



# PENTEK GS-210RO-MF INLINE RO POST FILTER HOLLOW FIBER & FIBERDYNE

REVERSE OSMOSIS POST FILTER



**Pentair Pentek\* GS-210RO-MF Reverse Osmosis Inline Post Filter uses hollow fiber and Fiberdyne technology to reduce heterotrophic bacteria and chlorine. Each inline filter is required to meet our factory's strict performance requirements prior to shipment.**

## FEATURES/BENEFITS

Design integrates two industry leading technologies; Fiberdyne and Hollow Fiber

Membrane filtration provides 99.9999% reduction of bacteria by mechanical means\*\*

Inline design simplifies retrofit and upgrade to existing RO systems

Performance claims supported by third party testing

Designed with 1/4" FNPT threaded connections

NSF/ANSI Standard 53 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means

## OPERATIONAL LIMITS

This product is intended for use as a post filter for an RO system with a tank.

Filter is not to be installed on microbiologically unsafe water supplies. Filter and membrane element performance can be affected by fluctuations in water quality.

\*\* Tested & verified by independent laboratory testing.

EPA EST. NO. 090375-MEX-001



## SPECIFICATIONS

This product is intended for use under the following operating conditions:

Temperature Range:.....40–100°F (4.4–37.8°C)  
 Pressure Range:.....20–125 psi (1.4–8.62 bar)  
 Capacity/Flow Rate:.....600 gallons (2,271 L) @ .5 gpm (1.9 Lpm)  
 Dimensions:.....2.5" x 11" (63.5 mm x 279.4 mm)

This product has been tested for capacity with the following RO system influent conditions:

pH.....6-9  
 TDS (mg/L):.....1,500 mg/L  
 Hardness (mg/L):.....200 mg/L, 80 mg/L (as Ca)  
 Turbidity (NTU): .....3 NTU  
 TOC (mg/L):.....10 mg/L (<33% humic)  
 Temperature (°F):.....>40°F  
 Influent Pressure Range:.....20–40 psi (1.4–2.76 bar)

## SHIPPING SPECIFICATIONS

PART #	MODEL #	CARTON DIMENSIONS - INCHES (CM)	WEIGHT LBS. (KG)	CARTON QTY.
655094-43	GS-210RO-MF-B	12" L x 9" W x 12.25" H	13.4 lbs	12
<b>PALLET</b>		45" L x 39.4" W x 41.7" H	576 pcs.	



The GS-210RO-MF has been tested and certified by NSF International against NSF/ANSI Standard 42 and 53 for the claims specified in the Performance Data Sheet.



The GS-210RO-MF Inline product has been tested by BioVir Laboratories Inc. and found to meet all the requirements of protocol PWP-LAB-401, developed for verifying the integrity of products that claim 99.9999% or greater removal of bacteria. The protocol challenges the product at the beginning, end, and up to two times throughout the life of the product for bacteria at an influent concentration of 8-log. Products that are tested under this protocol are run at open flow, 60 psi, 50% cycle, for no less than eight hours per day.

Membrane filtration provides 99.9999% reduction of bacteria by mechanical means.  
*GS-210RO-MF demonstrated a greater than 7-log reduction*  
 For additional information visit [waterpurification.pentair.com](http://waterpurification.pentair.com)



### WATER QUALITY SYSTEMS

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