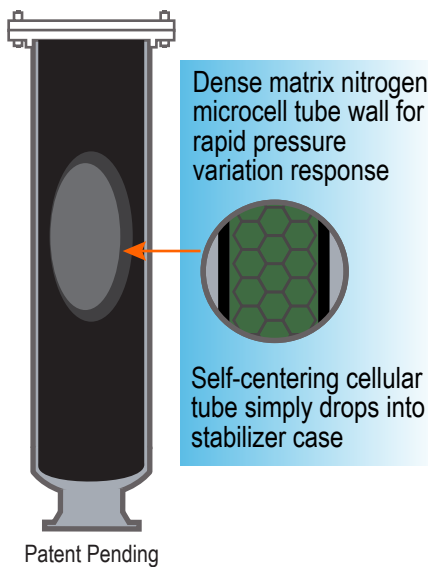


GAS-CHARGING ELIMINATION PROGRAM

Put an end to gas charging
Try our System Dampener Today!

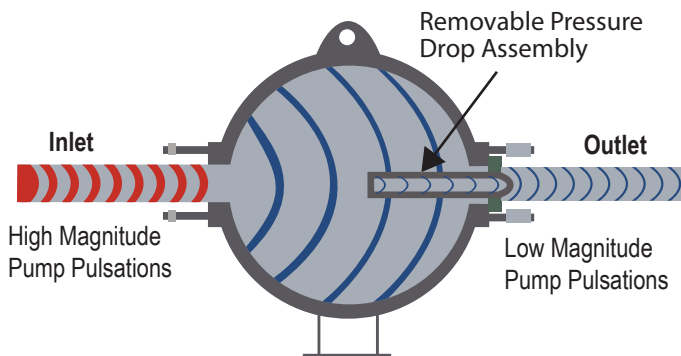


Simple and Effective
Gas-Free Retro-Fit Solutions



Cellular Material Technology For Suction Systems

- Improves flow to feed the pump
- Completely removes the maintenance and early failure worries of conventional gas cartridges
- Drop in replacement for Status Flow and other equivalent cartridges



Reactive Discharge Pulsation Control

- True maintenance-free operation. No gas, no moving parts, no annual component replacement like other "gas-free" systems
- The best and most consistent pulsation control performance available across the widest flow ranges.



SYSTEM DAMPENER

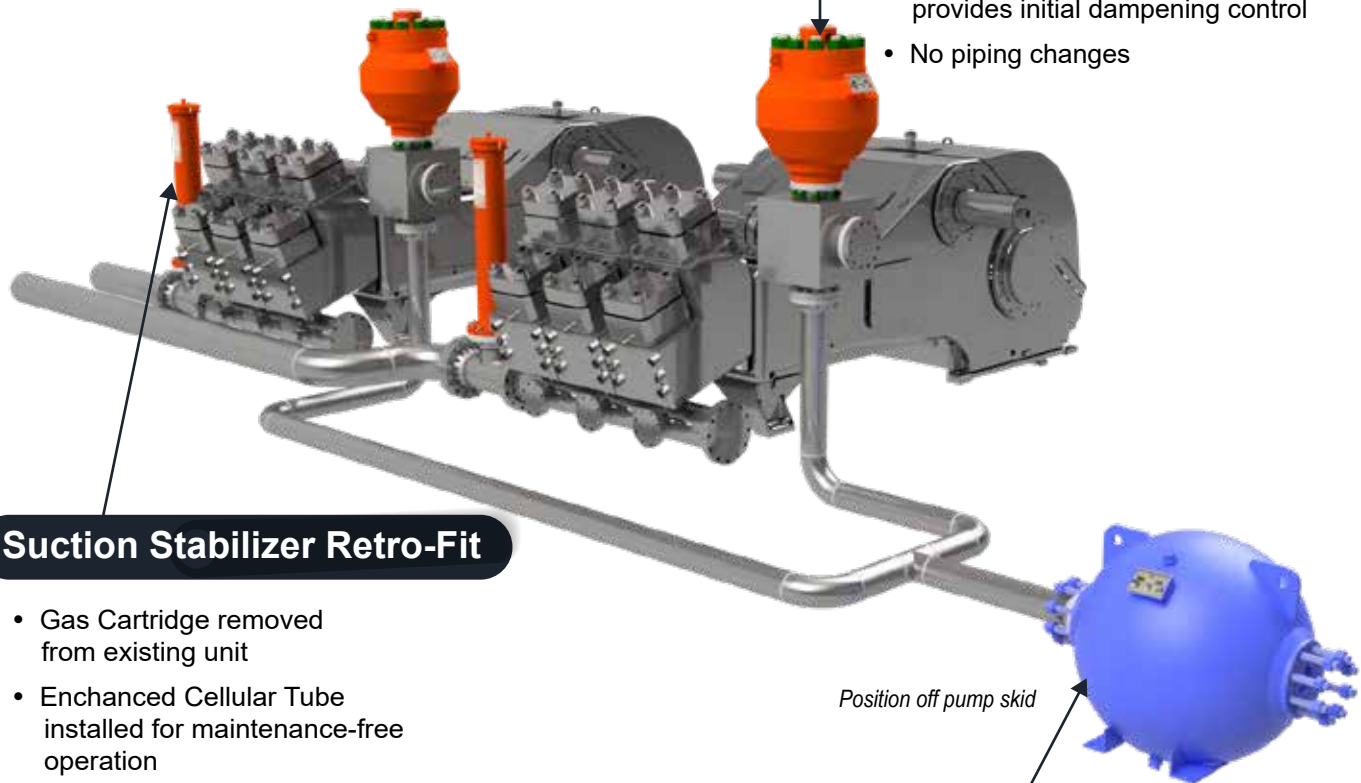
Gas-Free system available as new units or as simple retrofits

PPC's design and application expertise allows continued use of existing components after a simple conversion to gas-free operation

100% Gas-Free Dampening System
No pump modifications

Existing Pulsation Vessel Retained

- Gas-charged bladder removed
- Vessel fills with fluid and provides initial dampening control
- No piping changes



Suction Stabilizer Retro-Fit

- Gas Cartridge removed from existing unit
- Enhanced Cellular Tube installed for maintenance-free operation
- No piping changes
- 2-3 year operational life

Position off pump skid

System Dampener

- Stand-alone Reactive Dampener added into pump system discharge line
- Simple connection using high-pressure discharge hose
- Lingering pulsations removed