

## TRI-CLAMP VACUUM&PRESSURE RELIEF SAFETY VALVE -(PRV-5)



Pressure vacuum relief valve is mainly used in beer tanks, Set pressure can be modified per customer's requirement. They have two functions.

#1 :From the Pressure side, when the valve is normally closed and the tank pressure exceeds the rated pressure (set at 14.5PSI/1bar as default) on the outside of the valve, the valve automatically opens and vents air to atmosphere.

#2: From the Vacuum side, when the valve is normally closed and there is vacuum in the tank (set at -13PSI/-0.9bar as default) , the vacuum piston inside the valve opens automatically and draws air into the tank. In return, this keeps the pressure inside and outside the tank balanced.

### Design and features

- Seal material: EPDM, Silicone or Viton (FPM)
- Positive pressure: 7.3-29PSI (0.5-2 bar), 14.5PSI (1bar) as default.
- Negative pressure (vacuum): 4.35-13PSI (0.3-0.9 bar), 13PSI (0.9bar) as default.
- Temperature range: -22°F to 266°F (-10 °C to 130 °C )
- Finish: Ra 16-32µin (0.4-0.8µm),

Size	D1	D	H	A
1½"	50.5	38.9	84.1	43.9
2"	64	47.5	84.1	51.1
2½"	77.5	57.9	95	63

