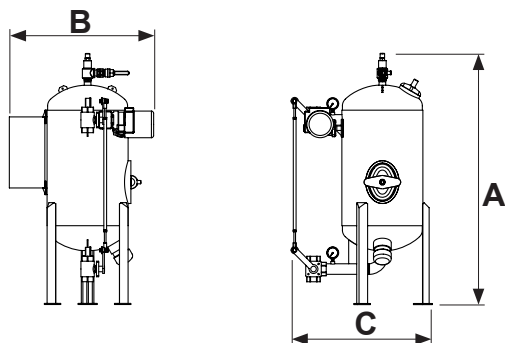


### SF-16CS, 18CS, 24CS



**General Specs:**

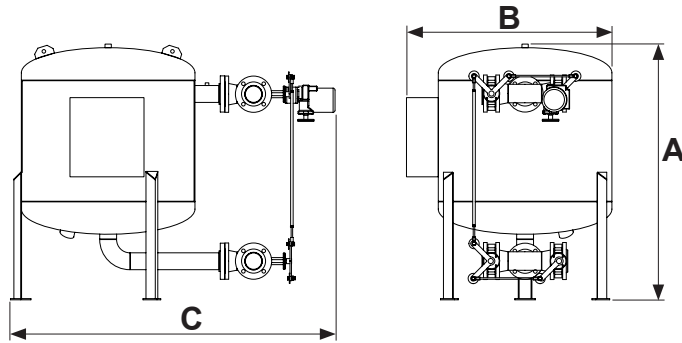
1. Pressure @ Deg.F: 80PSI @ 100°F
2. Inlet/Outlet Connection: Flanged
3. Exterior Finish: Blue Fusecoat Polyester
4. Std. Material: Carbon Steel
5. Warranty: 5 Years
6. 120 VAC @2 amps

SYSTEM MODEL NUMBER	SF-16CS	SF-18CS	SF-24CS
Design Flow Rate 20gpm/sq. ft.	27 gpm	35 gpm	63 gpm
Filter Area Sq. Ft.	1.4	1.77	3.14
<b>Construction</b>			
Sand Filter	Carbon Steel, Internal Epoxy Coat/External Powder Coat		
Internal Screens	316 Stainless Steel Wedge Wire		
Control Panel (UL Listed and labeled, manufactured to UL-508-A)			
Enclosure	NEMA 4 powder coated, watertight, UL listed and CSA approved		
Electrical Components	PLC timer, manual backwash buton, differential pressure switch, backwash "ON" light, and backwash counter. Mfg with all UL listed & CSA approved electrical components.		
<b>Valve Assembly</b>			
Body Construction	All Bronze		
Ball Valve	Stainless Steel Ball And Stem, Standard Port		
Connection	Threaded, Female NPT		
Electrical	120VAC Electric Actuator		
<b>Media Weight, lbs.</b>			
No. 20 Sand	164 lbs		328 lbs
Gravel	82 lbs		164 lbs
<b>Dimensions</b>			
Dim "A"	52in.	55in.	58in.
Dim "B"	28in.	30in.	36in.
Dim "C"	30in.	33in.	39in.
<b>Operating Pressures</b>			
Max. Inlet PSI	60 PSI		
Max. Operating PSI	80 PSI		
Max. Operating Temp.	100°F		
<b>Connections</b>			
Filtration Outlet	2" Female NPT		
Backwash Outlet	2" Female NPT		
City Water Outlet	2" Female NPT		
Water Loss During Backwash, 45 sec.	20 gallons	26 gallons	47 gallons
<b>Weight, lbs.</b>			
Shipping	350 lbs	480 lbs	700 lbs
Operating	400 lbs	640 lbs	960 lbs

Note: Dimensions are approximate and are for reference only. Dimensions subject to change without notice. Weights are approximate.

**SECTION 13**

### SF-30CS, 36CS

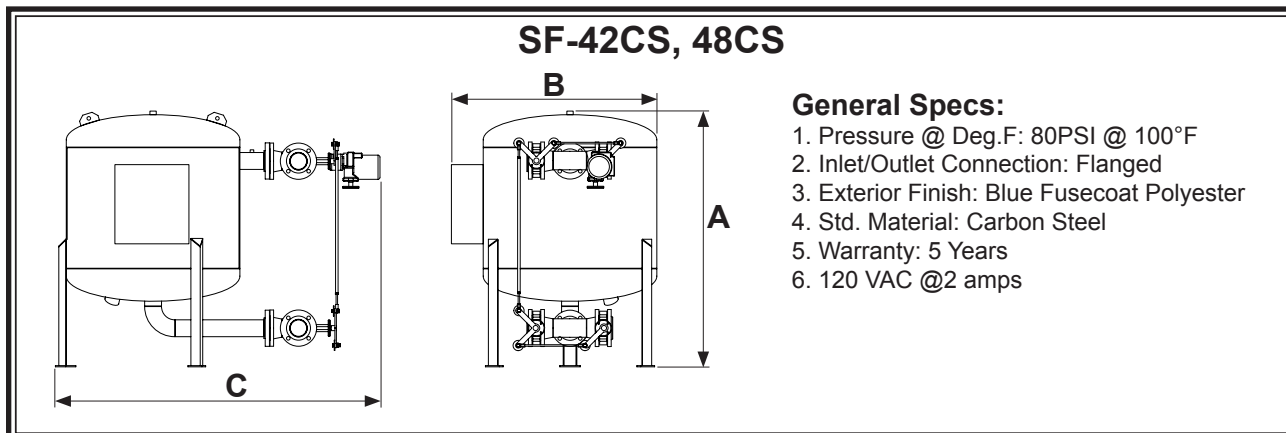


**General Specs:**

1. Pressure @ Deg.F: 80PSI @ 100°F
2. Inlet/Outlet Connection: Flanged
3. Exterior Finish: Blue Fusecoat Polyester
4. Std. Material: Carbon Steel
5. Warranty: 5 Years
6. 120 VAC @2 amps

SYSTEM MODEL NUMBER	SF-30CS	SF-36CS
Design Flow Rate 20gpm/sq. ft.	98 gpm	141 gpm
Filter Area Sq. Ft.	4.91	7.06
<b>Construction</b>		
Sand Filter	Carbon Steel, Internal Epoxy Coat/External Powder Coat	
Internal Screens	316 Stainless Steel Wedge Wire	
<b>Control Panel (UL Listed and labeled, manufactured to UL-508-A)</b>		
Enclosure	NEMA 4 powder coated, watertight, UL listed and CSA approved	
Electrical Components	PLC timer, manual backwash buton, differential pressure switch, backwash "ON" light, and backwash counter. Mfg with all UL listed & CSA approved electrical components.	
<b>Valve Assembly</b>		
Body Construction	Cast Iron, Powder Coated	
Disc Construction	316 Stainless Steel	
Connection	Butterfly, lug style	
Seat	EPDM	
Electrical	120VAC Electric Actuator	
<b>Media Weight, lbs.</b>		
No. 20 Sand	533 lbs	656 lbs
Gravel	205 lbs	246 lbs
<b>Dimensions</b>		
Dim "A"	87in.	63in.
Dim "B"	42in.	48in.
Dim "C"	64in.	70in.
<b>Operating Pressures</b>		
Max. Inlet PSI	60 PSI	
Max. Operating PSI	80 PSI	
Max. Operating Temp.	100°F	
<b>Connections</b>		
Filtration Outlet	2-1/2" Flange	3" Flange
Backwash Outlet	2-1/2" Flange	3" Flange
City Water Outlet	2-1/2" Flange	3" Flange
Water Loss During Backwash, 45 sec.	74 gallons	106 gallons
<b>Weight, lbs.</b>		
Shipping	1,690 lbs	2,065 lbs
Operating	2,540 lbs	3,560 lbs

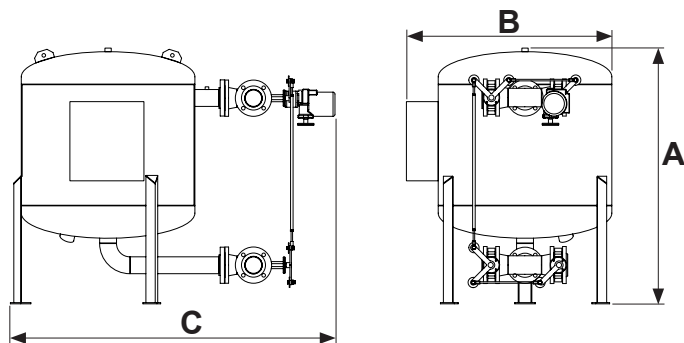
Note: Dimensions are approximate and are for reference only. Dimensions subject to change without notice. Weights are approximate.



SYSTEM MODEL NUMBER		SF-42CS	SF-48CS
Design Flow Rate 20gpm/sq. ft.		192 gpm	250 gpm
Filter Area Sq. Ft.		9.61	12.6
<b>Construction</b>			
Sand Filter		Carbon Steel, Internal Epoxy Coat/External Powder Coat	
Internal Screens		316 Stainless Steel Wedge Wire	
Control Panel (UL Listed and labeled, manufactured to UL-508-A)			
Enclosure		NEMA 4 powder coated, watertight, UL listed and CSA approved	
Electrical Components		PLC timer, manual backwash buton, differential pressure switch, backwash "ON" light, and backwash counter. Mfg with all UL listed & CSA approved electrical components.	
<b>Valve Assembly</b>			
Body Construction		Cast Iron Powder Coated	
Disc Construction		316 Stainless Steel	
Connection		Butterfly, lug style	
Seat		EPDM	
Electrical		120VAC Electric Actuator	
<b>Media Weight, lbs.</b>			
No. 20 Sand		738 lbs	960 lbs
Gravel		410 lbs	571 lbs
<b>Dimensions</b>			
Dim "A"		64in.	66in.
Dim "B"		54in.	60in.
Dim "C"		80in.	86in.
<b>Operating Pressures</b>			
Max. Inlet PSI		60 PSI	
Max. Operating PSI		80 PSI	
Max. Operating Temp.		100°F	
<b>Connections</b>			
Filtration Outlet		4" Flange	
Backwash Outlet		4" Flange	
City Water Outlet		4" Flange	
Water Loss During Backwash, 45 sec.		144 gallons	188 gallons
<b>Weight, lbs.</b>			
Shipping		3,725 lbs	4,985 lbs
Operating		6,090 lbs	8,090 lbs

Note: Dimensions are approximate and are for reference only. Dimensions subject to change without notice. Weights are approximate.

**SECTION 13**

**SF-54CS, 60CS**

**General Specs:**

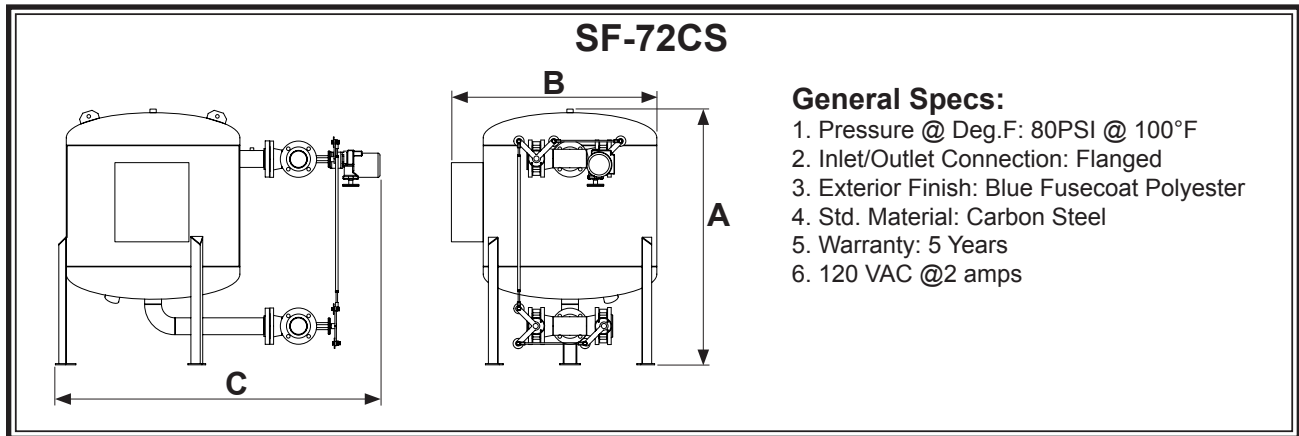
1. Pressure @ Deg.F: 80PSI @ 100°F
2. Inlet/Outlet Connection: Flanged
3. Exterior Finish: Blue Fusecoat Polyester
4. Std. Material: Carbon Steel
5. Warranty: 5 Years
6. 120 VAC @2 amps

SYSTEM MODEL NUMBER	SF-54CS	SF-60CS
Design Flow Rate 20gpm/sq. ft.	318 gpm	392 gpm
Filter Area Sq. Ft.	15	19.6
<b>Construction</b>		
Sand Filter	Carbon Steel, Internal Epoxy Coat/External Powder Coat	
Internal Screens	316 Stainless Steel Wedge Wire	
<b>Control Panel (UL Listed and labeled, manufactured to UL-508-A)</b>		
Enclosure	NEMA 4 powder coated, watertight, UL listed and CSA approved	
Electrical Components	PLC timer, manual backwash buton, differential pressure switch, backwash "ON" light, and backwash counter. Mfg with all UL listed & CSA approved electrical components.	
<b>Valve Assembly</b>		
Body Construction	Cast Iron Powder Coated	
Disc Construction	316 Stainless Steel	
Connection	Butterfly, lug style	
Seat	EPDM	
Electrical	120VAC Electric Actuator	
<b>Media Weight, lbs.</b>		
No. 20 Sand	1,312 lbs	1,107 lbs
Gravel	779 lbs	1,271 lbs
<b>Dimensions</b>		
Dim "A"	68in.	74in.
Dim "B"	66in.	72in.
Dim "C"	92in.	98in.
<b>Operating Pressures</b>		
Max. Inlet PSI	60 PSI	
Max. Operating PSI	80 PSI	
Max. Operating Temp.	100°F	
<b>Connections</b>		
Filtration Outlet	5" Flange	6" Flange
Backwash Outlet	5" Flange	6" Flange
City Water Outlet	5" Flange	6" Flange
Water Loss During Backwash, 45 sec.	239 gallons	294 gallons
<b>Weight, lbs.</b>		
Shipping	6,485 lbs	8,280 lbs
Operating	10,415 lbs	13,300 lbs

Note: Dimensions are approximate and are for reference only. Dimensions subject to change without notice. Weights are approximate.

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<b>SYSTEM MODEL NUMBER</b>		<b>SF-72CS</b>
Design Flow Rate 20gpm/sq. ft.		565 gpm
Filter Area Sq. Ft.		28.3
<b>Construction</b>		
Sand Filter	Carbon Steel, Internal Epoxy Coat/External Powder Coat	
Internal Screens	316 Stainless Steel Wedge Wire	
Control Panel (UL Listed and labeled, manufactured to UL-508-A)		
Enclosure	NEMA 4 powder coated, watertight, UL listed and CSA approved	
Electrical Components	PLC timer, manual backwash buton, differential pressure switch, backwash "ON" light, and backwash counter. Mfg with all UL listed & CSA approved electrical components.	
<b>Valve Assembly</b>		
Body Construction	Cast Iron Powder Coated	
Disc Construction	316 Stainless Steel	
Connection	Butterfly, lug style	
Seat	EPDM	
Electrical	120VAC Electric Actuator	
<b>Media Weight, lbs.</b>		
No. 20 Sand	1,763 lbs	
Gravel	1,599 lbs	
<b>Dimensions</b>		
Dim "A"	76in.	
Dim "B"	84in.	
Dim "C"	115in.	
<b>Operating Pressures</b>		
Max. Inlet PSI	60 PSI	
Max. Operating PSI	80 PSI	
Max. Operating Temp.	100°F	
<b>Connections</b>		
Filtration Outlet	6" Flange	
Backwash Outlet	6" Flange	
City Water Outlet	6" Flange	
Water Loss During Backwash, 45 sec.	424 gallons	
<b>Weight, lbs.</b>		
Shipping	12,900 lbs	
Operating	20,400 lbs	

Note: Dimensions are approximate and are for reference only. Dimensions subject to change without notice. Weights are approximate.

**SECTION 13**