

Ultimate Drinking Water Quality with pH Balance

pH is a measure of the acidity or basicity of liquids. A pH of 7 is considered neutral. Above 7 is considered basic or alkaline, and less than 7 is considered acidic.

System Summary

Includes complete system; housings, cartridges, mounting bracket, quick connections, 3 gal. storage tank, tubing, chrome faucet and installation guide. (Brushed Nickel, Oil Rubbed Bronze & Stainless Steel Available. Add'l Cost)

Stage 1:	Sediment Filter - 5 mic	6/12 mos
Stage 2:	Carbon Block Pre-Filter - 5 mic	6/12 mos
Stage 3:	Carbon Block Pre-Filter - 5 mic	6/12 mos
Stage 4:	TFC RO Membrane - 50 gpd@60psi	24/36 mos
Stage 5:	Inline Carbon Post-Filter	12/18 mos

Stage 6: High Capacity Alkaline Cartridge

- Increases pH to levels between 8 and 9.5
- Controlled TDS release (40ppm vs 300ppm)
- Alkaline Filter Service Life of up to 3,000 gallons
- Made in USA



Depending on water chemistry, water temperature, and water pressure, HALO WATER R.O. Systems production and performance will vary. Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage. Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the user as reverse osmosis treated water when the system is operated without a storage tank or when the storage tank is bypassed. There is an average of 4 gallons of rejected water for every 1 gallon of product water produced. REFER TO OWNER'S INSTALLATION/SERVICE MANUAL FOR FURTHER MAINTENANCE REQUIREMENTS AND WARRANTY INFORMATION
 California Proposition 65 Warning
 WARNING: this product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. (Installer: California law requires that this warning be given to the consumer). For more information: www.wattsind.com/prop65

System has been Tested & Certified by NSF International against NSF/ANSI Standard 58 for the reduction of:
 Arsenic, Barium, Cadmium, Copper, Cyst, Fluoride, Hexavalent Chromium, Lead, Radium 226/228, Selenium, Trivalent Chromium, Turbidity and TDS.

This system has been tested according to NSF / ANSI 58 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF / ANSI 58. This system has been tested for the treatment of water containing pentavalent arsenic (also known as (V), as (+5), or arsenate) at concentrations of 0.30mg/L or less. This system reduces pentavalent arsenic but may not remove other forms of arsenic. This system is to be used on water supplies containing a detectable free chlorine residual at the system inlet or on water supplies that have been demonstrated to contain only pentavalent arsenic. Treatment with chloramine (combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic. Please see the arsenic facts section of the data sheet for further information.

	Avg. In. (mg/L)	Avg Eff. (mg/L)	% Reduction	pH	Pressure (mg/L)	Max Eff. concentration (mg/L)	Inf. challenge concentration (mg/L)	Max. Allowable
Arsenic (pentavalent)	334.62 ug/L	5.039 ug/L	98.4%		50psi	19 ug/L	0.30±10%	0.010 mg/L
Barium Reduction	10.2	0.13	98.7%	7.24	50psi	0.27	10.0±10%	2.0
Cadiumum Reduction	0.031	0.0001	99.7%	7.49	50psi	0.0009	0.03±10%	0005
Chromium (hexavalent)	0.30	0.006	98.0%	7.24	50psi	0.013	0.03±10%	0.1
Chromium (trivalent)	0.03	0.003	99.0%	7.24	50psi	0.008	0.03±10%	0.1
Copper Reduction	3.0	0.04	98.7%	7.64	50psi	0.06	3.0±10%	1.3
Cysts	222.077#/ml	10 #/ml	99.99%		50psi	58 min.	50,000/ml	N/A
Fluoride Reduction	8.0	0.33	95.9%	7.49	50psi	0.47	8.0±10%	1.5
Lead Reduction	0.15	0.004	97.3%	7.49	50psi	0.008	0.15±10%	0.0107
Radium 226./228	25pCi/L	5pCi/L	80.0%	7.24	50psi	5pCi/L	25pCi/L±10%	5pCi/L
Selenium	0.10	<0.001	99.0%		50psi	<0.001	0.10±10%	0.05
TDS	790	29	96.0%	7.8	50psi	47	750±40 mg/L	187
Turbidity	81 NTU	0.15 NTU	99.8%		50psi	0.28 NTU	11±1 NTU	0.5 NTU

Recovery - 13.3%

Daily Production Rate - 13.7

GPD Efficiency - 7.8%