



Introducing

ARIES
FILTERWORKS
A RESINTECH COMPANY

PHOENIX Ultra High Purity Water System

- Up to 2.5 Litres Per Minute Of 18 Megohm Type 1 Reagent Water On Demand
- Large capacity cartridges provide low operating costs
- User friendly interface and real time monitoring

Features & Benefits

- Microprocessor operation & control
- Compact design & remote dispense option
- Quick change cartridge design
- Lowest cost of operation
- Leak detection Sensor

Additional technologies are offered depending on the application, including UV and Ultrafiltration. Multiple sensors continuously monitor the system and final water quality to ensure trouble free operation.

The Phoenix system is pre-configured into four application specific models:

- **Phoenix Academy** (base model): Basic Chemistry, Academic, IC, Buffers
- **Phoenix Citation** (with 185/254 nm UV): HPLC, GC-MS, Trace Organics
- **Phoenix Biochem** (with UF): Life Science, Cell Culture, Microbiology
- **Phoenix Genome** (with UV/UF): DNA Sequencing, PCR, Electrophoresis

GEMINI Series Ultra High Purity Water System

- Up to 3.7 liters per minute, 18.2 Megohms
- Integral, full flow 0.2 micron filter
- Multi-Pass UV standard
- UV protected dispensing port
- High Resolution Touch Screen

The Multi-Pass Ultraviolet system irradiates the water at three separate passes in the recirculation loop. The dispensing port is continuously exposed to UV for complete sterility at the outlet.

Water quality meets or exceeds ASTM, CAP and NCCLS Type 1 specifications. Controls include PLC and a 3.5" high resolution HMI display. Touch panel screen provides easy interface for dispensing and programming up to four batches.

Resistivity is clearly displayed with system operation status. Display turns red during alarm condition below resistivity set point. Hibernation mode runs the pump intermittently to keep the system ultrapure.



The integral basin accommodates filling large containers and controls drips and spills. A variety of options are available such as a dispensing gun, ultra-filtration, wall mounting hardware and a sanitization kit. RO pre-treatment systems are also available.

Gemini Accessories:

ARHPA-005	Sanitization Kit (Filters, Test Strips & Gloves)	\$443.16	\$404.05
ARHPA-004	Integral Gemini UV Bulb Replacement	\$411.16	\$374.88
ARHPA-003	Combination UV for Bacteria and TOC destruct replacement bulb	\$406.61	\$370.73
ARPF-10-6452	10-inch 0.2 micron absolute filter for "102" system	\$798.52	\$718.67
ARPF-00-6505	In-line 0.05 micron ultrafilter for "105" system	\$1,031.44	\$928.30
ARAFK-002	(2) Low TOC Deionization Cartridge kit for GM5 & GMB 102	\$432.68	\$389.41
ARAFK-009	(3) Low TOC Deionization Cartridge kit for GM5 & GMB 105	\$641.66	\$577.49
ARAFK-006	(2) low TOC Deionization Cartridges and 10-inch 0.2 micron filter for GM5 & GMB 102	\$1,179.86	\$1,061.87

ARIES High Purity Water System

- Up To 4.0 Liters Per Minute Of 18 Megohm Water
- Easy Cartridge Replacement
- Low Operating Costs
- Full Recirculating Water, No Waiting



A quiet recirculation pump ensures constant water purity. Standard equipment includes a built in pressure regulator and a 0.2 micron final filter to remove bacteria.

Water quality meets or exceeds ASTM Type I waterspecifications. This attractive compact unit can be free standing or wall mounted.

Resistivity is temperature compensated and continuously monitored on the digital display. Filters are easy to replace and require no tools.

High capacity cartridges require less frequent change outs and lower operating costs.

A variety of options are available including: remote dispensing gun, 0.05 micron hollow fiber UF filter, and combination high-purity/sub-micron cartridge.

Reverse Osmosis pretreatment systems are also available.

Aries Accessories:

ARHPA-003	Combination UV for Bacteria and TOC destruct replacement bulb	\$455.58	\$410.02
ARPF-00-6402	0.2 micron capsule filter - 1.4" MNPT x 1/4" hose barb	\$246.18	\$221.56
ARPF-006505-HN	0.05 micron ultrafilter for ARS-105 system	\$1,083.00	\$974.70
ARHPA-010	Sanitization Kit (2) Blank filters, (1) Sanitization Cartridge, Test Strips, & Gloves	\$464.88	\$418.39
ARVP-17-0001	VP Series Sanitization Cartridge	\$185.44	\$166.90
ARHPL-RO	Reverse Osmosis Pretreatment (two pressure, 100 GPD, with 14 Gallon Bladder Tank)	\$1,479.56	\$1,331.60
ARAFK-005	HPL-RO Pretreatment Cartridge Kit (5.0 / GAC / 1.0)	\$216.94	\$195.25
ARAM-12-7010	HPL-RO membrane TFC, 100 GPD	\$314.44	\$283.00

HYDRA-DI Deionized Water Systems

- Wall mounted and low profile
- Low resistivity indicating light
- Economically produces deionized water

The Hydra DI Series is a pre-assembled cartridge system that provides deionized water using a staged filtration process.

Water purification is provided using a 3-step process. Stage (1) removes particles greater than 5 micron, chlorine, and organics. Stages (2 & 3) are deionizers designed to remove dissolved minerals. The Hydra DI series includes all cartridges and resistivity light for a total turnkey system.

The Hydra DI high purity system uses low odor mixed bed cartridges for applications requiring better than 10 MegOhm water quality.

For less corrosive applications, the Hydra DI high capacity configuration provides water quality better than 50 KiloOhms.

This is ideal for scale reduction and non-stainless steel piping systems.

Hydra Accessories:

ARHYK-001	Cartridge Replacement Kit for HY-122-DI (10" Carbon, (2) 20" Mixed Bed DI) - 2-1/2" Diameter	\$465.04	\$418.54
ARHYK-002	Cartridge Replacement Kit for HY-122B-DI (10" Carbon, (2) 20" Mixed Bed DI) - 4-1/2" Diameter	\$909.48	\$818.53
ARHYK-009	Cartridge replacement Kit for HY-122-DI-HC (10" Carbon, (2) 20" High Capacity DI) - 2-1/2" Diameter	\$465.04	\$418.54
ARHYK-010	Cartridge Replacement Kit for HY-122B-DI-HC (10" Carbon, (2) 20" High Capacity DI) 4-1/2" Diameter	\$909.48	\$818.53
ARCL-20K-50	20 Kohm Resistivity Light	\$363.18	\$326.86
ARCL-200K-50	200 Kohm Resistivity Light	\$363.18	\$326.86
ARCL-2MG-50	2 Megohm Resistivity Light	\$363.18	\$326.86



Hydra ARHY-122-DI

Replacement Cartridges for Aries / Vaponics / Barnstead®

VP Series cartridges provide ultra high purity filtration for a variety of applications. Constructed of non-pigmented, virgin materials the spin welded construction provides the longest life and highest quality. Applications include deionization, organics, chlorine, oxygen and amine removal.

Standard Replacement Cartridges - VP Series		Barnstead® Equivalent	
ARVP-17-4030	Hi Purity Mixed Bed - Clear Cartridge / Color Changing Resin		\$330.90 \$297.81
ARVP-17-4040	High Capacity Mixed Bed - Clear Cartridge / Color Changing Resin		\$330.90 \$297.81
ARVP-17-3002	Cation (Hydrogen Form) - Clear cartridge / Color Changing Resin		\$269.10 \$242.19
ARVP-17-4204	Layered High Capacity, Color Changing (Upflow)		\$330.90 \$297.81
ARVP-17-4010	High Purity Mixed Bed	D0809, D5027, D8816	\$306.12 \$275.51
ARVP-17-4011	Low TOC / Mixed Bed	D0820	\$370.88 \$333.79
ARVP-17-4012	Ultra Low TOC / Mixed Bed	D5021	\$385.58 \$347.02
ARVP-17-1050	Activated Carbon	D0813	\$270.78 \$243.70
ARVP-17-3001	Cation (Hydrogen Form)	D0815	\$244.28 \$219.85
ARVP-17-3203	Anion (Hydroxide Form)	D0760	\$532.72 \$479.45
ARVP-17-3680	Oxygen Removal	D0811, D8817	\$385.58 \$347.02
ARVP-17-4210	Organics Removal - Dual Bed	D0835, D0836	\$326.70 \$294.03
ARVP-17-4090	Organics Removal - Mono Bed	D8815	\$320.82 \$288.74
ARVP-17-4205	High Purity / Organics Removal	D0832	\$276.68 \$249.01
ARVP-17-4200	High Purity / Oxygen Removal	D8809	\$364.96 \$328.46
ARVP-17-4301	High Purity / Oxy Removal / Org. Removal	D8811	\$350.26 \$315.23
ARVP-17-4203	High Capacity	D0803	\$303.16 \$272.84
ARVP-17-3000	Softening		\$220.72 \$198.65
ARVP-17-4202	Two Bed Layered DI		\$270.78 \$243.70
ARVP-17-4402	Four Bed Layered DI		\$297.26 \$267.53
ARVP-17-4090-OR	Condensate Feedback (Organic Removal)		\$329.66 \$296.69
ARVP-17-3001-AR	Condensate Feedback (Amine Removal)		\$259.02 \$233.12
ARVP-17-4010-DI	Condensate Feedback (Demineralization)		\$350.26 \$315.23
Half Size Replacement Cartridges		Barnstead® Equivalent	
ARVP-08-4010	High Purity Mixed Bed	D50313	\$264.90 \$238.41
ARVP-08-3203	Anion (Hydroxide Form)	D50214	\$359.10 \$323.19
ARVP-08-4205	Pretreatment - Organics or High Purity / Organics Removal	D50215, D50216	\$250.20 \$225.18
ARVP-08-4200	High Purity / Oxygen Removal	D50217	\$279.60 \$251.64
Hose Nipple Replacement Cartridges		Barnstead® Equivalent	
ARVP-17-4010-HN	High Purity Mixed Bed	D8911	\$306.12 \$275.51
ARVP-17-4030-HN	Color Changing High Purity Mixed Bed	D8902	\$330.90 \$297.81
ARVP-17-4040-HN	High Capacity Mixed Bed - Clear Cartridge / Color Changing Resin		\$330.90 \$297.81
ARVP-17-1050-HN	Organics Removal	D8904	\$250.20 \$225.18
ARVP-17-4204-HN	High Capacity, Color Changing	D8901	\$320.82 \$288.74
ARVP-17-3001-HN	Cation (Hydrogen Form)	D8905	\$244.28 \$219.85
ARVP-17-3203-HN	Cation (Hydroxide Form)		\$532.72 \$479.45
ARVP-17-3680-HN	Oxygen Removal	D8903	\$385.58 \$347.02
ARVP-17-4209-HN	Color Changing High Purity / Organics Removal	D8922	\$297.26 \$267.53
ARVP-17-4206-HN	High Capacity / Organics Removal	D8921	\$297.26 \$267.53
ARVP-17-4301-HN	High Purity / Oxy Removal / Org. Removal		\$347.32 \$312.59
Specialty Hose Nipple Replacement Cartridges		Barnstead® Equivalent	
ARVP-09-4200-HN	High Purity / Oxygen Removal (9-3/4")	D8822	\$297.26 \$267.53
ARVP-08-4200-HN	High Purity / Oxygen Removal (Half Size)		\$297.26 \$267.53
ARVP-11-4010-HN	High Purity Mixed Bed (2/3 Size)		\$273.76 \$246.38
ARVP-11-4203-HN	High Capacity (2/3 Size)	D8950	\$288.46 \$259.61
ARVP-11-4205-HN	High Purity / Organics Removal (2/3 Size)	D8951	\$273.76 \$246.38



VP Standard Cartridge



VP Hose Nipple Cartridge



High Capacity Cartridge

Replacement Cartridges for Barnstead® / Millipore®

Cartridge Kits for Barnstead (E-pure, B-pure, NANOpure)		Barnstead® Equivalent		
ARVPK-4010	(3) High Purity		\$918.30	\$826.47
ARVPK-3804	Pretreatment, High Capacity (2) High Purity	D3804	\$1,289.18	\$1,160.26
ARVPK-3805	Pretreatment, (2) High Purity	D3805	\$1,044.86	\$940.37
ARVPK-3806	Organic Removal, High Purity, H.P. Low TOC	D3806	\$1,127.28	\$1,014.55
ARVPK-3807	Organic Removal, High Capacity, High Purity, H.P. Low TOC	D3807	\$1,468.68	\$1,321.81
ARVPK-4801	Pretreatment, High Capacity (2) high Purity	D4801	\$1,289.18	\$1,160.26
ARVPK-4802	Organic Removal, High Capacity, High Purity, Low TOC	D4802	\$1,468.68	\$1,321.81
ARVPK-5022	Organic Removal, High Purity, High Purity, H.P. Low TOC	D5022	\$1,339.20	\$1,205.28
ARVPK-5023	Organic Removal, High Capacity, High Purity, H.P. Low TOC	D5023	\$1,468.68	\$1,321.81
ARVPK-5025	Pretreatment, (3) high Purity	D5025	\$1,236.18	\$1,112.56
ARVPK-5026	Organic Removal, (2) High Purity, H.P. Low TOC	D5026	\$1,339.20	\$1,205.28
ARVPK-5028	Pretreatment, high Capacity, (2) High Purity	D5028	\$1,300.96	\$1,170.86
ARVPK-5029	Pretreatment, (2) High Purity	D5029	\$1,071.34	\$964.21
ARVPK-50227	Pretreatment, (3) High Purity	D50227	\$1,242.08	\$1,117.87
ARVPK-50228	Organic Removal, (2) High Purity, H.P. Low TOC	D50228	\$1,421.58	\$1,279.42

Barnstead Equivalency Accessories		Barnstead® Equivalent		
ARPF-10-6001-SA	Half Size Pre Filter 1.0 micron x 2.5" x 10" with adapter	FL583X4	\$177.38	\$159.64
ARPF-10-6005-SA	Half Size Pre Filter 5.0 micron x 2.5" x 10" with adapter	FL583X1	\$177.38	\$159.64
ARPF-10-6010-SA	Half Size Pre Filter 10 micron x 2.5" x 10" with adapter	FL583X2	\$177.38	\$159.64
ARPF-00-6402	Post Filter Capsule 0.2 micron, 1/4" MNPT x 1/4" Hose	D3750	\$246.18	\$221.56

Millipore® MP Series Replacement Cartridges		Millipore® Equivalent		
ARMP-12-4010	High Purity 3" D x 12" with 222 O-Ring 680 Grains	CPMB 01202 / CDMB 01202	\$276.26	\$248.63
ARMP-12-1050	Activated Carbon 3" D x 12" with 222 O-Ring 5100 Gallons	CDFC 01204	\$395.58	\$356.02
ARMP-12-4012	Organic Scavenger 3" D x 12" with 222 O-Ring 680 Grains	CDEX 01201	\$502.32	\$452.09
ARMP-12-4011	High Purity Low TOC 3" D x 12" with 222 O-Ring 680 Grains	N/A	\$317.10	\$285.39

Millipore® Equivalency Cartridge Kits		Millipore® Equivalent		
ARMPK-001	Type 1 Three Bowl - Carbon, (2) Mixed Bed, POU Filter	CDMF01204 / CFUF01205	\$1,006.32	\$905.69
ARMPK-002	Type 1 Four Bowl - Pre Filter, Carbon, (2) Mixed Bed, POU Filter	PCMMF-1M	\$1,258.62	\$1,132.76
ARMPK-003	Analytical Four Bowl - Carbon, (2) Mixed Bed, Org. Scav., POU Filter	CDOF 01205 / CF0F 012P5	\$1,286.62	\$1,157.96

Millipore® MPQ Series Replacement Cartridges		Millipore® Equivalent		
ARMPQ-1000	Ultra-Pure / Low TOC for Milli-Q® / Alpha-Q® 750 Grains	CPMQ004R1 / CPMQ004D2	\$1,931.36	\$1,738.22
ARMPQ-2000	Ultra-Pure / Low TOC with 0.2 Micron Filter 750 Grains	CPMQK05R1 / CPMQK05D2	\$2,155.62	\$1,940.06
ARMPQ-3000*	Deionization for AFS™ Analyzer Feed System 900 Grains	CP1ALLRES / CP4ALLRES	\$2,239.68	\$2,015.71
ARMPQ-4000	Reverse Osmosis Pretreatment for Milli-RO and AFS™ 3-6 Months	CPROP0402	\$2,491.98	\$2,242.78
ARPF-00-6402	0.2 Micron Final Filter, 1/4" NPT x Hose Barb	MPGL04SK2	\$246.18	\$221.56



Barnstead® Style



Millipore® MP Series



Millipore® MPQ Series

Offers Valid to June 28, 2019



TOLL FREE 1.800.434.2633
LOCAL 905.625.6021
WEBSITE www.diamed.ca

FAX 1.800.293.2987
FAX 905.625.6280
EMAIL diamed@diamed.ca



PO#