

A.E.E.



Water Systems

Green Technology



At **Akiki Engineering** we focus on providing water and waste water treatment materials and systems, during the proposal and construction phase, that are of highest quality *and* most recent technology.

Our business line is all about protecting and preserving the most critical resource to life: **Water**. In our business, compromise today does not disappear. It haunts us at a bigger cost tomorrow.



Hand Dryers

Eliminate towel waste

*Automatic and powerful
12 seconds drying time*

Expected life: 10 years

*Stainless steel
69% recyclability*

*“No-Touch” series
Maximal hygiene by being
sensor-operated*



Drinking Fountains & Water Coolers

Reduce plastic bottle waste

*0% ozone-depleting
components*

*Stainless/galvanized steel
(69% / 100% recyclable)*

*64% more efficient than US
standards*

40% less water usage



Salt-Free Water Softening

*Eliminate scale formation in
pipes by the brine water
discharge*

- Save 300 kgs salt per year

*Eliminate backwash steps
- Save 23,000 L of water*

*Eliminate electric controller
- Save Electricity*



Akiki Engineering Est.

Water & Steam Experts

Since 1995



Zurn has brought into the market several products that can help you attain **LEED** certification for your buildings.



Zurn HydroVantage Flush Valve

Powered by a self sustaining hydro generator
Creates electrical energy with each activation and stores it in a rechargeable energy cell

Self-sustaining system for approximately 10+ years

Save Electricity



Zurn Ultra Low Flow "Pint" Urinal, Commercial Brass

Save on unnecessary water disposal
88% savings of water over the standard 1.0 gallon urinal
75% savings of water over the 0.5 gallon urinals in use today

Save Water



Zurn Waterless Urinal, Commercial Brass

Save on unnecessary water disposal
Wall-hung vitreous china urinal with integral trap and drain line connection

Zurn green sealant used maintains a sanitary, environmentally friendly and odor free installation

Eliminate Water Disposal

US Baseline Flowrate Standards

Fixture	Maximum Flow Rate
Toilets	1.6 GPF
Urinals	1.0 GPF
Shower Heads	2.5 GPM @ 80 PSI; 2.2 GPM @ 60 PSI
Faucets - Commercial	0.5 GPM @ 60 PSI
Faucets - Standard	2.2 GPM @ 60 PSI
Metering Faucets	0.25 GPC @ 80 PSI

GPF = gallons per flush
GPM = gallons per minute
PSI = pounds per square inch
GPC = Gallons Per Cycle

More articles about AEE's Green Technology can be found on our website at www.akikieng.com/articles