



Deionized Water Service **Bacteriostatic** Service Deionizers Compact 0.5 Ft³ to Jumbo 34 Ft³

Industrial Water Purification

Bacteriostatic: Not supporting or inhibiting the growth or reproduction of bacteria. Different from bactericidal (capable of killing bacteria outright).

Cal Water offers **Bacteriostatic Service Deionizers** to customers requiring low bacterial CFU counts in their product water. A bacteriostatic deionizer is a standard Cal Water service unit with extra sterilization steps taken after regeneration. Bacteriostatic service deionizers are available in both large and small sizes.

CAL WATER BACTERIOSTATIC SERVICE DEIONIZERS



- The **A-7240G service deionizer** is a corrosion-proof, 0.5 Ft³ FRP fiberglass tank with an inert ABS plastic liner and a rubber base. The connections are 1¼-turn unions with 'O' ring seals for positive connections. The 1040FG is perfect for limited space or low volume applications.
- The **A-1040FG service deionizer** is a corrosion-proof, 1.6 Ft³ FRP fiberglass tank with an inert ABS plastic liner and a rubber base. The connections are 1¼-turn unions with 'O' ring seals for positive connections. The 1040FG is perfect for limited space or low volume applications.
- The **A-1252FG service deionizer** is a corrosion-proof, 3.3 Ft³ FRP fiberglass tank with an inert ABS plastic liner and a rubber base. The unit is equipped with Cam-Lock connectors fitted with molded seals for positive connections. The 1252FG is an excellent choice for most commercial applications. They can be installed singly or in multiple parallel units.
- The **A-3660ST Jumbo Service Deionizer** is a 34 Ft³, epoxy coated, welded steel tank with an inert Polyethylene liner. The unit is equipped with Cam-Lock connectors fitted with molded seals for positive connections. The 3660ST is a perfect choice where large volumes of deionized water are required.

A-1040FG – A-724FG – A-1252FG – A-3660ST
Bacteriostatic Deionizer Units

For More Information Please Call
1(800) CAL-WATER - (800) 225-9283

BENEFITS OF PRE-STERILIZED DEIONIZERS – (Bacteriostatic)

- ❑ Bacteriostatic deionizer service units are a convenient way to obtain the benefits of deionized water service while avoiding the problem of resin bacterial contamination.
- ❑ Bacteriostatic Deionized water service is ideal for any pharmaceutical or cosmetic application where pure deionized water is needed while avoiding bacterial contamination.
- ❑ Because deionized water service is modular, systems can be easily and inexpensively tailored to meet the needs of the customer as they may change.

Note: Bacteriostatic service deionizer units will remain non-breeders as long as bacteria are not introduced. If inoculated, they are subject to the same breeding characteristics as their non-sterilized counterparts.

FOUR BASIC DEIONIZER CONFIGURATIONS

Mixed bed. Mixed bed deionizers are notorious bacteria breeders. With Cal Water's bacteriostatic procedure, a customer can have high purity deionized water, while avoiding many of the microorganism problems associated with standard mixed bed units.

Two-bed strong base. Strong base deionizers are two tank systems that produce an average water quality of 150,000 ohms/cm³ with a pH of over 7. Strong base units remove silica and carbon dioxide from the water and are good general-purpose systems.

Two-bed weak base. Weak base deionizers are two tank systems that produce an average deionized water quality of over 50,000 ohms/cm³ with a pH under 7. Weak base units do not remove silica or carbon dioxide from the water, but they are inexpensive and if properly applied, are very useful and cost effective.

Multi-bed systems. These combination systems (3 or more units) provide the efficiency and low cost of two bed deionizers with the high purity yielded by mixed bed units to produce large quantities of low cost, high purity water' 18,000,000 ohms/cm³.

SIZES AND FLOW RATES

Model	Pipe Size	Flow Rates - GPM		Ft3 Resin	Capacity In Grains	Pressure Vessel			Shipping Weight (lb)
		Max.	Min			Dia.		Ht.	
A-724-FG	3/4"	1	0.25	0.5	3,750	8"	x	18"	48
A-1040-FG	3/4"	7	2	1.7	12,750	10"	x	40"	107
A-1252-FG	1"	10	3	3.3	24,750	12"	x	52"	189
A-1447-FG	1"	15	4	3.6	27,000	14"	x	47"	204
A-3660-ST	2"	100	20	34	255,000	36"	x	60"	2230
A2-3660-ST	3"	200	40	68	510,000	36"	x	60"	4460
A3-3660-ST	4"	300	60	102	765,000	36"	x	60"	6690

Limited Warranty: Water deionizer installations are backed by a 1-year warranty on parts and labor only, barring misuse or abuse. In case of defect in equipment, labor, material or service, Cal-Water's sole responsibility is for the replacement or repair of the defect and cannot be held liable for losses of any kind. (Please See: Terms and Conditions)

Cal-Water has been selling, installing and servicing water purification equipment since **1946**

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