

TECHNICAL BULLETIN TC-104A FEB. 1993

Chart A illustrates the economic feasibility of oversizing a chamber, when viewed from a cost per filter cartridge perspective. The dirt holding capacity of a cartridge is increased if the flow rate through each cartridge is decreased. This, in

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turn, reduces the number of filter cartridges required to handle a given dirt load and reduces the labor costs associated with filter cartridge replacement by increasing the time period between change outs.

CHARTA

OVERSIZING FACTOR	NUMBER OF CARTRIDGES PER CHAMBER *	DIRT HOLDING FACTORS PER CARTRIDGE	TIME BETWEEN CARTRIDGE CHANGES	CARTRIDGE CONSUMPTION & COST REDUCED BY:	LABOR COST, DOWNTIME & SOLUTION LOSS REDUCED BY:
1	C	D	T	0	· 0
2	2XC	1.4D	3T	29%	67%
3	3XC	1.7D	5T	42%	80%
4	4XC	2D	8T	50%	871/2%

* Based on average sizing [i.e. 1 x 10" (25 cm) cartridge per 50 gallons (189L)].

CHART B (For complete Filter Systems, see Chart D on reverse side)

CHAMBER SERIES	MODEL	PRICE CODE NO.	NUMBER OF 10" CARTRIDGES	CHAMBER PRICE **	CHAMBER COST PER 10" CARTRIDGE
L	CL10 3/4	78-0240A	1	\$ 209.62	\$ 209.62
	CL20 3/4	78-0241A	2	268.16	134.08
	CL30 3/4	78-0242A	3	326.70	108.90
	CL40 3/4	78-0243A	4	385.25	96.31
S	CL30(1)S-1-G3	78-0250	3	654.66	218.22
	CL60(2)S-1-G3	78-0251	6	771.69	128.62
	CL90(3)S-1-G3	78-0252	9	888.79	98.75
	CL120(4)S-1-G3	78-0253	12	1005.90	83.83
G	CL120S-11/2-G3A	78-1136C	12	1380.54	115.05
	CL240S-11/2-G3A	78-1137C	24	1718. 46	71.60
	CL360S-1½-G3A	78-1138C	36	1943.73	53.99
	CL480S-11/2-G3A	78-1139C	48	2401.98	50.41
	CL600S-11/2-G3A	78-1140C	60	2526.87	42.11

** Prices subject to change without notice.

CHART C

Example of savings based on Series 'G' chambers. (Does not reflect savings due to reduction of downtime & solution loss.)

CHAMBER MODEL	TIME BETWEEN CARTRIDGE CHANGES	COST OF CARTS. USED PER YEAR ¹	COST OF LABOR FOR CHANGING CARTS. PER YEAR ²	YEARLY SAVINGS 3
CL120S-11/2-G3A	4 Weeks	\$ 405.60	\$ 32.50	•
CL240S-11/2-G3A	12 Weeks	270.40	10.80	\$ 156.90
CL360S-1½-G3A	20 Weeks	243.36	6.50	188.24

¹ Based on \$2.60 each.

³ Compared to expenses on Model CL120S-1½-G3A

² Labor based on \$10.00 per hour @ 15 minutes per change.

Increasing the size of your filter chamber is particularly worthwhile, since most filter chambers are offered in larger sizes at only a slight increase in cost.

... plus savings in time and prevention of solution loss.

CHART D

FILTER SYSTEM SERIES	MODEL/ PRICE CODE NO.	NUMBER OF 10" CARTRIDGES	SYSTEM PRICE **	SYSTEM COST PER 10" CARTRIDGE
	CL1A	1	\$ 554.00	\$ 554.00
	CL2A	2	587.00	293.50
L	CL3A	3	622.00	207.33
	CL4A	4	656.00	164.00
	CS3HK	3	\$1865.00	\$621.67
	CS6HK	6	1980.00	330.00
S	CS9HK	9	2093.00	232.55 v
	CS12HK	12	2203.00	183.58
G	CG12HE	12	\$3190.00	\$319.00
	CG24HE	24	3534.00	147.25
	CG36HE	36	3763.00	104.53
	CG48HE	48	3993.00	83.19
	CG60HE	60	4108.00	68.47

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 1777 Shermer Rd.
 708-559-1777

 Northbrook, IL 60062-5360 U.S.A. 800-323-5431
 800-323-5431

 Telex: 289557 SERFC UR
 FAX: 708-559-1995

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