



Superior Vibration Management for Severe-Duty Environments

Pulsation Mitigation Experts

CoorsTek engineers thoroughly understand the causes of water hammer conditions and how to effectively, efficiently, and reliably mitigate this problem to extend the life of valves, meters, control instrumentation, and gauges.

“Water Hammer” occurs when moving fluid reverses due to a quick closing valve or sudden pump shutdown. The fluid is forced to stop forward motion and reverse direction — creating a powerful and destructive propagating wave within your piping system.

Combines Proven Technologies

CoorsTek combined two widely expected dampener technologies, spherical and appendage, into one extremely capable pulsation arrestor isolating and mitigating fluid pound for applicable industries. This patented and proven technology:

- Attenuates water hammer, fluid surge to manageable levels
- Performs with minimal pressure drop across the unit
- Can be ASME U stamped and certified upon request

Severe-duty Materials

CoorsTek is known as a materials expert and utilizing this strength to ensure reliable performance. The standard RD-Series pulsation arrestors are constructed with resilient carbon steel. For exceptionally hostile environments, CoorsTek offers exotic materials to accommodate your individual fluid handling scenarios.

Extremely versatile

RD-Series Arrestors may be mounted within virtually any pipeline or facility configuration. Other benefits include:

- Reduces operating costs
- Extends life for valves, piping, meters, control instrumentation, and gauges
- Virtually eliminates destructive “fluid pound” to weld connections and support structures



RD-Series Pipeline Water Hammer Arrestors

Broad Range of Systems

With an extensive line of pulsation and surge dampeners and stabilizers, CoorsTek has the right equipment for your application.

About CoorsTek

CoorsTek combines advanced material technologies, precision manufacturing, and decades of engineering experience to solve real-world challenges in the energy, security & defense, industrial machinery, and other markets. Whether your company is global or domestic, CoorsTek works to serve you locally — supporting your business with over 500,000 square meters of manufacturing space in over 50 locations across four continents. Our customer focus is the reason we have become the world's leading manufacturer of engineered ceramics and advanced materials, the partner of choice to more than 10,000 technology and manufacturing customers in 70 countries. With more than 6,000 dedicated employees, we're ready to help you with your next project.

Any suggested applications are not made as a representation or warranty that the product will ultimately be suitable for such applications. The customer is ultimately responsible for all design and product suitability decisions. Any warranty or representation for which CoorsTek is responsible shall be subject to a separately negotiated agreement. CoorsTek is a registered trademark of CoorsTek, Inc. There is a patent pending for RD-Series Water Hammer Arrestors.



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