



Water Specifications for CARON Chambers

CARON requires that *distilled* or *deionized* water with resistivity between 0.05 & 1 Mega Ohm –cm (see shaded area below) and pH above 6.5 be used with its chambers.

Conductivity μS/cm	Resistivity Ω-cm	Dissolved Solids Ppm	Grains Gpg
0.056	18,300,000	0.0277	0.00164
0.063	16,000,000	0.0313	0.00181
0.072	14,000,000	0.0357	0.00211
0.084	12,000,000	0.0417	0.00240
0.1	10,000,000	0.05	0.00292
0.5	2,000,000	0.25	0.0146
1	1,000,000	0.5	0.0292
2	500,000	1.00	0.0585
5	200,000	2.5	0.146
10	100,000	5	0.292
20	50,000	10	0.585
50	20,000	25.0	1.46
100	10,000	50	2.92
200	5,000	100	5.85
500	2,000	250	14.6
1000	1000	500	29.2
2000	500	1,000	58.5
5000	200	2,500	146
10,000	100	5,000	292
20,000	50	8,000	467

← Pure Water

Caron {

} City Water

The chart above is for water at 25°C
ppm (parts per million) and gpg (grains per gallon) is expressed as CaCO₃

Tap water & deionized water falling outside the above range is not recommended.