

THE ACOUSTIC ASSASSIN[®]

- REDUCES HIGH FREQUENCY ENERGY
- FLOW THROUGH TECHNOLOGY
- DETUNES PIPING SYSTEM
- MULTI-CHAMBER DESIGN
- A SIGMA CFC KIT ADDITION

THE SOLUTION

The Acoustic Assassin[®] is a flow through fixture that will detune your system by removing up to 70% of the energy present in the pumped media.

The immensely disruptive high frequency waves, unreachable by a traditional dampener, are leveled out by the Assassin.

Using the Acoustic Assassin[®] on any system can greatly improve pump performance regardless of the pulsation technology being used.

By utilizing the "reactive spring" theory, the Acoustic Assassin[®] greatly reduces undesirable flow and acceleration energies produced from the reciprocating motion of the pumps, the valve movements, and water hammer effect.

The Acoustic Assassin[®] provides the smoothest media flow through the production line and downhole.

THE PROBLEM

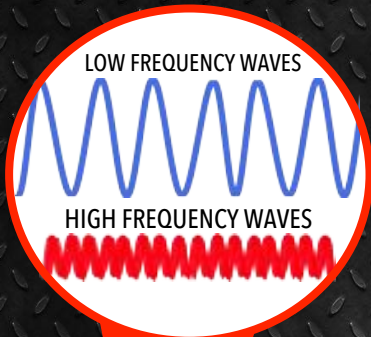
Traditional appendage-style pulsation dampeners are installed above the flow line and are unable to truly mitigate high frequency energy waves.

Those high frequency energies produced by the pump are too quick for a traditional dampener to react to.

Most attempted solutions to this dilemma are extremely costly and involve either reconfiguring your skid, or adding a massive amount of weight.



THE ACOUSTIC ASSASSIN®

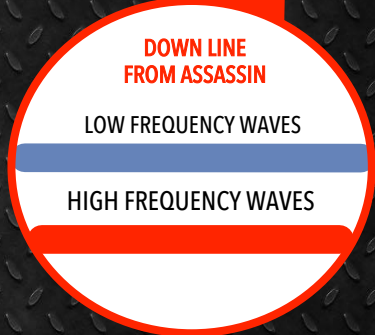
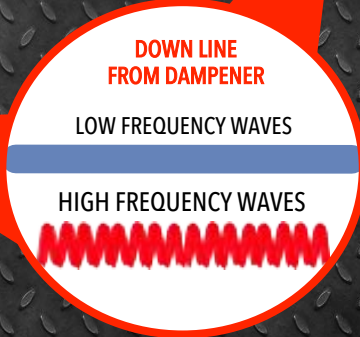
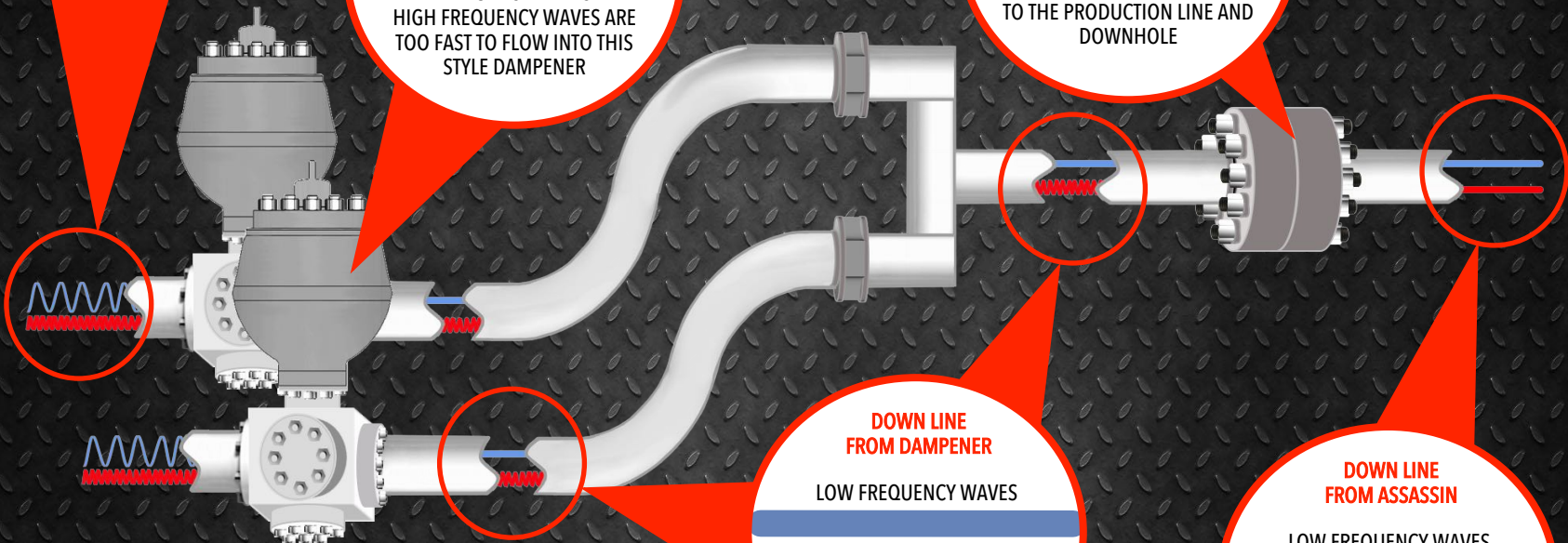


TRADITIONAL PULSATION DAMPENER

APPENDAGE-STYLE DAMPENER WILL ONLY REDUCE THE LOW FREQUENCY WAVES. HIGH FREQUENCY WAVES ARE TOO FAST TO FLOW INTO THIS STYLE DAMPENER

SIGMA'S ACOUSTIC ASSASSIN

THE FLOW-THROUGH ACOUSTIC FILTER ELIMINATES THE HIGH FREQUENCY ENERGY WAVES. NOW ALL MEDIA IS QUIET GOING TO THE PRODUCTION LINE AND DOWNHOLE



THE COMBINATION OF SIGMA DRILLING TECHNOLOGIES' **ACOUSTIC ASSASSIN®** AND SIGMA'S **CHARGE FREE CONVERSION KIT®** WILL GIVE YOU A MAINTENANCE-FREE SYSTEM THAT WILL RIVAL ANY OTHER SOLUTION ON THE MARKET, AT A FRACTION OF THE COST, WEIGHT, AND FOOTPRINT.



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