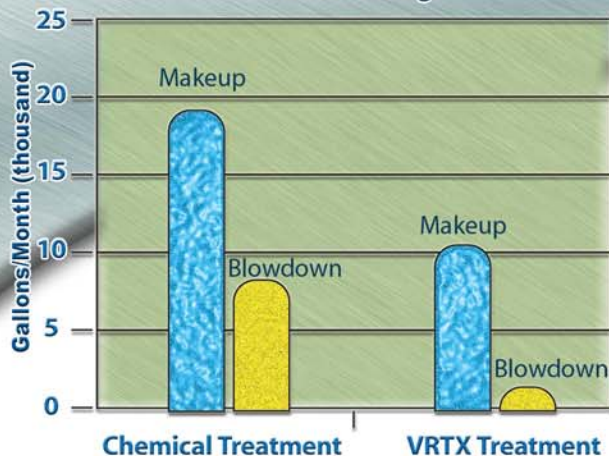


## Water Savings

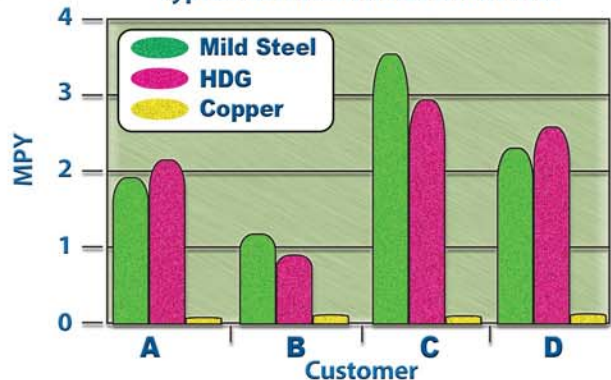


The **VRTX** system is a field-proven, patented, and award-winning technology for cooling towers and condensers. The **VRTX** reaction chamber spins water into two powerful, opposing “tornado” streams of water that collide with extreme force. The resulting energy is what causes crystal modification of calcium. In addition, this extreme energy literally blows a hole in cell walls to control microbiological growth!

### The VRTX System:

- **REDUCES WATER CONSUMPTION** through reduced discharge. A typical **VRTX** installation (on a 1,000 ton system) can save over one million gallons of water per year.
- **EFFECTIVELY CONTROLS SCALE, CORROSION, AND BACTERIA WITHOUT HARMFUL CHEMICALS.**
- **NO CAPITAL INVESTMENT** with the **VRTX** Full Service Agreement. Get **GUARANTEED** performance with no costly capital expenditure.

## Typical Corrosion Rates with VRTX



### VRTX TECHNOLOGY IS NOT:

Magnets, Electrical Fields, Sound Waves, or Special Metals, nor is it lacking in sound scientific and mechanical basis for performance.

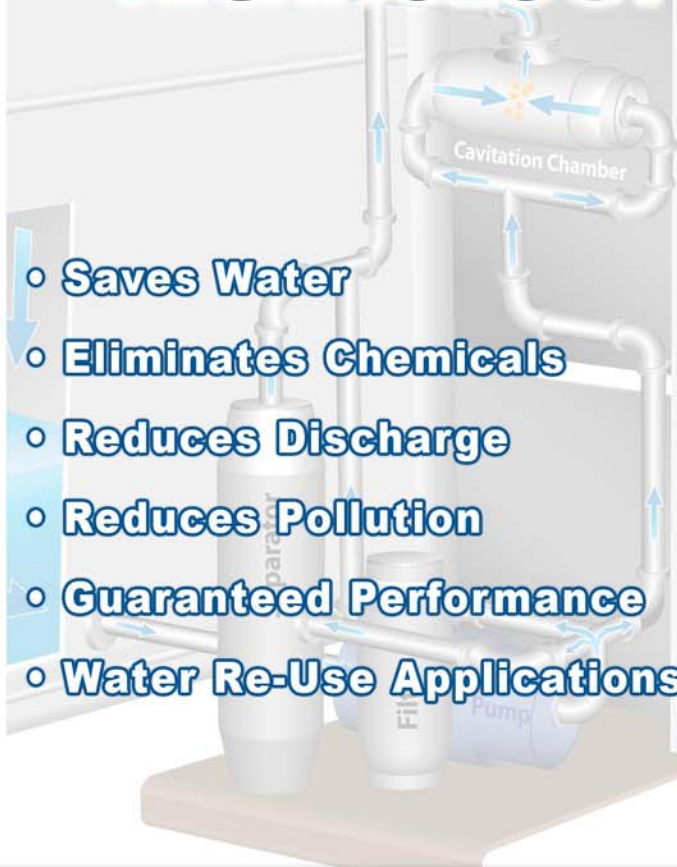
### VRTX TECHNOLOGY IS:

An established technology that has been critically evaluated by independent scientists and testing laboratories for effectiveness. The **VRTX** system is field-proven reliable at hundreds of successful installations worldwide.

*We would be happy to arrange an on-site visit and presentation to familiarize you with the **VRTX** technology and its benefits.*

# VRTX

## ADVANCED FLUID TECHNOLOGY



- Saves Water
- Eliminates Chemicals
- Reduces Discharge
- Reduces Pollution
- Guaranteed Performance
- Water Re-Use Applications



## Saves Water, Eliminates Chemicals, Reduces Discharge and Pollution

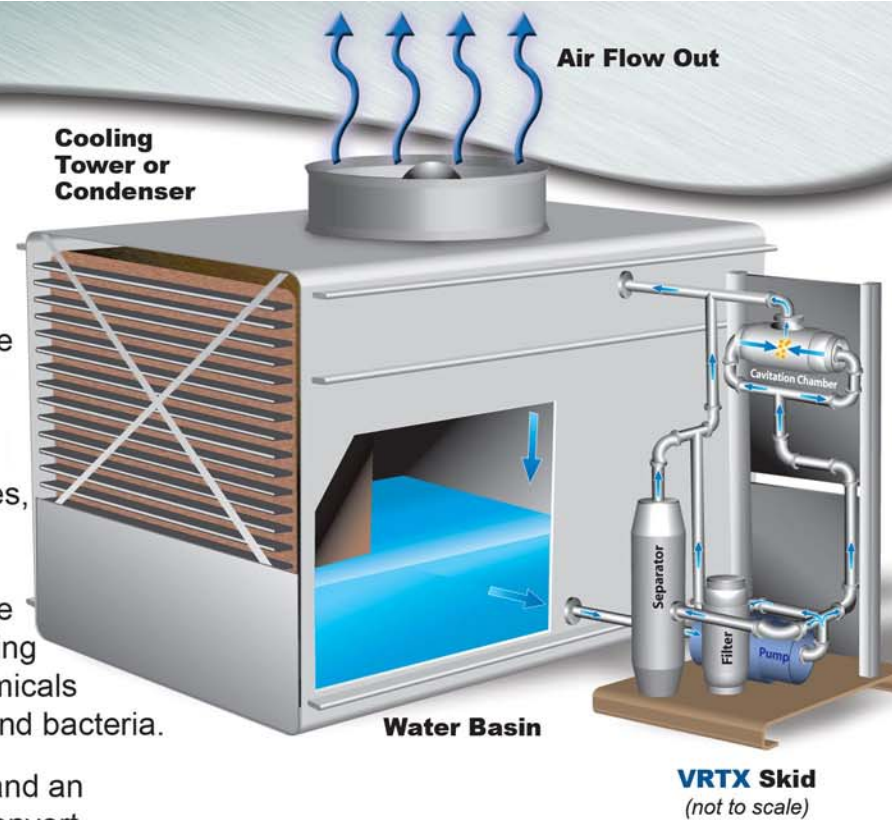
Does your facility have problems with "Hard Water?" Does scale or bacteria form in your cooling water and chiller loops? Do you waste water because of low cycles of concentration?

***VRTX is a proven technology which has been in operation over 15 years and reduces blowdown by over 40% while eliminating the use of harmful chemicals.***

**VRTX** is an established, proven, chemical-free treatment alternative for water in cooling towers and evaporative condensers. The technology has been validated by independent studies, case histories, and successfully operating **VRTX** systems. Many of these system installations are utilized by Fortune 500 companies, and **VRTX** is saving them water while eliminating chemicals and controlling scale, corrosion, and bacteria.

**VRTX** uses an eductor chamber and an independent filtration system to convert dissolved calcium and carbonate into a non-sticking, crystalline-modified form of calcium carbonate that is easy to filter and remove from water. This combined synergistic effect reduces the amount of blowdown from systems. The **VRTX** unit is compact, relatively inexpensive, and requires little maintenance. **VRTX** technology is based upon Hydrodynamic Cavitation - **NOT MAGNETS OR ELECTRIC FIELDS!**

If you can no longer afford to **throw away** water, chemicals, energy, and **MONEY** from your cooling or condenser systems, then this innovative, patented, award-winning technology may be your answer.



**Water usage and conservation** is the largest challenge facing industry today. The objective for most industry is to conserve and reduce consumption in high water usage systems such as cooling towers and evaporative condensers.

The answer to this problem is **VRTX** technology. **VRTX** technology can also be **LEED** (Leadership in Energy & Environmental Design) qualified as per the United States Green Building Council. In addition, some current installations are using blowdown for non-potable applications such as irrigation and lawn watering.

***IN SOME STATES, VRTX TECHNOLOGY IS ELIGIBLE FOR REBATES DUE TO THE DECREASE IN WATER CONSUMPTION!***