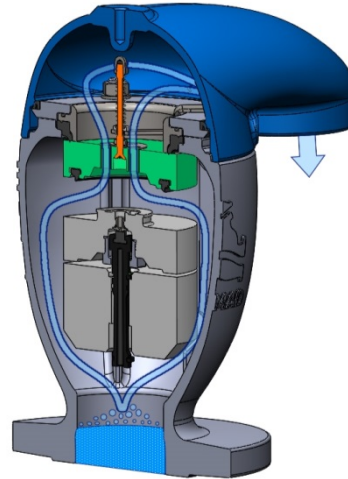


C70-AC – Combination Air Valve with Assisted Closing feature

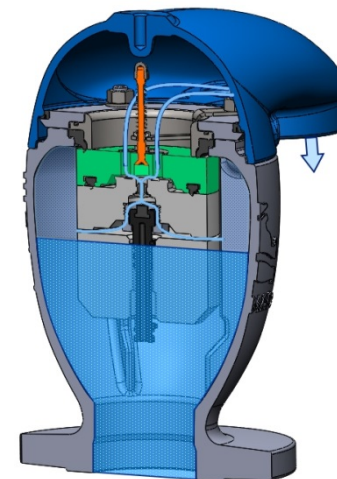
Air Relief

During pipe filling, air is evacuated through the smaller holes of the Surge Protection Disc, limiting the flow to prevent slamming of the float and minimize surges in the system. The Surge Protection Disc is held up, closing the Kinetic Orifice, by means of a top spring in the Assisted Closing Assembly.



Air Release

During normal operation, when pipe is pressurized, accumulating air is released through the Automatic Orifice. Exactly as in the basic C70 model.



Air Intake

During pipe draining, large amounts of air are enabled to flow in, through the Kinetic Orifice, providing protection from vacuum conditions. The Surge Protection Disc is pushed down, away from the Kinetic Orifice, by the inflow of the air.

