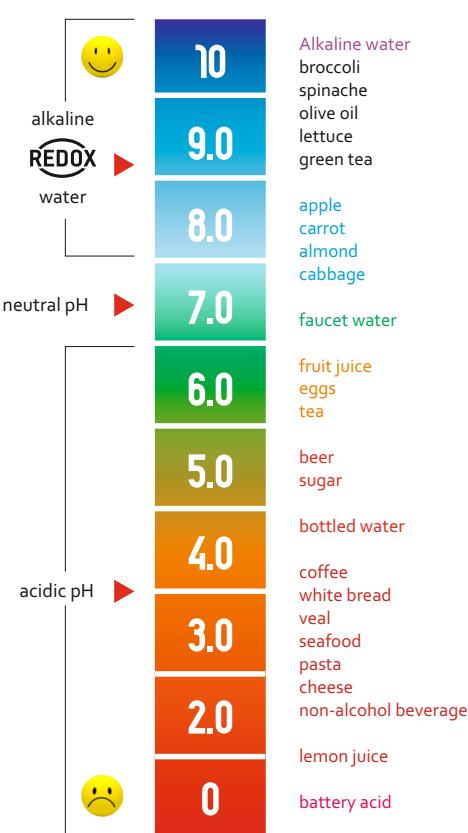


Alkaline water cartridge

The cartridge increases the pH of potable water and lowers its REDOX potential by producing alkaline water. Water with high pH value (between 8.0 and 9.5) also contains crucial elements such as Magnesium (Mg), Potassium (K), Calcium (Ca) and Sodium (Na). The composition of such water is beneficial for the human body. The REDOX potential is the capacity of water to accept foreign electrons. It is measured in millivolts (mV). The higher the REDOX potential, the greater is the water's capacity to accept free radicals. The water produced by the cartridge has a negative potential, between -50 to -400 mV.

Alkaline water cartridge

pH scale:



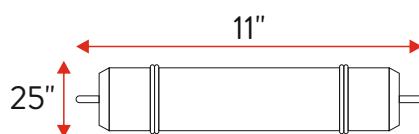
The cartridge modifies the pH of water, increasing it to the 8.0 - 9.5 level.

Inlet water parameters:

pH	ORP	Hydrogen
8.0~9.5	-50 ~ -400 mV	> 100 ppb~*
Minerals:		
Calcium (Ca), Potassium (K), Magnesium (Mg), Sodium (Na)		

*ppb (ang. parts per billion): indicates the number of particles contained in 1 billion particles of the solvent.

The alkaline water ionisation device produces alkaline water during an advanced filtration process. Not only does it purify water by the use of a membrane, but also it provides the water with anti-oxidants. This makes the water efficient in the reduction of free radicals process.



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