

PTG-520[®] Carbon Filtration System

Compact Carbon Filtration System for Portable RO Systems

Dialysis providers have long appealed to water system suppliers to develop a carbon filtration alternative that will ensure chlorine and chloramines are fully and reliably removed prior to the RO system in a configuration that is effective and convenient.

The compact PTG-520 Carbon Filtration System is a new option that is now available to owners of portable RO systems. The PTG-520 system is lighter, has a lower profile and is cost effective. The PTG-520 carbon block filter has been tested to meet specific regulations pertaining to the use of carbon as detailed in ANSI/AAMI 23500, specifically Annex F & G. The Carbon Filtration System includes 2 carbon block filters in series and is engineered and manufactured to be clean by design.

Standard Features

- Ease of Use - 85% lighter design results in less strenuous cart movement*
- Compact Design - Low profile Carbon Filtration System increases cart stability
- Retrofittable - Carbon Filtration System can be retrofitted on your existing M1 or M2 cart or docking station
- Cost Effective Performance - Change out schedule should result in less costly operation and eliminate need for onsite service
- Reliability - Chlorine & Chloramine removal guidelines allow for flexible replacement options without compromising performance
- Cleaner – Regular change out results in less potential bacteria buildup in the carbon filter

* when compared with (2) 0.85 cu. ft. carbon tanks.



Close Up View of the PTG-520 System



PTG-520 System Attached to M1 Cart

Technical Data

PTG-520 Carbon Filtration Specifications	
Feed Water Supply	
Feed Flow	Max 1.1 gpm
Feed Pressure	Min 20 psi Max 80 psi
Differential Pressure	Max 15 psi
Temperature	35-100°F
Inlet Connection	3/8" x 5/8" OD Braided Hose
Cartridge Specifications	
Cartridge Dimensions	5 1/2" x 20 3/4"
Dry Weight	5 lbs
Micron Rating	1 micron
Chloramine Removal Capacity	30,000 gallons at 1.1 gpm & 3.0 ppm chloramine
Materials of Construction of Cartridge & Housing	
Endcaps	Polypropylene
Netting	Polypropylene
O-Ring, Filter	Santoprene
O-Ring, Housing	BUNA-N
Housing	White Polypropylene

Part Numbers	
Cartridge	3027145
O-Ring, Housing	285-85-003
Carbon Filter Kit*	3027335
* This kit is intended for use with existing M1 or M2 cart or docking station and includes 2 housings, 2 carbon cartridges, support bracket, 2 pressure gauges, 2 sample valves, and interconnecting piping.	

PTG-520® is a registered trademark of Mar Cor Purification.



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