

Altitude control valve Mod. XLC 470



The CSA XLC 470 altitude control valve will maintain the level of a water tower or a tank, regardless of upstream pressure variations, acting proportionally with an accuracy of few cm of water column.

The modulating control ensures a smooth regulation and absence of water hammer, as the valve will react proportionally to the variations in demand.

Most popular configurations

XLC 427	Upstream pressure sustaining altitude control valve
XLC 470-FR	Altitude control valve with back-flow prevention mechanism
XLC 475	Altitude valve with on-off solenoid control

Installation lay-out

The picture below shows the recommended installation layout of XLC 470, where the control is obtained without any external piping and simply through a pilot sensing the static pressure coming from the water tower. A minimum of 4 meters static pressure, in addition to head loss during valve's opening, will be needed to make this model work properly.

