

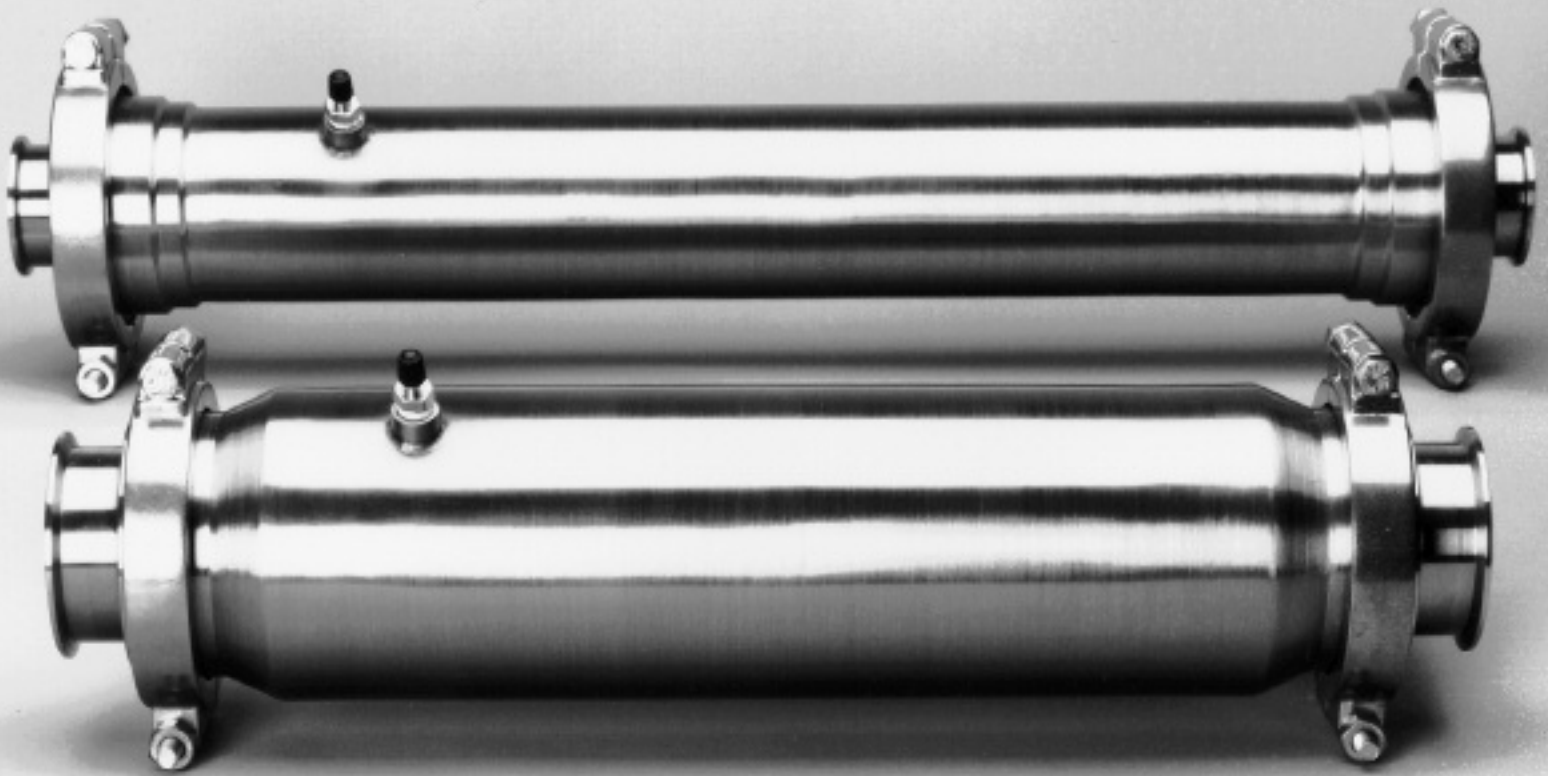


AGC™
HEAT TRANSFER

SILENCER

P U L S A T I O N D A M P E N E R

"Building the best, servicing the rest"™



Silencer Applications Include:

- HTST System - All timing pumps
- Evaporators
- Spray Dryers
- Water purification
- Air pump "hammer" reduction
- Filling Machines -Bag-in-Box
- Reverse Osmosis Systems
- CIP Circuits
- Plant water lines
- Meters

Silencer Benefits:

- Eliminates excess vibration and hydraulic shock.
- Increases life of plate heat exchangers, fittings, valves and other process equipment.
- Completely CIP (clean in place). No "Jumpers."
- Patented design-field proven.
- Reduces bacteria contamination hazards traceable to cracked lines, fittings and cracked plates.
- Simple in-line installation reduces man hours for CIP Jumpers around Homoginzer.

Western

9109 SE 64th Ave.
Portland, OR 97206
503.774.7342
800.715.8820
FAX 503.774.2550

Central

1325 Remington Rd.
Suite T
Schaumburg, IL 60173
847.301.6890
FAX 503.774.2550

Eastern

10129 Piper Lane
Bristow, VA 20136
703.257.1660
800.825.8820
FAX 703.330.7940

See us on the web at www.AGCHeatTransfer.com



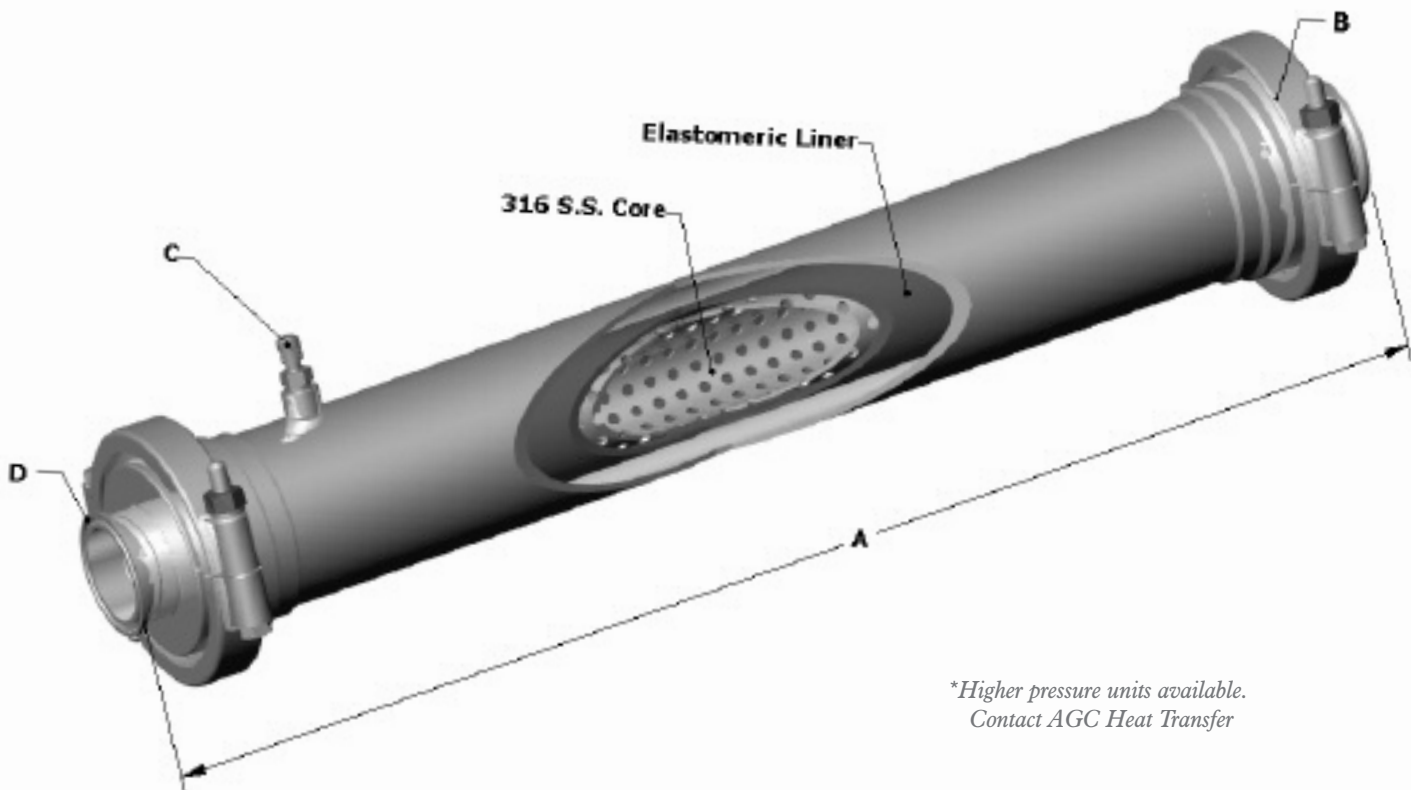
AMERICAN MADE

proflow sanitary
S E R I E S

Accessories

SPECIFICATIONS

THE SILENCER PULSATION DAMPENER



**Higher pressure units available.
Contact AGC Heat Transfer*

Operation Principle

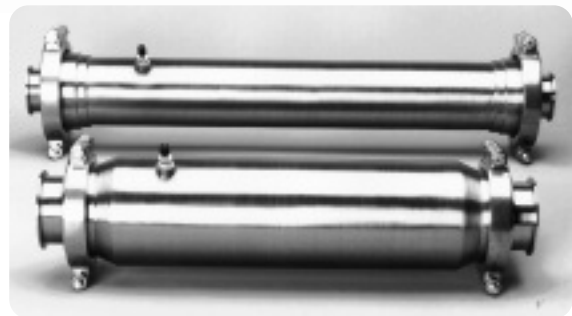
The Silencer™ dampens pulsation by absorbing hydraulic pressure peaks caused from pumps, valve actuation or other mechanical action. The pressure “spike” is equalized by a rubber sleeve expanding against a gas chamber. The destructive pulsation is transferred into the gas chamber not into your process equipment.

Silencer Installation

The Silencer™ is installed directly into your product line as close as possible to the source of the pulsation (i.e. typically at the discharge of a homogenizer or prior to a filler). Once installed the unit is charged with a gas (typically plant air) to 10-15 psig. Reverse osmosis systems should be charged at 90-100 psig. The Silencer™ is completely cleaned in place (CIP) by normal procedures.

Standard unit includes:

Tri-clamp end connections, assembly tool, 1/8” air chuck.



DIMENSIONAL DATA

	PD2	PD3
A	27"	22"
B	6.5"	6.5"
C	1/8" NPT	1/8" NPT
D	2" sanitary	3" sanitary
Weight	26 lbs.	24 lbs.
Max Pres.	750 psig	300 psig

Dimensions not to be used for construction



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Silencer 10-11