



Industrial Water Purification

Mixed Bed -1040-SS
316 L Stainless Steel Deionizer
Heat sterilization to 70 °C
2 to 7 GPM

The **Mixed Bed 1040-SS** deionizer is constructed of electro polished 316 stainless steel to provide an inert vessel suitable for heat sterilization. The unit is equipped with sanitary connections and filled with durable high purity mixed bed resin. The 1040-SS is particularly useful in laboratory, cosmetic, pharmaceutical, or any use where microbial contamination is an issue.

All Cal Water service deionizers are regenerated in a **computer controlled** regeneration plant. Computer control provides more consistent quality at lower cost, while storing all regeneration results electronically. This stored data can be retrieved and used to provide QC reports upon customer request.

FEATURES



- The Cal Water 1040-SS portable exchange service deionizer is a corrosion-resistant 316 stainless steel tank with high purity mixed bed ion exchange resin.
- Stainless steel tank and mixed bed resin can be heat sterilized for up to 20 minutes at 70 °C.
- Both the inlet and outlet hardware of the 1040 mixed bed deionizer tank are 3/4" Tri-Clover sanitary fittings..
- The 1040-SS deionizer contains 1.7 cubic feet of mixed bed water purification media.
- Every 1040-SS deionizer system can be equipped with an optional red-green water quality indicator as standard equipment. (Several brands of TDS meters are also available as options.)



<u>Cal Water MB1040-SS</u>	
Diameter	10"
Height	46"
Inlet/Outlet	3/4" Sanitary
Shipping Weight	120 lb
Operating Weight	155 lb
Maximum Pressure	80 psi
Maximum Flow Rate	7 GPM
Minimum Flow Rate	2 GPM
Max. sterilization temp	160 F
Max. operating temp.	90 F
Resin Capacity	1.67 Ft ³

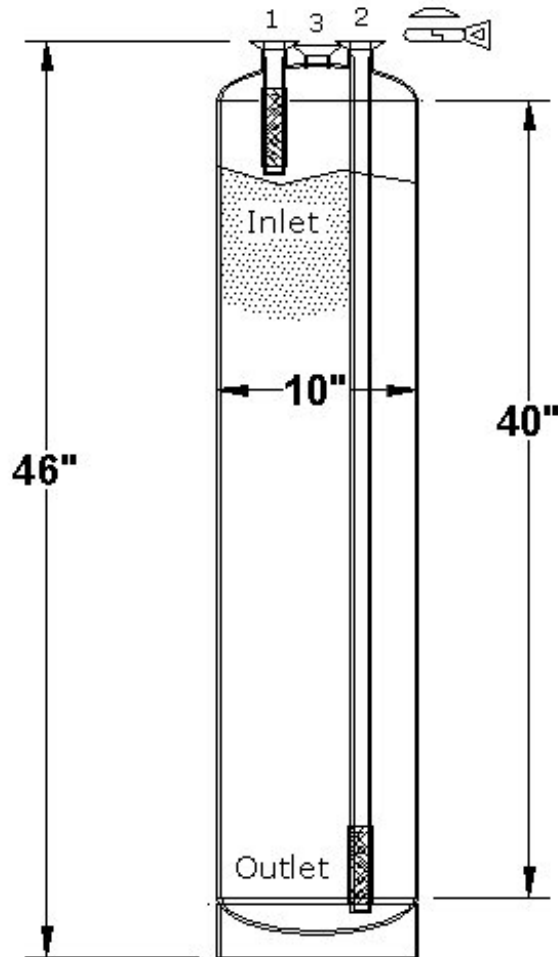
MB 1040-SS
Mixed Bed Deionizer

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

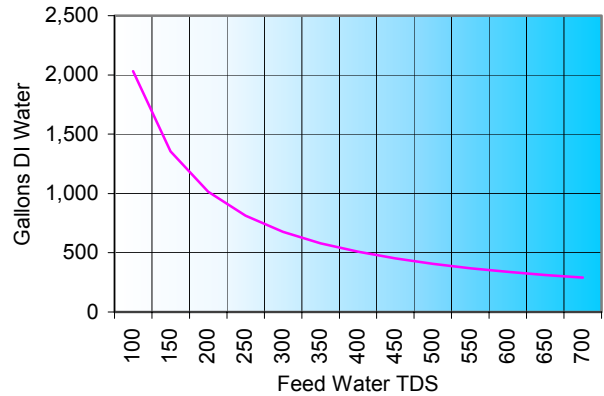
FLOW RATE AND CAPACITY

Mixed bed deionizers are single units containing both cation and strong base anion resins mixed in a single vessel. Mixed beds produce the highest quality water that typically ranges from 200,000 to 18,000,000 ohms/cm³.

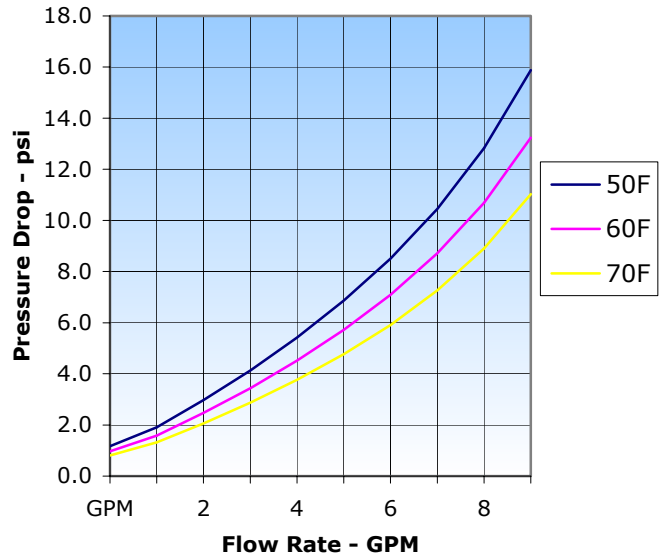
- 1 - Inlet (Screened)
- 2 - Outlet (Lower Screened)
- 3 - Resin Out (Open)



DI Feed Water TDS (ppm) vs. MB1040-SS Gallon Capacity



MB1040-SS Service Deionizer Pressure Drop vs. Flow



*Gallon capacities shown are +/- 10% and based on normal city water contaminants. Maximum inlet pressure to all systems is 80 psi. Maximum inlet temperature is 90°F.

Limited Warranty: Cal Water guarantees labor and material for 1 year from the date of an installation. 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 of Sale)

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