

WATER SPECIFICATIONS FOR USE IN CARON EQUIPMENT

Caron requires that distilled, deionized, or reverse-osmosis/deionized Type 2 water with resistivity between 50K Ω /cm. & 1 Meg Ω /cm. (see green area below) and pH above 6.5 be used with its chambers:

CONDUCTIVITY Micro-Siemans/cm.	RESISTIVITY Ohms/cm.	TOTAL DISSOLVED SOLIDS (TDS) Parts Per Million (PPM)	HARDNESS Grains Per Gallon (GPG) CaCO ₃	PURITY CLASSIFICATION ASTM D1193-91/ ISO 3696/ EPA Regulations
0.056	18,300,000	0.0277	0.00164	Type 1 (DI, RO/DI, Double-Distilled, organic, sediment & endotoxin filtration) TOO PURE; CORRODES COMPONENTS
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	Type 2 (DI, RO/DI, Distilled, organic/sediment filtration) IDEAL FOR HUMIDIFICATION APPLICATIONS
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	Typical Municipal (tap) water (Chlorinated, aerated, softened) NOT PURE ENOUGH; LEAVES DEPOSITS
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	

Damage to units from use of improper quality water will void the product warranty. CRSY water recirculation system is available from Caron for facilities without correct input water.

Contact Caron Technical Service if you have any questions.