

Series A-A,A-B

CPVC In-Tank Filter System



Model A-100AL



*Model A-100B with optional
PVDF construction*

Features:

- Self-Priming When Immersed
- Corrosion Resistant/Metalless
- Unique Design - No Liquid Bypass

Recommended Applications:

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



Series A-A,A-B

CPVC In-Tank Filter System



Model 6CN-6A

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	P-1/6A	3C-2A	1-20"	37	5	8	18
A-100AS	200-300		3C-1A	1-10"	27			25
A-100AL	200-300	P-1/4A	3C-2A	1-20"	37	20	8	37
A-200AL	300-540							39
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			7
A-100BS	200-300		P-1/4A	3CN-1A	1-10"	18	11	8
A-100BL	200-300	3CN-2A		1-20"	28	37		
A-200BL	300-540	P-1/2A	3CN-3A	1-30"	38	20	8	39
A-300BS	450-700		6CN-6A	3-20"	35			41
A-300BL	500-800	P-3/4A	6CN-9A	3-30"	45	20	8	81
A-600B	900-1600							83
A-600BL	1100-1700	P-1A	6CN-9A	3-30"	45	20	8	83
A-900B	1350-2100							92
A-900BL	1400-2150							95

Penguin 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. Series A-B systems can be mounted entirely in-tank for precious metal solution filtration. Series A-A filter systems incorporate an in-tank pump and an out-of-tank lip-mounted chamber. 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 ACNE threaded heads employed on single cartridge chambers can be easily removed by hand and a new replacement cartridge filter simply dropped in. There is no dismantling and no danger from breakage. 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 or series PS reusable filter sleeves. All pumps employed are P series CPVC in-tank pumps designed for sealless, bearing-free, and maintenance-free operation. All P series pumps are also self-priming when immersed in solution and can run dry without damage.

Series A-A filter systems are available in 6 models to

service small and medium volume tanks. Series A-B filter systems are available in 11 models to accommodate larger volume tanks. All 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 supplied in polypropylene or PVDF. Consult the factory for details. Penguin Series A-A and A-B combine P-1/15A pumps and 3C filter chambers to produce a reliable, economical filter system. Penguin Series A-AS/A-AL feature P-1/6A, P-1/4A pumps and 3C filter chambers. Penguin Series A-AS/A-BL have P-1/6A, P-1/4A, P-1/2A, P-3/4A, and P-1A pumps combined with 3CN and 6CN filter chambers. The AL and BL series provide a higher flow for continuous filtration, agitation, and extended filter cartridge life. As an option, all A-A, A-S, and A-L filter systems can be supplied with solid piping.

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 sold as standard with an epoxy coated motor housing for acid resistance. Single phase motors are equipped with a cord and grounding plug. Three phase motors are shipped unwired.

