

# MODEL SS40

## Air-Operated Pulsation Dampener



ACTIVE PULSE  
DAMPENER

SERVICEABLE  
DESIGN

NO ELASTOMER  
RINGS

PUMP OR INLINE  
MOUNTED

The Model SS40 Pulsation Dampener effectively reduces liquid line pressure fluctuation to less than  $\pm 3$  psi in most operating conditions. Use of a pulsation dampener with reciprocating pumps is recommended to extend filter life, reduce plumbing vibration, and to minimize chemical bath turbulence. Constructed entirely of high-purity PTFE wetted components and PP/PTFE/PFA air-side components with no elastomer seals, you can be assured of safe, chemical-compatible operation.

*This is PURE INNOVATION.*



**MAX FLOW**  
13 GPM (49 LPM)



**MAX TEMPERATURE**  
140 °C (284 °F)



**MAX PRESSURE**  
80 PSI / .55 MPa



**CERTIFICATIONS**  
CE

**TREBOR®**

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A Unit of IDEX Corporation

### PUMP CONNECTION

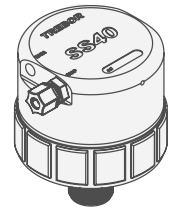
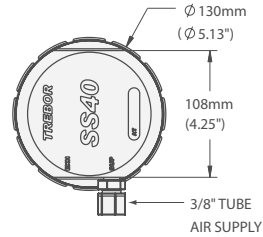
The Model SS40 is easy to install. Simply mount directly on Trebor model pumps in the existing pulsation dampener port, or order the inline option for remote installation on your pump discharge line, then connect the air supply.

The Model SS40 is compatible with Trebor Model 110, 610, 620, and other air-operated reciprocating pumps with flow capacities up to 50 LPM.

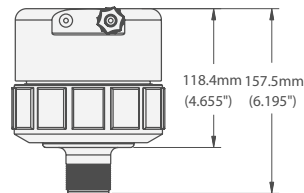


Typical direct pump mount shown on Magnum 620 R style pump.

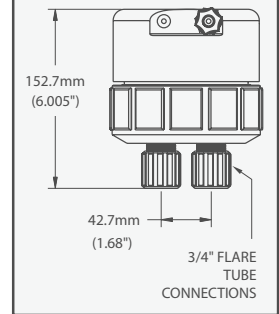
### DIMENSIONS IN MILLIMETERS (IN.)



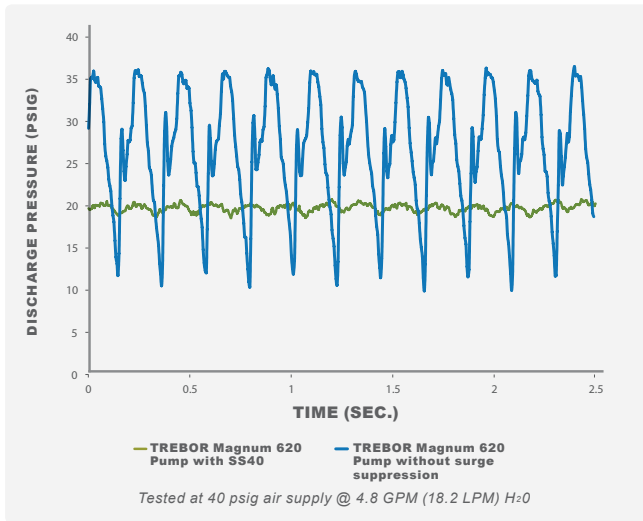
Pump Mount Option



Inline Option



### PULSATION DAMPENING EFFECTIVENESS



### SS40 SURGE SUPPRESSOR OPTIONS

SURGE	SS40	SS40 Surge Suppressor/Pulsation Dampener
FLUID CONNECTIONS	P1	Connection to Magnum 610, 610NM
	P2	Connection to 110 Pump
	P3	Connection to Magnum 620 Pump
	LF	Inline 3/4" Flare Connection
OPTIONS	A0	No Option
	A1	3/4" Flare 90° Elbow Fittings — for use with inline (LF) option
	A2	1/2" Flare 90° Elbow Fittings — for use with inline (LF) option

Example of an order number based on configuration options:

SS40 P3 A1