

# Drinking water contaminants and their control with Reverse Osmosis Water Treatment Systems.

All the pure water system Reverse Osmosis models consist of RO and Post-treatment together as the finest complete water treatment system.  
Reverse Osmosis Membrane NSF Standard 58 listed

## INORGANIC CONTAMINANT

### CATIONS

	<b>% REJECTION CTA*</b>	<b>% REJECTION TFC*</b>
Sodium	90-93	99
Calcium	94-97	99
Magnesium	96-98	99
Potassium	87-94	98
Iron	95-98	99
Manganese	98-99	99
Aluminum	86-92	99
Ammonium	98-99	97
Copper	98-99	99
Nickel	98-99	99
Zinc	98-99	99
Strontium	98-98	99
Cadmium	96-98	99
Silver	93-98	98
Mercury	96-98	98
Barium	96-98	99
Chromium	96-99	99
Lead	96-98	99

\*Cellulose Triacetate Membrane

\*Thin Film Composite Membrane

### ANIONS

Chloride	87-93	99
Bicarbonate	90-95	98
Nitrate	60-75	97
Fluoride	87-93	98
Silicate	85-90	98
Phosphate	98-99	99
Chromate	86-92	99
Cyanide	86-92	95
Sulfate	96-98	99
Thiosulfate	96-99	99
Ferrocyanide	96-99	97
Bromide	87-93	98
Borate	30-50	50
Arsenic	96-99	99
Selenium	94-96	99

### BIOLOGICAL & PARTICULATE CONTAMINANTS

Bacteria	>99	>99
Protozoa	>99	>99
Ameobic Cysts	>99	>99
Giardia	>99	>99
Asbestos	>99	>99
Sediment/Turbidity	>99	>99



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REVERSE OSMOSIS  
SYSTEMS