

Smart Solutions for Pressure, Level, Flow & Leakage Management



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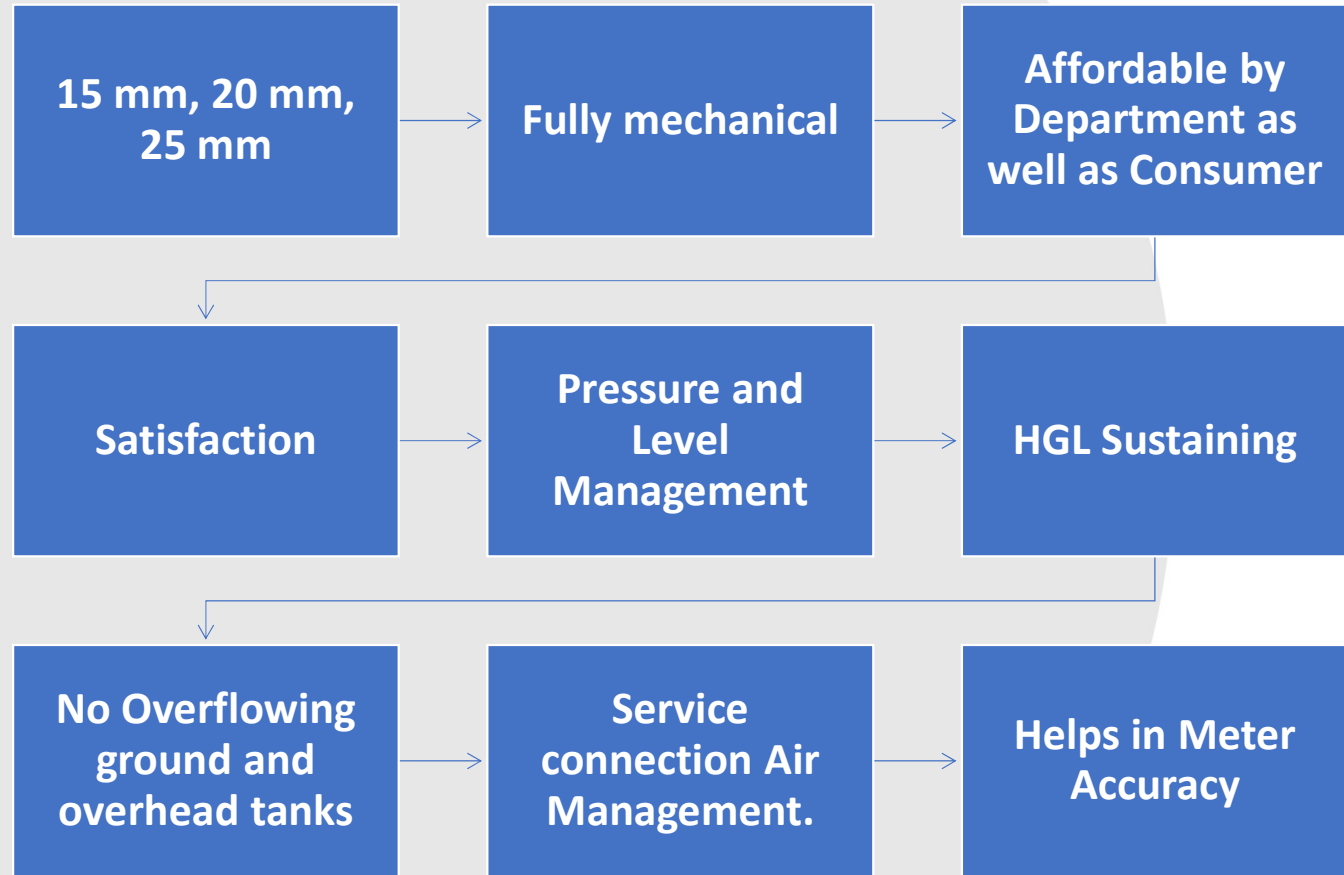
Alpine Flowtech

- Experience
- Knowledge
- Dedication
- Action
- Support



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SERVICE CONNECTIONS VALVES - COST EFFECTIVE



Direct Acting Service Connection PRV & Air Vent Valve for Meters.
With inbuilt transparent Filter and Ball Valve for Flushing



**Direct Acting Service
Connection PRV &
Air Vent Valve for
Meters. With inbuilt
transparent Filter
and Ball Valve for
Flushing**

Introduction to Direct Acting Pressure Reducing Valve with Filter & Cleaning Attachment for House/Commercial Service Connections, Sizes 15 mm to 50 mm.

Application:

Direct Acting Service Connection Pressure Reducing Valves protect **Household Water Installations/Industrial or Commercial Applications** within the range of their specification. By installing a pressure reducing valve, pressurization damage is avoided, and water consumption is reduced. The set pressure is also maintained constant even when there is wide inlet pressure fluctuation. Reduction of the operating pressure and maintaining it at a constant level minimizes flow noise in the installation. The PRV is Direct acting, Balanced seat design, Diaphragm operated with built in filter. This filter reduces nuisance of sending technician/plumber to clean the filter. The PRV is a multi-benefit all-rounder in addition it is also best suited for tough & remote locations like hilly areas, remote houses, bungalows.



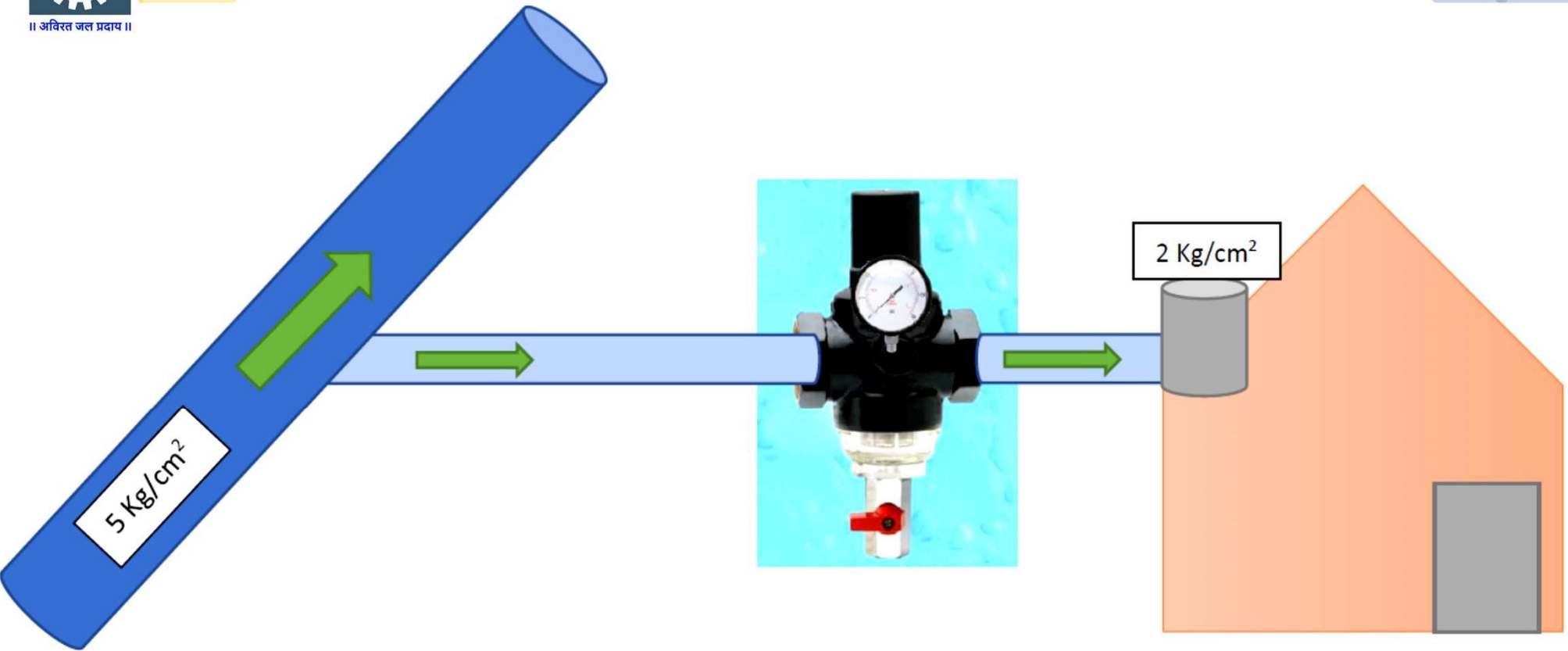
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With Filter & Cleaning Valve



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Service Connection Float Valve for UG and OHT

Cheapest & Best Float Valve for House Connections

- No Overflow
- No Loss of Storage
- No Loss of Flow Rate
- Easy to Clean & Service
- Long Service Life
- Easy to Install
- Light Weight
- Fully Mechanical
- No external additional connections

The Vari - flot is the new-age technology for float valves for fluid level control in tanks.

- No Ball float with long rods.
- No wastage of space in the tank for mechanism.
- Valve shut-off supply automatically once water level reaches about 40mm to 50mm from base.
- Sturdy and compact with no external moving parts.
- Easy to install. Hand tighten to pipe.

2 Year Warranty

Ideal for...

- Loft tanks
- Overhead tank
- Aquarium
- Fountain
- Swimming pools
- Holding tanks...

Technical Info.:

Size : 1/2"
Connection : Female screwed end BSP.
Dimension : Width - 70mm
 Height - 125mm
Body material : Nylon
Operating press.: 0.6 kg/cm² to 6 kg/cm²



SPECIAL FLOAT VALVE FOR HOUSE/COMMERCIAL ESTABLISHMENT

Loft Tanks	Swimming Pool	Overhead Tanks
Irrigation System	Underground Tank	Livestock tanks
Ponds	Fountains	Aquarium

A new generation tank level controller.

It is the most compact float valve which automatically turns off the water supply once the tank is filled up. The unique diaphragm of the Float uses the water pressure itself to stop the water flow in the tank.

As the water level in tank reaches to a certain level (of about 30-50 mm) above base of the Float) the float inside rises, activates the diaphragm, and shuts off the water supply completely.



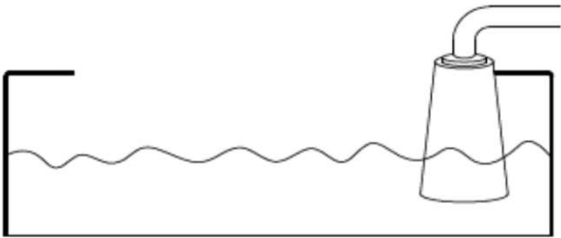
Special Float Valve V/S Conventional Ball Float Valve

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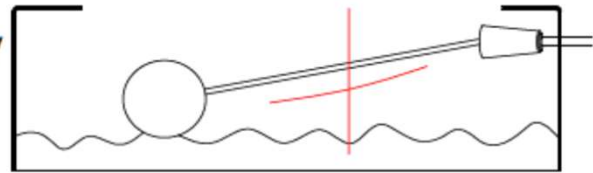
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SFV



v/s

Ball Float Valve

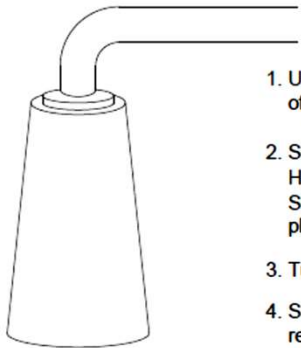


Advantages of SFV over Ball Float Valve:

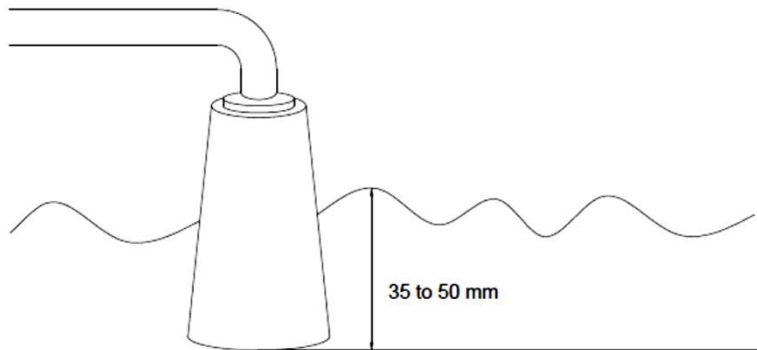
1. SFV has compact design with no external moving parts versus bulky design of Ball Float Valve. Hence SFV is not affected by turbulence of water. Whereas in Ball Float Valve the lever breaks due to turbulence in water.
2. Water can filled till higher level in SFV as it is mounted from top and not from side. Whereas in Ball Float Valve need more space in top to accommodate the Ball Float Valve which means lesser utilization of tank space. Thus SFV helps increase tank capacity.
3. Better life in SFV due to the cartridge-style design with no external moving lever / parts.
4. SFV installations are faster. Can be fitted in seconds. Also Ball Float Valve requires extra fittings for installation. But SFV needs NO EXTRA FITTINGS and hence cheaper to install.
5. SFV the flow rate is constant & Ball Float Valve the flow rate varies as the lever moves up.

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Installing the Special Float Valve (SFV)-1/3.



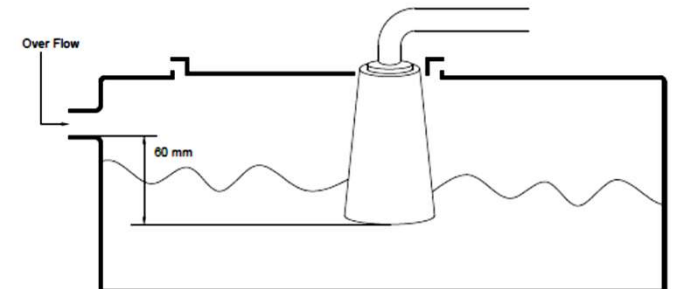
1. Use plumbers teflon tape on the threads of pipe. **DO NOT USE PIPE COMPOUND.**
2. Screw the SFV on the pipe thread. Hand tighten only. Ensure it is mounted stably. SFV will not work if it is not secured properly in its place.
3. Turn supply on and allow water to fill in.
4. SFV will shut off when water level will reach 35-55 mm (depending upon pressure) above its base level.
Note: There will be a short delay in shut-off for the first time.



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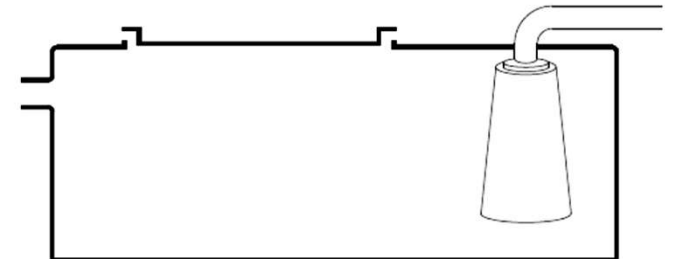


Installing the Special Float Valve (SFV)-2/3.



5. Can be installed only on vertical pipe.

6. In case of tanks where overflow pipe is given ensure that base of SFV is about 60 mm below the overflow pipe level. So that water level never reaches over flow level. Where water is turbulent like in swimming pool it can.



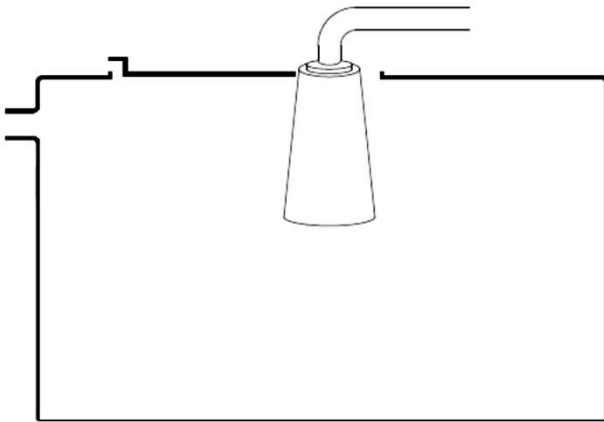
For installation in loft tanks

Cut a hole in lid of tank matching the diameter of SFV.

Screw the SFV on the pipe thread. Ensure that the base of SFV is about 60 mm below the overflow pipe(max tank level) as in previous sketch
OR

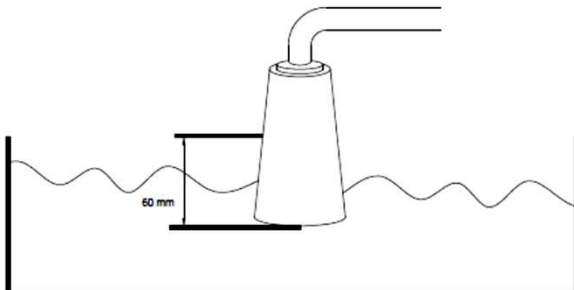
Pass the pipe in to the tank preferably near the lid. Screw in the SFV on to pipe thread.

Installing the Special Float Valve (SFV)-3/3.



OR

Install the SFV in the space of the lid. And cut out an arc on the lid of the tank so that it fits around the SFV.



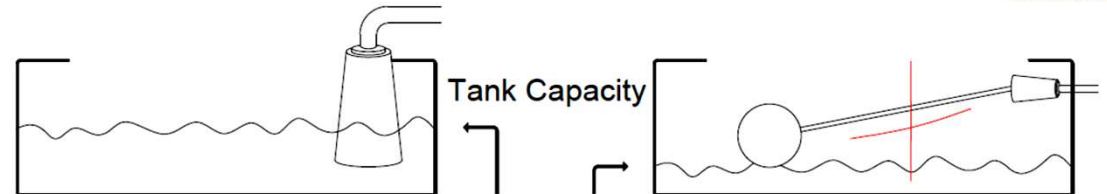
For installation in open tank/Pools

Installation SFV directly on top of tank. Ensure that base of float is about 60 mm below the top level of tank.

SFV

v/s

Ball Float Valve



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For More Insight:

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