

Is Bottled Water Your **Green** Solution?

The cycle of bottled water production has prompted alarming environmental concerns. As the graphic below illustrates, millions of barrels of oil are required in the global manufacture and distribution of plastic bottles. The enormous waste caused by this process results in tremendous energy usage, harmful greenhouse gas emissions and massive landfill overflows.



Spectrum Water Coolers

The **Green** Solution to Office Drinking Water

Spectrum Water Coolers reduce the impact on the environment by dramatically decreasing greenhouse gas emissions and lowering energy consumption.

- When your company chooses Spectrum over bottled water, you help to reduce greenhouse gas emissions (GHGs) by 98% through the elimination of plastic.
- Spectrum has coolers that cut energy usage by 65% compared to regular water coolers.
- Spectrum's quality filtered water is chemically identical to bottled water without negative environmental impact.

Spectrum Water Coolers do not require the manufacture, transport, distribution or storage of bottled water.

- The World Wildlife Foundation estimates that 1.5 Million tons of non-biodegradable plastic are used globally each year to manufacture plastic bottles. 38 billion bottles annually are then shipped to landfills where it takes them over 1000 years to decompose.
- Most bottles are made of the oil-derived polyethylene terephthalate, known as PET, which generates more than 100 times the toxic emissions in the form of nickel, ethylbenzene, ethylene oxide and benzene than the same amount of glass bottles.
- Long distance deliveries burn fossil fuels and result in the release of thousands of tons of harmful emissions; 22 million tons of bottled liquid is transferred each year from country to country.
- Bottled water that is shipped and/or stored cold requires additional electricity.

- Large amounts of energy are used in water bottling plants throughout the US and the world.
- Energy is required to remove the empty bottles in the form of recycling or trash.

Spectrum Water Coolers reduce your environmental footprint by lessening the impact that the process of bottling water and the plastic bottles have on the environment.

- The Container Recycling Institute (CRI) estimates that supplying the US bottled water market for 1 year consumes more than 1.5 million barrels of oil, which is enough to generate electricity for more than 250,000 homes or enough to fuel 100,000 cars for an entire year.
- The CRI estimates that 90% of plastic water bottles end up as either garbage or litter.
- Americans consumed about 50 billion plastic water bottles last year, 167 bottles per person.
- Plastic accounts for 25% of the total volume of material sent to landfills every year.
- Pumping water from the ground to make bottled water dries out fresh water springs, destroys habitats, devastates ecosystems, and drains fresh water aquifers.

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