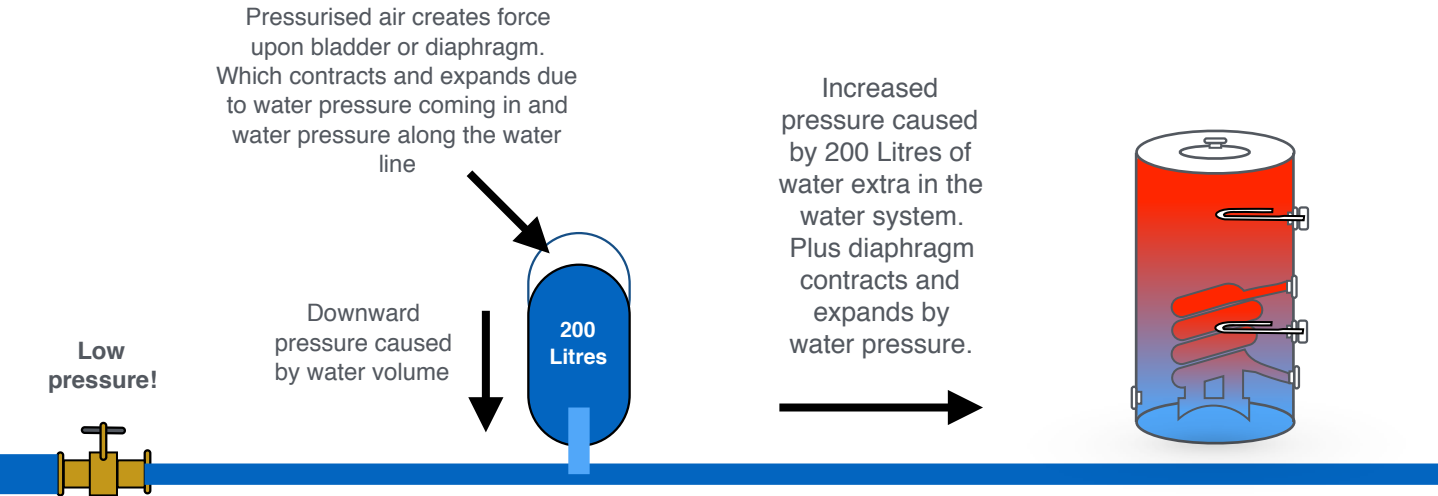
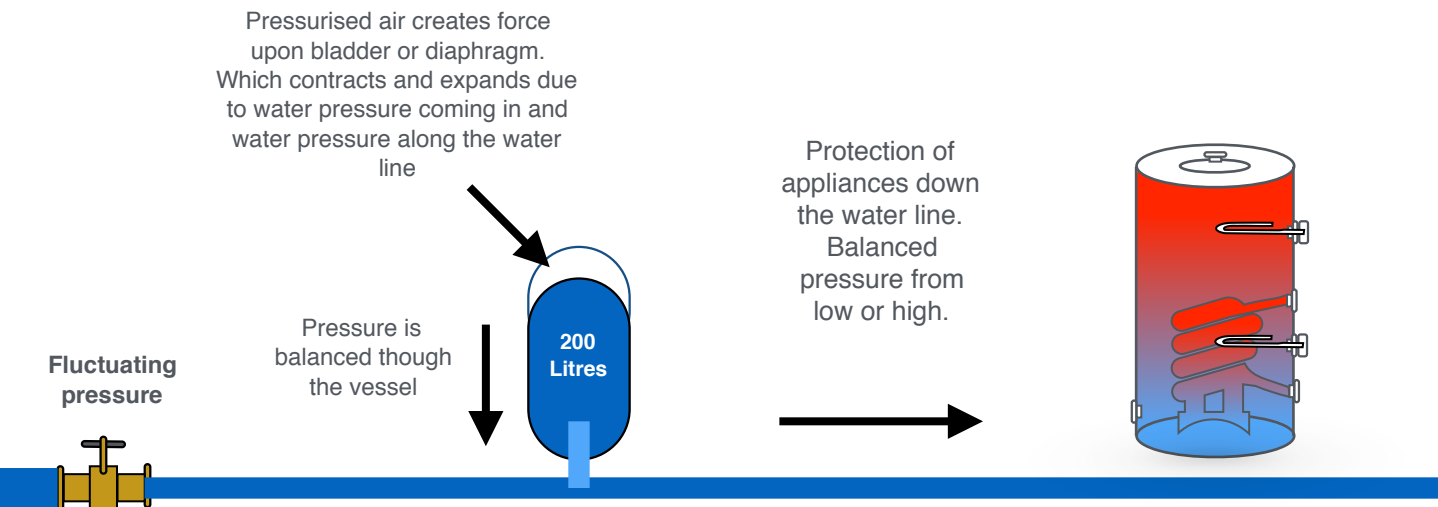


What is an accumulator and buffer tank?

Accumulators are exactly what the name suggests. They accumulate water pressure to then increase it further down the line. By placing a larger body of water on a water supply line, it naturally accumulates pressure. By using an expansion vessel you increase pressure by using the diaphragm to push and pull the water. A pump can also be used to push the water after the accumulator as it is against the law to boost the mains directly. A break tank or buffer is used to conform to regulations.



Buffer Tanks are exactly what the name suggests. They protect appliances down the water and stop pressure damaging the appliances. A buffer tank keeps a consistent pressure and can absorb low or high pressure changes.



FlowThru Tanks are exactly what the name suggests. There is a potential problem with the fact that the water in any pressurised storage tank never gets actually moved or blended. An example of this would be an Unvented Cylinder expansion vessel which is a secondary fail safe and once filled probably never gets serviced correctly and the water remains inside for its whole life. Any pressure tank that does not have internal water mixing could potentially have bacteria creation. FlowThru allows for the mixing of the water contained within the tank to stop bacterial build up.

