

Catalogue No.

APL / 1090

Float Valve



Size Range : 2" to 24" Flanged

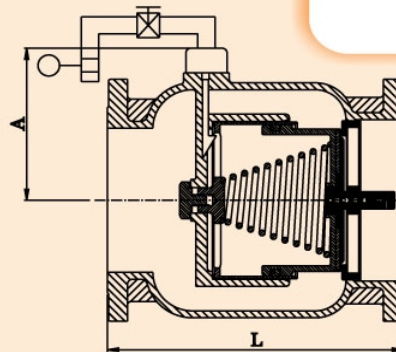
Float valve uses a sub-valve (floating ball switch) to control the main valve. When the water level elevates to the full water level set by sub-valve (floating ball switch), the sub-valve (floating ball switch) closes and the back pressure chamber inside the main valve accumulates pressure rapidly, which 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 | - | - |



Catalogue No.

APL / 1091

Solenoid Valve



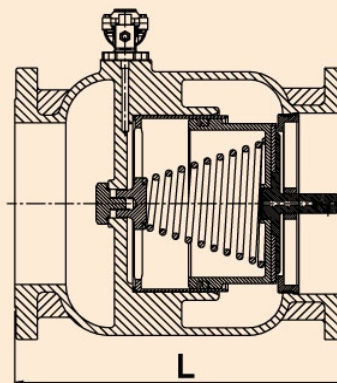
Size Range : 2" to 24" Flanged

- ▶ 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



Dimensions : (All Dimensions are in mm)

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