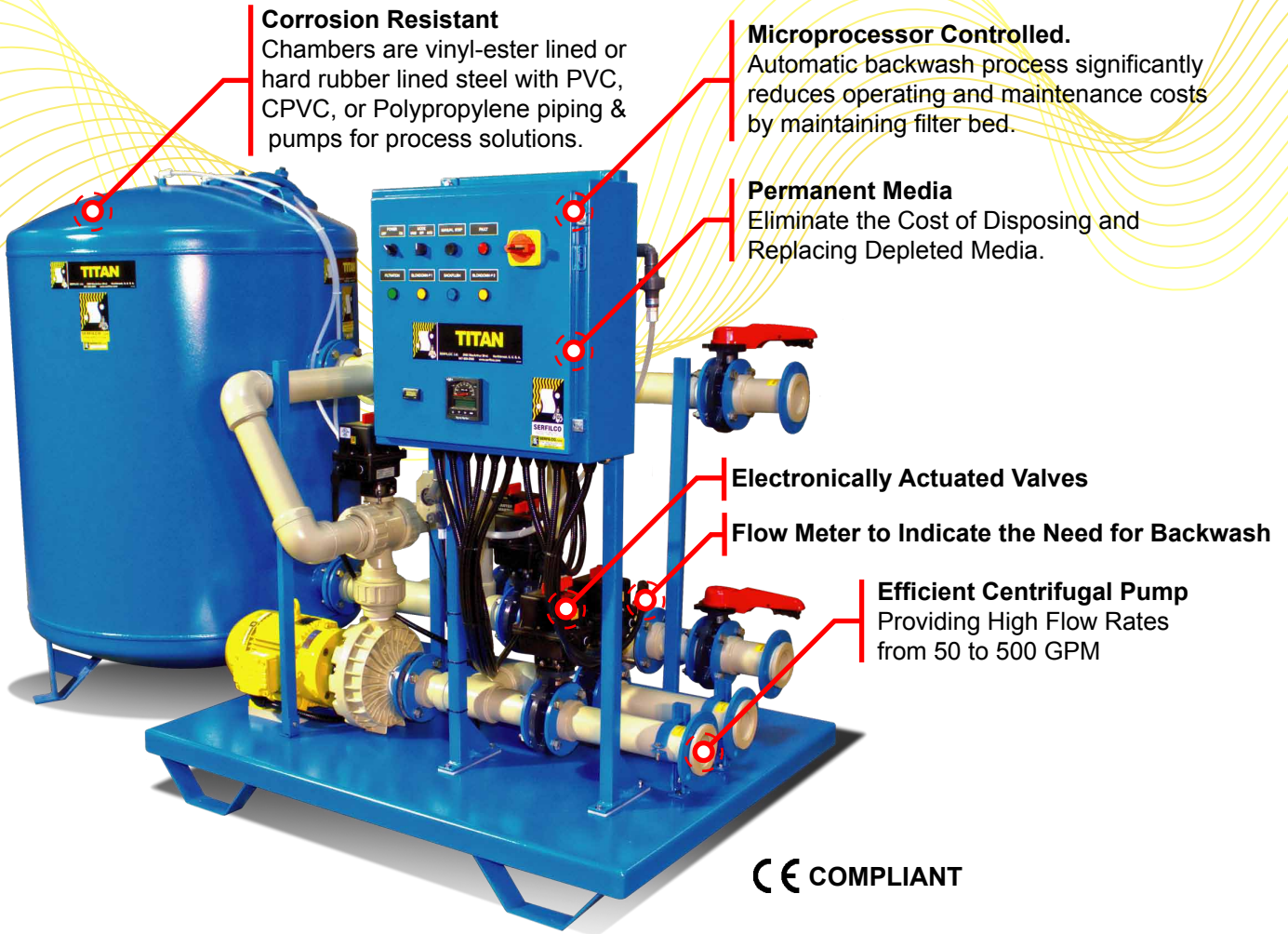




TITAN | FILTRATION SYSTEMS

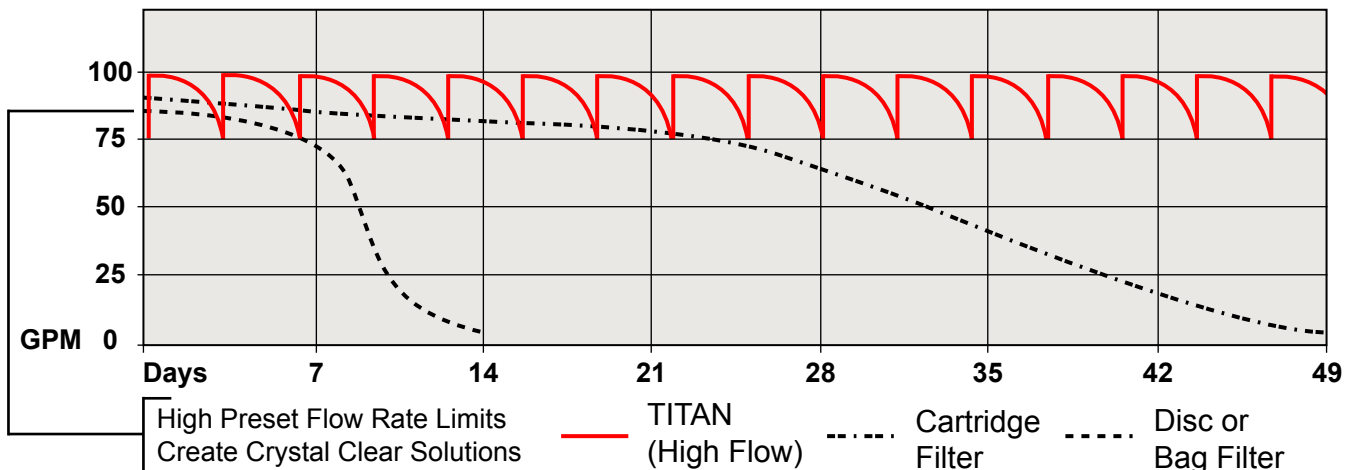
Permanent Media, Automatic Backwash System



CE COMPLIANT

Producing Sparkling Clean Solutions

TITAN vs. Other Filters

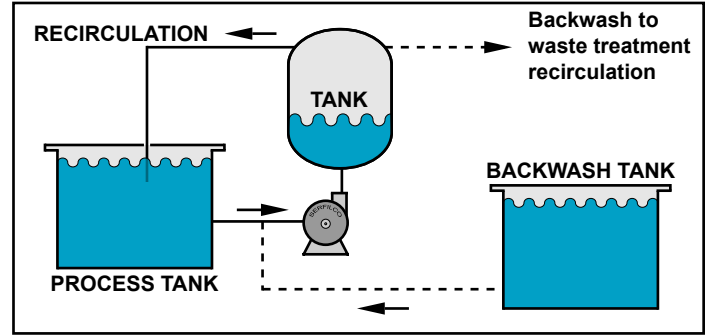




FILTRATION SYSTEMS FOR ACID/ALKALINES

Designed Specifically for Metal Finishing Solutions.

- For Acid or Alkaline Solutions:
 - Vinyl Ester Lined Chamber
 - Acid or Alkaline Zinc, Bright Nickel Plating Solutions, Anodizing and Phosphating Solutions.
 - Optional Carbon Purification Available.
- ✓ Improve Quality ✓ Reduce Chemical Consumption
- ✓ Minimize Re-Work ✓ Maintain a Crystal - Clear Bath



OPERATION SEQUENCE

- A) Filtration
- B) Air Purge Solution back to Process Tank.
- C) Backwash with Clean Water.
- D) Air Purge Backwash to Waste Treatment.

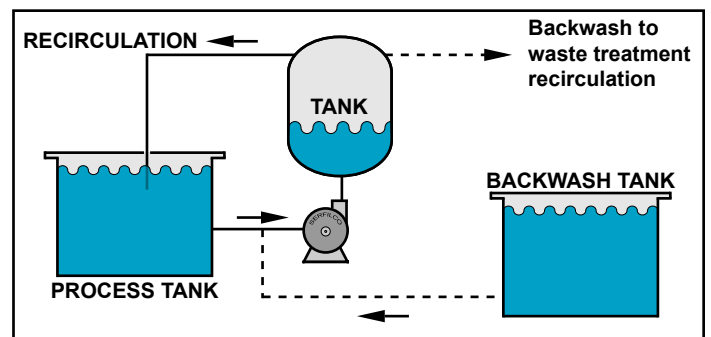
MODEL	PRICE CODE NO.	FLOW (GPM)	HP	SYSTEM DIMENSIONS (in.)		CONNS. (IN x OUT)	SHIP WEIGHT
				L x W x H	FILTER DIA.		
P50 AC P50 ALK	S-2926-1 S-2926-2	50	1.5	42 x 54 x 78	24**	1-1/2" NPT	900 lbs.
P70 AC P70 ALK P70 ALK-PP	S-2933-1 S-2933-2 S-2933-2PP	70	3	48 x 64 x 78	36**	2" NPT	1250 lbs.
P150 AC P150 ALK P150 ALK-PP	S-2930-1 S-2930-2 S-2930-2PP	150	5	48 x 64 x 78	42***	3" NPT	1650 lbs.
P200 AC P200 ALK P200 ALK-PP	S-2931-1 S-2931-2 S-2931-2PP	200	7.5	48 x 64 x 78	48***	3" NPT	1900 lbs.
P300 AC P300 ALK	Consult Sales	300	10	48 x 64 x 78	60***	4" NPT	2800 lbs.

* Full Flow, flooded suction, no discharge restriction (U.S. GPM @ 60Hz)
 ** Filter Chamber mounted on system base.
 *** Free standing filter chamber.

FILTRATION SYSTEMS FOR CLEANERS

Designed Specifically for Cleaners and Parts Washers.

- Aqueous Solutions and Cleaners to 190°F
 - Steel Chamber.
 - Extend Cleaner Life Almost Indefinitely.
 - Drastically Decrease Costly Dumping.



OPERATION SEQUENCE

- A) Filtration
- B) Air Purge Solution back to Cleaner Tank.
- C) Backwash with Clean Water.
- D) Air Purge Backwash to Waste Treatment.

MODEL	PRICE CODE NO.	HP	FLOW GPM*	SYSTEM DIMENSIONS (in.)		CONNS. (IN x OUT)	SHIP WT.
				L x W x H	FILTER DIA.		
CLN50 CLN100	S-2934-1 S-2934-2	1.0 3.0	50 100	42 x 54 x 78 48 x 64 x 78	24** 36**	1-1/2" NPT 1-1/2" NPT	950 lbs. 1250 lbs.

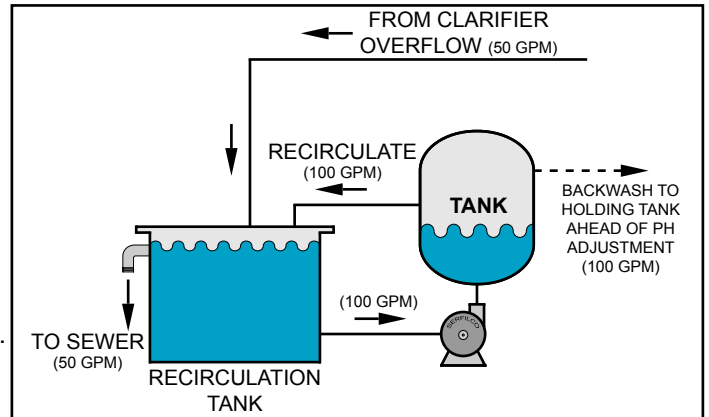
* Full flow, flooded suction, no discharge restriction (U.S. GPM @ 60Hz)
 ** Chamber is mounted on system base.



FILTRATION SYSTEMS FOR TREATED WASTE

Designed Specifically for Aqueous and Treated Waste Applications.

- For Aqueous and Treated Waste Applications:
 - Vinyl Ester Lined Chamber.
 - Satisfy Regulatory Requirements Economically with Ease.
 - Capture Low PPM Suspended Solids Exiting in Clarifier Overflow.
 - Polished Water can be re-used in non-critical Rinses.



OPERATION SEQUENCE

- A) Filtration
- B) Air Scrub
- C) Backwash to Waste Treat with Polished Water from Recirculation Tank

MODEL	PRICE CODE NO.	MAX FLOW (GPM)*	FLOW FROM CLARIFIER (GPM)	HP	SYSTEM DIMENSIONS (in.)		CONNS. (IN x OUT)	SHIP WT. (lbs.)
					L x W x H	FILTER DIA.		
W50	S-2920	50	10 - 25	1.5	42 x 54 x 78	24**	1-1/2" NPT	850
W100	S-2921	100	26 - 50	3	48 x 64 x 78	36**	2" NPT	1150
W150	S-2931	150	51 - 75	5	48 x 64 x 78	42***	3" NPT	1600
W200	S-2922	200	76 - 100	5	48 x 64 x 78	48***	3" NPT	1850
W300	S-2923	300	101 - 150	7.5	48 x 64 x 78	60***	4" FLANGE †	2400
W400	S-2924	400	151 - 200	10	48 x 64 x 78	66***	4" FLANGE †	2800
W500	S-2925	500	201 - 250	15	48 x 64 x 78	72***	6" FLANGE	3300

* Full Flow, flooded suction, no discharge restriction (U.S. GPM @ 60Hz)
 ** Filter Chamber mounted on system base.
 *** Free standing filter chamber.
 † 4" flanges also have interior 4" NPT threads.

BENEFITS

- ✓ *Improve Finish Quality Increase Yields, Eliminate Scrap and Rework.*
- ✓ *Reduce Chemical Consumption by Maintaining Solution Quality.*
- ✓ *Reduce or Eliminate Media & Disposal Costs.*
- ✓ *Minimize Solution Maintenance with High-Flow and Continuous Particle Removal.*
- ✓ *Satisfy Regulatory Requirements by Polishing Clarifier Overflow*

F.O.B. Northbrook, Illinois

Specifications Subject to Change Without Notice.

Registered Trademark: Viton - DuPont Dow Elastomers



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Chemical resistant pumps & filters engineered for industry

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TITAN | FILTRATION SYSTEMS

AVAILABLE OPTIONS

Cylindrical Polyethylene Backflush (Holding Tanks):

- Tank is required for cleaner and process units to provide adequate water volume.
- Tanks have 2" bulkhead fittings (specify size and location of additional bulkheads).

SYSTEM MODEL		CAPACITY GALLONS (gal)	DIMENSIONS (Ø x ht.) (in.)	SHIPPING WT (lbs.)	PRICE CODE NO.
CLN50	W50	165	31" x 55"	50	88-3337
P50	-	300	36" x 78"	75	88-3338
P70, CLN100	W100, W150	500	48" x 72"	100	88-3339
P150	W200	750	48" x 102"	160	88-3340
P200	W300	1000	64" x 79"	170	88-3341
-	W400	1500	64" x 115"	275	88-3342
-	W500	2100	87" x 87"	300	88-3343
-	-	3000	95" x 107"	450	88-3344

Carbon Purification Chambers:

- Provides convenient, economical and efficient organic particle removal.
- PVC construction & internals, EPDM elastomers.
- Includes flow control valve, fittings & 10' vinyl hose.

Rubber Lining for Steel Chambers

CARBON CAPACITY (lbs.)	FLOW RATE (GPM)*	CANISTERS NO. / SIZE	PRICE CODE NO.
21 lbs.	10	3 / 5" x 28"	O-3528
36 lbs.	17	3 / 5" x 48"	O-3548
49 lbs.	23	7 / 5" x 28"	O-3432-P
84 lbs.	39	7 / 5" x 48"	O-3433-P

MODEL	CHAMBER DIA. (in.)	PRICE CODE NO.
CLN50 / P50 / W50	24"	O-RL24
CLN100 / P70 / W100	36"	O-RL36
P150 / W150	42"	O-RL42
P200 / W200	48"	O-RL48
W300	60"	O-RL60
W400	66"	O-RL66
W500	72"	O-RL72

REPLACEMENT MEDIA

TITAN MODEL	MEDIA TYPE	FT. (cu.)	WEIGHT (lbs.)	QTY 50lb BAGS	P/N FOR 50lb BAG
C50	A1	4	200	4	99-1472-1
C100	A1	8	400	8	
P50ALK	A1	4	200	4	99-1472-1
P70ALK	A1	8	400	8	
P150ALK	A1	20	1000	20	
P200ALK	A1	23	1150	23	
P50AC	MW	3.5	350	7	99-1470
P70AC	MW	8	800	16	
P150AC	MW	20	2000	40	
P200AC	MW	23	2300	46	
W50	MW	3.5	350	7	99-1470
W100	MW	8	800	16	
W150	MW	20	2000	40	
W200	MW	23	2300	46	
W300	MW	35	3500	70	
W400	MW	50	5000	100	
W500	MW	58	8000	116	
KEY					
A1 = Anthracite (Fine Media)			MW = Filter Sand		

MEDIA TYPE	FT. (cu.)	WEIGHT (lbs.)	QTY 50lb BAGS	P/N FOR 50lb BAG
A2	2	100	2	99-1472-2
A2	4	200	4	
A2	2	100	2	99-1472-2
A2	4	200	4	
A2	6	300	6	
A2	12	600	12	
PG	1.5	150	3	99-1471
PG	4	400	8	
PG	6	600	12	
PG	12	1200	24	
PG	1.5	150	3	99-1471
PG	4	400	8	
PG	6	600	12	
PG	12	1200	24	
PG	19	1900	38	
PG	28	2800	56	
PG	33	3300	66	
KEY				
A2 = Anthracite (Coarse Media)			PG = Pea Gravel	