



AQUA-CLEER® REVERSE OSMOSIS DRINKING WATER SYSTEMS (H-52, H52C, H53, H53C)

Contaminant Rejection Guidelines

CONTAMINANT	MAXIMUM CONTAMINANT LEVEL (MG/L)*	AVERAGE PERCENT REJECTION
Arsenic (Total)	.05	83
Barium	1.00	93
Cadmium	0.01	93
Chromium (III)	0.05	90
Lead	0.05	97
Mercury (II)	0.002	60
Nitrate (as N)	10.00	39
Selenium (IV)	0.01	89
Silver	0.05	72
Fluoride	1.4-2.4	93
Chloride	250.0	74
Copper (II)	1.0	99
Manganese	0.05	93
Sulfate	250.0	97
TOTAL DISSOLVED SOLIDS	500.0	84
Zinc	5.0	99
Calcium	—	90
Magnesium	—	91
Sodium Bicarbonate	—	87
Sodium Sulfate	—	96
Sodium Chloride	—	80
Sodium	—	84
Aluminum	—	97
Bicarbonate	—	94

The above rejections have been demonstrated in independent laboratory testing with water of pH 7-8 at 70-74°F with 500-3,000 mg/L of total salts, operating with 40-70 psi pressure across the module. These values are averages of several values obtained with new modules during several tests of two weeks duration. Local conditions may yield different rejections.

NOTE: Operational, maintenance and replacement requirements are essential for this product to perform as advertised. The substances reduced by this water treatment device are not necessarily in your water.



Contaminant Rejection Guidelines

CONTAMINANT	MAXIMUM CONTAMINANT LEVEL (MG/L)**	AVERAGE PERCENT REJECTION
Arsenic (III)	.05	98
Barium	2.0	99
Cadmium	0.005	98
Chromium	0.1	99
Lead	0.015***	97
Mercury (II)	0.002	94
Nitrate (as N)	10.0	91
Nitrate (as NO ₃)	45.0	91
Selenium	.05	98
Silver*	0.1	98
Fluoride	4.0	86
Aluminum*	0.05-0.2	98
Chloride*	250*	96
Copper (II)	1.3***	99
Manganese*	0.05	97
Sulfate*	250	99
TOTAL DISSOLVED SOLIDS*	500	97
Zinc*	5.0	99
Calcium	—	98
Magnesium	—	98
Sodium Bicarbonate	—	96
Sodium Sulfate	—	98
Sodium Chloride	—	93
Sodium	—	97
Bicarbonate	—	95
Iron*	0.3	
Asbestos	7 MFL	99
Radium 226/228****	5pCi/L	80

These substances may not be in your water.

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*Regulated by the Safe Drinking Water Act Secondary Drinking Water Standards

**Regulated by the Safe Drinking Water Act

***USEPA Action Level

****Minimum performance estimate based on barium surrogate

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NOTE: It is important that this system be maintained according to manufacturer's instructions, including replacement of filters and other components.