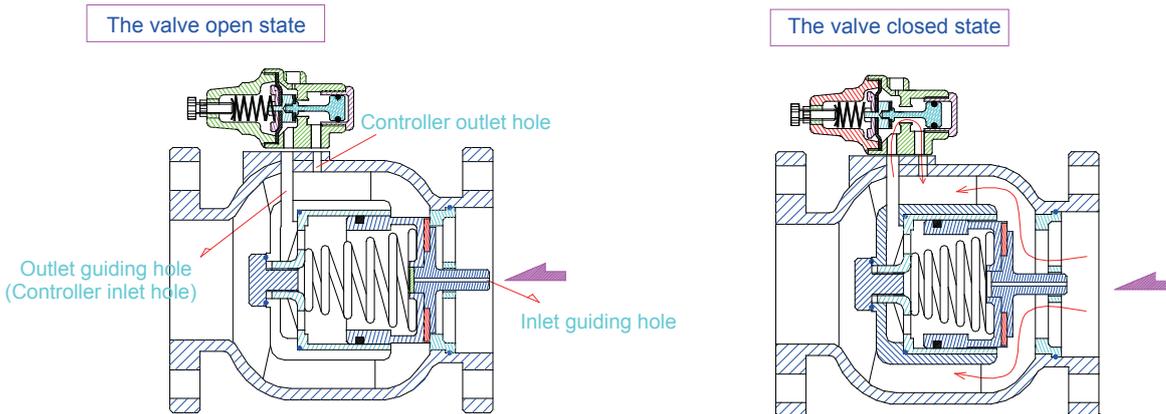


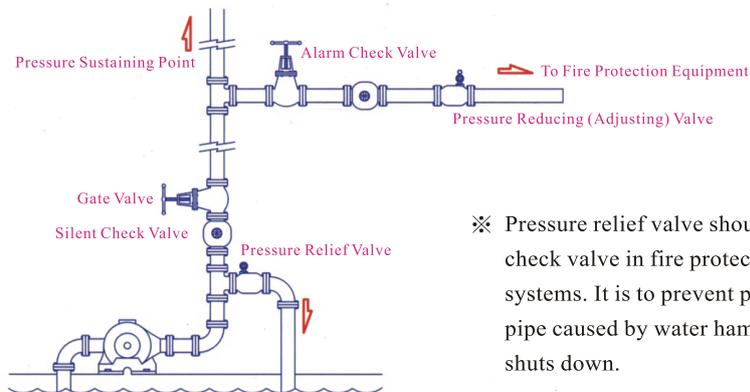
Z-TIDE VALVES INDUSTRIAL CO., LTD

The Installation of Pressure Relief Valve

1. Confirm the valve's function.
2. Make sure there is no impurity inside the pipeline.
3. Installing a filter before valve in case the impurity jams the valve.
4. Installing the valve between two on/off valves is easy for maintain the valve.
5. Check the installation direction of the main valve.
6. Vertical and horizontal installation is acceptable, make sure there is enough space for maintain the valve.



Pressure Relief Valve Installed in Fire Protection Pressure Sustaining System :



※ Pressure relief valve should be installed under check valve in fire protection or pressure sustaining systems. It is to prevent pressure drop inside the pipe caused by water hammer effect when pump shuts down.

Adjustment of Pressure Sustaining Controller:

1. Open the control valve before the pressure sustaining valve.
2. Loose the controller adjustment screw.
3. The gauge of pressure sustaining valve shows the inlet pressure.
4. Adjust the controller adjustment screw to set the require pressure.
5. Tighten the fastening nut.

Breakdown Elimination

Feature	Cause	Solution
Valve Gate cannot be open	Inlet pressure too low	Add inlet pressure or change the valve's spring (consult with us)
	The valve's gate is jammed by impurity	Clean the gate
	Sealing is broken	Replace the sealing
	The shaft loosen	Make the shaft to right position(consult with us)

Attention : Make sure the on/off valve before relief valve is closed and release the pressure inside the pipe before maintain the valve.