

Standard are the Obvious Con-Serv Qualities: Table of contents

Saving Our World's Water User Friendly = Quality Construction = Performance = Low Cost to Operate = Inexpensive to Purchase

MANUFACTURING

CON-SERV MFG – Units of Concentration / Conversions / and Water Hardness Classifications

Units of Concentration

<u>Unit</u>	Abbreviation	Describes
milligrams per liter	mg/L	(weight per volume)
parts per million	ppm	(weight in weight)
parts per billion	ppb	(weight in weight)
parts per trillion	ppt	(weight in weight)
grains per gallon	gpg	(weight per volume)
milli-equivalents per liter	m eq/L	(weight per volume)

Conversions

mg/L / 17.1 = gpgppm / 17.1 = gpg $gpg \times 17.1 = ppm \text{ or } mg/L$ mg/L (expressed as $CaCO_3$) x 50 = m eq/L $ppm \times 1000 = ppb$ $ppb \times 1000 = ppt$

> Understanding the relationships of units of concentration

Water Hardness Classifications

Classification
soft water
slightly hard water
moderately hard water
hard water
very hard water