

Activated Carbon

Activated Carbon Media, 1 CU FT Bag

Activated carbon is a key component of every dialysis water system, providing assurance that chlorine, chloramines and some organic materials are removed prior to the RO. It also serves to protect the RO membranes from damage due to oxidation from the chlorine. Mar Cor Purification provides an activated carbon media that meets all regulations pertaining to the use of carbon in dialysis water systems. All activated carbon is not the same and that is why Association for the Advancement of Medical Instrumentation (AAMI) developed particular specifications to assure effective performance. Mar Cor Purification has packaged the carbon in a convenient 1 cubic feet bag for easy use in the dialysis clinic.

Recommended Changeout Frequency

The exchange frequency for activated carbon is difficult to predict with accuracy. The capacity is affected by many factors including number of gallons processed, incoming level of chlorine and or chloramine, organics, and frequency of backwash. Given all these factors, the carbon should be replaced every 1-3 years or at an interval mandated by internal policy. AAMI guidelines state that the carbon must be changed when the effluent total chlorine reading approaches 0.1 mg/l. Monitoring for chlorine breakthrough may necessitate expediting the replacement process at inopportune times. The effluent chlorine levels must be checked daily under all circumstances.

Carbon Specifications

Material:	Virgin, Bituminous Coal
Size (US Mesh):	12 X 40
Larger than No. 12,	max 5%
Smaller than No. 40,	max 5%
Iodine Number:	> 950 mg/g
Moisture as packed, max:	3%
Abrasion No., min:	75
Uniformity Coefficient, max:	1.9
Mean Particle Size, mm:	0.9-1.4
Apparent Density, lb/ft ³ :	~28
Treatment:	Acid Washed
Water Soluble Ash:	< 1%



Part Number

ME50097

Approvals

AWWA-B604-05

NSF 61

Meets AAMI grade water standards according to ANSI/AAMI 26722

Packaging

Packaged Weight

28 lbs

Packaging Materials

Plastic Bag

Mar Cor Purification Support Services

Mar Cor Purification is one of the largest and most experienced water purification companies in North America. We have been servicing medical water treatment equipment for over 40 years and have an experienced nationwide team of technicians qualified to work on your medical water systems. We have a service office within 100 miles of over 70% of the U.S. Medical customers. Key services offered include:

Service Exchange Deionization and Carbon

Service Deionization(SDI) is a portable DI and carbon exchange service that allows our customers to produce high purity water in an economical manner. A typical SDI system for medical customers is used as a standby in case of system malfunction or during servicing.



Some of the benefits of an SDI system are:

- Convenient access to high purity water in the event of equipment shutdown.
- Service carbon for both portable and/or additional chlorine breakthrough protection.
- Stringent qualified regeneration processes and traceability procedures insures SDI performance.
- Water quality monitors and divert mechanisms to meet AAMI standards and CMS guidelines.

Equipment Installation

- System Start-up
- In-depth Operator Training
- Storage & Distribution Piping Systems

Maintenance & Repair

- Diagnostics and Repair Services
- System Performance Audits
- Standard Service Contracts

Engineering Services

- AutoCAD Drawings
- Project Management
- Engineering Documentation

Visit our website www.mcpur.com to find your local **Mar Cor Purification Representative**.



Mar Cor Purification Service Center Locations

Atlanta, GA	Jacksonville, FL	Orlando, FL
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Boston, MA	Memphis, TN	Raleigh, NC
Chicago, IL	Minneapolis, MN	San Antonio, TX
Cleveland, OH	Montreal, QC	San Francisco, CA
Dallas, TX	Nashville, TN	Seattle, WA
Detroit, MI	New Orleans, LA	Tulsa, OK
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