



SERFILCO® SUPER SPACE-SAVER®

BULLETIN
SP-194A
OCT. 2000

*Cartridge / Sleeve Filtration Systems
with Series 'GC' Filter Chambers
and Choice of Pump*



All Super Space-Savers include the following standard features:

- Non-metallic solution contact
- Stainless steel external fasteners
- Swing bolt chamber closures
- Viton® / Hypalon® elastomers standard
- 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 pressure gauge and vent valve
- Silicon carbide seals standard on non-self-priming mechanical seal pumps

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Systems with polypropylene magnetic drive pump and CPVC or PVC¹ filter chamber

System Number	Flow Rate		Pump Series	Pump HP ²	Pump Max. PSI	Cartridge Change PSI	Filter Series	Media	Solids Area (sq. ft.)	Suct. / Disch Conns. (inches)	Hose Kit Price Code No.
	GPH	LPH									
CGC24M208	3,500	11,000	M	¾	24	20	GC	12 - 20"	84	1½ x 1½ FNPT	99-1616
CGC36M208	3,500	11,000	M	¾	24	20	GC	12 - 30"	126	1½ x 1½ FNPT	99-1616

CGC24M310	4,000	12,600	M	1.0	28	23	GC	12 - 20"	84	1½ x 1½ FNPT	99-1616
CGC36M310	4,000	12,600	M	1.0	28	23	GC	12 - 30"	126	1½ x 1½ FNPT	99-1616
CGC48M310	4,000	12,600	M	1.0	28	23	GC	12 - 40"	168	1½ x 1½ FNPT	99-1616

CGC24F315	5,000	15,800	F	1.5	23	20	GC	12 - 20"	84	1½ x 1½ FNPT	99-1616
CGC36F315	5,000	15,800	F	1.5	23	20	GC	12 - 30"	126	1½ x 1½ FNPT	99-1616
CGC48F315	5,000	15,800	F	1.5	23	20	GC	12 - 40"	168	1½ x 1½ FNPT	99-1616

CGC24F420	5,500	17,300	F	2.0	29	25	GC	12 - 20"	84	1½ x 1½ FNPT	99-1616
CGC36F420	5,500	17,300	F	2.0	29	25	GC	12 - 30"	126	1½ x 1½ FNPT	99-1616
CGC48F420	5,500	17,300	F	2.0	29	25	GC	12 - 40"	168	1½ x 1½ FNPT	99-1616

CGC24F530	6,000	18,900	F	3.0	35	30	GC	12 - 20"	84	1½ x 1½ FNPT	99-1616
CGC36F530	6,000	18,900	F	3.0	35	30	GC	12 - 30"	126	1½ x 1½ FNPT	99-1616
CGC48F530	6,000	18,900	F	3.0	35	30	GC	12 - 40"	168	1½ x 1½ FNPT	99-1616

CGC48F850	8,500	26,800	F 2X2	5.0	45	33	GC	12 - 40"	168	2 x 2 FNPT	99-1620
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CGC48F975	10,000	31,500	F 2X2	7.5	55	42	GC	12 - 40"	168	2 x 2 FNPT	99-1620
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¹ Listed system includes CPVC chamber.

To order system with PVC chamber — change the first **C** to **P** in System No. and Model No.

² Less than 1.0 HP — single phase standard.

1.0 HP and above — three phase standard.

See page 8 for voltage and amp draw.

Systems with polypropylene magnetic drive pump and CPVC or PVC¹ filter chamber

System Number	Overall Dimensions (in.) (L x W x H)	Ship. Weight (lbs.)	Model Number	Price PVC Chamber	Price CPVC Chamber
CGC24M208	27 x 18 x 51	180	CH240SC 1¼C MPVCR2B-C.75 G3A-V1-DV7 S/S	\$ 3,428	\$ 3,767
CGC36M208	27 x 18 x 61	190	CH360SC 1¼C MPVCR2B-C.75 G3A-V1-DV7 S/S	3,642	3,980

CGC24M310	27 x 18 x 51	190	CH240SC 1¼C MPVCR3C-D1.0 G3A-V1-DV7 S/S	3,525	3,864
CGC36M310	27 x 18 x 61	200	CH360SC 1¼C MPVCR3C-D1.0 G3A-V1-DV7 S/S	3,739	4,077
CGC48M310	27 x 18 x 71	210	CH480SC 1¼C MPVCR3C-D1.0 G3A-V1-DV7 S/S	3,953	4,290

CGC24F315	27 x 18 x 51	200	CH240SC 1½C MPVGC3-D1.5 G3A-V1-DV7 S/S	3,943	4,282
CGC36F315	27 x 18 x 61	210	CH360SC 1½C MPVGC3-D1.5 G3A-V1-DV7 S/S	4,158	4,495
CGC48F315	27 x 18 x 71	220	CH480SC 1½C MPVGC3-D1.5 G3A-V1-DV7 S/S	4,371	4,708

CGC24F420	27 x 18 x 51	210	CH240SC 1½C MPVGC4-D2.0 G3A-V1-DV7 S/S	3,971	4,310
CGC36F420	27 x 18 x 61	220	CH360SC 1½C MPVGC4-D2.0 G3A-V1-DV7 S/S	4,185	4,523
CGC48F420	27 x 18 x 71	230	CH480SC 1½C MPVGC4-D2.0 G3A-V1-DV7 S/S	4,398	4,736

CGC24F530	27 x 18 x 51	220	CH240SC 1½C MPVGC5-D3.0 G3A-V1-DV7 S/S	4,012	4,350
CGC36F530	27 x 18 x 61	230	CH360SC 1½C MPVGC5-D3.0 G3A-V1-DV7 S/S	4,226	4,563
CGC48F530	27 x 18 x 71	240	CH480SC 1½C MPVGC5-D3.0 G3A-V1-DV7 S/S	4,439	4,756

CGC48F850	27 x 18 x 71	260	CH480SC 2C MPVGC8-D5.0 G3A-V1-DV7 S/S	5,678	6,016
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CGC48F975	27 x 18 x 71	275	CH480SC 2C MPVGC9-D7.5 G3A-V1-DV7 S/S	5,806	6,143
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Systems with CPVC single or double seal² direct drive pump and CPVC or PVC¹ filter chamber

System Number	Flow Rate		Pump Series	Pump HP ³	Pump Max. PSI	Cartridge Change PSI	Filter Series	Media	Solids Area (sq. ft.)	Suct. / Disch Conns. (inches)	Hose Kit Price Code No.
	GPH	LPH									
CGC24HE115	5,000	15,800	HE	1.5	24	19	GC	12 - 20"	84	2 x 2 FNPT	99-1620
CGC36HE115	5,000	15,800	HE	1.5	24	19	GC	12 - 30"	126	2 x 2 FNPT	99-1620
CGC48HE115	5,000	15,800	HE	1.5	24	19	GC	12 - 40"	168	2 x 2 FNPT	99-1620

CGC24HE220	5,500	17,300	HE	2.0	29	26	GC	12 - 20"	84	2 x 2 FNPT	99-1620
CGC36HE220	5,500	17,300	HE	2.0	29	26	GC	12 - 30"	126	2 x 2 FNPT	99-1620
CGC48HE220	5,500	17,300	HE	2.0	29	26	GC	12 - 40"	168	2 x 2 FNPT	99-1620

CGC24HE330	6,500	20,500	HE	3.0	36	32	GC	12 - 20"	84	2 x 2 FNPT	99-1620
CGC36HE330	6,500	20,500	HE	3.0	36	32	GC	12 - 30"	126	2 x 2 FNPT	99-1620
CGC48HE330	6,500	20,500	HE	3.0	36	32	GC	12 - 40"	168	2 x 2 FNPT	99-1620

CGC48HE450	8,500	26,800	HE	5.0	50	45	GC	12 - 40"	168	2 x 2 FNPT	99-1620
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CGC48HE575	10,000	31,500	HE	7.5	60	45	GC	12 - 40"	168	2 x 2 FNPT	99-1620
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¹ Listed system includes CPVC chamber.

To order system with PVC chamber — change the first **C** to **P** in System No. and Model No.

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

³ Less than 1.0 HP — single phase standard.

1.0 HP and above — three phase standard.

See page 8 for voltage and amp draw.

Systems with CPVC single or double seal² direct drive pump and CPVC or PVC¹ filter chamber

System Number	Overall Dimensions (in.) (L x W x H)	Ship. Weight (lbs.)	Model Number	Price PVC Chamber	Price CPVC Chamber
CGC24HE115	27 x 18 x 51	200	CH240SC 1½C H2X1½CE1V(M8)-D1.5 G3A-V1-DV7	\$ 3,800	\$ 4,138
CGC36HE115	27 x 18 x 61	210	S/S	4,014	4,351
CGC48HE115	27 x 18 x 71	220	CH360SC 1½C H2X1½CE1V(M8)-D1.5 G3A-V1-DV7	4,227	4,565

S/S

CH480SC 1½C H2X1½CE1V(M8)-D1.5 G3A-V1-DV7

CGC24HE220	27 x 18 x 51	210	S/S	3,887	4,226
CGC36HE220	27 x 18 x 61	220		4,101	4,439
CGC48HE220	27 x 18 x 71	230		4,315	4,652

CH240SC 1½C H2X1½CE2V(M8)-D2.0 G3A-V1-DV7

S/S

CGC24HE330	27 x 18 x 51	220	CH360SC 1½C H2X1½CE2V(M8)-D2.0 G3A-V1-DV7	4,139	4,478
CGC36HE330	27 x 18 x 61	230	S/S	4,350	4,691
CGC48HE330	27 x 18 x 71	240	CH480SC 1½C H2X1½CE2V(M8)-D2.0 G3A-V1-DV7	4,567	4,904

S/S

CGC48HE450	27 x 18 x 51	260		4,853	5,191
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CH240SC 1½C H2X1½CE3V(M8)-D3.0 G3A-V1-DV7

S/S

CGC48HE575	27 x 18 x 51	275	CH360SC 1½C H2X1½CE3V(M8)-D3.0 G3A-V1-DV7	4,975	5,312
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Systems with Noryl® single seal self-priming pump and CPVC or PVC¹ filter chamber

System Number	Flow Rate		Pump Series	Pump HP ²	Pump Max. PSI	Cartridge Change PSI	Filter Series	Media	Solids Area (sq. ft.)	Suct. / Disch Conns. (inches)	Hose Kit Price Code No.
	GPH	LPH									
CGC24GC10	3500	11,000	G	1.0	26	22	GC	12 - 20"	84	2 M x 1½ FNPT	99-1622
CGC36GC10	3500	11,000	G	1.0	26	22	GC	12 - 30"	126	2 M x 1½ FNPT	99-1622
CGC48GC10	3500	11,000	G	1.0	26	22	GC	12 - 40"	168	2 M x 1½ FNPT	99-1622

CGC24GD15	4500	14,200	G	1.5	30	26	GC	12 - 20"	84	2 M x 1½ FNPT	99-1622
CGC36GD15	4500	14,200	G	1.5	30	26	GC	12 - 30"	126	2 M x 1½ FNPT	99-1622
CGC48GD15	4500	14,200	G	1.5	30	26	GC	12 - 40"	168	2 M x 1½ FNPT	99-1622

CGC24GE20	5500	17,300	G	2.0	32	28	GC	12 - 20"	84	2 M x 1½ FNPT	99-1622
CGC36GE20	5500	17,300	G	2.0	32	28	GC	12 - 30"	126	2 M x 1½ FNPT	99-1622
CGC48GE20	5500	17,300	G	2.0	32	28	GC	12 - 40"	168	2 M x 1½ FNPT	99-1622

¹ Listed system includes CPVC chamber.
To order system with PVC chamber — change the first **C** to **P** in System No. and Model No.

² Three phase standard.
See page 8 for voltage and amp draw.

Systems with Noryl single seal self-priming pump and CPVC or PVC filter chamber

System Number	Overall Dimensions (in.) (L x W x H)	Ship. Weight (lbs.)	Model Number	Price PVC Chamber	Price CPVC Chamber
CGC24GC10	27 x 18 x 51	190	CH240SC 1½C GNOKCVN-D1.0 G3A-V1-DV7 S/S	\$ 3,545	\$ 3,883
CGC36GC10	27 x 18 x 61	200	CH360SC 1½C GNOKCVN-D1.0 G3A-V1-DV7 S/S	3,759	4,188
CGC48GC10	27 x 18 x 71	210	CH480SC 1½C GNOKCVN-D1.0 G3A-V1-DV7 S/S	3,972	4,310

CGC24GD15	27 x 18 x 51	195	CH240SC 1½C GNOKDVN-D1.5 G3A-V1-DV7 S/S	3,561	3,899
CGC36GD15	27 x 18 x 61	205	CH360SC 1½C GNOKDVN-D1.5 G3A-V1-DV7 S/S	3,775	4,113
CGC48GD15	27 x 18 x 71	215	CH480SC 1½C GNOKDVN-D1.5 G3A-V1-DV7 S/S	3,988	4,326

CGC24GE20	27 x 18 x 51	200	CH240SC 1½C GNOKEVN-D2.0 G3A-V1-DV7 S/S	3,606	3,944
CGC36GE20	27 x 18 x 61	210	CH360SC 1½C GNOKEVN-D2.0 G3A-V1-DV7 S/S	3,820	4,157
CGC48GE20	27 x 18 x 71	220	CH480SC 1½C GNOKEVN-D2.0 G3A-V1-DV7 S/S	4,033	4,371

VOLTAGE

PUMP SERIES	SINGLE PHASE	THREE PHASE
M	115/208-230V/1/60 or 190/200-220V/1/50	208-230/460V/3/60 or 190/380-415V/3/50
F	115/208-230V/1/60 or 220/440V/1/50	208-230/460V/3/60 or 380-415V/3/50
F2x2	—	208-230/460V/3/60 or 380-415V/3/50
HE	—	208-230/460V/3/60 or 190/380-415V/3/50
G	115/208-230V/1/60 or 190/200-220V/1/50	230/460V/3/50-60

TYPICAL FULL LOAD CURRENT (AMPS)

HP	SINGLE PHASE			THREE PHASE		
	115V	208V	230V	208V	230V	460V
3/4	13.8	9.2	10	3.2	3.6	2.6
1.0	16	11.5	12	4.2	5.2	3.4
1.5	20	13.8	—	6	6.8	4.8
2.0	24	—	—	7.8	9.6	7.6
3.0	—	—	—	11	15.2	11
5.0	—	—	—	17.5	22	—
7.5	—	6.9	—	25	1.4	—
	7.9	8		2.8	1.8	

OPTIONAL

DESCRIPTION	PRICE CODE NO.
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 Price Code No. 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 pump.	O-2DS2R
DRI-STOP 3 for use with magnetic drive or single mechanical seal pump.	O-DS3C

DESCRIPTION	PRICE CODE NO.
OPERATING VOLTAGE	
1 horsepower and above - Single phase Under 1 horsepower - Three phase	O-1PH O-3PH
50 Hz OPERATION	
Single phase @ 50 Hz Three phase @ 50 Hz	O-150H O-350H
EPDM ELASTOMERS	
'GC' chamber (12 column)	O-GL