

## Max Premium Residential Cartridge Tank

### Product Options

- Premium – Integrated Bypass Residential - 1 1/4" plumbing connection

### Microlene's NEW Whole Home Water Quality Improvement System

Max is a whole house filtration system offering extended service and life while being a more cost effective and efficient filtration system.

Utilising a patented industry exclusive liner design and no tools necessary snap-ring design; Full radial seal top and bottom caps make replacement simple. The Microlene Max cartridge tank makes it easy to access and replace the cartridge

Lightweight and cost effective with multiple configuration options, from high flow commercial/industrial applications to stand-alone residential Point- of-Entry (POE) installations for city and well water applications, this is the filtration solution of the future...100% non-metallic! The Microlene Max cartridge tank is a high performance, NSF 44 listed device and has been tested to 150 psi operating pressure with 4:1 Burst Safety Factor.

### APPLICATIONS:

- Ideal for Residential, Food Service, Rental Fleets, Commercial and Industrial Applications
- Make-up Water, RO Pre-filtration, Cooling Towers, Chill Water Loops, Metal Finishing Process Water (turbidity, particulate, colloidal suspensions)
- Reduction of unwanted bad taste and odor from potable drinking water
- City water applications where water softeners are a hard sell...as a replacement option of pitcher, faucet, bottled water and/or refrigerator filters
- Reduction in frequency of replacing common 2 1/2" or 4 1/2" housings...Bigger is Better
- Other water-based fluid solutions

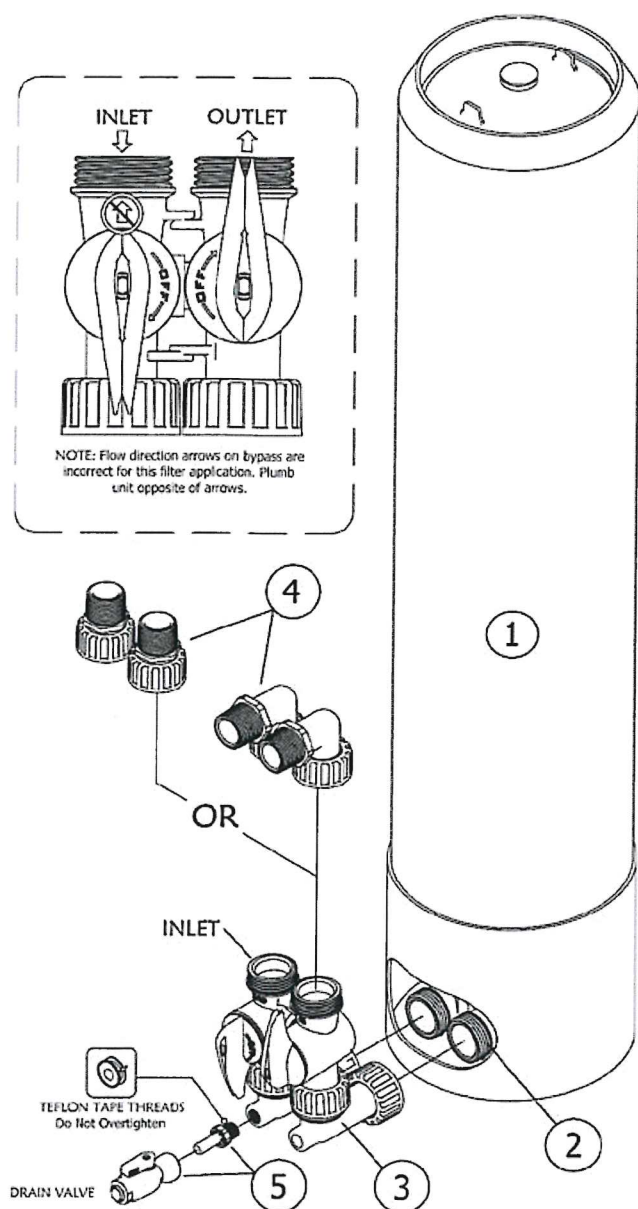
### BENEFITS:

- Lightweight and cost effective housing with high chemical compatibility
- Simple and easy change-out cartridges
- Match the filtration solution with flow rate requirements
- Extended service life, contaminant removal, and dirt holding capacity
- Low pressure drop = High flow

### FEATURES:

- 100% non-metallic!
- Patented no-tools necessary snap-ring design
- Multiple filtration solutions
- Full 3/4" NPT plumbing connection with bypass and 3/8" PEX John Guest® Drain
- Large capacity filter configurations

# Technical Schematics



## PART IDENTIFICATION:

1. Filter housing
2. Bottom Inlet/Outlet cap assembly
3. Bypass manifold
4. Straight or 90-degree Angled In/Out 3/4" NPT plumbing connectors
5. 3/8" PEX Drain valve assembly with shut-off

## SIMPLE ASSEMBLY INSTRUCTIONS:

Connect #3 to #2 on the bottom of the Filter Housing #1

HAND TIGHTEN ONLY

Use either of part #4 for connecting your plumbing to the system

HAND TIGHTEN ONLY

Install part #5 into #3 using the threaded connection and Teflon tape  
HAND TIGHTEN ONLY

Connect 3/8" plumbing to drain

NOT PROVIDED

## CARTRIDGE TANK

### Integrated Bypass, Meter & Drain Connection System for Cartridge Tank

This connection system is an alternative to the 1 1/4" female glue socket connection that has been offered as the connection solution to the Cartridge Tank and is available to be used with POE (Point-of-Entry) filters in the **BLUE**, **GREEN**, **YELLOW**, **ORANGE** and **WHITE** filtration series.

