

AQUASAFE OF CAPE COD

RO5-M ONE PIECE MANIFOLD REVERSE OSMOSIS SYSTEM

The patent pending RO-5M brings unequalled water quality and system value.

FEATURES

PREMIUM FILTRATION PACKAGE

- **Stage 1:** Sediment Filter removes particulates down to 5 micron.
- **Stage 2:** Carbon Block Filter removes chlorine taste and odors.
- **Stage 3:** Carbon Block Filter removes chlorine taste and odors.
- **Stage 4:** High Production TFC Membrane rejects impurities down to 1/10,000th of a micron.
- **Stage 5:** Final filter for enhancing water taste.
- Adapt-A-Valve for easy installation.
- Air Gap faucet meets local plumbing codes.
- 3- Gallon Plastic Storage Tank

VERSATILITY

- Space saving design installs under sink or in limited space.
- Adapt-A-Valve easily connects to water source.
- Increased output options available.

RELIABILITY

- Advanced design uses patented technology and high quality components to assure years of continuous operation with trouble free performance.
- One piece manifold minimizes potential for water leakage.
- Non-corroding plastic water storage tank
- The RO5-M is backed by the manufacturer's 130 year reputation of excellence.

PERFORMANCE

- Produces up to 50 gallons of bottled water quality water per day.
- NSF tested and Certified to Standard 58.
- System goes well beyond basic water filtration and typical faucet mount products.



ONE PIECE MANIFOLD
REVERSE OSMOSIS
SYSTEM



System tested and certified by NSF International against NSF/ANSI Standard 58. Refer to PDS for specific performance claims.

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Sales, installation and maintenance of water purification systems

A Division of The Fuel Company – P.S. Ideal and Earle Fuel · 111 E. Falmouth Highway · E. Falmouth, MA 02536

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RO5-M

ONE PIECE MANIFOLD REVERSE OSMOSIS SYSTEM

PERFORMANCE

Element	Average In	Average Effect	% Reduction
Arsenic (Pentavalent)	334.615 ug/L	5.0385 ug/L	98.40 %
Barium	10.2 mg/L	0.13 mg/L	98.70 %
Cadmium	0.031 mg/L	0.0001 mg/L	99.70 %
Chromium (Hexavalent)	0.30 mg/L	0.006 mg/L	98.00 %
Chromium (Trivalent)	0.30 mg/L	0.003 mg/L	99.00 %
Copper	3.0 mg/L	0.04 mg/L	98.70 %
Cysts	222,077#/ml	10 #/m	99.99 %
Cryptosporidium	222,077#/ml	10 #/m	99.99 %
Entamoeba	222,077#/ml	10 #/m	99.99 %
Fluoride	8.0 mg/L	0.33 mg/L	95.90 %
Giardia	222,077#/ml	10 #/m	99.99 %
Lead	0.15 mg/L	0.004 mg/L	97.30 %
Nitrate	26 mg/L	6.1 mg/L	76.50 %
Nitrite	2.8	0.50 mg/L	82.00 %
Perchlorate	0.10 mg/L	0.003 mg/L	97.00 %
Radium	226/228 25pCi/L	5pCi/L	80.00 %
Selenium	0.10	<0.001	99.00 %
TDS (Total Dissolved Solids)	765mg/L	24mg/L	96.80 %
Turbidity	81 NTU	0.15 NTU	99.80 %
Toxoplasma	222,077#/ml	10 #/ml	99.99 %

OPERATION PARAMETERS

Temperature	Minimum 40°F (4.4°C)	Maximum 100°F (37.8°C)
Pressure	Minimum 40 psi (2.80 kg/cm ²)	Maximum 85 psi (6.0 kg/cm ²)
pH	Minimum 2	Maximum 11
Iron (Fe)		Maximum 1.0 ppm
TDS (Total Dissolved Solids)	< 2000 ppm	
Turbidity	< 5 NTU	

SYSTEM MAINTENANCE

Stage	Filter	Frequency
1	5-Micron Sediment	6-12 Months
2	5-Micron Carbon Block	6-12 Months
3	5-Micron Carbon Block	6-12 Months
4	Membrane	2-5 Years
5	Final Filter	1 year

For more information, please call your AquaSafe Representative.

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