

# Vacuum Negative Pressure - Lined Safety Valve

Model: EYFA72PFA-10P/R

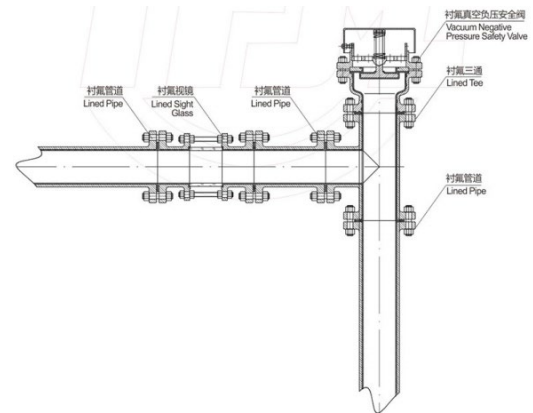
At present, due to operator error or other reasons caused by pipe has a sudden negative pressure, the lining material is fell off, and the drum is sucked, the expansion is deformed and so on, then to cause great economic loss or other accidents.

In order to solve this problem, our company has developed a special research on the vacuum negative pressure lined, to ensure that negative pressure in the pipeline (or more than the specified negative value).



## Working Principal

Vacuum negative pressure lined safety valve is applicable for negative pressure system in temperature  $\leq 180^{\circ}$  C. When the value of negative pressure in the container or pipeline system exceed the allowable value, the pressure of the disc and the upward pull of the spring force disc tightly close to the seat, to ensure the media does not leak. When the container and discharge valve is not open, results in negative pressure, the vacuum negative pressure safety valve will automatically open to ensure that the device is not damaged.



|                           |                            |                                  |                                      |
|---------------------------|----------------------------|----------------------------------|--------------------------------------|
| <b>Temperature Range</b>  | $\leq 180^{\circ}\text{C}$ | <b>Speak Detection Voltage</b>   | 15KV                                 |
| <b>Strength Test</b>      | 1.5                        | <b>Applicable Medium</b>         | Acid, alkali, salt & other corrosive |
| <b>Water Sealing Test</b> | 1.1                        | <b>Negative Pressure Opening</b> | $\geq 9.0$ MPa                       |
| <b>Air Sealing Test</b>   | 0.6                        | <b>Material</b>                  | SS304/PFA, 1Cr18Ni9Ti, 50CrVA        |

Vacuum negative pressure lined safety valve applicable for all the negative pressure of the pipeline and equipment system in temperature ; It can also be installed in the normal non-negative presure equipment and pipeline system. When the negative pressure in the container or pipe is less then the allowable valve, the valve automatically opens to inhale air, balance system, internal negative pressure differential pressure. when the negative pressure in the system to reach the value of the safety valve.