



Dependable & Efficient Pulsation Mitigation

Pulsation Management Expertise

CoorsTek understands severe-service fluid handling systems. Partnering with design, facility, and maintenance engineers, we are able to optimize system productivity prolonging product and equipment life.

The maintenance-friendly CT-Series dampener allows for quick field repairs and advanced bladder design prevents bladder damage during replacement:

- Damage-resistant bladder replacement
- Fast and easy field maintenance
- ASME U certification available

Extremely Durable Materials

Our standard CT-Series pulsation dampeners are constructed with carbon steel, stainless steel base plates and nitrile bladders.

Versatile — Mounts on Almost any Pipeline or System

- Reduces maintenance costs
- Mitigates “fluid pound” to manageable levels which extends life for valves, fittings, meters, control instruments, gauges, and other components
- Eliminates difficult installation and bladder extrusion

Replacement Bladders & Kits

CoorsTek provides high-quality replacement bladders and charging kits to ensure proper fit and function.

Compact, Stable and Proven Design

Unique in design and construction, the CT-Series pulsation dampeners and stabilizers provide reliable service:

- Short, compact, self-supported — requires no external bracing or supporting structures
- Isolated body cavity contains fluid within solid, durable diaphragm
- Robust diaphragms — nitrile (NBR) and hydrogenated nitrile (HNBR) diaphragms



CT-Series pulsation products

- Replaceable bottom plate — available in carbon steel and stainless steel
- Rated from 285 psig to 6170 psig
- Extremely durable charging valve assembly
- High pre-charge capability provides maximum reduction in peak-to-peak performance
- Meets or exceeds API 674 requirements

About CoorsTek

With over 50 locations across four continents, Coorstek is the international partner of choice for companies requiring the unique, high-performance properties of engineered technical ceramics. CoorsTek utilizes over 300 proprietary ceramic formulas to manufacture standard and custom components for virtually every industry in the global economy.

	MODEL											
	CT 1-285	CT 1-1480	CT 1-3705	CT 2 1/2 285	CT 2 1/2 1480	CT 2 1/2 3705	CT-5-285	CT-5-1480	CT-5-3705	CT 10-285	CT 10-1480	CT 10-3705
Volume (gallons)	1	1	1	2 1/2	2 1/2	2 1/2	5	5	5	10	10	10
MAWP (psig)	285	1480	3705	285	1480	3705	285	1480	3705	285	1480	3705



Note: Engineering data is representative. Product dimensions and performance values vary somewhat with method of manufacture, size, and shape of part. 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. Data contained herein is not to be construed as absolute and does not constitute a representation or warranty for which CoorsTek assumes legal responsibility. 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.

Americas

+1 303 271 7100 tel
+1 855 929 7100 toll free in USA
www.coorstek.com
info@coorstek.com

Europe

+49 160 530 3768
infoeurope@coorstek.com

Japan

+1 81 3 5437 8411
japaninfo@coorstek.com

China

+86 21 6232 1125
info_shanghai@coorstek.com

Korea

+82 31 613 2946
koreainfo@coorstek.com