <u>with</u> float chain	599	87

Notes:

- 1) For a complete list of operating pressures please visit our website.
- 2) As the contact point of the adjustment bolt is adjusted towards the extremities, the contact point will move off center and the maximum operating pressure decreases.
- 3) One foot in height of water = 0.433 psi. 1 meter = 1.422 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 150 mm and 300 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:

Flowjack
Innovative Stock Watering Equipment

www.flowjack.com.au
0487 481 821
contact@flowjack.com.au