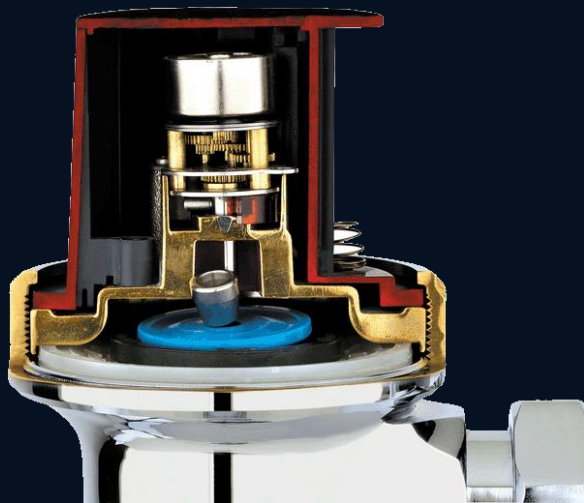


WATER CONSERVATION THROUGH INNOVATION

MICRO-CAM TECHNOLOGY

The Revolutionary BRV[®] Mechanism of the HYBRIDFLUSH[®]



Technology Background

Commercial manual flush valve and faucet designs have been around for over 100 years and have proven to be reliable over time with minimal maintenance. Touch-free electronic flush valves and faucets have become more popular in the last few years but lack the reliability of a manual fixture. The reason for this is that most electronic flush valve and faucet systems were designed using solenoids as the triggering mechanism. A solenoid is an electro-magnetic triggering mechanism that corrodes over time leading to product failure and increased maintenance costs.

In 2002, AMTC set out to develop a permanent solution to faulty solenoids. After extensive R&D, the company developed Micro-Cam Technology as a revolutionary solution, establishing a new standard of reliability in plumbing automation.

AMTC's Revolutionary Micro-Cam Technology

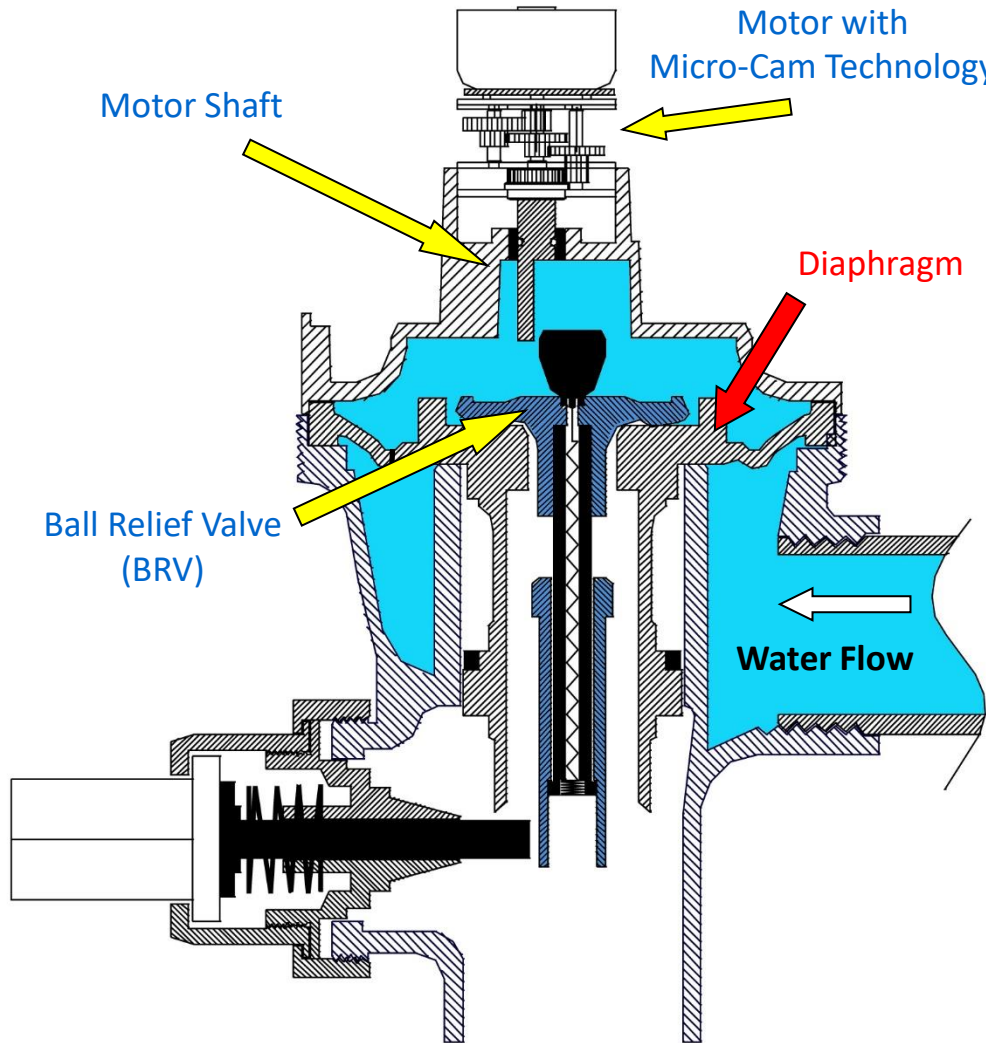
AMTC developed the HYBRIDFLUSH® touch-free sensor flush valve and HYBRIDFLO® touch-free sensor faucet systems using proprietary Micro-Cam Technology. This motor technology would eventually become the standard across AMTC's entire product line.

The HYBRIDFLUSH® is a revolutionary flush valve that not only uses micro-cam technology but also includes a back-up flushing option by way of a mechanical flush handle or push button. That means that the urinal or toilet is still able to flush manually without battery or electrical power.

The following pages detail how AMTC's revolutionary Micro-Cam Technology operates inside the HYBRIDFLUSH® flush valve.



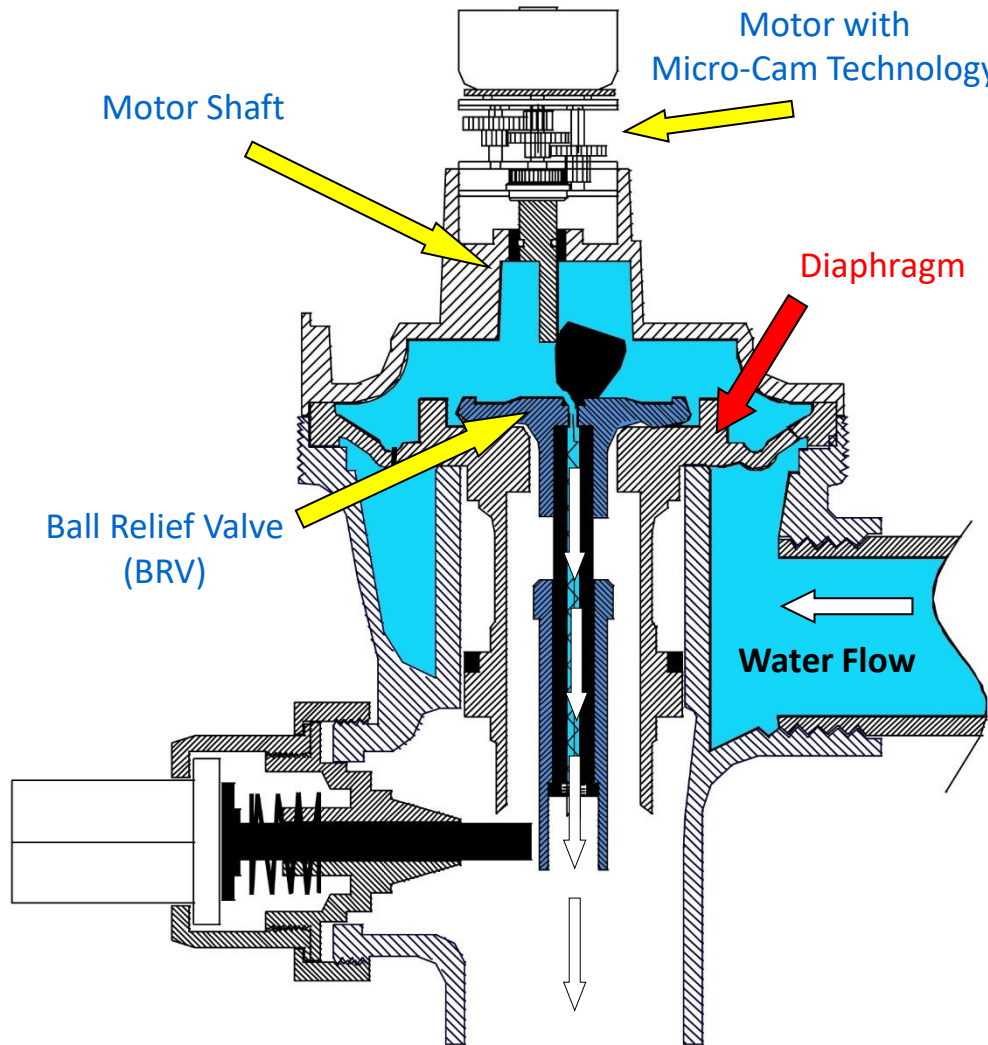
HYBRIDFLUSH® Automatic Flush Mechanism



Flush valve is closed and ready for use.



HYBRIDFLUSH[®] Automatic Flush Mechanism

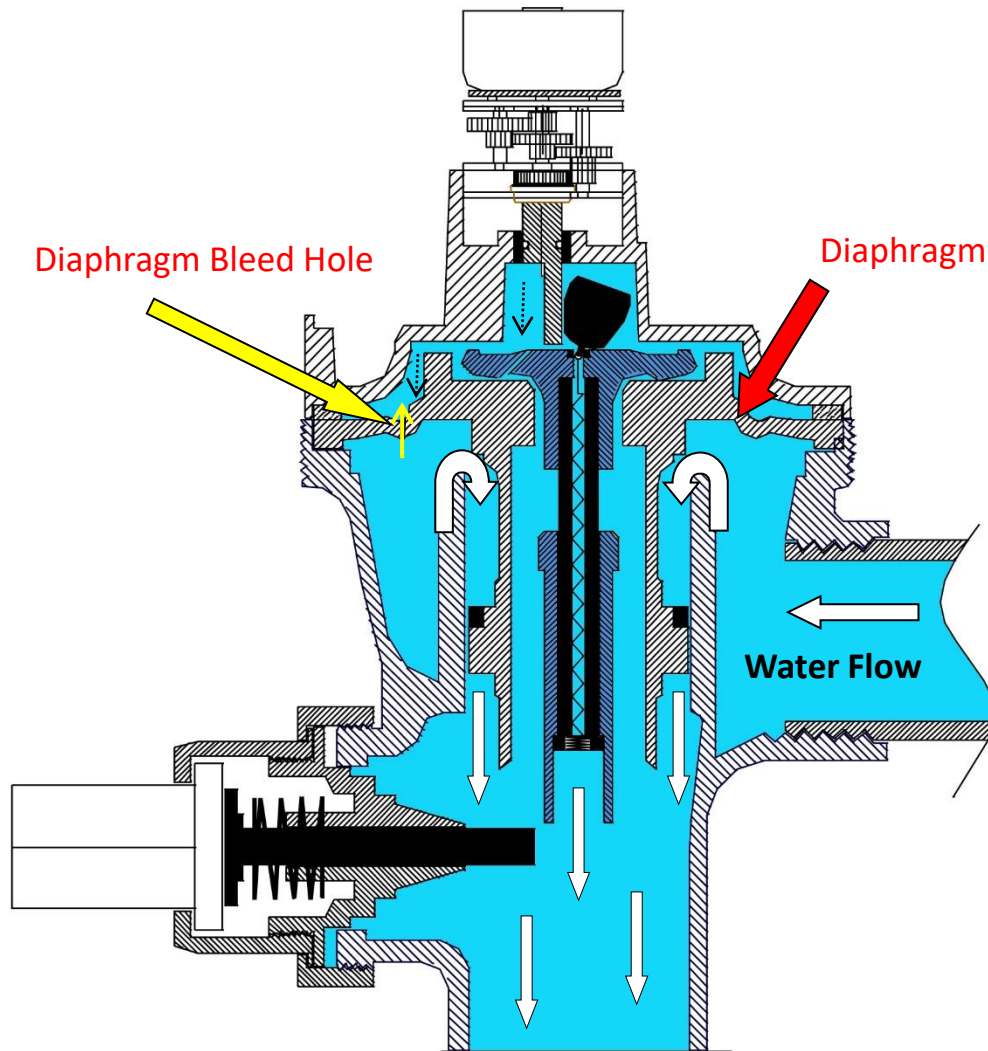


Motor shaft rotates, triggering the Ball Relief Valve (BRV) to open position.

Pressure is released through the center of the (BRV) and the flush is activated.



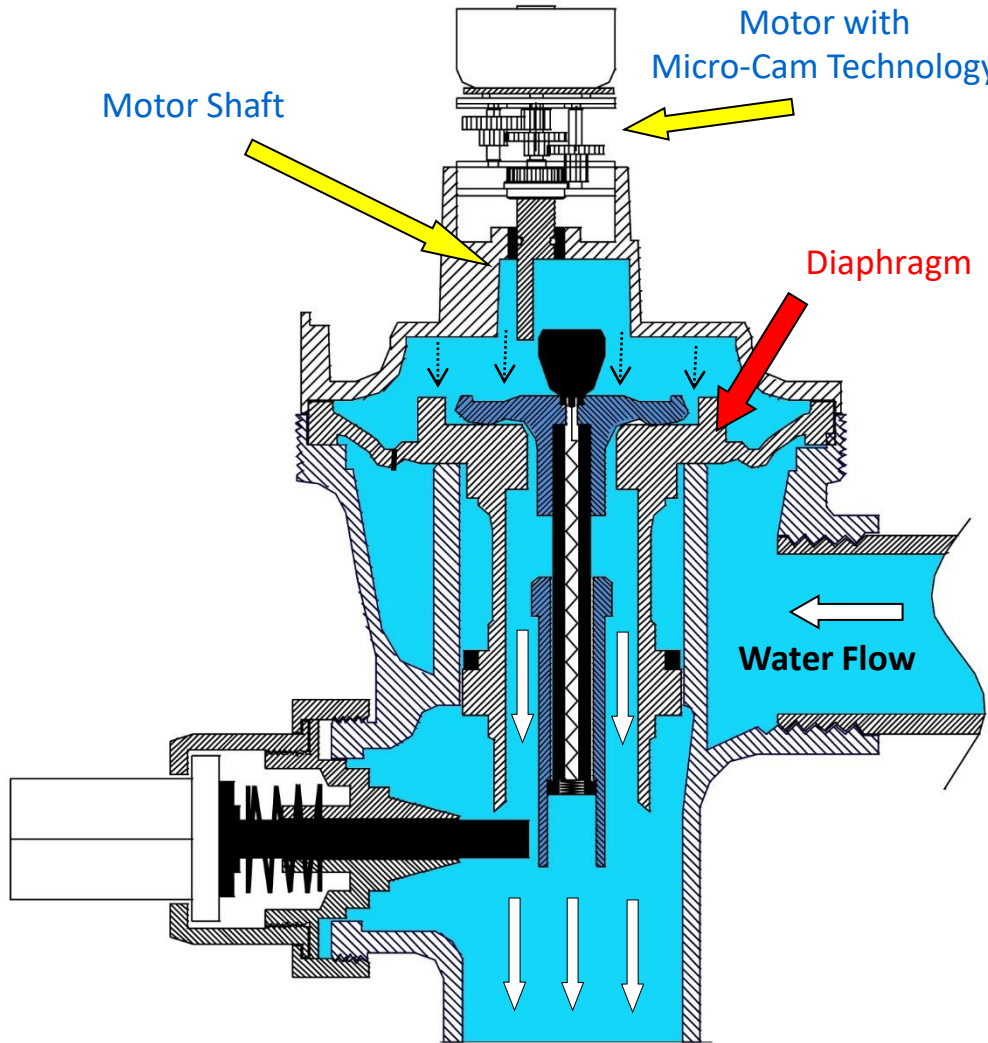
HYBRIDFLUSH® Automatic Flush Mechanism



Diaphragm is pushed upward by water pressure and water flushes down the outlet bore.



HYBRIDFLUSH® Automatic Flush Mechanism

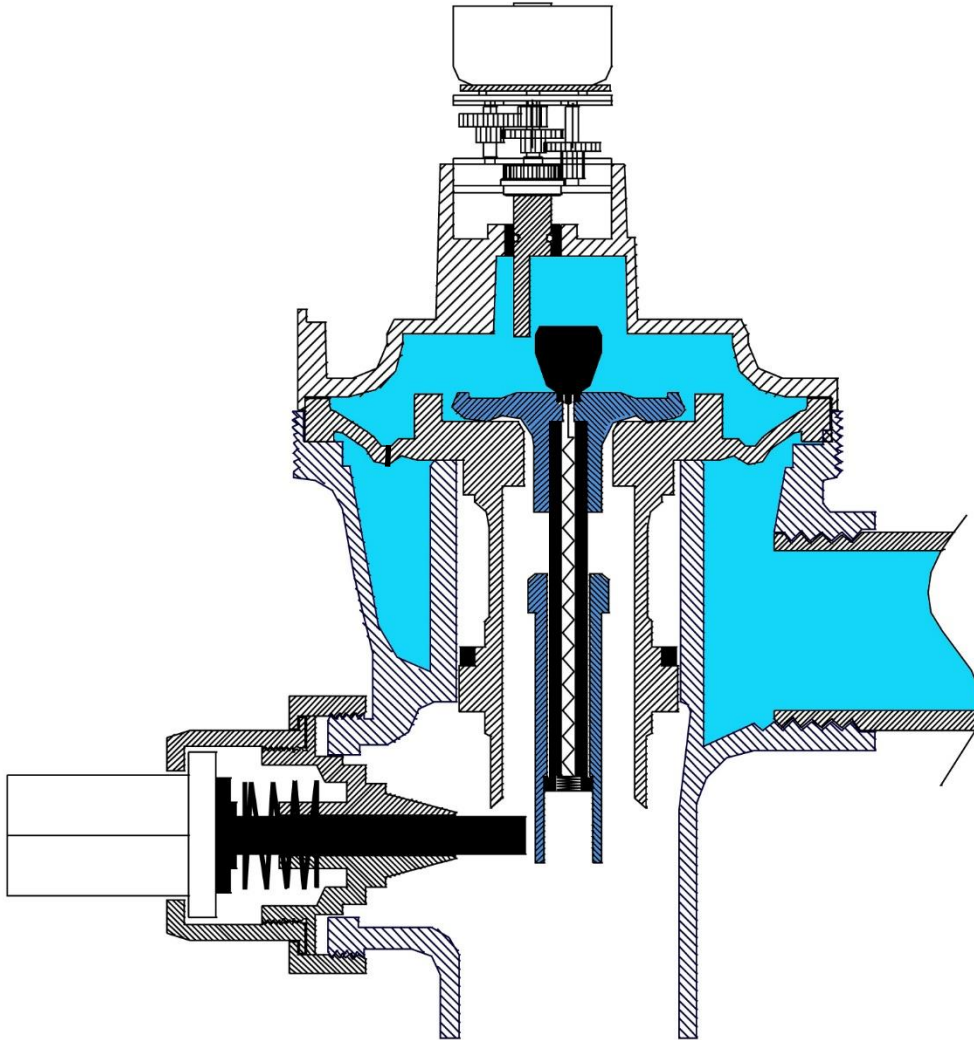


Motor shaft rotates back to closed position.

Top pressure pushes down the diaphragm to create a seal and flush is complete.



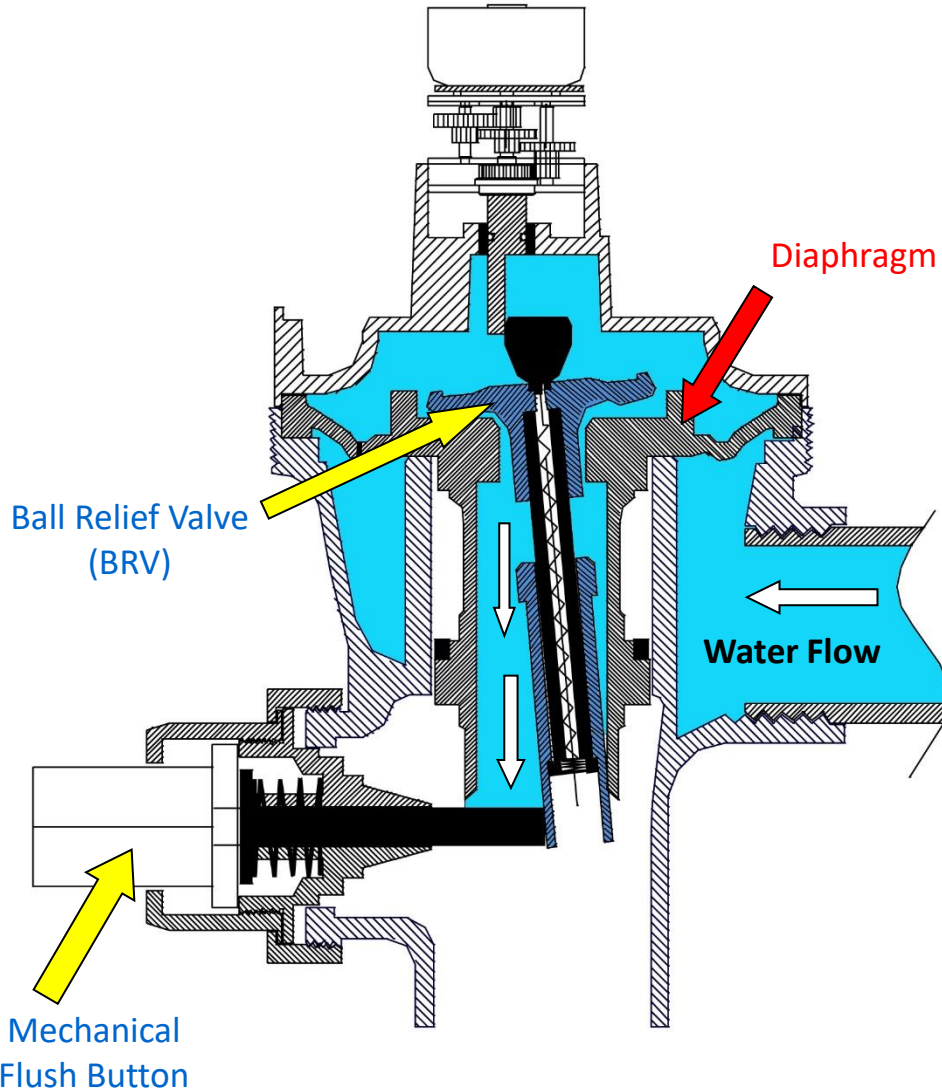
HYBRIDFLUSH® Automatic Flush Mechanism



Flush valve is ready for next use.



HYBRIDFLUSH[®] Mechanical Flush Mechanism

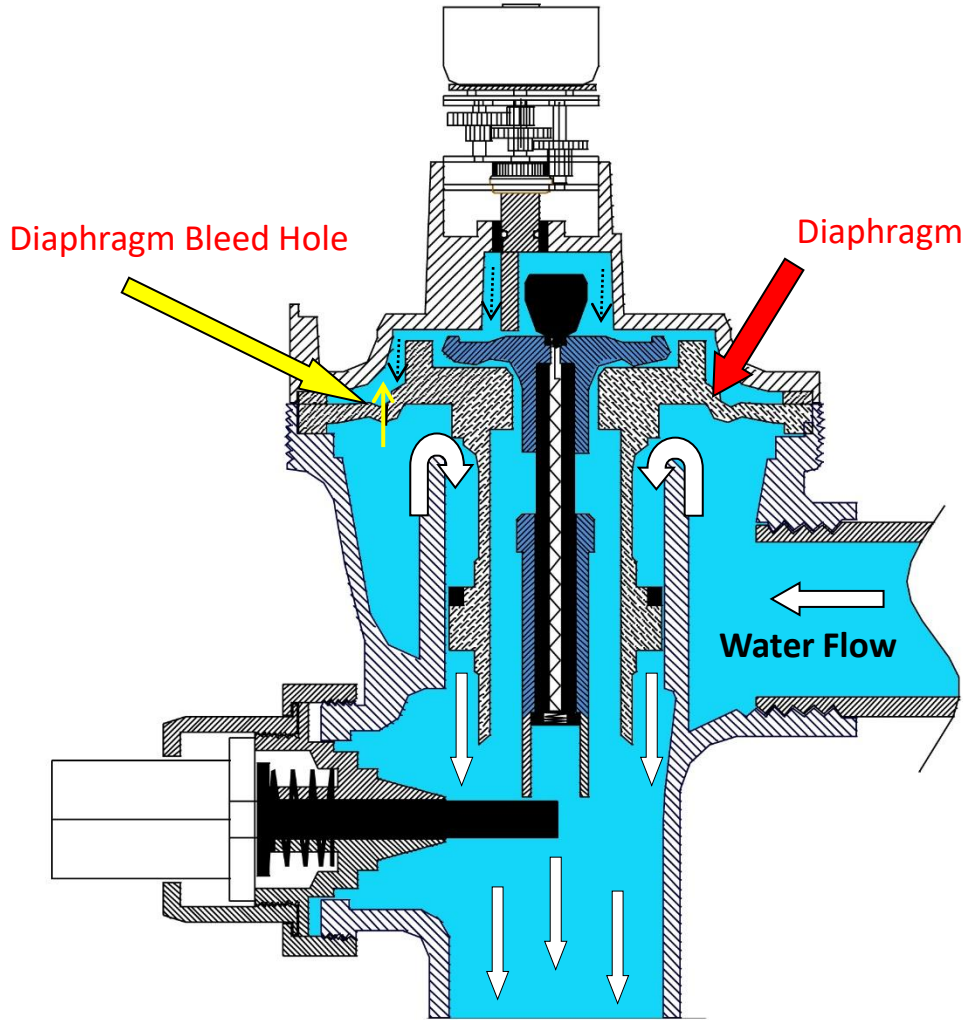


Flush button is pressed, triggering the Ball Relief Valve (BRV) to open position.

Pressure is released through the side of the (BRV) and the flush is activated.



HYBRIDFLUSH® Mechanical Flush Mechanism

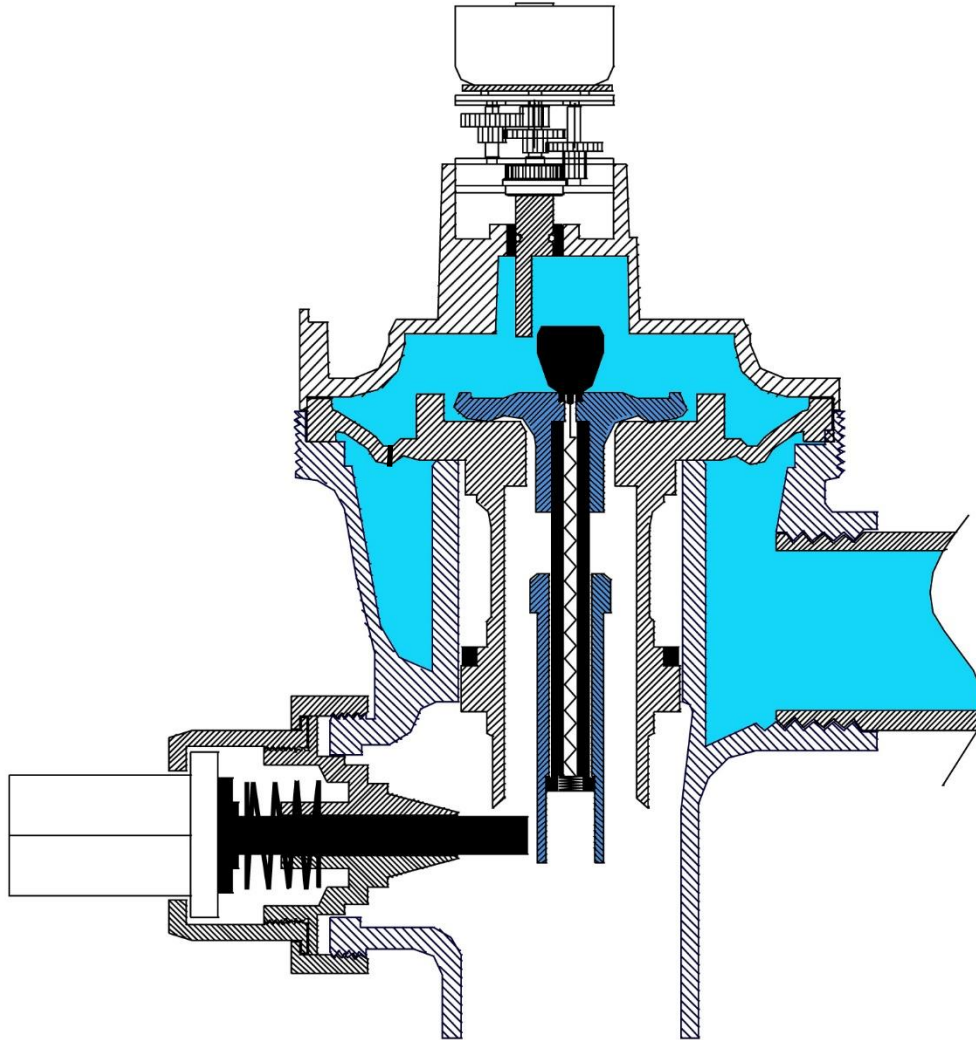


Diaphragm is pushed upward by water pressure and water flushes down the outlet bore.

Top pressure pushes down the diaphragm to create a seal and flush is complete.

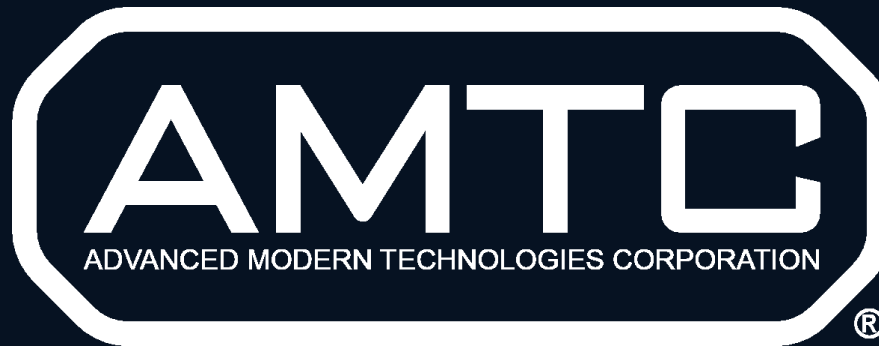


HYBRIDFLUSH® Mechanical Flush Mechanism



Flush valve is ready for next use.





WATER CONSERVATION THROUGH INNOVATION

Advanced Modern Technologies Corporation
8367 Canoga Ave., Canoga Park, CA 91304

Tel: (818) 883-2682

Toll Free: (800) 874-7822

Fax: (818) 883-2620

Email: Sales@AmtCorporation.com

Web: www.AmtCorporation.com