



**RIG**  
**DEFENDER**  
SERIES

**Performance Pulsation Control**

# PD20

## 10K



AVAILABLE IN  
5K & 7.5K



- Up to 60% Reduction in Fluid Pulsations & Noise
- 20 Gallon Volume Up To 10,000 PSI
- ASME U-1A Code Stamp Standard
- ABS & DNV Certification Available
- Increases Longevity of Downstream Components and Connections

## SUCTION STABILIZERS

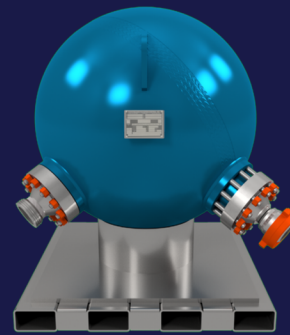


- Minimizes Pump Cavitation
- Reduces TCO by Increasing Pump Expendable Life
- Shock Absorber - Absorbs the Rapid Acceleration and Deceleration of the Fluid During Each Stroke
- Available in Both Gas-Charged & Maintenance Free
- Covers Broad Range of Volumes, Pressures, and Connection
- Appendage Style Gas Units Available with Maintenance Free "ECT" Enhanced Cellular Technology Cartridges

Contact Us :

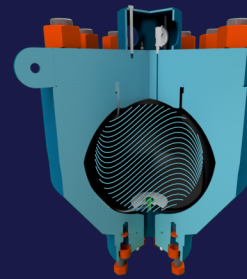
[sales@performancepulsation.com](mailto:sales@performancepulsation.com)

## DR SERIES SYSTEM DAMPENER



- Minimizes MWD Signal Interference and Maximizes Downhole Signal Detection
- Up to 85% Reduction in Fluid Pulsations & Noise
- Attenuates Combined Energy of Mud Pumps
- Significant Reduction in Acoustic Resonance
- Increases Longevity of Downstream Components and Connections
- 2-3 Year Maintenance Free

## RFS - REACTIVE FLUID SYSTEM



- NO GAS – NO Pressurized Nitrogen on Location
- Retrofit Any Gas-Charged Damper Brand
- RFS Outperforms Both Gas-Charged and Wedges when Operating Pressures Exceed 4,000 PSI. The Higher the Pressure, the Greater the Performance Delta.
- Non-Toxic, Non-Flammable, Completely Inert
- RFS Fluid is Highly Compressible
- No Internal Damage to PD Unit Like Competitor Products
- No Deteriorated Wedge Pieces or Basket Fragments Will Be Sent Downhole



**PPC**<sup>®</sup>  
**PERFORMANCE  
PULSATION CONTROL**

[www.performancepulsation.com](http://www.performancepulsation.com)