

Excess Pressure / Low Pressure Valve

Protection against pressure conditions



The STAG Excess Pressure / Low Pressure Valve is used as protection against excessively high or low pressure conditions in tanks and silos.



Function

If the overpressure in the container is too high, the weight in the overpressure section is pushed upwards, air escapes and the pressure drops. The escaping exhaust air is guided to a desired location via a connected pipe. This is important if the exhaust air, which is also contaminated with dust, must not simply be discharged into the environment.

If the vacuum in the container is too low, the weight in the vacuum section is lifted upwards, air flows into the container from the surroundings and the pressure rises.

USPs

- Adjustable, weight-loaded operating principle
 - Lightweight, modular design
 - Response overpressure: +25 to +100 mbar
 - Response vacuum: -15 to -100 mbar
 - Temperatures of bulk materials up to 200° C due to different sealing materials
 - Materials in steel or stainless steel
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View from the side



View from above

