



Alpine Flowtech

Control Valves, Sewage Air Valves, Controllers, Pressure, Flow, Level & Leakage Management.

Unit No. 1, B Wing, Swarajya Complex, Rajlaxmi Compound, Opp. Bewakoof Textile Factory Outlet, Kasheli, Kalher, Tal. Bhiwandi, Dist. Thane Pin 421302. Contact: 8850001856/9867025324/8978558585.

Email: alpineflowtech@gmail.com. GSTIN - 27ABOFA0019J1Z1. Mumbai-Hyderabad-Ahmedabad.

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.



With Filter & Cleaning Valve

Features & Specifications :

Type	Diaphragm type. Direct operating self-actuated (i.e. without external supply / power to operate PRV).
Design	PRV is of cartridge design i.e. entire mechanism built in a cartridge to allow inline maintenance and quick replacements. The Dual open design allows opening of filter without removing cartridge / moving parts or spring assembly. PRV has a built in tapping for measuring outlet Pressure. Easily adjustable outlet pressure. <ul style="list-style-type: none"> ✚ Inlet Pressure - Maximum 16 kg/cm ✚ Connection size - 15 to 50 mm ✚ End connections - BSP Female threaded ✚ Max. Temp. - 45° C ✚ Outlet Pressure - 1.5 - 5.0* kg/cm. ✚ Medium – Water.
Material	All parts are food grade and rust / corrosion proof even when installed in open places (weatherproof)
Body Material	Gunmetal / Bronze
Diaphragm	Food Grade nitrile rubber with nylon reinforcement.
Filter Specifications	Ideally PRV has a built-in filter made of SS wire mesh which can filter particles above 0.2 mm.
Self-Cleaning Feature	Each PRV has a built-in mechanism to flush out dirt without having to open PRV, to allow online cleaning.
Moving Parts	Low weight plastic with chloride resistant SS316 Pin insert.
Inlet Pressure Rating	10 kg/cm ² (Burst pressure test 20 bar)
Outlet Setting Pressure	1 to 4 Bar (10 to 40 meters). PRV can reduce from 6 bars to 2 bars without cavitation damage.
End Connections	Screwed BSP for sizes upto 50mm.
Warranty	3 years
Pressure Gauge Ports	The PRV have in built Pressure Gauge Connection ports in opposite orientations in case of space restrictions.

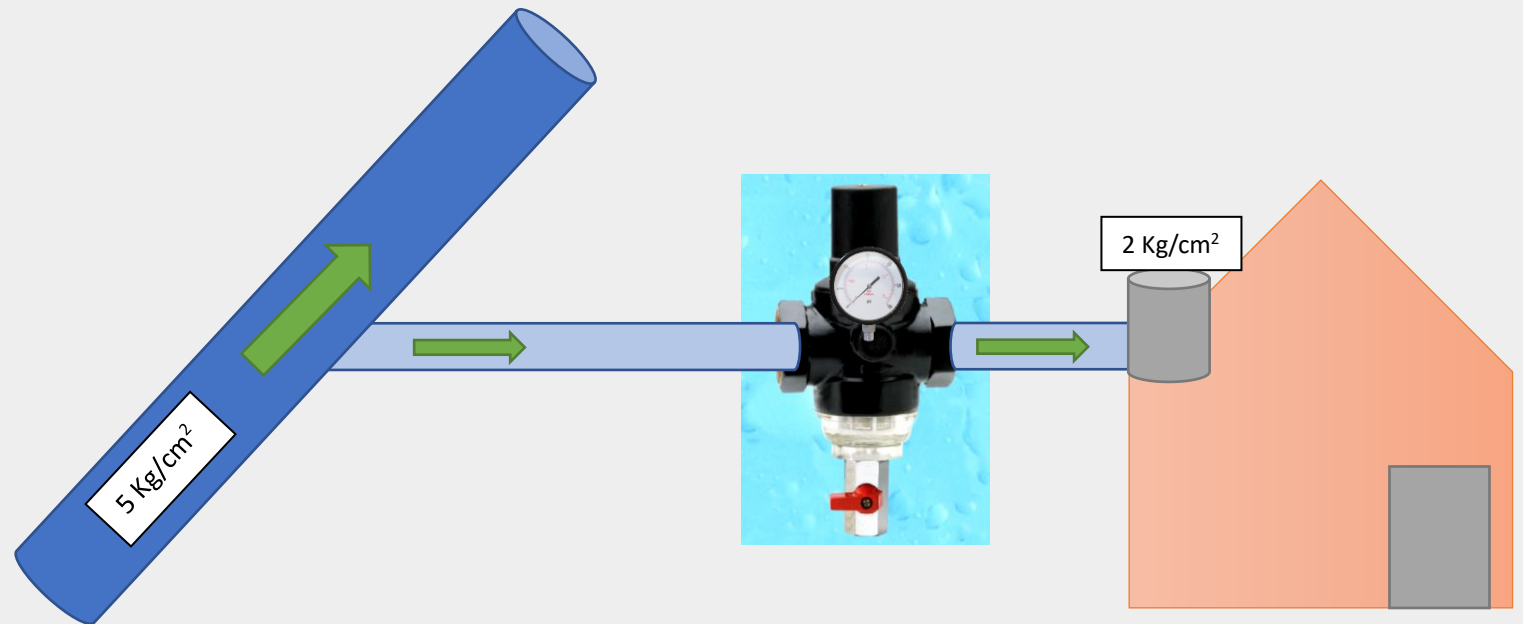


Alpine Flowtech

Control Valves, Sewage Air Valves, Controllers, Pressure, Flow, Level & Leakage Management.

Unit No. 1, B Wing, Swarajya Complex, Rajlaxmi Compound, Opp. Bewakoof Textile Factory Outlet, Kasheli, Kalher, Tal. Bhiwandi, Dist. Thane Pin 421302. Contact: 8850001856/9867025324/8978558585.

Email: alpineflowtech@gmail.com. GSTIN - 27ABOFA0019J1ZI. Mumbai-Hyderabad-Ahmedabad.



The PRV should be capable of:

Advanced Pressure Management

Equitable Distribution of Water, 24 x 7 Water Supply Management and Tail End Efficient Service Delivery of Water

DMA Management and NRW Reduction and helps in containing Water Loss due to excess pressure. Pipeline Burst Control

Tapping Management

Energy Saving of the Electro-Mechanical Equipments

Feeder Pressure Sustaining or HGL Sustaining

Balancing of the House Tanks for Distribution efficiency from the Elevated Reservoirs