



BAG FILTRATION SYSTEMS

COMPACT, ECONOMICAL FILTRATION AND PURIFICATION



SPACE-SAVER

**SUPER
SPACE-SAVER**



GUARDIAN

- **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.
Mechical 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 in bottom out design which simplifies bag changes.

BAG FILTRATION SYSTEM Specifications and Ordering Information

Standard BAG FILTRATION systems include:

- Non-metallic solution contact
- Corrosion resistant mounting base.
- Industrail 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

Systems with 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 Connetctions (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 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 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.

Systems with 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 Connetctions (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 pump

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

To order system with PVDF chamber 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.

BAG FILTRATION SYSTEM Specifications and Ordering Information

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
CGBF19.5M210	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
CGBF19.5FE110	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
CGBF19.5FE215	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
CGBF19.5FE320	5,500	17,400	FE	2.0	32	1255	19.5	2 x 1 1/2	250

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 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
CGBF19.5HK45	2,500	7,900	HK	1.5	23	1255	19.5	1 1/2 x 1 1/2	205
CGBF12HE115	9,000	12,600	HE	1.5	24	1235	12.0	2 X 1/2	215
CGBF19.5HE115	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
CGBF19.5HE220	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
CGBF19.5HE330	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 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.

BAG FILTRATION SYSTEM Specifications and Ordering Information

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
CGBF19.5FES215	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
CGBF19.5FES320	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
CGBF19.5FES430	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 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 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 separately. Refer to Bulletin C-307 for 630 & 640 chambers or Bulletin C-308 for 1235 & 1255 chambers.

OPTIONAL

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.	DESCRIPTION	PRICE CODE NO.
VITON ELASTOMERS		OPERATING VOLTAGE	
Series 'L' chambers	O-LV	1 horsepower & above - Single phase	O-1PH
Series 'S' chambers	O-SV	Under 1 horsepower - Three phase	O-3PH
PRIMING CHAMBER		50 Hz OPERATION	
Pump Series B & HC - polypropylene	O-PC4	Single Phase @ 50 Hz	O-150H
Pump Series HK - Noryl / PVC	O-PC6	Three phase @ 50 Hz	O-350H

