



Charge Free Stabilizer™

SUCTION STABILIZER FOR RECIPROCATING PUMPS

WE WILL OUTPERFORM YOUR EXPECTATIONS

Why choose the CFS?

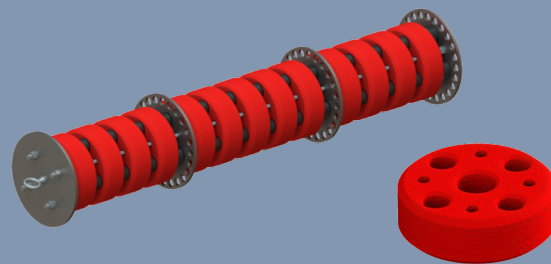
- ❖ **HIGH ENERGY ABSORPTION**
Utilizes both compression and kinetic exchange methods for energy consumption.
- ❖ **LARGE UTILIZABLE SURFACE AREA**
13 large ported disks allows pumped media to encapsulate 100% of the surface area on the compression disks.
- ❖ **INTERCHANGEABLE CONNECTION**
Housing can be exchanged to support multiple applications and connection sizes.
- ❖ **100% CORROSION RESISTANT**
All surfaces are treated for corrosion resistance both inside and out.
- ❖ **NO NITROGEN REQUIRED**
Only dampener designed to utilize the superior performance of Sigma's CFC Kit.

TECHNICAL DETAILS

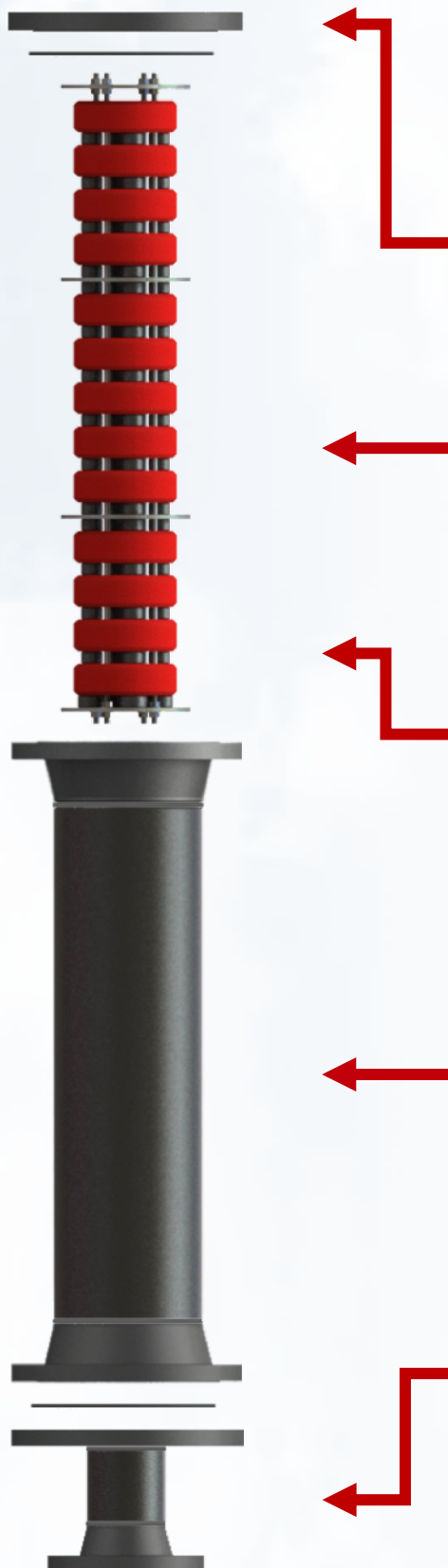
- ✓ 150 psig maximum operational pressure
- ✓ Made in America
- ✓ Standard 4" ANSI Connection – interchangeable connection assembly
- ✓ No gauges, charge valves, or charging expendables
- ✓ Designed to ASME code

What's in the CFS?

Sigma's Charge Free Stabilizer™ comes with an installed Suction Charge Free Conversion Kit®.



The CFC Kit does not use a bladder or gases; rather, it utilizes column that contains a layered system of compression discs.



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COVER PLATE

Easy access to compression column and internals.

CFC KIT DISCS

Ported, compression-tuned and layered discs. The discs have a proprietary Sigma-Shield™, and are designed to maximize surface area and kinetic exchange.

CFC KIT COMPRESSION COLUMN

Compression column designed to maximize the energy consumption through the use of ported compressible disks and a high kinetic exchange rate between pumped media and Sigma's Charge Free Kit.

CFS BODY

Charge Free Suction Stabilizer designed to ASME div I code. Constructed to be capable of operational pressure up to 150 psi. corrosion resistant coating applied both inside and out.

CONNECTION ASSEMBLY

Interchangeable. Connection assembly comes standard with 4" ANSI 150 connection, but can be interchanged to accommodate multiple size connections.

