



MILLER
LEAMAN

ULTRA PURE

UF/RO MEMBRANE SYSTEMS

Quick Guide

5 Micron Pre-Filter Maintenance



Background

All of Miller-Leaman's Reverse Osmosis systems come with a 5 Micron Sediment Pre-Filter. The purpose of the filter is to remove any larger solids to provide longer life to R.O. Membranes.

Note: Miller-Leaman recommends changing these Pre-Filters on a monthly maintenance schedule.

2-1/2" x 20" Filter on R.O. models 1800 GPD- 7200 GPD ([QTY 20 per box](#))

4-1/2" x 20" Filter on R.O. models 4800 GPD- 40,000 GPD ([QTY 10 per box](#))

Part Numbers



5 Micron Filter

2-1/2" x 20"

Part Number: 230-001-FL

4-1/2" x 20"

Part Number: 230-002-FL



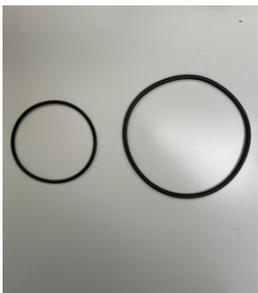
Housing Wrench

2-1/2" Housing Wrench

Part Number: 600-221-RP

4-1/2" Housing Wrench

Part Number: 600-421-RP



Housing Filter O-Ring

2-1/2" O-Ring

Part Number: 600-222-RP

4-1/2" O-Ring

Part Number: 600-422-RP



Filter Housing

2-1/2" Filter Housing

Part Number: 600-220-RP

4-1/2" Filter Housing

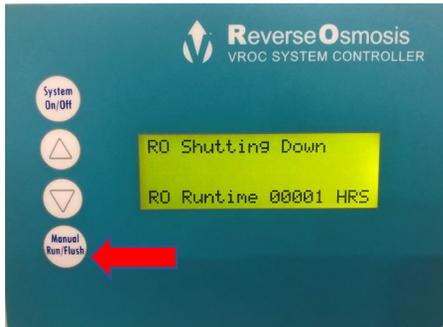
Part Number: 600-410-RP



NOTICE

It is important to maintain your Pre-Filter as this can also impact your inlet pressures and performance of your R.O. System

Pre-Filter Replacement Procedures



STEP 1- Hold “System On-Off” button to turn off



STEP 2- Shut off the incoming water supply using the Carbon Filter Bypass as shown in Picture



STEP 3- Relieve Pressure from Filter Housing using The ¼” Test Port or the “Red” button on top of the Filter Housing Cap

Pre-Filter Replacement Procedures



STEP 4-Using Provided Housing Wrench, Remove Filter Housing

Note: If pressure is not relieved the Filter Housing will not loosen!



STEP 5- REMOVE OLD FILTER AND RINSE OUT FILTER HOUSING OF ANY DEBRIS



STEP 6- Place new Filter in Housing Ensuring the Filter is lined up with the Nipple on bottom of Filter Housing

Pre-Filter Replacement Procedures



STEP 7- ENSURE THE HOUSING O-RING IS SEATED PROPERLY



STEP 8- HAND TIGHTEN FILTER HOUSING BACK INTO HOUSING CAP.
HAND TIGHTEN FILTER ONLY!!



STEP 9- TURN WATER SUPPLY & POWER BACK ON TO SYSTEM.



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