



A-A, A-B SERIES

CPVC In/OutTank Series A-A

Features:

- Self-Priming When Immersed
- Corrosion Resistant/Metalless
- Unique Design - No Liquid Bypass
- P Series Vertical Sealless Pump
- C Series Filter Housing

Applications:

- Acid and Alkaline Solutions
- Electroless Nickel and Copper
- Precious Metal Solutions
- Fluoborates
- Electropolishing Solutions



Model A-100AL

Introduction

Filter Pump Series A-A and Series A-B filter systems are all purpose, compact, fully portable, corrosion resistant, and metalless, and they require no floor space. If desired, both system types can be mounted outside the tank. Unlike one-piece submerged filter systems, Penguin A-A and A-B filter systems need not be removed from the tank for cleaning or cartridge change-out. The ACME threaded heads employed on single cartridge chambers can be easily removed by hand and a new replacement cartridge filter simply dropped in. All filter system models incorporate the unique Penguin design, which provides leakproof filtration with no liquid bypass. There is no spring to lose or fragile lucite to break or crack. All chambers can accept either Penguin PF string wound cartridges. All P series CPVC in-tank pumps are designed for sealless, bearing-free, and maintenance-free operation. P series pumps are also self-priming when immersed in solution and can run dry without damage. Materials in contact with the solution are high temperature CPVC, which provides a highly corrosion-resistant filter system with no wearing parts. Both series can be constructed in Polypropylene or PVDF. Consult the factory for details. Penguin P series pumps are equipped with a totally enclosed fan cooled motor with an oversized bearing set for easy replacement. The P-1/4A, P-1/2A, P-3/4A, and P-1A pumps are standard with an epoxy coated motor housing for corrosion resistance. Single phase motors are equipped with a cord and grounding plug. Three phase motors are shipped unwired.

Series A-A

Series A-A filter systems incorporate an in-tank pump and an out-of-tank lip-mounted chamber. All filter systems are supplied with solid piping.



A-A, A-B SERIES

CPVC In/OutTank Series A-B



Series A-B

Series A-B systems can be mounted entirely in-tank for precious metal solution filtration. Series A-B filter systems are available in 11 models to accommodate larger volume tanks.

Filter System Model	Filtration Rate GPH	Pump Model	Chamber Model	Number of Filter Tubes and Length	Dimensions				
					Ht	Wth	Lth	Wt	
Series A-A									
A-60A	0-160	P-1/15A	3C-6A	1-6"	23	4	6	13	
A-100A	100-200		3C-1A	1-10"	72			14	
A-200A	300-540		3C-2A	1-20"	37			18	
A-100AS	200-300	P-1/6A	3C-1A	1-10"	27	5	7	25	
A-100AL	200-300						P-1/4A	3C-2A	1-20"
A-200AL	300-540								
Series A-B									
A-100B	100-200	P-1/15A	3CN-1A	1-10"	18	10	6	14	
A-200B	300-540	P-1/6A	3CN-2A	1-20"	28	11	7	18	
A-100BS	200-300		3CN-1A	1-10"	18			25	
A-100BL	200-300	P-1/4A						3CN-2A	1-20"
A-200BL	300-540		3CN-2A	1-20"	28			39	
A-300BS	450-700	P-1/2A	3CN-3A	1-30"	38	20	8	41	
A-300BL	500-800		6CN-6A	3-20"	35			81	
A-600B	900-1600	P-3/4A						6CN-9A	3-30"
A-600BL	1100-1700		92						
A-900B	1350-2100	P-1A						95	
A-900BL	1400-2150								



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