



Design & Manufacture in **TAIWAN**

# Water Pressure Regulating Valve

Efficient and Cost-effective Solution to Address the Water Hammer Issues



(inlet/outlet: 3/8")



(inlet/outlet: 1/4")

Size of Connections



PRV-01



## Regulating Pressure for Safety



Effectively keep water pressure below set limited pressure or at a stable pressure level.



## Easy to Install



Make it easy to integrate into existing water systems to regulate water pressure as required.



## Small Space Required



The inline pressure regulating valve is easily to be installed in confined spaces.

Passed **100,000** Cycle of Pressure Tests

Suitable For

**Water Purifier / RO System / Water Dispenser / Water Filters Devices**

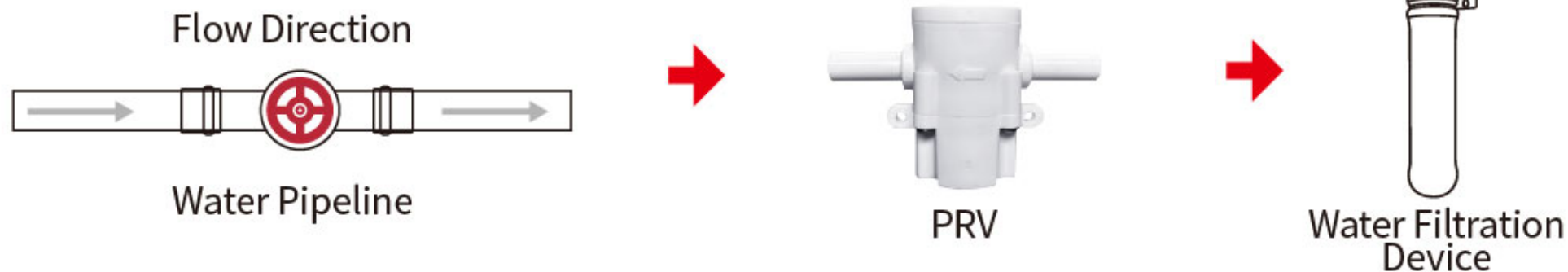
The primary purpose is to protect against damage by limiting inlet water pressure and reducing water hammers before water purifier devices.



# INSTRUCTIONS

1. Water filtrations will have to stand for inlet water pressure when connect to mains feed water pipeline.
2. Whenever the inlet water pressure is higher than  $2.0 \pm 0.2 \text{ kg/cm}^2$ , the PRV will automatically shut off water and when water pressure is lower than  $2.0 \pm 0.2 \text{ kg}$ , PRV turns on and water comes.
3. With PRV installed, the water pressure in the water purifier device will be at a stable pressure at  $1.5 \sim 1.6 \text{ kg/cm}^2$ .
4. Best solution of water pressure regulator, a safety device for residential and commercial water purifiers and water filtration system.

## Installation Procedure



# COMPARISON



## NSF Requirement Material



- NSF Approval Plastic Materials
- Only 1/5 price
- Adjust water pressure
- Keep the water steady

**WIN**

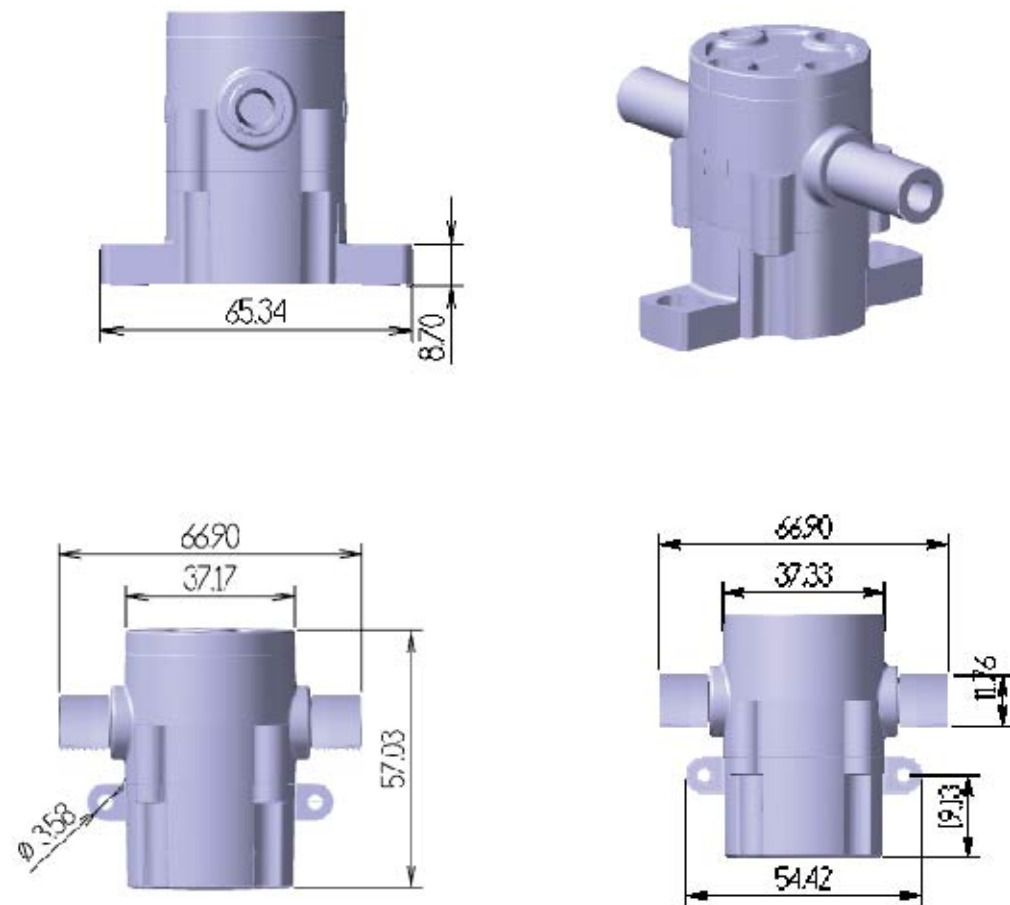
**VS**

## Made of Metal

- Heavy Metals pollution
- Expensive
- Adjust water pressure
- Keep the water steady



## DIMENSIONS



## SPECIFICATIONS

Model No	<b>PRV-01</b>
Material	POM
Length	67 mm
Height	57 mm
Weight	70 g
Flow Rate(Max.)	1.8 Liter/min
Pressure Resistance	> 500 psig
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