































Flowjack Float Valve Operating Pressure Guide

Clapper Valve Size	Code	Float Arm Type	Float Arm Length	Float type	Rated max pressure		Ultimate max pressure *	
					Kpa	psi	Kpa	Psi
1"	FJ055	Rigid	300mm	7 inch poly ball float <u>without</u> float chain				
	FJ262	Rigid	300mm	8.5 inch poly ball float <u>without</u> float chain				
	FJ084	Rigid	300mm	9.5 inch poly ball float <u>without</u> float chain				
	FJ281	Rigid	400mm	7 inch poly ball float <u>without</u> float chain				
	FJ037	Rigid	400mm	8.5 inch poly ball float <u>without</u> float chain				
	FJ036	Rigid	400mm	9.5 inch poly ball float <u>without</u> float chain				
	FJ331	Flexible	300mm	7 inch poly ball float <u>with</u> float chain				
	FJ332	Flexible	300mm	8.5 inch poly ball float <u>with</u> float chain				
	FJ333	Flexible	300mm	9.5 inch poly ball float <u>with</u> float chain				
	FJ334	Flexible	380mm	7 inch poly ball float <u>with</u> float chain				
	FJ335	Flexible	380mm	8.5 inch poly ball float <u>with</u> float chain				
	FJ336	Flexible	380mm	9.5 inch poly ball float <u>with</u> float chain				
	FJ334	Flexible	380mm	7 inch poly ball float <u>without</u> float chain				
	FJ335	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain				
	FJ336	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain				
1 1/2" LP (Low Pressure)	FJ206	Rigid	300mm	7 inch poly ball float <u>without</u> float chain				
	FJ218	Rigid	300mm	8.5 inch poly ball float <u>without</u> float chain				
	FJ294	Rigid	300mm	9.5 inch poly ball float <u>without</u> float chain				
	FJ289	Rigid	400mm	7 inch poly ball float <u>without</u> float chain				
	FJ054	Rigid	400mm	8.5 inch poly ball float <u>without</u> float chain				
	FJ035	Rigid	400mm	9.5 inch poly ball float <u>without</u> float chain				
	FJ340	Flexible	300mm	7 inch poly ball float <u>with</u> float chain				
	FJ342	Flexible	300mm	8.5 inch poly ball float <u>with</u> float chain				
	FJ344	Flexible	300mm	9.5 inch poly ball float <u>with</u> float chain				
	FJ346	Flexible	380mm	7 inch poly ball float <u>with</u> float chain				
	FJ348	Flexible	380mm	8.5 inch poly ball float <u>with</u> float chain				
	FJ350	Flexible	380mm	9.5 inch poly ball float <u>with</u> float chain				
	FJ346	Flexible	380mm	7 inch poly ball float <u>without</u> float chain				
	FJ348	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain				
	FJ350	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain				
1 1/2" HP (High Pressure)	FJ239	Rigid	300mm	7 inch poly ball float <u>without</u> float chain				
	FJ187	Rigid	300mm	8.5 inch poly ball float <u>without</u> float chain				
	FJ188	Rigid	300mm	9.5 inch poly ball float <u>without</u> float chain				
	FJ395	Rigid	300mm	Stainless steel float <u>without</u> float chain				
	FJ290	Rigid	400mm	7 inch poly ball float <u>without</u> float chain				
	FJ189	Rigid	400mm	8.5 inch poly ball float <u>without</u> float chain				
	FJ172	Rigid	400mm	9.5 inch poly ball float <u>without</u> float chain				
	FJ240	Rigid	400mm	Stainless steel float <u>without</u> float chain				
	FJ341	Flexible	300mm	7 inch poly ball float <u>with</u> float chain				
	FJ343	Flexible	300mm	8.5 inch poly ball float <u>with</u> float chain				
	FJ345	Flexible	300mm	9.5 inch poly ball float <u>with</u> float chain				
	FJ347	Flexible	380mm	7 inch poly ball float <u>with</u> float chain				
	FJ349	Flexible	380mm	8.5 inch poly ball float <u>with</u> float chain				
	FJ360	Flexible	380mm	9.5 inch poly ball float <u>with</u> float chain				
	FJ347	Flexible	380mm	7 inch poly ball float <u>without</u> float chain				
FJ349	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain					
FJ360	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain					
FJ362	Flexible	380mm	Stainless steel float <u>without</u> float chain					

2" LP (Low Pressure)	FJ396	Rigid	300mm	7 inch poly ball float <u>without</u> float chain		70	10	100	15
	FJ208	Rigid	300mm	8.5 inch poly ball float <u>without</u> float chain		140	20	200	29
	FJ303	Rigid	300mm	9.5 inch poly ball float <u>without</u> float chain		182	26	260	38
	FJ397	Rigid	300mm	Stainless steel float <u>without</u> float chain		175	25	250	36
	FJ398	Rigid	400mm	7 inch poly ball float <u>without</u> float chain		87.5	13	125	18
	FJ053	Rigid	400mm	8.5 inch poly ball float <u>without</u> float chain		196	28	280	41
	FJ052	Rigid	400mm	9.5 inch poly ball float <u>without</u> float chain		266	39	380	55
	FJ046	Rigid	400mm	Stainless steel float <u>without</u> float chain		210	30	300	44
	FJ366	Flexible	300mm	7 inch poly ball float <u>with</u> float chain		42	6	60	9
	FJ368	Flexible	300mm	8.5 inch poly ball float <u>with</u> float chain		119	17	170	25
	FJ370	Flexible	300mm	9.5 inch poly ball float <u>with</u> float chain		161	23	230	33
	FJ378	Flexible	380mm	7 inch poly ball float <u>with</u> float chain		56	8	80	12
	FJ380	Flexible	380mm	8.5 inch poly ball float <u>with</u> float chain		147	21	210	30
	FJ382	Flexible	380mm	9.5 inch poly ball float <u>with</u> float chain		196	28	280	41
	FJ380	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain		168	24	240	35
	FJ382	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain		224	32	320	46
FJ384	Flexible	380mm	Stainless steel float <u>without</u> float chain		182	26	260	38	
2" HP (High Pressure)	FJ399	Rigid	300mm	7 inch poly ball float <u>without</u> float chain		210	30	300	44
	FJ203	Rigid	300mm	8.5 inch poly ball float <u>without</u> float chain		595	86	850	123
	FJ204	Rigid	300mm	9.5 inch poly ball float <u>without</u> float chain		840	122	1200	174
	FJ401	Rigid	300mm	Stainless steel float <u>without</u> float chain		560	81	800	116
	FJ400	Rigid	400mm	7 inch poly ball float <u>without</u> float chain		315	46	450	65
	FJ205	Rigid	400mm	8.5 inch poly ball float <u>without</u> float chain		770	112	1100	160
	FJ139	Rigid	400mm	9.5 inch poly ball float <u>without</u> float chain		1155	168	1650	239
	FJ140	Rigid	400mm	Stainless steel float <u>without</u> float chain		700	102	1000	145
	FJ367	Flexible	300mm	7 inch poly ball float <u>with</u> float chain		140	20	200	29
	FJ369	Flexible	300mm	8.5 inch poly ball float <u>with</u> float chain		350	51	500	73
	FJ371	Flexible	300mm	9.5 inch poly ball float <u>with</u> float chain		525	76	750	109
	FJ379	Flexible	380mm	7 inch poly ball float <u>with</u> float chain		210	30	300	44
	FJ381	Flexible	380mm	8.5 inch poly ball float <u>with</u> float chain		560	81	800	116
	FJ383	Flexible	380mm	9.5 inch poly ball float <u>with</u> float chain		805	117	1150	167
	FJ379	Flexible	380mm	7 inch poly ball float <u>without</u> float chain		262.5	38	375	54
	FJ381	Flexible	380mm	8.5 inch poly ball float <u>without</u> float chain		700	102	1000	145
FJ383	Flexible	380mm	9.5 inch poly ball float <u>without</u> float chain		1050	152	1500	218	
FJ385	Flexible	380mm	Stainless steel float <u>without</u> float chain		805	117	1150	167	

Flowjack 3" Float Valve Operating Pressure Guide

Valve Type	Code	Float type	Rated max pressure		Ultimate max pressure *	
			Kpa	psi	Kpa	Psi
High Pressure	FJ098	Standard stainless steel float	386	56	552	80.1
	FJ021 or FJ152	Standard stainless steel float	91	13.2	131	19
Low Pressure	FJ216	Poly shell float upright	96	13.9	138	20
	FJ137	Poly shell float upside down	106	15.4	152	22

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

Ultimate pressure is taken with the float approx 8/10 submerged and the adjustment bolt adjusted so it contacts the clapper at a point which is aligned with the axis of the valve bore.

As the contact point is adjusted off center the maximum pressure decreases.

Note: 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.