

SERFILCO®

SUPER SPACE-SAVER FILTRATION SYSTEMS

BULLETIN
F-205F
Aug. 2005



System CG60M210

- 12-50" cartridge filter chamber
- 1HP mag. drive pump
- Optional motor starter
- 3000 GPH

COMPACT, ECONOMICAL FILTRATION AND PURIFICATION

- **Flow rates to 6500 GPH @ 60 Hz
(20,500) LPH @ 50 Hz**
- **Non-metallic solution contact**
PVC, CPVC or polypropylene
PVDF systems available
- **Choice of pump: magnetic coupled, single
or double mechanical seal, self-priming**
- **Choice of media: sleeve, cartridge or bag**

Super Space-Saver Filtration Systems have gained wide approval for recirculatory purification of most electroplating and chemical process solutions.

Choose a basic filtration system with your choice of media, pump and filter chamber. Then select from a wide variety of optional equipment to customize your system.

Call us and we'll help you select the perfect system for your application.

The following pages contain a representative sampling of standard Super Space-Saver systems.

SUPER SPACE-SAVER SYSTEMS

include the following standard features:

- Non-metallic solution contact
- Stainless steel external fasteners
- Swing bolt chamber closures
- EPDM elastomers standard, Viton optional
- Corrosion resistant hooded base
- Flow control valve between pump and filter
- Drain valve on filter chamber
- Industrial duty SERFILCO pump
- Hard piping and wet testing prior to shipping
- Corrosion resistant vent valve
- Silicon carbide seals on mechanical seal pumps
- Glycerin filled 316 SS pressure gauge and guard assembly

SUPER SPACE-SAVER FILTRATION SYSTEMS

CPVC or Polypropylene direct drive² pump with CPVC, PVC or Polypropylene¹ filter chamber

System Number	Flow Rate		Pump Series	Pump HP	Pump Max. PSI	Cartridge Change PSI	Filter Series	Media	Solids Area (sq. ft)	Suct. / Disch FNPT Conns. (inches)	Overall Dimensions (in.) (L x W x H)	Ship. Weight (lbs)
	GPH @ 60 Hz	LPH @ 50 Hz										
CG24HE115	4,200	13,200	HE	1.5	24	20	G	12 - 20"	84	2 x 1½	27 x 19 x 50	205
CG36HE115	4,200	13,200	HE	1.5	24	20	G	12 - 30"	126	2 x 1½	27 x 19 x 60	215
CG48HE115	4,200	13,200	HE	1.5	24	20	G	12 - 40"	168	2 x 1½	27 x 19 x 70	230
CG36HE220	5,400	17,000	HE	2.0	27	24	G	12 - 20"	126	2 x 1½	27 x 19 x 60	225
CG48HE220	5,400	17,000	HE	2.0	27	24	G	12 - 40"	168	2 x 1½	27 x 19 x 70	240
CG60HE220	5,400	17,000	HE	2.0	27	24	G	12 - 50"	210	2 x 1½	27 x 19 x 80	250
CG36HE330	6,500	20,500	HE	3.0	36	24	G	12 - 20"	126	2 x 1½	27 x 19 x 60	225
CG48HE330	6,500	20,500	HE	3.0	36	24	G	12 - 40"	168	2 x 1½	27 x 19 x 70	240
CG60HE330	6,500	20,500	HE	3.0	36	24	G	12 - 50"	210	2 x 1½	27 x 19 x 80	250

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

System Number	Flow Rate		Pump Series	Pump HP	Pump Max. PSI	Cartridge Change PSI	Filter Series	Media	Solids Area (sq. ft)	Suct. / Disch FNPT Conns. (inches)	Overall Dimensions (in.) (L x W x H)	Ship. Weight (lbs)
	GPH @ 60 Hz	LPH @ 50 Hz										
CG24M210	3,000	9,500	M	1.0	20	16	G	12 - 20"	84	1½ x 1½	27 x 19 x 50	185
CG36M210	3,000	9,500	M	1.0	20	16	G	12 - 30"	126	1½ x 1½	27 x 19 x 60	195
CG48M210	3,000	9,500	M	1.0	20	16	G	12 - 40"	168	1½ x 1½	27 x 19 x 70	210
CG36F315	3,900	12,300	F	1.5	20	16	G	12 - 30"	126	1½ x 1½	27 x 19 x 60	215
CG48F315	3,900	12,300	F	1.5	20	16	G	12 - 40"	168	1½ x 1½	27 x 19 x 70	230
CG60F315	3,900	12,300	F	1.5	20	16	G	12 - 50"	210	1½ x 1½	27 x 19 x 80	240
CG36F420	4,700	14,800	F	2.0	26	24	G	12 - 30"	126	1½ x 1½	27 x 19 x 60	225
CG48F420	4,700	14,800	F	2.0	26	24	G	12 - 40"	168	1½ x 1½	27 x 19 x 70	240
CG60F420	4,700	14,800	F	2.0	26	24	G	12 - 50"	210	1½ x 1½	27 x 19 x 80	250
CG36F530	6,000	18,900	F	3.0	35	30	G	12 - 30"	126	1½ x 1½	27 x 19 x 60	235
CG48F530	6,000	18,900	F	3.0	35	30	G	12 - 40"	168	1½ x 1½	27 x 19 x 70	245
CG60F530	6,000	18,900	F	3.0	35	30	G	12 - 50"	210	1½ x 1½	27 x 19 x 80	255

¹ Listed system includes CPVC chamber. To order system with PVC chamber — change the first **C** to **P** in System Number
For polypropylene systems, change the first **C** to **PP** in System Number.
For PVDF systems, consult Sales Department

² To order pump with double mechanical seal — change **HE** to **HED** in System No.

SUPER SPACE-SAVER FILTRATION SYSTEMS

Bag Filtration Systems with Series 'G' Bag Chambers

Polypropylene or CPVC direct drive² pump with CPVC, PVC or Polypropylene¹ filter chamber

System Number	Flow Rate		Pump Series	Pump HP	Pump Max. PSI	Filter Series	Bag Area (sq. ft)	Suct. / Disch FNPT Conns. (inches)	Overall Dimensions (in.) (L x W x H)	Ship. Weight (lbs)
	GPH @ 60 Hz	LPH @ 50 Hz								
CGB12HK415	3,000	9,500	HK	1.5	23	G	12.0	1 1/2 x 1 1/2	27 x 19 x 60	200
CGB12HE115	4,200	13,200	HE	1.5	24	G	12.0	1 1/2 x 1 1/2	27 x 19 x 60	215
CGB12HE220	5,400	17,000	HE	2.0	27	G	12.0	1 1/2 x 1 1/2	27 x 19 x 60	225

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

CGB12M210	3,000	9,500	M	1.0	20	G	12.0	1 1/2 x 1 1/2	27 x 19 x 60	195
CGB12F115	3,900	11,300	F	1.5	20	G	12.0	1 1/2 x 1 1/2	27 x 19 x 60	215
CGB12F420	4,700	14,800	F	2.0	26	G	12.0	1 1/2 x 1 1/2	27 x 19 x 60	225

¹ Listed system includes CPVC chamber: To order system with PVC chamber - Change **C** to **P** in System No.

For polypropylene systems, change the first **C** to **PP** in System Number (Not available for CGB12HK415)

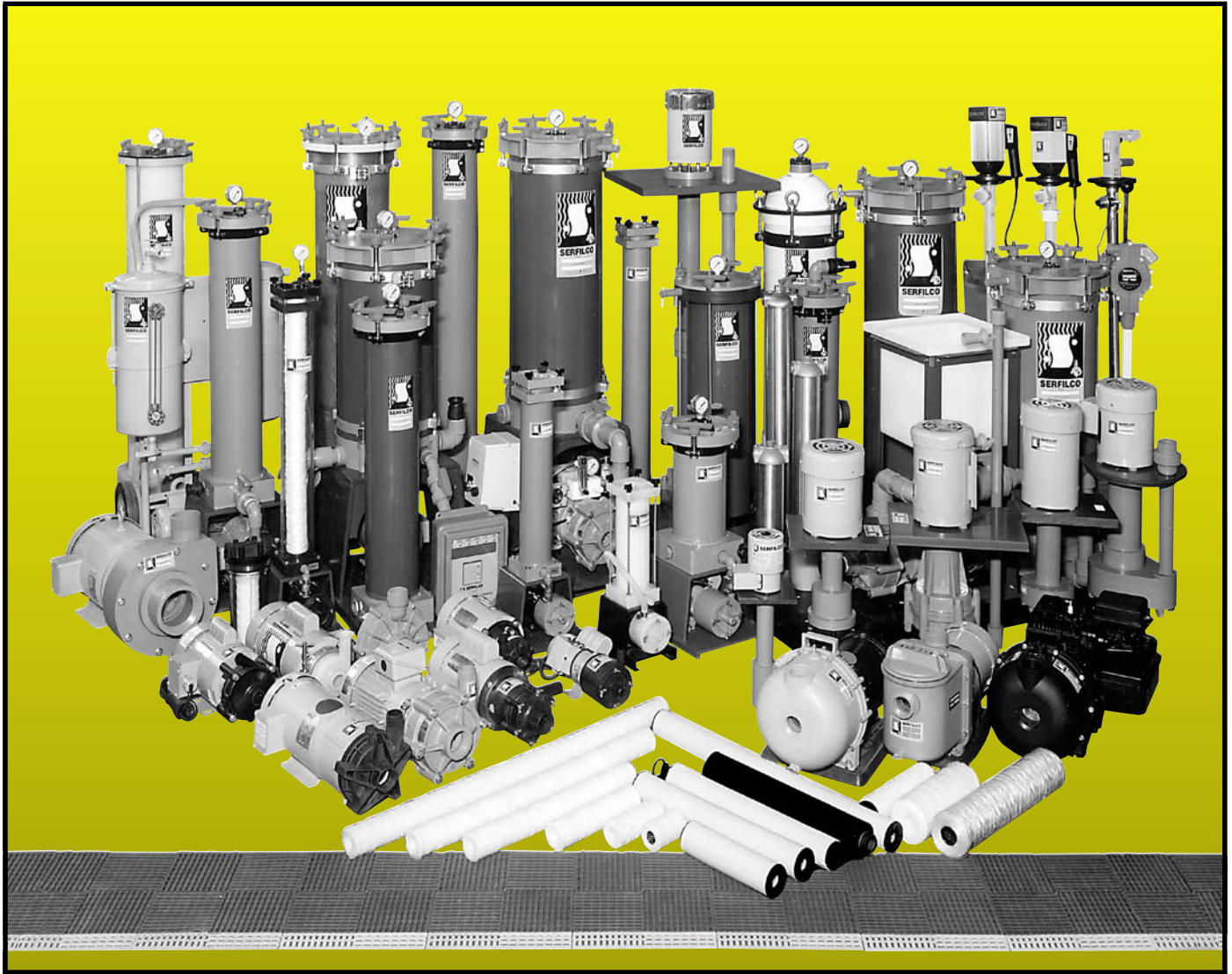
² To order pump with double mechanical seal - Change **HK** to **HKD** or **HE** to **HED** in System No.

OPTIONAL

OPTIONAL ELASTOMERS	PRICE CODE NO.
'G' chamber with Hypalon® and pump with Viton® elastomers	O-GH
MOTOR STARTERS - NEMA 4X Watertight push button	
115 - 230V/1/50-60 230 - 460V/3/50-60	O-MS1P O-MS3P
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.	
DRI-STOP® PUMP PROTECTOR	
DRI-STOP 2R for use with double mechanical seal pumps	O-2DS2R
DRI-STOP 3 for use with magnetic drive or single mechanical seal pumps.	O-DS3C
50 Hz OPERATION	
Single phase @ 50 Hz Three phase @ 50 Hz	O-150H O-350H

SLEEVES FOR CARTRIDGE CHAMBERS (CPVC / POLYPROPYLENE)		
NO. OF 10" CART.	LENGTH / QUANTITY OF SLEEVE ASSEMBLIES REQ'D	PRICE CODE NUMBER FOR COMPLETE SET
24	20"/12	O-2012
36	30"/12	O-3012
48	40"/12	O-4012
60	50"/12	O-5012

Also available from SERFILCO:



Your one-stop source for pumping, filtration and purification needs!

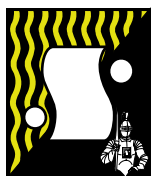
SERFILCO can help you realize the economic value of clarification and purification of your process solutions and waste streams. Our wide range of pumps, filters, packaged systems, accessories and related control instruments make it possible for you to take advantage of one-stop shopping for all of your liquid handling needs. With modern filtration technology at work in your facility, you can reduce waste, lower your manufacturing costs, and enhance product integrity.

We've been serving industry worldwide for 40 years. We're ready to serve you, too!

F.O.B. Northbrook, Illinois

Specifications subject to change without notice.

Registered trademarks:
Viton, Hypalon - DuPont Dow Elastomers



SERFILCO[®], LTD.

2900 MacArthur Blvd. 847-509-2900
Northbrook, IL 60062-2005 U.S.A. 800-323-5431
e-mail: sales@serfilco.com FAX: 847-559-1995
www.serfilco.com

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