

Catalogue No.

APL / 1090

Float Valve



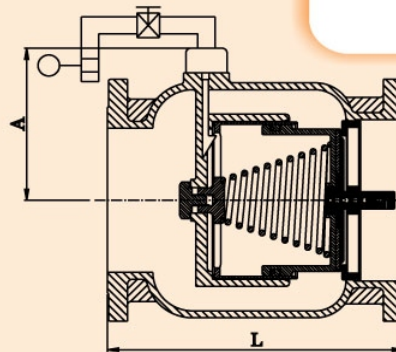
Size Range : 2" to 24" Flanged

Float valve uses a sub-valve (floating ball switch) to control the main valve. When the water level elevates to the full water level set by sub-valve (floating ball switch), the sub-valve (floating ball switch) closes and the back pressure chamber inside the main valve accumulates pressure rapidly, which reversely pushes the piston valve to close. By this mechanism, the float valve can thus control the water level. In order to save space inside the pool and for easy maintenance, it is recommended to install the float valve outside the pool.

- ▶ The working pressure should be greater than 0.3 kgf/cm² and gate fully open with 1.5 kgf/cm², please check the pressure before installation.
- ▶ Please remove impurities or metal dusts inside the pipe throughly. If possible, please add filter to prevent pipe blocking.
- ▶ Vertical and horizontal installation is acceptable. Avoid upside-down installation under insufficient flow.
- ▶ Please uses high pressure float ball switch.

Dimensions : (All Dimensions are in mm)

Valve Model	Valve Size		A	L	Weight Approx	CV
	MM	Inch				
DFF - 50	2"	50	180	190	12	75
DFF - 65	2½"	65	185	210	15	105
DFF - 80	3"	80	200	225	18	140
DFF - 100	4"	100	222	250	24	260
DFF - 125	5"	125	235	280	32	390
DFF - 150	6"	150	260	310	44	550
DFF - 200	8"	200	300	420	87	1000
DFF - 250	10"	250	335	470	152	1600
DFF - 300	12"	300	370	530	202	2200
DFF - 350	14"	350	415	600	285	3000
DFF - 400	16"	400	-	600	-	-
DFF - 450	18"	450	-	750	-	-
DFF - 500	20"	500	-	750	-	-
DFF - 600	24"	600	-	900	-	-



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Solenoid Valve

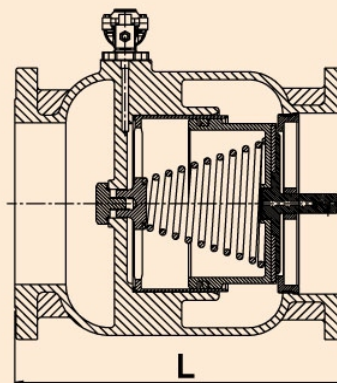


Size Range : 2" to 24" Flanged

- ▶ Valve Body is made by Stainless Steel #316, suitable for fluid, air and steam.
- ▶ The gate is balanced-pressure designed, which will not influence the outlet pressure caused by unstable inlet pressure.
- ▶ When the outlet pressure responds directly to the pressure control chamber and adjusts the setting pressure, it responds quickly and adjusts the pressure accurately
- ▶ Design of piston and diaphragm improves the inability of sustaining pressure and leakage.
- ▶ Pressure Adjusting Range : 1 ~ 6 kgf/cm², 4 ~ 10 kgf/cm², 8 ~ 13 kgf/cm²
- ▶ Pressure needed from fully-closed gate to fully-opened gate : 1.5 kgf/cm² (1 kgf/cm² = 14.2 psi)
- ▶ Applied Temperature : -15 ~ 100 °C, 100 ~ 180 °C (For steam)
- ▶ Valve Body Testing Pressure : 35 kgf/cm²
- ▶ Maximum Applied Pressure : 25 kgf/cm²

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DSF - 400	16"	400	-	600	-	-
DSF - 450	18"	450	-	750	-	-
DSF - 500	20"	500	-	750	-	-
DSF - 600	24"	600	-	900	-	-



Note : Since constant worldwide advancement in technology, we keep our right reserved to make changes time to time in technical specifications and Dimensions without prior notice. Purl no. : June, 2011 (Rev-08)

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