

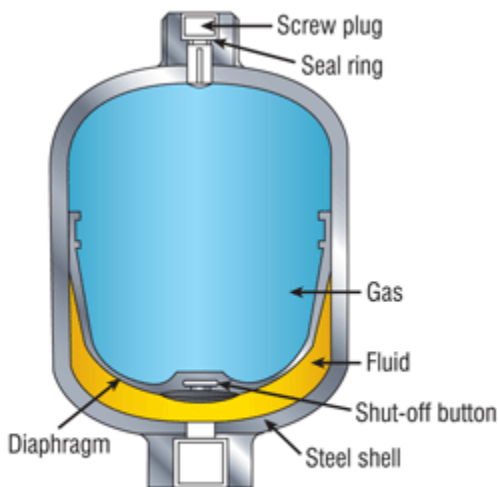
Applications of Diaphragm Accumulator In PIPENET

The original accumulator model (simple type) in PIPENET did not have a diaphragm to contain gas medium. This structure is usually used in large tanks.



Generally a simple type accumulator does not allow draining because it is undesirable for gas to escape to the network. PIPENET will terminate the calculation automatically if this happens.

Some accumulators can't drain because gas is sealed in a diaphragm. PIPENET VISION 1.8.0 Transient Module enhances the existing model by introducing the diaphragm type accumulator.



Diaphragm Accumulator

In some cases, the diaphragm accumulator is used to model dead-ends in a dry deluge system. This ensures the calculation continues smoothly where the simple accumulator is used with network dead-ends. This makes modelling in PIPENET even more flexible.

