

Conductivity Micromhos-cm @25°C	Resistivity Ohms-cm @25°C	Total Dissolved Solids Parts per Million (ppm)	Approximate Grains/Gallon (GPG 12 CaCO3)	Notes
0.056	18000000	0.0277	0.00164	Water is unsuitable due to extreme acidity The high PH is corrosive to metal parts in the humidifier, the chamber interior and windows. Find an alternate water supply
0.059	17000000	0.0294	0.00170	
0.063	16000000	0.0313	0.00181	
0.067	15000000	0.0333	0.00193	
0.072	14000000	0.0357	0.00211	
0.077	13000000	0.0384	0.00222	
0.084	12000000	0.0417	0.00240	
0.091	11000000	0.0455	0.00263	
0.100	10000000	0.0500	0.00292	
0.111	9000000	0.0556	0.00322	
0.125	8000000	0.0625	0.00368	
0.143	7000000	0.0714	0.00415	
0.167	6000000	0.0833	0.00485	
0.200	5000000	0.1000	0.00585	
0.250	4000000	0.1250	0.00731	
0.333	3000000	0.1670	0.00971	
0.500	2000000	0.2500	0.0146	
1.000	1000000	0.5000	0.0292	
1.11	900000	0.5560	0.0322	
1.25	800000	0.6250	0.0368	
1.43	700000	0.7140	0.0415	
1.67	600000	0.8333	0.02485	
2.00	500000	1.00	0.0585	
2.50	400000	1.25	0.0731	
3.33	300000	1.67	0.0971	
5.00	200000	2.50	0.146	
10.0	100000	5.00	0.292	No Water Treatment Required
11.1	90000	5.56	0.322	
12.5	80000	6.25	0.368	
14.3	70000	7.14	0.415	
16.7	60000	8.33	0.485	
20.0	50000	10.0	0.585	
25.0	40000	12.5	0.731	Standard Deionizer and Carbon Filter Required
33.3	30000	16.7	0.971	
50.0	20000	25.0	1.46	
100.0	10000	50.0	2.92	RO Only
111	9000	55.6	3.22	
125	8000	62.5	3.68	
143	7000	71.4	4.15	
167	6000	83.3	4.85	
200	5000	100	5.85	
250	4000	125	7.31	RO & 1 Post Deionizer Filter
333	3000	167	9.71	
500	2000	250	14.6	
1000	1000	500	29.2	
1110	900	556	32.2	RO & 2 Post Deionizer Filter
1250	800	625	36.8	
143	700	714	41.5	
1670	600	833	48.5	
2000	500	1000	58.5	
2500	400	1250	73.1	
3330	300	1670	97.1	Water contains to many solids to be filtered find another source.
5000	200	2500	146	
10000	100	5000	292	