

**SIGMA** WILL CHANGE  
THE WAY YOU LOOK AT  
**PULSATION CONTROL**  
FOR YOUR PUMP

# SUCTION CHARGE FREE CONVERSION KIT®

**SIGMA**  
DRILLING TECHNOLOGIES

## FIT IT AND FORGET IT

Convert stabilizer into a charge free unit. This exciting system will give you all of the combined perks of existing suction solutions without all of their limitations. Introducing the Suction Charge Free Conversion Kit®, or the S-CFC Kit by Sigma Drilling Technologies.

- ✓ Zero Regular Maintenance Required
- ✓ Performance Gains from Your Equipment
- ✓ Safer Operations with No Nitrogen
- ✓ Better Isolation for Charge and Recip Pumps
- ✓ Knocks Out Expensive Cartridge Failures
- ✓ Eliminates Need for Pump Skid Redesigns
- ✓ Saves You Time, Hassle, and Money

The Suction Charge Free Conversion Kit® will easily install in nearly all known gas cartridge suction stabilizers currently being used in drilling applications. Instead of continually changing cartridges out in your existing suction stabilizers, you can upgrade and convert to a maintenance free option that delivers superior performance. It's as easy as replacing your cartridge in your existing equipment with Sigma's . . .

## SUCTION CHARGE FREE CONVERSION KIT®



281-656-9298



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## SIGMA CREATES A WHOLE NEW CATEGORY OF PULSATION CONTROL

The Suction Charge Free Conversion Kit solves the operational problems common to gas filled cartridges. The Sigma S-CFC Kit does not use a cartridge or gases. Rather, it utilizes a compression column that contains a layered system of compression discs.

The discs are specially molded to compress in a preset pressure range. The pumping fluid enters the suction stabilizer and incases and interweaves through the network of compression discs. The operating pressure of the system is uniformly applied across the entire surface of the disc, causing the discs to compress under pressure load. The compression of the discs provides an attenuation of system induced pressure spikes.

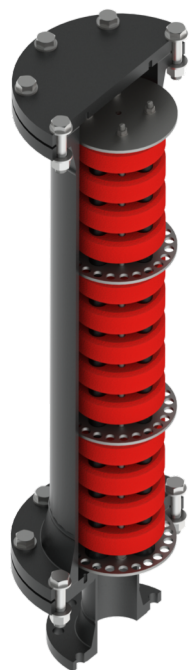
## WHAT EXACTLY IS THE SIGMA S-CFC KIT?

The compression discs are molded specifically for suction line pressure ranges. The compression column contains a mix of layered discs and NBR spacers, providing exceptional kinetic exchange rates.

The Suction Charge Free Conversion Kit provides effective energy consumption and operates reliably by eliminating dependence on gas filled cartridges.

SIGMA

DRILLING TECHNOLOGIES



The suction Charge Free Conversion Kit® is proven acceptable for all known drilling fluids, from invert applications to water based muds.

## SUCTION CHARGE FREE CONVERSION KIT®

Sigma's suction CFC Kit will last in extreme conditions for extended lengths of time, with replacement only needed every 12 to 18 months after installation.



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