



# Surge Control Products

Stainless Steel

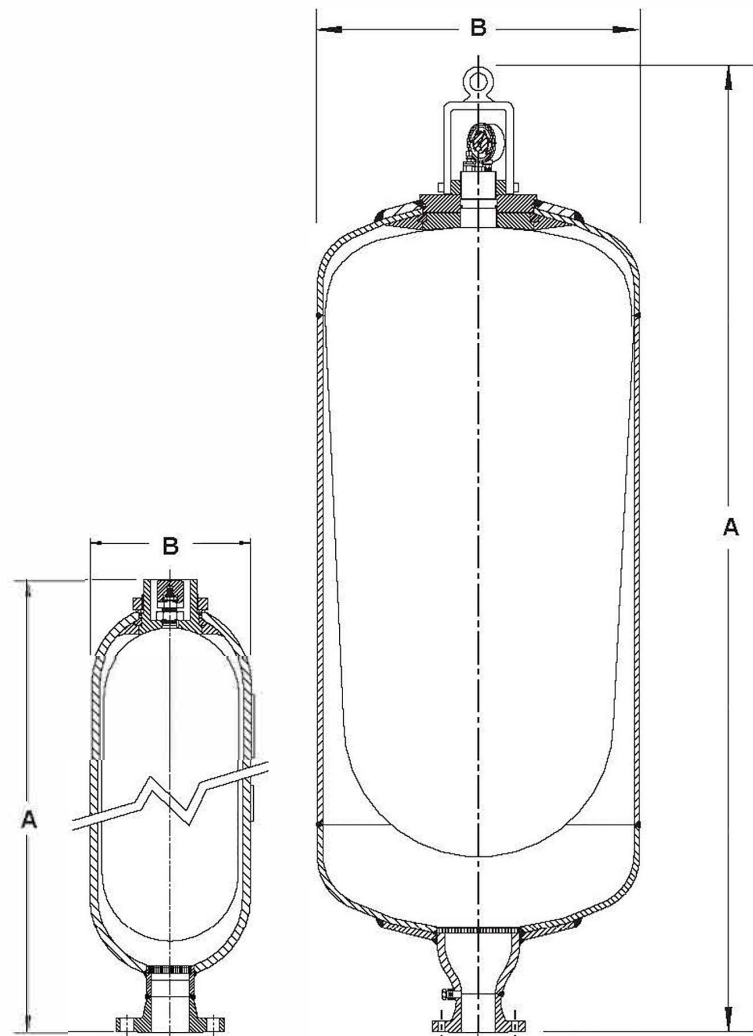


# Stainless Steel Surge Suppressors

Fluid Energy Controls Surge Suppressors are designed to dampen the pressure surges caused by rapid opening and closing of flow control valves in any liquid handling system. This reduces the possibility of costly damage to the pipe lines, leakages, loosened pipe fittings and downtime.

## Features:

- Designed and stamped per ASME Section VIII Div. 1, N.B. registered
- Other certifications available:  
Chinese SELO, European CE, Canadian CRN, Brazilian NR-13, Malaysian DOSH
- 304 Stainless Steel construction standard (316 Stainless Steel construction available)
- 225 and 500psi design operating pressure @ -20°F to +200°F.
- Top repairable design for ease of maintenance.
- Buna-N bladder standard; other compounds available: Butyl, Viton, EPR, Hydrin



2½ to 15 Gallon

25 to 120 Gallon

\* Other pressure rating and port options also available.

Size (Gal)	PSI*	Standard Port*	Part Number	Approx. Wt. (lb.)	"A" (in.)	"B" (in.)
2½	500	3"-300# ANSI Flange	002FB0503	40	22	8.65
5	500	3"-300# ANSI Flange	005FB0503	60	32	8.65
10	500	3"-300# ANSI Flange	010FB0503	85	54	8.65
15	500	3"-300# ANSI Flange	105FB0503	110	76	8.65
25	500	4"-300# ANSI Flange	025FB0504	315	39.5	22
40	500	4"-300# ANSI Flange	040FB0504	372	47.5	22
60	500	4"-300# ANSI Flange	060FB0504	515	54.5	22
80	500	4"-300# ANSI Flange	080FB0504	655	68	22
100	500	6"-300# ANSI Flange	100FB0506	880	87.5	22
120	500	6"-300# ANSI Flange	120FB0506	1005	104.5	22

# Stainless Steel Surge Suppressors

## Fluid Energy Controls Part Number Description

SIZE						
Symbol	Size	225 PSI	500 PSI	850 PSI	1500 PSI	3000 PSI
C60	1 qt.			✓	✓	✓
001	1 gal.			✓	✓	✓
002	2.5 gal.	✓	✓	✓	✓	✓
005	5 gal.	✓	✓	✓	✓	✓
010	10 gal.	✓	✓	✓	✓	✓
011	11 gal.	✓	✓	✓	✓	✓
015	15 gal.	✓	✓	✓	✓	✓
025	25 gal.	✓	✓	✓	✓	✓
040	40 gal.	✓	✓	✓	✓	✓
060	60 gal.	✓	✓			
080	80 gal.	✓	✓			
100	100 gal.	✓	✓			
120	120 gal.	✓	✓			

PRESSURE RATING, PSI	
02	225/250*
05	500
08	850
15	1500
30	3000
225 PSI for SS 250 PSI for CS	

FLUID PORT	
01	1" Flange
02	2" Flange
03	3" Flange
04	4" Flange
06	6" Flange
15	1½" Flange
20	SAE O-Ring Boss 1 Qt. = #12 SAE (1-½-12) 1 Gallon = #20 SAE (1-½-12) 2.5-15 Gallon = #24 SAE (1-½-12)
21	SAE Code 61 Flange Adapter 1 Gallon = 1¼" 2.5-15 Gallon = 2"
25	2½" Flange
50	½" Flange
75	¾" Flange
90	1 Qt. = 1" NPT Male 1 Gallon = 1¼" NPT 2.5-15 Gallon = 2" NPT

Example: **025FB3002CBX** = 25 Gallon 304 SS Shell Buna-N Bladder 3000 PSI 2" Flange CRN Cert. Brackets Special

**025      F      B      30      02      C      B      X**

SHELL MATERIAL	
F	304 SS
S	316 SS

BLADDER MATERIAL	
B	Buna-N
E	EPR
H	Hydrin
T	Butyl
V	Viton

CERTIFICATION	
—	ASME Std.
C	CRN
D	DOSH
G	GOST
N	NR-13
P	CE/PED
S	SELO/SQL

LEGS OR BRACKETS	
—	None
L	Legs
B	Brackets

SPECIAL	
—	None
X	Specify



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