

PROTECT YOUR INVESTMENT, REFINE YOUR PROCESS!

The Wilden line of SD surge dampeners effectively suppresses pulsation associated with reciprocating pumps, prolonging equipment life and maximizing Mean Time Between Repair (MTBR). The SD dampener self-adjusts to fluctuating inlet pressures making the installation flexible, versatile, and user friendly for a variety of processes. These dampeners are engineered for demanding solids-handling applications commonly found where reciprocating pumps excel.

- An efficient tool to reduce water-hammer and protect equipment
- Uses many existing Wilden parts for minimum spare parts inventory
- Effectively dampens up to 70% of discharge pressure fluctuations



WILDEN
A DOVER COMPANY

WILDEN DAMPENERS

REFINE YOUR PROCESS:

- Minimize pressure fluctuation
- Prevent water hammer and associated damage
- Self-adjusting to varying system pressures
- Minimize spare parts inventory
- Large solids capacity
- Can be configured to meet ATEX II 2 GD X requirements

WETTED MATERIALS

- Aluminum
- Stainless Steel
- Ductile Iron
- Polypropylene
- PVDF

THE EQUALIZER

WILDEN AUTOMATIC SURGE DAMPENER



The image shows three different models of 'The Equalizer' surge dampeners. One is a large stainless steel unit with a vertical pipe on top. Another is a smaller stainless steel unit with a similar vertical pipe. The third is a smaller unit with a yellow top section and a vertical pipe. All units have various ports and connections.

CONNECTIONS

- Threaded NPT and BSPT: 13mm (1/2"), 25mm (1"), 51mm (2"), and 76mm (3")
- Flanged ANSI and DIN connections: 51 mm (2") Advanced™

NON-WETTED MATERIALS

- Aluminum
- Nickel-plated Aluminum
- Stainless Steel
- Polypropylene
- Glass-filled Polypropylene

REFINE YOUR PROCESS:

- Minimize pressure fluctuation
- Prevent water hammer and associated damage
- Self-adjusting to varying system pressures
- Minimize spare parts inventory
- FDA CFR 21.177
- USP Class VI
- ATEX II 2 GD X
- EHEDG certified to doc. 2 & doc. 8 when properly configured and installed
- CIP capable
- Large solids capacity
- Liquid chamber designed for superior delicate product handling, drainability and diaphragm life
- Surface finish of Ra 0.8 µm (32 µ-in) or better for optimum clean-ability

WETTED MATERIALS

- 316L stainless steel wetted material

SANIFLO™

DAMPENERS



The image shows two stainless steel Saniflo dampeners. They have a similar design to the Equalizers but with a more compact, rounded body and a vertical pipe on top. They also have various ports and connections.

CONNECTION TYPE

- Tri-Clamp Connection Sizes: 38 mm (1-1/2"), 51 mm (2"), and 76 mm (3")

NON-WETTED MATERIALS

- Aluminum
- Nickel-plated Aluminum
- Stainless Steel



WILDEN®

A DOVER COMPANY

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