

Water Technologies

Replacement Cartridges for Laboratory Water Systems

SIEMENS



Complete Cartridge Range



Full Service Support



Water System Solutions



Replacement Cartridges for Laboratory Water Purification Systems

Cartridges provide ultra-high-purity water for use with MODULAB®, PURELAB®, Millipore® and Barnstead® water systems. The wide selection of cartridge styles and types allows custom-configuration of your laboratory water system to meet a variety of application needs.

Standard Features and Benefits

- Higher ion exchange capacity than other manufacturers' cartridges
- Lower cartridge replacement costs
- Unique diffuser design for even distribution of water and maximum cartridge life
- Vacuum packaging for maximum shelf life
- Ultrasonic-welded seams and joints for extractable-free product water
- Date coded for critical quality control
- GMP cartridge manufacturing facility
- Patented downflow design maximizes removal efficiency and cartridge capacity

We offer the following types of resin:

Activated Carbon Used for pretreating tap water before deionization. Removes traces of chlorine and organics through adsorption.

Colloidal Removal Resin Removes colloids and bacteria by ion exchange and adsorption. Protects and enhances performance of deionization resin, and extends final filter life.

Cation Exchange Resin Removes positively charged impurities. When used alone, this resin will lower solution's pH. Usually used in conjunction with anion resin in a mixed bed ion exchange cartridge.

Anion Exchange Resin Removes negatively charged impurities. When used alone, this resin will raise a solution's pH.

Oxygen Removal Resin Removes oxygen and prevents corrosion in water cooling loop applications. For use on feed water containing less than 10 ppm ionized solids.

Mixed Bed Ion Exchange Contains a mixture of cation and anion resins in a mixed bed to purify water up to 18.2 megohm-cm. Used to polish pretreated water, or to produce high-purity water in a loop system.

Organic Scavenger/Removal Resin Removes trace organics from deionized water to less than 10 ppb TOC.

High Capacity Ion Exchange Combines anion and cation resin in a 2-bed configuration. Used for purifying large quantities of water at a lower purity level than provided by mixed bed deionization. May also be used to pretreat mixed-bed cartridges for longer cartridge life.

Custom Cartridges

Specialty resin cartridge configurations are available to meet your needs. Call our technical service department for more information. Minimum order volumes apply.

PURELAB® Ultra Water System Cartridges

Ultra-microfilter	LC109
Point-of-Use Filter	LC134
Purification Pack-RO Feed (for MK1 Ultras)	LC147
Purification Pack-SDI Feed (for MK1 Ultras)	LC148
Purification Pack-Low Ionic (for MK1 Ultras)	LC149
Purification Pack-Low TOC (for MK1 Ultras)	LC150
Ultrafilter (5,000 MWCO)	LC151
Labpure S1 DI cartridge - RO feed	LC182
Labpure S2 DI cartridge - SDI feed	LC183
Labpure S3 DI cartridge - Low Ionic	LC184
Labpure S4 DI cartridge - Low TOC	LC185

PURELAB® Classic Water System Cartridges

Purification Cartridge (For MK1 Classic)	LC162
Ultra Filter 5000 mwt	LC169
Purification Cartridge (For MK1 Classic)	LC126
Endoguard 5000 MWCO UF Cartridge (For MK1 Classic)	LC151
Final Filter 0.2 µm (1/pk)	LC134
Labpure S5 purification cartridge	LC186

PURELAB® UHQ Water System Cartridges

Reverse Osmosis Cartridge	UHQ5
Ultra Microfilter Cartridge 0.05 µm	LC109
UHQ Purification Pack (2 Organic Absorption Cartridges and 2 Ion Exchange Cartridges)	UHQPACKA
Composite Vent Filter	UHQ4

PURELAB® Option Water System Cartridges

Pretreatment Cartridge (Option 7 & 15)	LC140
Pretreatment 5 micron Carbon Filter (Option 30 & 60)	LC123
Purification Cartridge (Option R&S 7 & 15)	LC141
Purification Cartridge (Option-Q 7 & 15)	LC163
Purification Cartridge (Option 30 & 100)	LC114
RO Module (7.5 liter/hour) — (Option 7 & 15)	LC143
RO Module (30 liter/hour) — (Option 30)	LC115
RO Module (60 liter/hour) — (Option 60)	LC119
Point-of-Use Filter (Option 7 & 15-R)	LC145
Point-of-Use Filter (Option 30 & 60-R)	LC106

PURELAB® Prima Water System Cartridges

Pretreatment Cartridge (PURELAB Prima 7/15/20)	LC140
Pretreatment 5 Micron Carbon Filter (Prima 30/60/90/120)	LC123
RO Module (7.5 liter/hour) — (Prima 7/15/20)	LC143
RO Module (30 liter/hour) — (Prima 30)	LC115
RO Module (60 liter/hour) — (Prima 60, 120)	LC119
RO Module (Prima 90)	LC120





Replacement Cartridges for Siemens Water Technologies, USFilter® and ELGA® Laboratory Water Systems

PURELAB® Plus Water System Cartridges

PURELAB Purification Quadpack w/0.2 µm Final Filter	PLC6000
PURELAB Purification Quadpack	PLC5000
Endoguard 5000 MWCO UF Membrane Cartridge	LC151
Final Filter 0.2 µm (1/pk)	LC134

MEDICA® Water System Cartridges

Pretreatment Cartridge (Medica 7/15)	LC140
5 µm Carbon Filter (Medica 30/100)	LC123
Purification Cartridge (Medica 7/15)	LC141
Purification Cartridge (Medica 30/100)	LC114
RO Module (Medica 7/15)	LC143
RO Module (30 lph)	LC115
RO Module (60 lph)	LC119
RO Module (100 lph)	LC137
In-Line 0.2 µm Filter (Medica 7/15)	LC125
In-Line 0.05 µm UMF Filter (Medica 30/100)	LC109

MEDICA® Pro Water System Cartridges

0.05µm ultra microfilter	LC109
Medpure L1 DI (Deionization) high capacity cartridge	LC174
Protek L1 (high capacity adsorption pretreatment cartridge - standard size)	LC175
Protek L2 (high capacity adsorption pretreatment cartridge - Large size)	LC177
RO (reverse osmosis) cartridge 30 lph High flux reverse osmosis membrane	LC179
RO cartridge 60 lph High flux reverse osmosis membrane	LC180
E-cartridge (Reduce CO ₂ levels to extend Medpure DI cartridge)	LC181

MEDICA® R-200 Water System Cartridges

RO Pretreatment Filter	LC159
In-line 0.2µm Filter	LC160
Composite Vent Filter	LC156
Bacterial Vent Filter	LC157

CENTRA® Water System Cartridges

Bacterial Filter	LC157
Composite Vent Filter	LC156
0.2µm Filter	LC160
RO Module	LC161
Pretreatment Filter	LC159

MODULAB® High Flow System Cartridges

Carbon Cartridge	MLHF20CAR1
Organic Removal Cartridge	MLHF20OS01
0.05µm Micro Ultra Filter	MLUF020S05
0.2µm Bacteria Filter	MLUF020S2

MODULAB® Water System Membrane Cartridges

10" RO Membrane (TFC)	DIRO3002
20" RO Membrane (TFC)	DIRO3222
10" UF Membrane (10,000 MWCO)	UFPW3308T
10" UF Membrane (40,000 MWCO)	DIUF8102
20" UF Membrane (40,000 MWCO)	DIUF8202

MODULAB® Water System Resin Cartridges

10" Mixed Bed Cartridge (1/pk)	DIMN1000-1
20" Mixed Bed Cartridge (1/pk)	DIMN2000-1
10" Organic Cartridge (1/pk)	DIOR1000-1
20" Organic Cartridge (1/pk)	DIOR2000-1
10" Pureone Cartridge (1/pk)	DIMBS1000
10" Separate Bed DI (1/pk)	DISB1000-1
20" Separate Bed DI (1/pk)	DISB2000-1
12" Mixed Bed Cartridges (1/pk)	DIMM1200-1
12" Mixed Bed Cartridges (2/pk)	DIMM1200-2

MODULAB® Carbon Cartridges

10" Carbon Cartridge (1/pk)	DICR1000-1
10" Carbon Cartridge (4/pk)	DICR1000-4
20" Carbon Cartridge (1/pk)	DICR2000-1
10" Pretreatment Carbon Cartridge/5 µm Prefilter	LBCPT1002
20" Pretreatment Carbon Cartridge/5 µm Prefilter	LBCPT2004

MODULAB® Water System Cartridge Kits

MODULAB Cartridge Kit for RO Feed – Contains 1 EA CWCF23110, 2 ea DIMN1000-1, 1 EA DIOR1000-1, 1 EA CW3750 Final Filter	LBMPC1006
MODULAB Cartridge Kit for DI Feed – Contains 1 EA DICR1000-1, 2 ea DIMN1000-1, 1 EA DIOR1000-1, 1EA CW3750 Final Filter	LBMPC1005
MODULAB UV/UF Start Up Kit 20" – Contains (1) 20" UF Membrane (40,000 MWCO), (1) 0.1 µm Capsule Filter	UFSU8202
MODULAB Clinical Cartridge Kit	LBCCK1002

Miscellaneous Laboratory Cartridges

Mixed Bed 10" cartridge PVC P-154	DIMNP154
Mixed Bed 10" cartridge	DIMN4000
Mixed Bed 10" cartridge with porex disc, 4 pack	DIMN1000-4PD
Mixed Bed 5" cartridge with porex disc	DIMN0500-PD
Anion Cartridge 10"	DIOH4000
Anion/Cation separate Bed 5" cartridge	DISB0500
Anion/carbon separate Bed 10" cartridge	DIOH4010



LiquiPure® Replacement Cartridges for Millipore® Laboratory Water Systems

LiquiPure® 1 Replacement Cartridges for Milli-Q® and Alpha-Q™ Laboratory Water Systems

The LiquiPure1 replacement cartridges for Milli-Q and Alpha-Q laboratory water systems provide ultra-high-purity water with very low TOC and extractable levels. The cartridge contains a variety of purification media to remove specific types of feed water contaminants. All wetted parts are constructed of all-natural polypropylene to minimize extractables, while a unique downflow design ensures optimum removal of organic and inorganic impurities. A pigmented polypropylene exterior prevents light from penetrating to minimize microbial growth. Cartridge contains macroporous activated carbon, ultra-high-purity mixed bed ion exchange resin, and an organic scavenger.

ORDERING INFORMATION	Siemens Catalog Number	Millipore Equiv. Part Number
LiquiPure 1 Cartridge	LP1000	CPMQ004R1 CPMQ004D2
LiquiPure 1 Cartridge w/0.2 µm Final Filter	LP2000	CPMQK05R1 CPMQK05D2 CPMQK05RE
Final Filter 0.2 µm (1/pk)	LC134	MPGL04SK2

LiquiPure® CLC Replacement Cartridges for Millipore® Analyzer Feed Systems

The LiquiPure CLC replacement cartridges for Millipore AFS Analyzer Feed systems provide high-purity water to feed laboratory clinical chemistry analyzers. The cartridge contains ultra-high-purity mixed bed ion exchange resin to produce NCCLS Type 1 quality water. All wetted parts are constructed of all natural polypropylene to minimize extractables, while the unique design ensures optimum removal of inorganic impurities. A pigmented polypropylene exterior prevents light from penetrating to minimize microbial growth. Cartridge contains ultra-high-purity mixed bed ion exchange resin.

ORDERING INFORMATION	Siemens Catalog Number	Millipore Equiv. Part Number
LiquiPure CLC Cartridge	LP3000	CP4ALLRES
LiquiPure CLC Cartridge	LP3000R	CP4ALLRES
LiquiPure CLC Cartridge	LP3000R & LP4000 FCCFH11S2	CPKITAFS2
LiquiPure CLC Cartridge	LP3000R FCCFH11S2	CPAFS04R1

LiquiPure® RO Replacement Cartridges for Millipore Milli-RO® and AFS® Systems

These duplex RO pretreatment cartridges for Millipore Milli-RO and AFS Analyzer Feed systems includes granular activated carbon for chlorine removal, depth filtration for particulate removal and a food grade sequestering agent to protect the RO membrane from fouling and scale formation. Designed in a duplex configuration, the cartridge can be rotated and reconnected when one-half has been exhausted. All wetted parts are constructed of all natural polypropylene to minimize extractables, while the pigmented polypropylene exterior prevents light from penetrating to minimize microbial growth. Cartridge contains granular activated carbon, an anti-scaling agent and a prefilter.

ORDERING INFORMATION	Siemens Catalog Number	Millipore Equiv. Part Number
LiquiPure RO Cartridge	LP4000	CPR0P0402
LiquiPure RO Cartridge	LP4000R	CPR0P0402



ORDERING INFORMATION

Replacement Cartridges for Milli-Q® and Other Millipore Systems	Where Used	Millipore Equiv. Part Number	Siemens Catalog Number
High Capacity Carbon (4/pk)	3, 4, 5 Bowl Milli-Q or Milli-Q Plus Systems	CDFC01204	DICM1000-4
Mixed Bed (2/pk), Exchange Capacity, 540 Grains as CaCO ₃	3, 4, 5 Bowl Milli-Q or Milli-Q Plus Systems	CPMB01202	DIMM1200-2
Organic Scavenger (1/pk)	4 & 5 Bowl Milli-Q or Milli-Q Plus Systems	CDEX01201	DIOM1200-1
UF Membranes, 10k MW (1/pk)	4 & 5 Bowl Milli-Q or Milli-Q Plus Systems	CDUF01201	CDUF01201
Prefilter 12" 5 µm	Milli-RO® Systems	CDPRM1206	FCR001205
1 ea. DICM 1000-1 Carbon, 2 ea. DIMM 1200-2 Ion Exchange CWCF1492 Capsule Final Filter (1ea.)	4-Bowl Life Science or 3-Bowl Standard	CFUF01204	LBCCM1202
1 ea. DICM 1000-1 Carbon, 2 ea. DIMM 1200-2 Ion Exchange, 1 ea. DIOM 1200-1 Organic Scavenger, 1 ea. CWCF1492	4-Bowl Analytical System	CFOF01205	LBRCM1002
1 ea. DICM 1000-1 Carbon, 2 ea. DIMM 1200-2, 1 ea. CWCF1492, 1 ea. 10" Polysulfone 0.2 µm Cartridge	5-Bowl Milli-Q	CFIF01205	LBCCM1202 FCWN010S2
1 ea. FCWN12152, DICM 1000-1, DIMM 1200-1, DIOM 1200-1, 1, CWCF1492	5-Bowl Milli-Q	CFOF012P5	FCWN010S2 DICM1000-1 DIMM1200-1 DIOM1200-1 CWCF1492

Replacement Cartridges for Milli-Q® Ultrapure Water Systems	Where Used	Millipore Equiv. Part Number	Siemens Catalog Number
Organex Cartridge	Milli-Q Academic, Biocel, Synthesis, Element, Gradient	QTUM00EX	DIMOS1201
Ionic Cartridge	Milli-Q Academic, Biocel, Synthesis, Element, Gradient	QTUM00IX	DIMEX1201
Purification Pack (Elix, RO & Distillation Feed)	Milli-Q Academic, Biocel, Synthesis, Element, Gradient	QGARD00R1	PPMRO1201
Purification Pack (DI Feed)	Milli-Q Academic, Biocel, Synthesis, Element, Gradient	QGARD00D2	PPMD11201
Pyrogard 5000 MW Hollow Fiber UF Cartridge	Milli-Q Biocel, Synthesis	CDUFHF05K	CQUF500
VOC Cartridge	Milli-Q Academic, Biocel, Synthesis Element Gradient	QTUM000VX	DICMVOL01
Pretreatment Filter	Milli-Q Elix 3,5,10	PROG00002	PRCM1201
Pretreatment Filter	Milli-Q Elix 3,5,10	PROG00001	PRCMS001

Replacement Cartridge Kits for Millipore Super-Q® Systems	Where Used	Millipore Equiv. Part Number	Siemens Catalog Number
Activated Carbon (1/pk)	4-Bowl Super-Q (Housing #1)	CDFC02203	DICM2200-1
Ion Exchange (>2000 Grain Capacity) (1/pk)	4-Bowl Super-Q (Housing #2 & #3)	CPMB02202	DIMM2200-1
Organic Scavenger (1/pk)	4-Bowl Super-Q (Housing #4)	CDEX02201	DIOM2200-1
UF Cartridges	4-Bowl Super-Q (Housing #4 optional)	CDUFM2201	CDUF02201
0.22 µm Filter 20" (1/pk)	4-Bowl Super-Q (Housing #4 optional)	CVDI02TPE	FCDIO20S2

Replacement RO Membranes for Millipore Milli-RO® Plus and AFS® Systems	Where Used	Millipore Equiv. Part Number	Siemens Catalog Number
TFC RO Membrane	Milli-RO 4 & 15	CDRC012S0	ROGTM3512
TFC RO Membrane (w/out housing)	Milli-RO 6-10 and AFS Systems	CDRC012HG	LABROKIT
TFC RO Membrane (w/out housing)	Milli-RO 30/60/90	CDRCH12HG	LABROKIT
CA Membrane	Milli-RO 4 & 15	CDR0012S0 SL2M129V8	ROETM3512
TFC RO Membrane	Milli-RO 60/120	60 - CDRC025S1 120 [CDRC025S1 CDRC025SH	60 - CDRC025S1 120 [CDRC025S1 CDRC025SH



Replacement Cartridge kits for Barnstead® Laboratory Water Systems

ORDERING INFORMATION

Replacement Cartridge Kits for NANOpure™ and Other Barnstead Systems

Description	Where Used	Barnstead Equiv. Part Number	Siemens Catalog Number
1 ea. CW0835 Colloid Removal Resin, 1 ea. CW0803 High Capacity 2-Bed Resin, 2 ea. CW0809 Mixed Bed	NANOpure 4 Module Type I	D3804	CW3804
1 ea. CW0835 Colloid Removal Resin, 2 ea. CW0809 Mixed Bed	NANOpure 3 Module Type I	D3805	CW3805
1 ea. CW0836 Organic Removal, 1 ea. CW0820 Organic Scavenger, 1 ea. CW0809 Mixed Bed	NANOpure 3 Module Type I w/ORGANICfree™	D3806	CW3806
1 ea. CW0836 Organic Removal, 1 ea. CW0803 High Capacity 2-Bed Resin, 1 ea. CW0809 Mixed Bed, 1 ea. CW0820 Organic Scavenger,	NANOpure 4 Module Type I w/ORGANICfree	D3807	CW3807
1 ea. CW0835 Colloid Removal Resin, 1 ea. CW0803 High Capacity 2-Bed Resin, 2 ea. CW5027 Mixed Bed	Quad Style NANOpure Type I	D4801	CW4801
1 ea. CW0836 Organic Removal, 1 ea. CW0803 High Capacity 2-Bed Resin, 1 ea. CW5027 Mixed Bed, 1 ea. CW5021 Organic Scavenger, Down Flow	Quad Style NANOpure Type I w/ORGANICfree	D4802	CW4802
1 ea. CW0835 Colloid Removal Resin, 1 ea. CW0809 Mixed Bed, 2 ea. CW5027 Mixed Bed, 2 ea. CW3751 Final Filter	Quad Style NANOpure Type I w/ORGANICfree	D5025	CW5025
1 ea. CW0836 Colloid Removal, 1 ea. CW0809 Mixed Bed, 1 ea. CW5021 Organic Scavenger, Down Flow, 1 ea. CW5027 Mixed Bed, 2 ea. CW3751 Final Filter	Quad Style NANOpure Type I w/ORGANICfree Pretreated Feed	D5026	CW5026
1 ea. CW0835 Colloid Removal Resin, 1 ea. CW0803 High Capacity 2-Bed Resin, 2 ea. CW5027 Mixed Bed	E-pure™ 4 Module Type I	D5028	CW5028
1 ea. CW0835 Colloid Removal Resin, 2 ea. CW5027 Mixed Bed	E-pure 3 Module Type I	D5029	CW5029
1 ea. CW0836 Organic Removal, 1 ea. CW5027 Mixed Bed, 1 ea. CW5021 Organic Scavenger, Down Flow	E-pure 3 Module Type I w/ORGANICfree	D5022	CW5022
1 ea. CW0836 Organic Removal, 1 ea. CW0803 High Capacity 2-Bed Resin, 1 ea. CW5027 Mixed Bed, 1 ea. CW5021 Organic Scavenger, Down Flow	E-pure 4 Module Type I w/ORGANICfree	D5023	CW5023

Barnstead replacement cartridges continued on next page



ORDERING INFORMATION

Replacement Cartridge Kits for NANOpure™ and Other Barnstead Systems

Description	Where Used	Barnstead Equiv. Part Number	Siemens Catalog Number
High Capacity, 2-Bed Ion Exchange	NANOpure, E-pure™, B-pure™, Cooling Loops	D0803	CW0803
Mixed Bed Ion Exchange	NANOpure, B-pure, Older NANOpure Cooling Loops	D0809	CW0809*
Oxygen Removal Resin	B-pure, Cooling Loops	D0811	CW0811
Activated Carbon	B-pure, Cooling Loops	D0813	CW0813
Cation Removal Resin	B-pure, Cooling Loops	D0815	CW0815
Organic Scavenger Resin	NANOpure II, Older NANOpure Systems	D0820	CW0820
Organic Scavenger, Down Flow	Quad Style NANOpure, E-pure	D5021	CW5021
Mixed Bed, Organic Removal	B-pure, Still Pretreatment	D0832	CW0832
Colloid, Organic Removal	NANOpure, B-pure, E-pure	D0835	CW0835
Organic Removal	NANOpure, E-pure, Pretreatment for Organic Removal	D0836	CW0836
Oxygen Removal	B-pure, Cooling Loops	D8809	CW8809
Mixed Bed, Oxygen Removal, Organic Removal	B-pure, Cooling Loops	D8811	CW8811
Anion Removal	B-pure, Cooling Loops	D0760	CW0760
Mixed Bed, Down Flow	Quad Style NANOpure, E-pure	D5027	CW5027
Organic Free Cartridge	NANOpure Infinity®	D50252	CB50252
Organic Cartridge Kit DI Feed	NANOpure Infinity	D50254	CB50254
Pretreat Cartridge for Tap & DI Feed	NANOpure Infinity	D50251	CB50251
Ultrapure Cartridge	NANOpure Infinity	D50253	CB50253
Cartridge Kit for RO or Dist. Feed	NANOpure Infinity	D50257	CB50257
Pretreatment DI Feed	EASYpure®	D50230	CB50230
Ultrapure Cartridge	EASYpure	D50233	CB50233
0.2µm Filter	EASYpure	FL703X2	CB7033X2
Organic Free Cartridge	EASYpure	D50229	CB50229
Pretreatment Cartridge for Dist. or RO Feed	EASYpure	D50231	CB50231
Ultralow Organics Cartridge for RO or Dist. Feed	Diamond™	D50280	CB50280
Cartridge Pack Organic Free for DI Feed	Diamond	D50281	CB50281
Sanitization Cartridge	NANOpure®, E-pure, NANOpure Infinity®	D50223	CB50223
Sanitization Cartridge	NANOpure®, E-pure, NANOpure Infinity®	D50258	CB50258
5µm Cartridge	Diamond RO, Diamond TII	D502113	CB502113
Sanitization Cartridge	EASYpure	D50245	CB50245
Cartridge for RO Feed	Diamond	D50282	CB50282
Cartridge Kit for DI Feed	Diamond	D50283	CB50283

* CW0809 — not for use with Bantam deionizers

Reverse Osmosis Membrane	ULTROpure™ and ROpure™ LP	D2732	CB2732
DI Cartridge	EASYpure® II and RF/UV	D3750	CW3750
Remote Dispenser Cross Flow Final Filter Quad Style	Final Filters	D3751	CW3751
Replacement Ultrafilter Element for D4721	Final Filters	D4722	CB4722
Ultrapure Ion Exchange	NANOpure® Quad., E-pure	D5021	CB5021
RO MPS Cartridge	NANOpure® Diamond™ RO	D502114	CB502114
Carbon Filter	NANOpure® Diamond™ RO	D502115	CB502115
Deionization	EASYpure® Systems	D50229	CB50229
Deionization	EASYpure® II LF and UV	D50245	CB50245
Prefilter, 5µm	ROpure™ Infinity	D9004	CB9004
Pretreatment Carbon Cartridge	ROpure™ Infinity	D9005	CB9005
Membrane 15L/hr	ROpure™ Infinity	D9006	CB9006
RO Membrane	NANOpure® Diamond™ RO	FL1265X1	CBFL1265X1
UF Cartridge	NANOpure® Diamond™ RO	FL1192X1	CBFL1192Y1

Replacement Hose Nipple Cartridge Kits for Barnstead and Other Cartridge Housings

1/2 Size, Mixed Bed Oxygen Removal	180 Grains as CaCO ₃	D8822	CW8822
High Capacity, 2 Bed	1650 Grains as CaCO ₃	D8901	CW8901
Mixed Bed	730 Grains as CaCO ₃	D8902	CW8902
Pretreatment	1450 Grains as NaCl to 1 megohm-cm Endpoint	D8921	CW8921
Organic Removal		D8904	CW8904
Mixed Bed (No Dye)	730 Grains as CaCO ₃	D8911	CW8911
Organic Removal, Mixed Bed	575 Grains as CaCO ₃	D8922	CW8922
2/3 Size, High Capacity Mixed Bed	1080 Grains as CaCO ₃	D8950	CW8950

Note: Hose Nipple Cartridges are non-pressure applications; outlet must be vented to atmosphere, minimum inlet pressure should be 5 psig (0.3 bar) and designed for 3/8" H.B. (9.5mm) connection.



IWT® Cartridge Filtration System

Convenient, economical, high quality modular water filtration system that operates on city water pressure and can easily be expanded to fit most needs. No electricity required. Up to 18 Megohm water quality can be achieved with this system.

Standard Features and Benefits

- Consistent source of high quality water at 50% the cost of distilled water
- Removes organics, phosphates, chlorine, and essentially all ionizable constituents from water supply
- Convenient color change resin to indicate resin exhaustion
- Quick and easy installation
- No instruments needed
- Water quality up to 18 megohm-cm resistivity can be achieved
- Flexible system configuration to meet specific needs

SPECIFICATIONS

Cartridge	Flow Rate GPH	Capacity (grains as CaCO ₃)	Dimensions	Shipping Weight	Maximum Operating Pressure (psi)
Adsorber	7.2	NA	3 1/2"x19 3/4"	6 lbs single/36 lbs six pack	30
Metex	7.2	3200	3 1/2"x19 3/4"	6 lbs single/36 lbs six pack	30
Universal	7.2	1600	3 1/2"x19 3/4"	6 lbs single/36 lbs six pack	30
Research	7.2	1000	3 1/2"x19 3/4"	6 lbs single/36 lbs six pack	30

Cartridge Removal

Adsorber	For pretreatment of water containing organics, free chlorine, phosphate complexes, and turbidity.
Metex	For removal of all metallic ions to a level of 1% of the influent concentration. Removes ammonia and other cations from condensate samples.
Universal	Reduces ion concentration to a level obtainable by single distillation. All ionizable constituents are removed except free carbon dioxide and silica.
Research	Reduces ion concentration to a level obtainable by triple distillation. Essentially all ionizable constituents including silica and free carbon dioxide are removed.

Applications

Environmental and humidity chambers
Recharging lead and acid batteries for cars, fork lifts, etc
Electronic cleaning equipment (with 99% isopropyl alcohol bath to wash solder trails and flux off circuit boards)
Steaming devices used in food industry
Photo processing and printing applications
Humidifiers (including computer room humidifiers)
Ice Machines
Hydroponics

ORDERING INFORMATION

Absorber Cartridge single pack	3C0200002
Absorber Cartridge six pack	3C0200003
Metex Cartridge single pack	3C0400002
Metex Cartridge six pack	3C0400003
Universal Cartridge single pack	3C0600002
Universal Cartridge six pack	3C0600003
Research Cartridge single pack	3C0800002
Research Cartridge six pack	3C0800003
Single assembly bracket single pack	3C1200003
Single assembly bracket six pack	3C1200004
Single assembly bracket with faucet adapter single pack	3C1200007
Single assembly bracket with faucet adapter six pack	3C1200008
Duplex assembly Bracket single pack	3C1200011
Duplex assembly Bracket six pack	3C1200012
Duplex assembly Bracket with faucet adapter single pack	3C1200015
Duplex assembly Bracket with faucet adapter six pack	3C1200016



Total Service Offering and Preventative Maintenance Program

Siemens offers full service and preventative maintenance programs for total peace of mind. When you take advantage of our proven service offerings you can reduce your lifetime product costs, extend the life of your laboratory systems and avoid costly downtime.

Over 80 company owned service centers in North America for rapid service response and personal attention.

Features:

- 24/7 call centers for emergency services
- Leasing programs available for the most modern lab systems
- Service deionization
- Full installation and start-up services
- Scheduled contracts for preventative maintenance
- Validation Support
- Customized Service Programs to fit your needs
- Complete documentation for record keeping and validation
- Spare part availability for lab water systems



For more information contact:

**Siemens
Water Technologies**

North America Customer & Technical Service Network

In the Continental United States

800.466.7873 *Customer Service 24 hour*

800.875.7873 ext. 5000 *Technical Support*

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Canada West (Calgary)

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