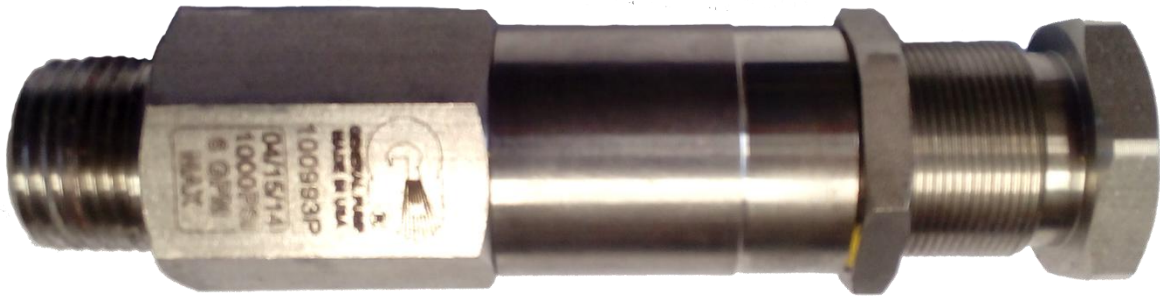




Resetting your Pressure Relief Valve



The Pressure Relief Valve is a safety release which protects your system from an over-pressure event. While the nominal operating pressure is 800psi, the high pressure pump is capable of building to pressure to more than twice that. To protect the other system components, the pressure relief valve will open to dump the pressure, when it climbs above the safety threshold of 1050psi. Each pressure relief valve is tested and set in our factory, prior to being fit to the high pressure pump.

The pressure relief valve is regulated by a stainless steel spring. Stainless springs do not have the 'memory' that a normal high carbon steel spring has. As such, the pressure relief valve may need to be reset once or twice during the life of your watermaker.

You can tell that your pressure relief valve needs to be reset when the system suddenly drops in pressure to something around 200psi. This usually happens when you are dialling in pressure, on the way to 800psi.

To reset the valve, follow these steps.

1. Remove the hose from the pressure relief valve (on the high pressure pump) and plug the end. This hose is T'd into the discharge circuit, so plugging it will be required to prevent discharge water from spilling out.

