



## Swiss Eco Tap Faucets vs. Competition



### Residential Faucets

Koehler, Toto and American Standard are the market leaders for residential faucets. Each produces standard and quality products in *design*.

### Commercial Faucets

Sloan and Delta are the clear market leaders for commercial Faucets. They too produce standard and quality products in *design*.

## Comparisons

### Gallons Per Minute (GPM)

Standard- 2.2 GPM

Best performing competition- 1.2 GPM and higher

Swiss Eco Tap- 0.17 GPM (Rolex technology for precision)

### Quality (Life Expectancy)

Standard- 3-5 years

**Best** performing competition- 5-7 years

Swiss Eco Tap- 15+ years

(See Filters & Mixing Valves below for addition information in this category)

### Design

The Swiss Eco Tap won the Good Green Design Award in 2015. This is the "Oscar" in Sustainability Design. The competition has some impressive designs as well. (Cadillac has impressive cars until you compare them with an Aston Martin)

## Energy

- (a) Water Temperature
- (b) Automatic Sensor
- (c) Vandalism

(a) Swiss Eco Tap does not require energy for hot water. This faucet is only connected to cold water. The water flowing through this faucet is broken down so precisely that you do not feel the chill in the water.

I.e. If I pour a glass of cold water on your hand, you would feel the chill. If I place a droplet of cold water on your hand, you would not feel the chill.

(b) Automatic Faucets offered by competitors have a red beam (eye) that is continuously searching for movement thus burning through batteries. This eye is beaming even throughout the night wasting energy. Our automatic Faucets do not have a constant beam. They have a motion sensor. They are not continuously searching and will only activate on movement. The Swiss Eco Tap, unlike its competitors will go into "sleep mode" approximately 90 minutes after the final use. This prevents unwarranted energy costs when utilizing one Faucet or many Faucets in one location.

(c) Competitors automatic Faucets can be vandalized by placing an object in front of the eye. This can cause overflow damage and flooding. Being the Swiss Eco Tap automatic faucet only operates on motion, the only way to vandalize this product is to either stand in front of it waving your hands or placing a pendulum in front of it. Both highly unlikely.

## Water Quality

As we all know, bacteria begins to grow in warm water and does not begin to die until temperatures exceeding 140 degrees (F). By only using the cold water line, you are improving the quality of water and minimizing the risks of Legionella and other bacteria's in water. Bacteria cannot grow in cold water.

## Filters (a) & Mixing Valves (b)

(a) Standard competitive Faucets will require a filter change every so often that can cost around \$25 each. Replacing Toto parts can be even more expensive and time consuming. Toto Faucets require Toto replacement parts only. Swiss Eco Tap does not require filter replacements.

(b) Competitive Faucets utilizing the hot water line require mixing valves. Mixing valves can cost \$200-\$300 each and need to be replaced every 3-4 years. Swiss Eco Tap does not require mixing valves.

### Water Pressures (PSI)

(Keep in mind that the average water pressure is around 60 PSI)

Standard and higher quality Faucets operate properly at around 50 PSI and can increase as high as 90 PSI. There is a noticeable difference in a standard Faucets performance when PSI drops below 50 PSI. Pressure drops happen often in properties so dropping below 50 PSI isn't uncommon. Once PSI reaches above 85-90 PSI, standard Faucets will begin to breakdown. Even the highest quality Faucets cannot exceed 100 PSI without faulting. The Swiss Eco Tap performs with the exact same quality at 25 PSI and can withstand water pressure as high as 125 PSI. No other Faucets can perform at these minimum and maximum PSI levels.

### EPA WaterSense (and its misconception)

The competition all meet EPA WaterSense criteria where the Swiss Eco Taps Faucets do not. You would think this is a disadvantage when in fact it is not. Here's the misconception, WaterSense is NOT a "certification". It is only a performance range. In order to be WaterSense approved, a product must perform between .8 and 1.6 GPM (low flow). If a product meets this criterion, the manufacturer is then allowed to place an EPA WaterSense sticker/logo on the product. The Swiss Eco Tap Faucet performs at an astounding .17 GPM which is far better than the WaterSense "minimum criteria" of .8 GPM. Since .17 GPM is far below the WaterSense minimum requirement of .8 GPM, WaterSense will not recognize the product. It does not make sense. When the EPA introduces a category of "WaterSense Ultra Low Flow", Swiss Eco Tap Faucets will be the only product in its category.



While the Swiss Eco Tap does not garnish a "WaterSense" sticker, the list of accomplishments below is quite impressive.



## LEED Points

(Quick LEED explanation)

Any first-time certification application to LEED for Operations & Maintenance is considered an **initial** O+M certification. This includes applications for buildings never previously certified under LEED **and** buildings *previously* certified under LEED for Building Design and Construction. Any certification application for a building that has already received a certification using O+M is considered an O+M **recertification**. O+M projects must apply for recertification at least once every 5 years to maintain their O+M certification (but they can also apply as frequently as every year). If projects don't recertify by the 5 year mark, it's back to the beginning—their next application will be considered an initial certification application.

*"The sale of low-flow water fixtures and waterless urinals has dramatically increased over the last ten years. The market growth for these products can be directly attributed to public policy that promotes water efficiency and the private sector's uptake of LEED and other green building programs."*

**US Green Building Council**

What are the benefits of being LEED Certified?

Below is a reference explaining **multiple** LEED Certification benefits.

<http://www.usgbc.org/articles/good-know-green-building-incentive-strategies-0>

Standard and higher quality Faucets sold in the US qualify for 1-3 out of 5 possible LEED points. **The Swiss Eco Tap Faucets qualify for 5 out of 5 possible LEED points.**

### Investment

The initial investment to purchase Swiss Eco Tap Faucets are slightly higher than purchasing standard Faucets, as they should be when purchasing the highest quality and performance. When you look long term, the overall investment when purchasing Swiss Eco Tap Faucets is considerably less compared to the competition because of the many advantages listed above.

## **BOTTOM LINE**

**There is a HUGE market for us. Take a look at Vola as an example. Vola's products are high end products for the most part and are generally sold to the wealthy. This company is not a household name yet their US sales topped \$60 million last year alone. Vola Faucets cannot outperform Swiss Eco Tap Faucets in any way.**

# Recap of Swiss Eco Tap Faucets vs. Competition

90% Water and Wastewater Savings  
Zero Energy Costs  
Swiss Quality  
Rolex Technology  
15+ Year Life Expectancy  
No Replacement Parts / Costs  
Performance Range from 25 to 125 PSI  
Vandal Proof  
"Oscar" Award Winner  
Maximum LEED Points

