



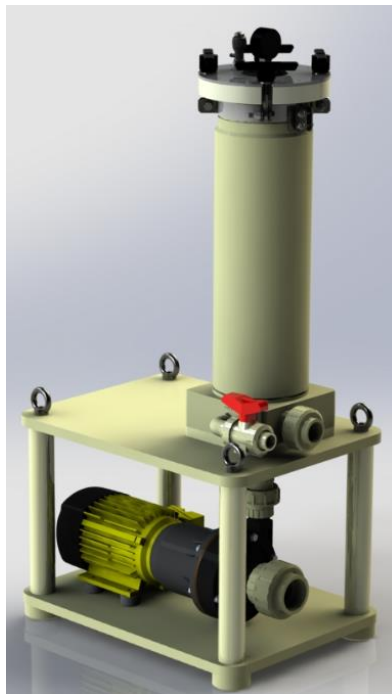
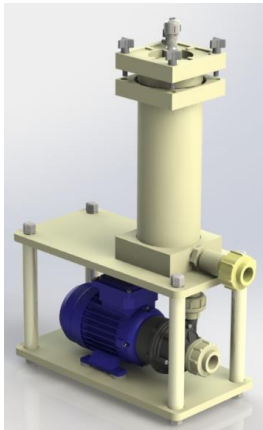
SERFILCO®

INTERNATIONAL LTD



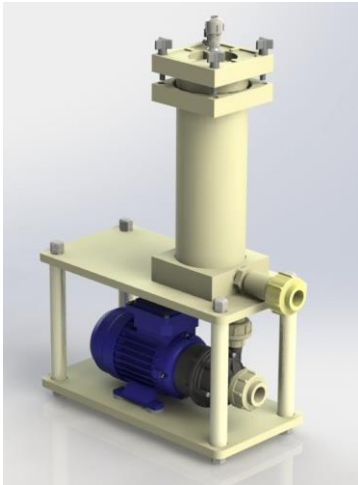
Global Products, Local Service & Advice You can Rely on

Filter Systems for Chemical Applications



SERFILCO Filter Chambers, Filtration Systems, Filtration Media, Pumps, Pump Accessories and Replacement Parts .

COMPACT, ECONOMICAL FILTRATION AND PURIFICATION



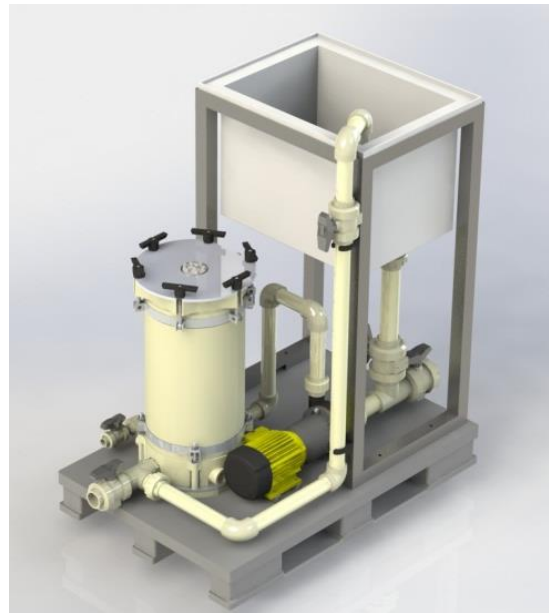
Labmaster

SERFILCO products have gained global approval for recirculation purification of most electroplating and chemical process solutions. They have proven to be a reliable workhorse for over half a century.



Admiral

SERFILCO Filtration Systems are compact, corrosion resistant and extremely simple to operate. A choice of construction materials allows their use with most liquids, including strong chemicals at elevated temperatures.



Guardian with optional slurry tank

With numerous systems in service around the globe, you can be confident a SERFILCO Filtration System will improve the clarity of your process solutions, increase production quality, and reduce process cost.

IN-TANK OR OUT-OF-TANK HIGH FLOW FILTRATION, CARBON OR RESIN PURIFICATION



Super Space-Saver with slurry

SERFILCO filters can accommodate a variety of filter media including cartridges, disks, bags, permanent media or carbon and GAC. The rugged construction features a low pressure drop for long intervals of continuous high flow and long service life.



Titan Automatic Filter

Choose a basic filtration system with your choice of media, pump and filter chamber. Then select from a wide range of optional equipment to customize your system. Call us and we'll help you select the perfect system for your application.

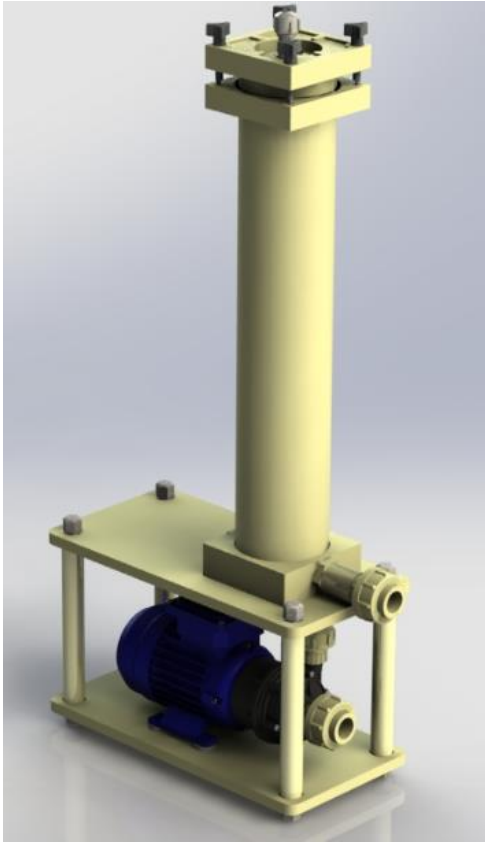


Optiflo with slurry and bypass carbon

With flow rates ranging from 500lph to 120m³/hr, surface areas up to 44m² and a variety of options and chemically resistant materials SERFILCO have a filter for every application.

SERFILCO FILTRATION RANGE

Labmaster L Range



Benefits

- **Seal-less magnetic drive pumps**

systems feature highly efficient seal-less magnetic coupled pumps for total solution containment and reliable performance.

- **Filter chamber**

Constructed of PP or PVDF to ensure chemical and temperature compatibility in a wide range of applications. The standard chamber accepts double open end (DOE) depth wound, pleated, melt blown, and carbon cartridges

- **Simple carbon or resin treatment**

These systems are also available with optional purification chambers reusable ABS canister offering a low-cost, but effective method of continuously or periodically removing organic impurities from plating baths and other chemical solutions.

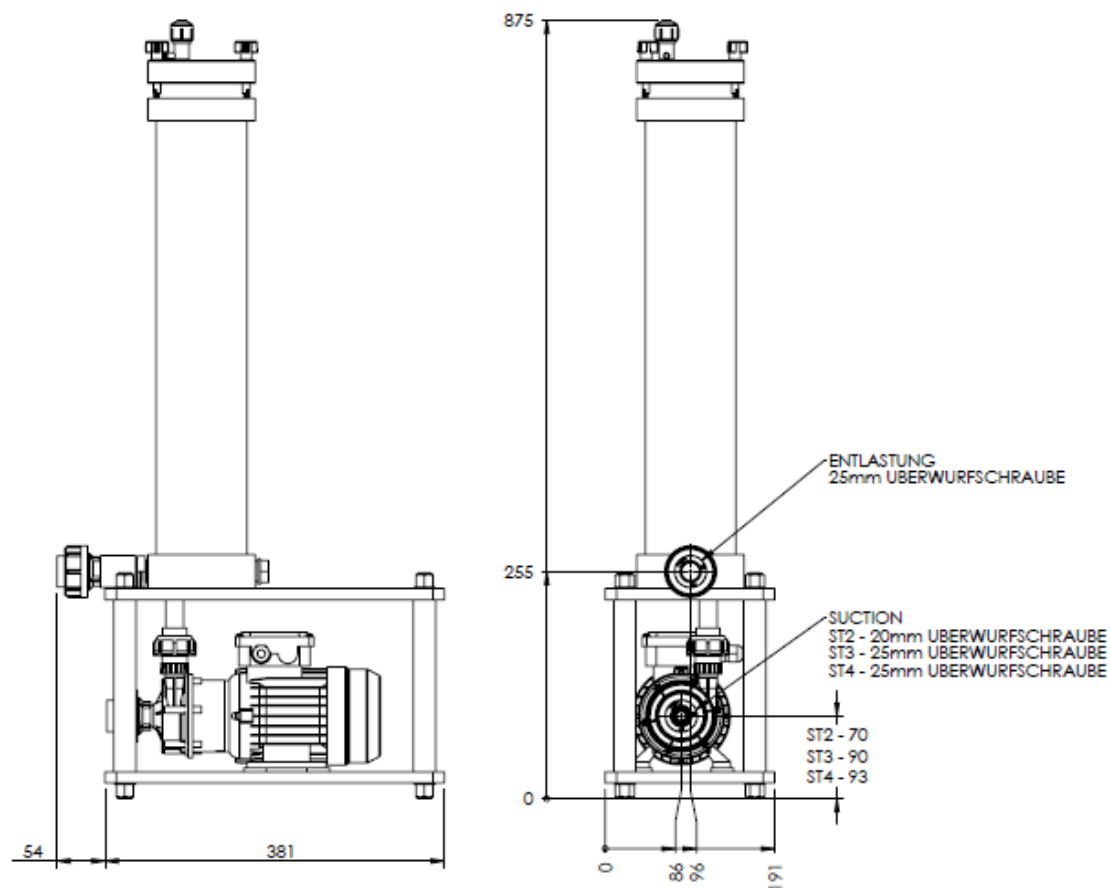
Labmaster Filtration Systems are compact, corrosion resistant and extremely simple to operate. A choice of construction materials allows use with most liquids, including harsh chemicals at elevated temperatures.

Systems utilize series ST magnetic coupled pumps which provide protection from vapor and liquid leaks. Pumps available in a variety of engineering grade plastics to suit chemistry and temperature, including PP, and PVDF.

SERFILCO FILTRATION RANGE

For tanks to 500 litres

Dimensions



Models

Flow	Model	Material	Media	Surface	Inlet	Outlet	Pump	Motor (kw)	Supply
1000	PPL2ST2CM24	PP/EPDM	1 x 20"	≤ 1m2	20mm	25mm	ST Mag-Drive	0.018	220-1-50
2500	PPL2ST3CM80				25mm	25mm		0.060w	
	PPL2ST4DM160							0.120W	400-3-50

For PVDF change PP to K in code and for Viton change L to V

For complete range including CPVC options please contact the sales office

SERFILCO FILTRATION RANGE

Spacesaver S Range



Benefits

- **Seal-less magnetic drive pumps**

systems feature highly efficient seal-less magnetic coupled pumps for total solution containment and reliable performance.

- **Filter chamber**

Constructed of PP or PVDF to ensure chemical and temperature compatibility in a wide range of applications. The standard chamber accepts double open end (DOE) depth wound, pleated, melt blown, and carbon cartridges

- **Simple carbon or resin treatment**

These systems are also available with optional purification chambers reusable ABS canister offering a low-cost, but effective method of continuously or periodically removing organic impurities from plating baths and other chemical solutions.

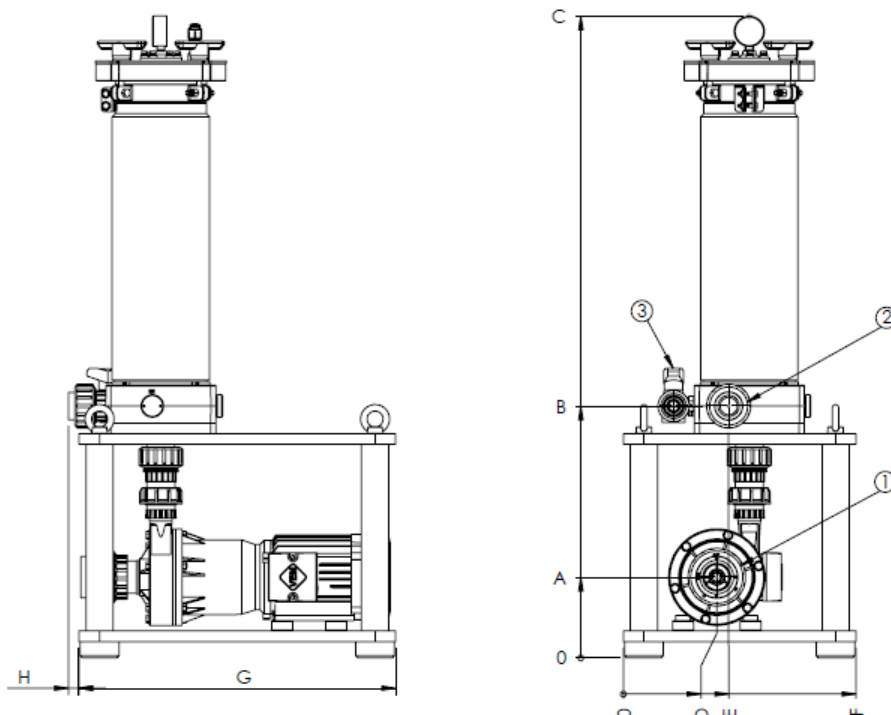
The S Series is engineered to provide reliable, high performance filtration in a small package. These compact pump and filter systems are popular for use on small to medium size tank production in GMF, the electronics industry and in precious metal plating.

Featuring the non-metallic, leak-proof Series 'ST' magnetic coupled pumps and industry proven Series 'S' filter chambers, these systems provide high flow and high turnover rates, assuring continuous particle removal. 'S' systems are available with an additional bypass carbon or resin purification chamber.

SERFILCO FILTRATION RANGE

For tanks to 2000 litres

Dimensions



Pump	Dimension										
	A	B	C	D	E	F	G	H	1	2	3
ST5H	105	377	1097	127	128	330	494	51	40mm Überwurfschraube	40mm Überwurfschraube	20mm Kugelhahn
ST6	113	377	1097	127	128	330	494	51	50mm Überwurfschraube	40mm Überwurfschraube	20mm Kugelhahn
ST6H	149	377	1184	173	195	430	585	20	63mm Überwurfschraube	40mm Überwurfschraube	20mm Kugelhahn

Models

Flow	Model	Material	Media	Surface	Inlet	Outlet	Pump	Motor (kw)	Supply
4500	PPSH6ST5HDM0.33	PP/EPDM	3 x 20"	≤3m2	40mm	40mm	ST Mag Drive	0.25kW	400-3-50
6500	PPSH6ST6DM0.75				63mm	40mm		0.55kW	
8500	PPSH6ST6HDM1.5				63mm	40mm		1.1kW	

Options:

For PVDF change PP to K in code and for Viton change L to V

For complete range of flows and media size, materials including CPVC, mechanical seal, double flush seal or bypass carbon chamber please contact the sales office

SERFILCO FILTRATION RANGE

Super Spacesaver G Range



Features

- Flow rates to 24m³/hr
- Non-metallic solution contact
- PP and PVDF systems available
- SS external fasteners
- Swing bolt chamber closures
- EPDM elastomers standard, FKM optional
- Corrosion resistant 4-pillar base
- Drain valve on filter chamber
- Choice of industrial duty mag-drive or sealed pumps
- Hard piping and wet testing prior to shipping

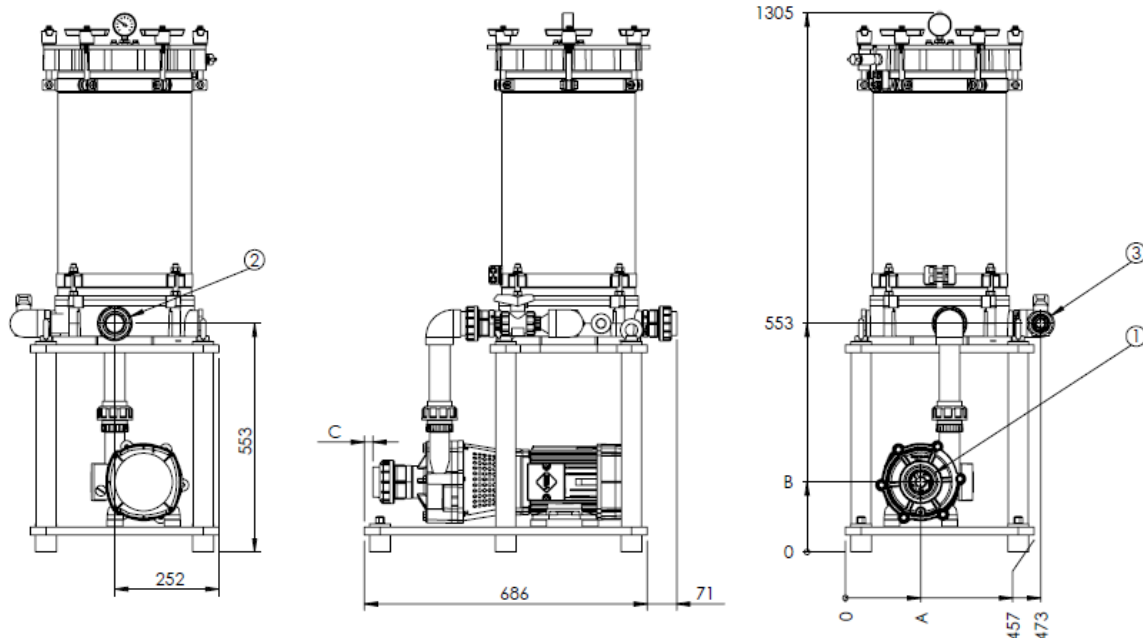
G Filtration Systems have gained wide approval for re-circulatory purification of most electroplating and chemical process solutions. The G Series is engineered to provide reliable, high performance filtration in a small package.

These compact pump and filter systems are popular for use on medium to large sized production tanks in the electronics and metal finishing industries, providing high flow and high turnover rates, assuring continuous particle removal. G systems are available with or without a carbon or resin purification chamber.

SERFILCO FILTRATION RANGE

For Tanks to 5000 litres

Dimensions



Pump	Dimension					
	A	B	C	1	2	3
ST6H	192	159	44	63mm Überwurfschraube	50mm Überwurfschraube	25mm Kugel hahn
ST7	192	159	44			
ST8	192	159	44			
HE2	183	169	21			
HE3	183	169	21			
HE4	183	169	21			
HE5	183	169	21			

Models

Flow	Model	Material	Media	Surface	Inlet	Outlet	Pump	Motor (kw)	Supply
13000	PPG24ST6HDM1.5	PP/EPDM	12 x 20"	12m2	63mm	50mm	ST Mag Drive	1.1kw	400-3-50
18000	PPG24ST7DM2.0							1.5kw	
24000	PPG24ST8DM3.0							2.2kw	
13000	PPG24HE2DM2.0						HE Mech Sealed	1.5kw	
17000	PPG24HE3DM2.0							1.5kw	
20000	PPG24HE4DM3.0							2.2kw	
24000	PPG24HE5DM4.0							3.0kw	

Options: For PVDF, CPVC, Viton® elastomers, double flush seal or bypass carbon chamber please contact the sales office

For complete range of flows and media size contact the sales office

SERFILCO FILTRATION RANGE

Megaflo M Range



Features

- High flow rate to 65m³/hr
- Non-metallic PPP construction
- High capacity 22 cartridges
- Optional high capacity carbon chamber

Benefits

- Easy cartridge change-out
- Improve finished goods and process quality, minimize scrap and rework
- Reduce chemical consumption by maintaining solution quality
- Minimize bath maintenance and downtime with high flow continuous particle removal

M filtration systems are compact, high flow, high capacity systems which are corrosion resistant, easy to install and simple to operate.

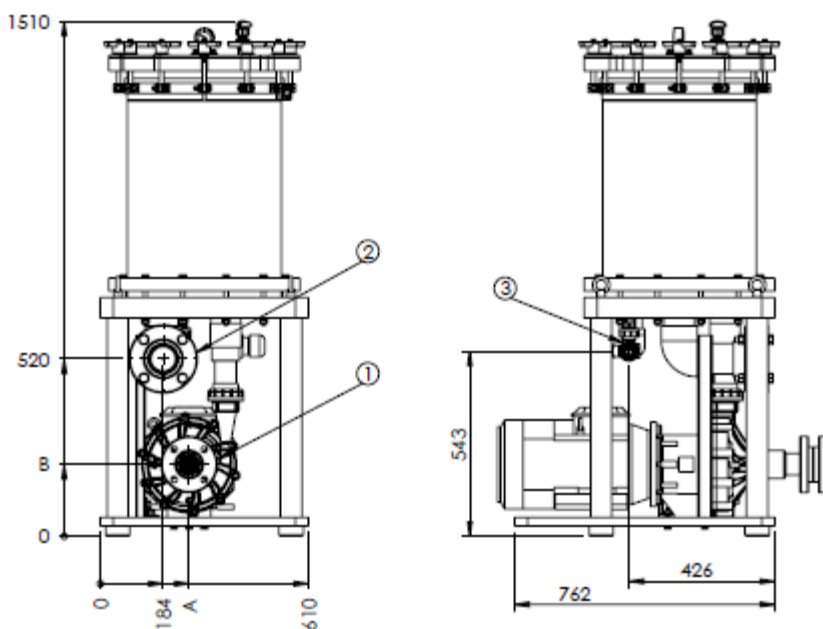
Manufactured from PPP and PP construction for applications to 70c. These systems are available with a single or double mechanical seal pump or with a magnetic coupled PP pump to meet almost any application. Double seal pumps are recommended for use with solutions having ferrous metal particles, excessive abrasives and for solutions which crystallize when cooled. In addition, the double water flush seal pump is an excellent choice for applications where dry-run operation is a possibility

Filter chambers feature rugged machined construction with oversized ports for low pressure differential. Low pressure drop and high surface area (solids holding capacity) mean long periods of high flow, continuous dirt removal between cartridge changes.

SERFILCO FILTRATION RANGE

For tanks above 5000 litres

Dimensions



PUMP	DIMENSION				
	A	B	1	2	3
HE	297	160	63mm FLANGE	90mm FLANGE	25mm KUGELHAHN
FE2	283	182	63mm FLANGE	90mm FLANGE	25mm KUGELHAHN
FE3	260	211	63mm FLANGE	90mm FLANGE	25mm KUGELHAHN
HF	367	226	90mm FLANGE	90mm FLANGE	25mm KUGELHAHN

Models

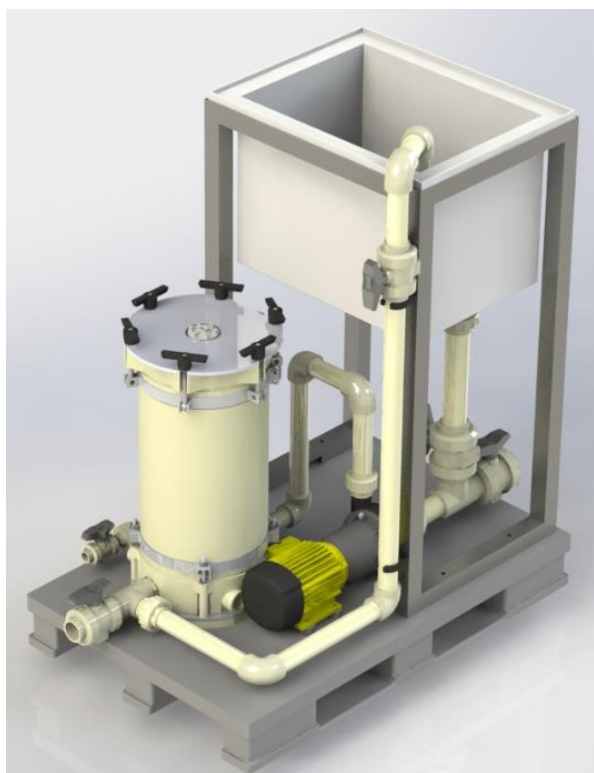
Flow	Model	Material	Media	Surface	Inlet	Outlet	Pump	Motor (kw)	Supply
30000	PPJ44FE2DM3.0	PP/EPDM	22 x 20"	22	63mm socket	90mm flange	FE Mag-Drive	2.2	400-3-50
45000	PPJ44FE3DM5.5							4	
30000	PPJ44HE5DM4.0						HE Mech Sealed	3	
45000	PPJ44HF1DM5.5				90mm Flange	90mm Flange	HF Mech Sealed	4	
54000	PPJ44HF2DM7.5							5.3	
65000	PPJ44HF3DM10.0							7.5	

Options: For CPVC, Viton® elastomers, double flush seal or bypass carbon chamber please contact the sales office

For complete range of media options please contact the sales office

SERFILCO FILTRATION RANGE

Guardian GD Range



Features

- Flow rates to 27m³/hr and up to 8.4m² surface area
- Total Non-metallic solution contact
- Choice of pump: magnetic coupled, single or double mechanical seal, self-priming
- Choice of media: cartridge, disc, bag
- Easy Swing bolt chamber closures
- EPDM elastomers standard, FKM optional
- Corrosion resistant FRP 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

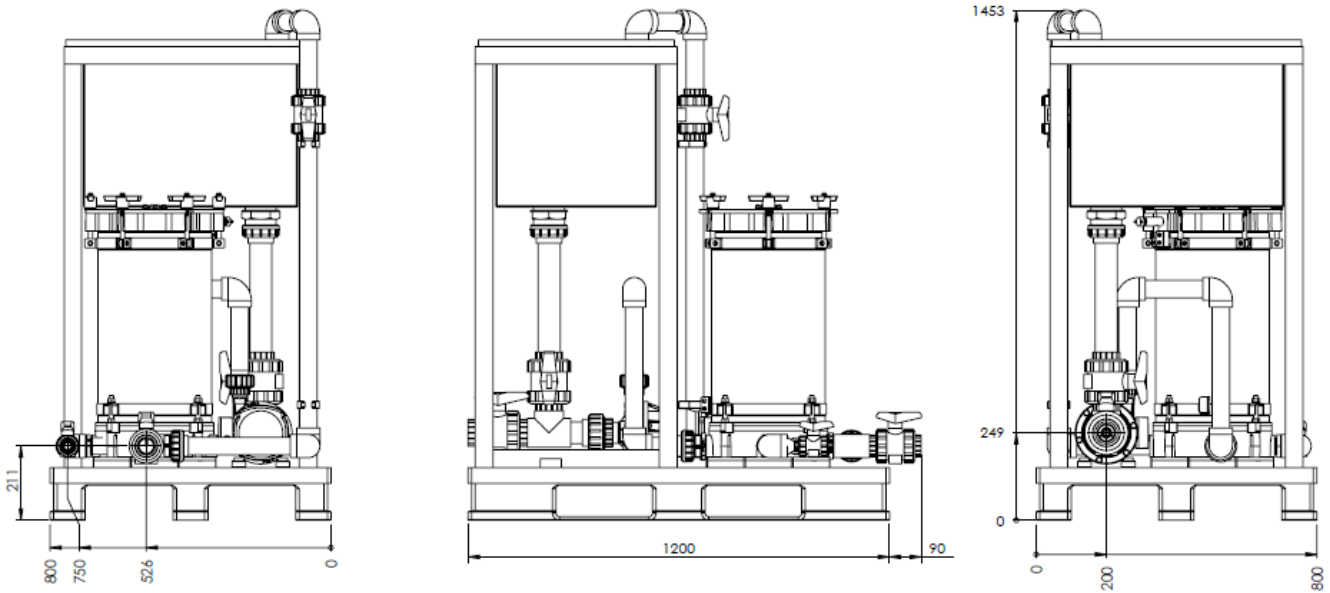
The easy to operate Guardian Filtration Systems have gained wide approval for recirculation filtering of electroplating processes such as nickel, zinc and copper. You can be confident a Guardian Filtration System will improve the clarity of your process solutions, increase production quality, and reduce process cost.

Choose a basic filtration system with your choice of media, pump and filter chamber and then select from a wide range of optional equipment such as slurries or bypass carbon to customize your system to suit your specific needs.

SERFILCO FILTRATION RANGE

Disk filters for tanks up to 5000 litres

Dimensions



- 1) SUCTION, 63mm UBERWURFSCHRAUBE
- 2) ENTLASTUNG, 50mm UBERWURFSCHRAUBE
- 3) DRAIN, 25mm KUGELHAHN

Models

Flow	Model	Material	Media	Surface	Inlet	Outlet	Pump	Motor (kw)	Supply
11000	PPGD15HST6HDM1.5-SL	PP/EPDM	31 - 254 x 50	1.4m ²	63mm	50mm	ST Mag-drive	1.1kw	400-3-50
17000	PPGD30HST7SM2.0-SL		65 - 254 x 50	2.8m ²				1.5kw	
22000	PPGD45HST8DM3.0-SL		99 - 254 x 50	4.2m ²				2.2kw	

Options: For CPVC, Viton® elastomers, double flush seal or bypass carbon chamber please contact the sales office

For complete range of flows and multiple chamber systems please contact the sales office

SERFILCO FILTRATION RANGE

Visit www.serfilco.com to see our full range of products

LABMASTER – 0.5 to 2.5m³/h, 1 x cartridge, mag-drive pump, PP/CPVC/PVDF

SPACE-SAVER – 2.5 to 10m³/h, 3 x cartridge or filter bag, mag-drive pump, optional by-pass carbon PP/CPVC/PVDF

SUPER SPACE-SAVER – 10 to 24m³/h, 12 x cartridge, filter bag or disk filter, mag-drive or mechanical seal pump PP/CPVC/PVDF

MEGAFLO – 30 to 65m³/h, 22 or 26 cartridge, mag-drive or mechanical seal pump, optional by-pass carbon PP/CPVC/PVC

GUARDIAN – 45m³/h, cartridge, bag or disk filtration, mag-drive or mechanical seal pump, optional slurry tank and by-pass carbon PP/CPVC/PVDF/Steel

OPTIFLO – 120m³/h, cartridge or disk filtration, mag-drive or mechanical seal pump, optional slurry and bypass carbon

ADMIRAL – 26m³/h, in-tank or out-of-tank cartridge filtration, vertical seal-less pump, optional bypass carbon

TITAN – 10-45m³/h, fully automatic operation, quartz or anthracite permanent media, horizontal sealed pump,

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