



SPACE-SAVER



SUPER SPACE-SAVER



GUARDIAN

COMPACT, ECONOMICAL FILTRATION AND PURIFICATION

- **Flow rates to 6000 GPH @ 60 Hz**
(19000 LPH @ 50 Hz)
- **Non-metallic solution contact**
Select materials of construction for compatibility with solutions, operating temperature and pressure.

Bag Systems are corrosion resistant and extremely simple to operate. Choice of construction materials allow use with most liquids, including harsh chemicals at elevated temperatures.

- **Choice of pump**
Seal-less magnetic drive pumps:
Series 'B' seal-less magnetic coupled pumps are available in CPVC, polypropylene or PVDF with EPDM "O"-rings. Series 'M' and 'FE' pumps are polypropylene or PVDF with EPDM "O"-rings.

Mechanical Seal Pumps:
Series 'HC', 'HK' or 'HE' direct drive pumps are available with either single or double mechanical seals. The pumps are CPVC or PVDF with EPDM "O"-rings

Self Priming Pumps:
Series 'FES' magnetic coupled self priming pumps are available in polypropylene or PVDF with EPDM "O"-rings.

- **Filter Chamber**
Space-Saver systems utilize Series 630 & 640 single bag chambers with surface area up to 5.0 sq. ft. Super Space-Saver and Guardian system utilize Series 1235 & 1255 multi-bag chambers with surface area up to 19.5 sq. ft. All bag chambers feature a bottom out design which simplifies bag changes.



Standard BAG FILTRATION systems include:

- Non-metallic solution contact
- Corrosion resistant mounting base.
- Industrial duty SERFILCO pump
- Stainless steel or corrosion resistant external hardware and fasteners.
- Vent valve assembly
- Glycerin filled 316 SS pressure gauge and guard assembly
- Systems 1 HP and up 230-460V/3/50-60 Hz, others 115-230V/1/50-60 Hz.
- Flow control valve between pump and filter (Super Space-Saver and Guardian)

TO ORDER, use System Number

SPACE-SAVER SYSTEMS

Magnetic drive pump and PVC, CPVC, polypropylene or PVDF filter chamber

System Number ¹	Flow Rate		Pump Series	Pump HP	Pump Max. PSI	Filter Series	Bag Area (sq. ft)	Suct./Disch FNPT Connections (inches)	Shipping Weight (lbs)
	GPH @60Hz	LPH @50 Hz							
CSBF3.5B6	600	2,000	B	1/6	10	630	3.5	3/4 H X 1	75
CSBF5B6	600	2,000	B	1/6	10	640	5.0	3/4 H X 1	80
CSBF3.5M108	1,700	5,100	M	3/4	17	630	3.5	1 x 1	90
CSBF5M108	1,700	5,100	M	3/4	17	640	5.0	1 x 1	90
CSBF5M210	2,700	8,100	M	1.0	20	640	5.0	1 1/2 x 1	95

¹Listed system includes CPVC chamber and CPVC or polypropylene pump.
 To order system with PVC chamber, change the C to P in system No.
 To order system with polypropylene chamber and pump, change the C to PP in system No.
 To order system with PVDF chamber and pump, change the C to K in system No.

CPVC or PVDF direct drive pump and PVC, CPVC or PVDF filter chamber

System Number ¹	Flow Rate		Pump Series	Pump HP ²	Pump Max. PSI	Filter Series	Bag Area (sq. ft)	Suct./Disch FNPT Connections (inches)	Shipping Weight (lbs)
	GPH @60Hz	LPH @50 Hz							
CSBF3.5HC103	900	2,800	HC	1/3	12	630	3.5	1 x 1	62
CSBF5HC103	900	2,800	HC	1/3	12	640	5.0	1 x 1	85
CSBF5HC208	1,600	5,000	HC	3/4	20	640	5.0	1 x 1	95
CSB5HK310	2,500	7,900	HK	1.0	18	640	5.0	1 1/2 x 1	105

¹Listed system includes CPVC chamber and CPVC or polypropylene pump.
 To order system with PVC chamber, change the C to P in system No.
 To order system with PVDF chamber and pump, change the C to K in system No.
²To order pump with double mechanical seal - change HC to HCD or HK to HKD in System No.

**TO ORDER, use System Number****SUPER SPACE-SAVER
OR GUARDIAN SYSTEMS*****Polypropylene magnetic drive pump with CPVC, PVC, or Polypropylene² filter chamber***

System Number ^{1, 2}	Flow Rate		Pump Series	Pump HP	Pump Max. PSI	Filter Series	Bag Area (sq. ft)	Suct./Disch FNPT Connections (inches)	Shipping Weight (lbs)
	GPH @60 Hz	LPH @50 Hz							
CGBF12M210	3,000	9,500	M	1.0	20	1235	12.0	1 1/2 x 1 1/2	195
CGBF19M210	3,000	9,500	M	1.0	20	1255	19.5	1 1/2 x 1 1/2	210
CGBF12FE110	3,500	11,100	FE	1.0	18	1235	12.0	2 x 1 1/2	215
CGBF19FE110	3,500	11,100	FE	1.0	18	1255	19.5	2 x 1 1/2	230
CGBF12FE215	4,500	14,200	FE	1.5	25	1235	12.0	2 x 1 1/2	225
CGBF19FE215	4,500	14,200	FE	1.5	25	1255	19.5	2 x 1 1/2	240
CGBF12FE320	5,500	17,400	FE	2.0	32	1235	12.0	2 x 1 1/2	235
CGBF19FE320	5,500	17,400	FE	2.0	32	1255	19.5	2 x 1 1/2	250

¹ Listed system includes CPVC chamber.

To order system with PVC chamber, change the C to P in system No.

To order system with polypropylene chamber and pump, change the C to PP in system No.

² Listed system is a Super Space-Saver

For a Guardian System (mounted on a flat base) add H to System No.

CPVC or Polypropylene direct drive² pump with CPVC, PVC, or Polypropylene filter chamber

System Number ^{1, 2}	Flow Rate		Pump Series	Pump HP	Pump Max. PSI	Filter Series	Bag Area (sq. ft)	Suct./Disch FNPT Connections (inches)	Shipping Weight (lbs)
	GPH @60 Hz	LPH @50 Hz							
CGBF12HK415	2,500	7,900	HK	1.5	23	1235	12.0	1 x 1 1/2	190
CGBF19HK45	2,500	7,900	HK	1.5	23	1255	19.5	1 1/2 x 1 1/2	205
CGBF12HE115	4,000	12,600	HE	1.5	24	1235	12.0	2 X 1/2	215
CGBF19HE115	4,000	12,600	HE	1.5	24	1255	19.5	2 x 1 1/2	230
CGBF12HE220	5,000	15,800	HE	2.0	27	1235	12.0	2 x 1 1/2	225
CGBF19HE220	5,000	15,800	HE	2.0	27	1255	19.5	2 x 1 1/2	240
CGBF12HE330	6,000	1,900	HE	3.0	36	1235	12.0	2 x 1 1/2	230
CGBF19HE330	6,000	1,900	HE	3.0	36	1255	19.5	2 x 1 1/2	245

¹ Listed system includes CPVC chamber and pump

To order system with PVC chamber and CPVC pump, change the C to P in system No.

To order system with polypropylene chamber and CPVC or polypropylene pump, change the C to PP in system No.

² Listed system is a Super Space-Saver

For a Guardian System (mounted on a flat base) add H to System No.



Polypropylene self-priming magnetic drive pump with CPVC, PVC or Polypropylene¹ filter chamber

System Number ^{1,2}	Flow Rate		Pump Series	Pump HP	Pump Max. PSI	Filter Series	Bag Area (sq. ft)	Suct./Disch FNPT Connections (inches)	Shipping Weight (lbs)
	GPH @60Hz	LPH @50 Hz							
CGBF12FES215	3,500	11,100	FES	1.5	22	1235	12.0	1 x 1 1/2	220
CGBF19FES215	3,500	11,100	FES	1.5	22	1255	19.5	1 1/2 x 1 1/2	235
CGBF12FES320	4,500	14,200	FES	1.5	29	1235	12.0	1 1/2 x 1 1/2	230
CGBF19FES320	4,500	14,200	FES	2.0	29	1255	19.5	1 1/2 x 1 1/2	245
CGBF12FES430	5,500	17,400	FES	3.0	35	1235	12.0	1 1/2 x 1 1/2	240
CGBF19FES430	5,500	17,400	FES	3.0	35	1255	19.5	1 1/2 x 1 1/2	240

¹Listed system includes CPVC chamber and polypropylene pump.
To order system with PVC chamber, change the C to P in system No.
To order system with polypropylene chamber and pump, change the C to PP in system No.

²Listed system is a Super Space-Saver
For Guardian System (mounted on a flat base) add H to System No.

IMPORTANT: Filter media is ordered seperately. Refer to Bulletin C-307 for 630 & 640 chambers or Bulletin C-308 for 1235 & 1255 chambers.

OPTIONAL

DESCRIPTION	ADD TO SYSTEM NO.
VITON ELASTOMERS	
Filter chamber and pump	V

DESCRIPTION	PRICE CODE NO.
MOTOR STARTERS - NEMA 4X Watertight push button	
115 - 230V/1/50-60 230 - 460V/3/50-60 Add -S to Motor Starter PCN when ordering motor starter for use with DRI-STOP® Pump Protector. i. e. O-MS1P-S Important: Specify operating voltage.	O-MS1P O-MS3P
DRI-STOP® PUMP PROTECTOR	
DRI-STOP 2R for use with double mechanical seal pumps. DRI-STOP 3 for use with magnetic drive or single mechanical seal pumps.	O-2DS2R O-DS3C

DESCRIPTION	PRICE CODE NO.
OPERATING VOLTAGE	
1 horsepower & above - Single phase	O-1PH
Under 1 horsepower - Three phase	O-3PH
50 Hz OPERATION	
Single Phase @ 50 Hz	O-150H
Three phase @ 50 Hz	O-350H