

Model SS85

Liquid Line Pulsation Dampener

The Model SS85 Pulsation Dampener greatly reduces discharge line surging associated with pneumatically operated, positive displacement pumps and can be installed wherever line pulses affect the performance of your process. Constructed entirely of high-purity PTFE, the Model SS85 eliminates contamination risk and ensures compatibility with critical process chemicals.

This Pulsation Dampener contains no moving parts and is inert to virtually all chemicals, thus eliminating maintenance. Using trapped air to dampen line surges, the Model SS85 can reduce pulsation to ± 4 psi in most applications, and is ideal for installations that have DAILY chemical change-outs to ensure optimal performance.

Construction

- ▶ 100% virgin PTFE construction ensure ultra-pure pumping
- ▶ No moving parts for long life
- ▶ Inline "tee" option for easy, remote installation
- ▶ Clean room assembled, tested, and packaged
- ▶ Two-year, no maintenance warranty



Model SS85 Surge Suppressor

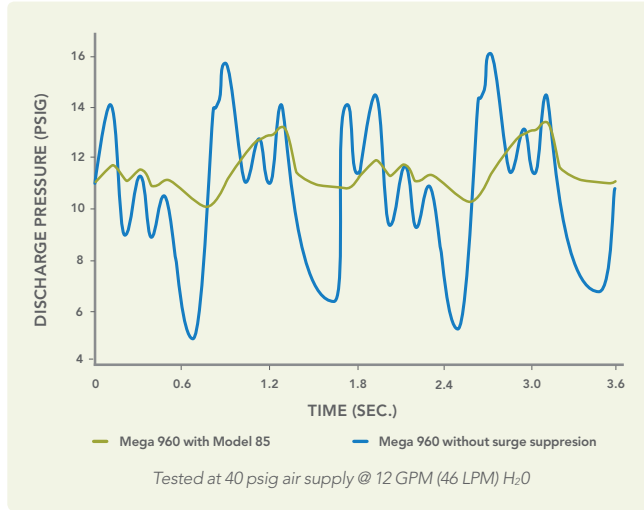
SS85 shown mounted on Mega 960 pump



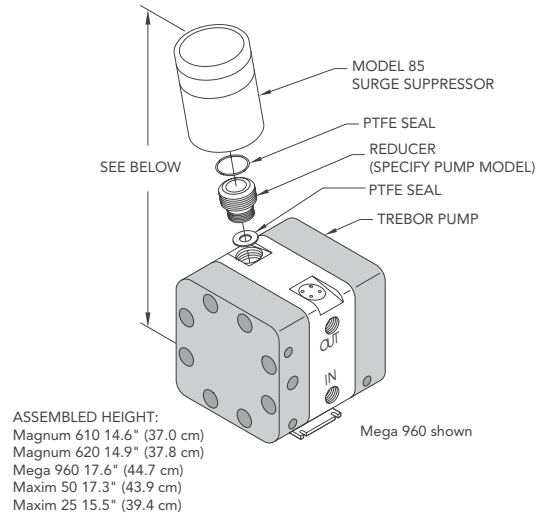
Performance Summary

	English	Metric
▶ Maximum pressure below 100 °C	80 psig	.55 MPa
▶ Maximum pressure 100-140 °C	45 psig	.31 MPa
▶ Maximum chemical operating temperature	356 °F	180 °C
▶ Dimensions	8" high x 4.5" dia.	20.3 cm high x 11.4 cm dia.
▶ Weight	4.5 lbs.	2.0 Kg

Pulsation Dampener/Surge Suppressor Effectiveness



Pump Installation and Dimensions in Inches (cm.)



Options and Ordering

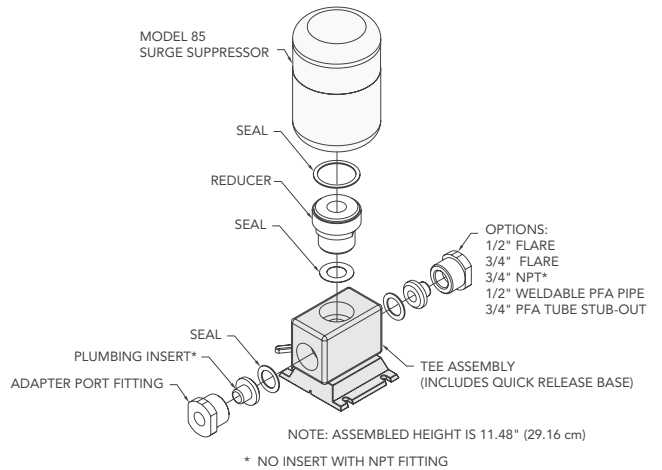
Use the code numbers for ordering the following options for your Model SS85 Surge Suppressor.

MODEL	SS85	Model 85 Surge Suppressor
FLUID CONNECTIONS	P1	Port Mounted - Magnum 610/Maxim Series
	P2	Port Mounted - Mega 960
	P3	Port Mounted - Magnum 620
	A1	Inline Tee, 3/4" Flare
	A2	Inline Tee, 1" NPT
OPTIONS	A0	No option

Example of an order number based on configuration options:

SS85	P3	A0
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Inline "Tee" Installation



Inline tee configuration can be used in conjunction with any pump type.