



**The Clear Choice**  
Water Filtration Systems

[www.aquafilter.com](http://www.aquafilter.com)

## PLV-0104 SERIES

### PRESSURE LIMITING VALVE

#### General Description:

Aquafilter Pressure Limiting Valve (PLV) rated to 6 bar (90 psi) with 1/4" tube ports is a must for any under counter water filter system.

Not having one installed could mean that if you ever did have to claim insurance on damage caused by a burst water filter system may be denied due to the lack of Certified pressure limiting protection installed.

All complete under counter water filtration systems sold by Aquafilter include either a 3.5 bar (52.5 psi) or 6 bar (90 psi).

Certified pressure limiting valve (PLV) to protect the water filter system from extreme water pressure events which could occur in the water pipes.

If your system does not already have a PLV it is simple to install. Simply turn off the water to your filter system, cut the tubing between the water source tap and the filter system, push the tubes into each end of the PLV (ensuring that the flow arrow on the PLV is pointing the same way as the water is running) turn the water back on and that's it.

#### Features:

- High quality pressure limiting valves being appicated for high pressure system to protect downstream components - Water filters, Drink dispensers, RO system
- Protect water filtration devices by limiting water pressure and reducing water hammer
- Different pressure ratio setting for options to suit different application
- Quick fitting connector for easy to install onto your application
- Protects water filter units by limiting water pressure to inline cartridges & housings
- Reduces water hammer
- PLV-0104-50 valves are designed for water filters, ice makers, coffee machines, etc.
- PLV-0104-80 valves are suitable for RO water systems
- Acetyl body, complete with speedfit connections, 1/4" tube
- Easy Installation
- Mounting bracket included
- Guaranteed for 12 Months



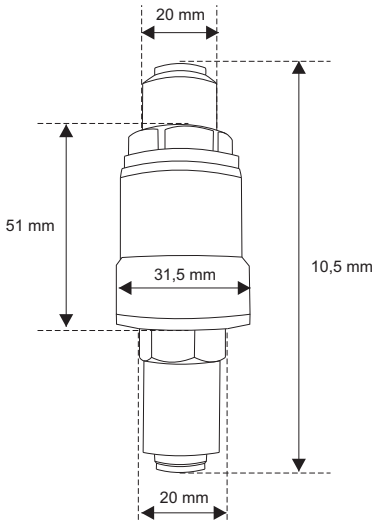
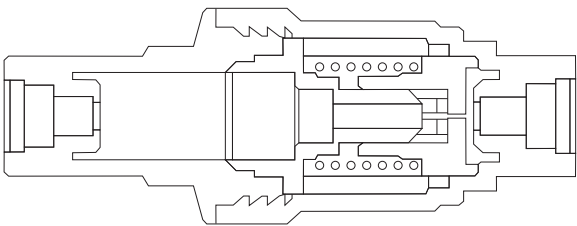


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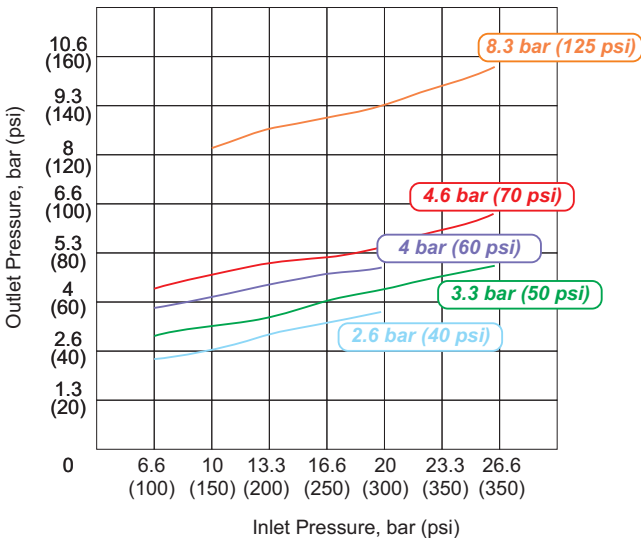
# PLV-0104 SERIES

## PRESSURE LIMITING VALVE

Schematic Diagram



1/4" Tube Inlet/Outlet



Specification:

- Flow rate: 7.5 lpm (1.98 gpm) at 6.5 bar (100 psi) inlet pressure
- Outlet pressure (bar): 2.6, 3.3, 4, 4.6, 5.3, 8.3 +/-10% at 10 psi
- Outlet pressure (psi): 40, 50, 60, 70, 80, 125 +25 /-10% at 150 psi
- Max inlet pressure: 15.3 bar (230 psi)
- Working temperature: 2°C - 23°C (35°F - 73.4°F)

Description

- 3.3 bar (50 psi) Aquafilter 1/4" QC PLV-0104-50
- 5.3 bar (80 psi) Aquafilter 1/4" QC PLV-0104-80

Part #

Important Notice:

Under counter and Reverse Osmosis filter systems are designed with a maximum working pressure of around 6 bar - 6.3 bar (90 psi - 95 psi).

It's important that you know that municipal water supplies occasionally or often have "water pressure spikes". These spikes can go over 9.3 bar (140 psi).

Pressure spikes above 6.6 (100 psi) will damage your system, result in a water leak, and will VOID your warranty. (We will test for this if the product is returned).

When you buy one of these filter systems you are obligated to either find out what your water service pressure is- or install one of these inexpensive **Aquafilter Pressure Limiting Valves (PLV)**.

This Pressure Limiting Valve by **Aquafilter** will protect everything downstream by limiting the water pressure to 5.3 bar (80 psi). Simple yet totally effective.

Installs in a matter of seconds by cutting the 1/4" tubing going into your filter system and shoving the cut ends firmly into the Quick Connect openings at each end. That's it! It locks tight and produces a secure high pressure connection that won't come loose!

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