

SMARTFAUCETS.NET

## **SmartFaucets New Touchless Faucet**

Revolutionizing Water Conservation,  
Sanitation & Environment

While Generating Carbon Credits



**SMARTFAUCETS.NET**

## **SmartFaucets**

Patented Technology with  
5 Unique features that Outsmarts Most Faucets and  
capture 95% of the Faucets market

Unlike most new innovative technology that solves  
only one problem

**SmartFaucets 5 Unique features  
can now solve many problems**



# AutoFlush – Helps kill Bacteria Legionnaires

**Problem Solved : Prevents Death caused by Legionnaires &  
Avoids Million Dollar \$\$\$\$\$\$ Lawsuits in Legionnaires  
without Scalding Scalding  
meets Healthcode Ashrae 188 + VHA 1061  
for Hospitals, Nursing Homes & Vegas Hotels**

**With worldwide Legionnaires Outbreaks resulting in thousands of  
Deaths every year, Smartfaucets new Autoflush feature may soon be a  
Standard Healthcode for any industry with any potential of non usage  
for several days**

## BENEFITS



### **Automatically Flushes**

Hot water at 140°F for 2 minutes when unused for 72 hours,  
while users can only use up to 110F to avoid scalding.  
This is only made possible due our patented preset temperature



Saves **Labor costs** by eliminating manual flushing



Meets Healthcode Ashrae 188 for All Hospitals & Nursing Homes  
Nationwide plus Nevada hotels





## Lab-Tested Reliability & Durability (IAPMO Certified)

**Problem Solved: Saves Faucets costs and Faucets flooding the Environment**

**Smartfaucets can save property owners as much as \$10000 over most Touchless faucets**

### **BENEFITS**

- ✓ **Lab tested to last 30 years if used for 50 times a day**
- ✓ While Most Touchless faucets is designed to last only **5 years for repeat sales** which costs an average \$500 (AutoFlush Touchless Faucets costs \$800-\$1600)
- Total Savings:** \$500 every 5 years for 30 years (=6 times)  
=\$3000 over 30 years  
= \$6000 with inflation  
= **\$8,000 with labor cost** over 30 years



## Hydroelectric Rechargeable Battery

**Problem Solved : 1. Avoids Downtime due to Battery Failure & Saves Engineers Time cost changing batteries**

**2. Many places with individual sinks like Hotel & Hospital rooms can now use SmartFaucets without regular Battery Failure**

**3. Small Restaurant Chains without inhouse engineers can cost \$300 per trip changing disposeable batteries**

**SmartFaucets Hydroelectric Rechargeable battery means smaller Restaurant chains can now use Touchless faucets**

### Benefit:

- ✓ **Hydroelectric rechargeability** –saves battery costs & engineers time cost .

### Total Savings:

- ✓  $\$40 \text{ (eng cost)} + \$10 \text{ batteries}$   
 $= \$50 \times 2 = \$100 \text{ per year}$   
 $= \$3000 \text{ over 30 years}$   
 $= \textbf{\$6,000}$  with inflation

- ↻ **Environmental Impact:**  
Saving millions of batteries flooding the environment



## Patented 4 Preset TouchTemperature Patent No 7766-026 approved

**Problem Solved : improves Sanitation, Convenience & Water Conservation**

**SmartFaucets helps Avoid Scalding while meeting Healthcode Ashrae 188 for all Hospitals and Nursing homes nationwide**

### Benefit:

**4 Preset Touch temperatures** at 65°F/80°F/95°F/110°F,  
**defaults to 80°F warm**

Sanitation & Convenience & Water Conservation



**Improves sanitation** by eliminating manual  
Temperature adjustments with dirty hands.



**Captures 95% of Most Manual Faucets market  
With various Temperature Control**



Most Touchless faucets can only do single temperature  
Or uses minidial system which is not sanitary  
eg Residential home, Hotel and Hospital rooms

**Hotel names can be Custom labelled for Free Advertising**





## Preset Timer for Water Conservation

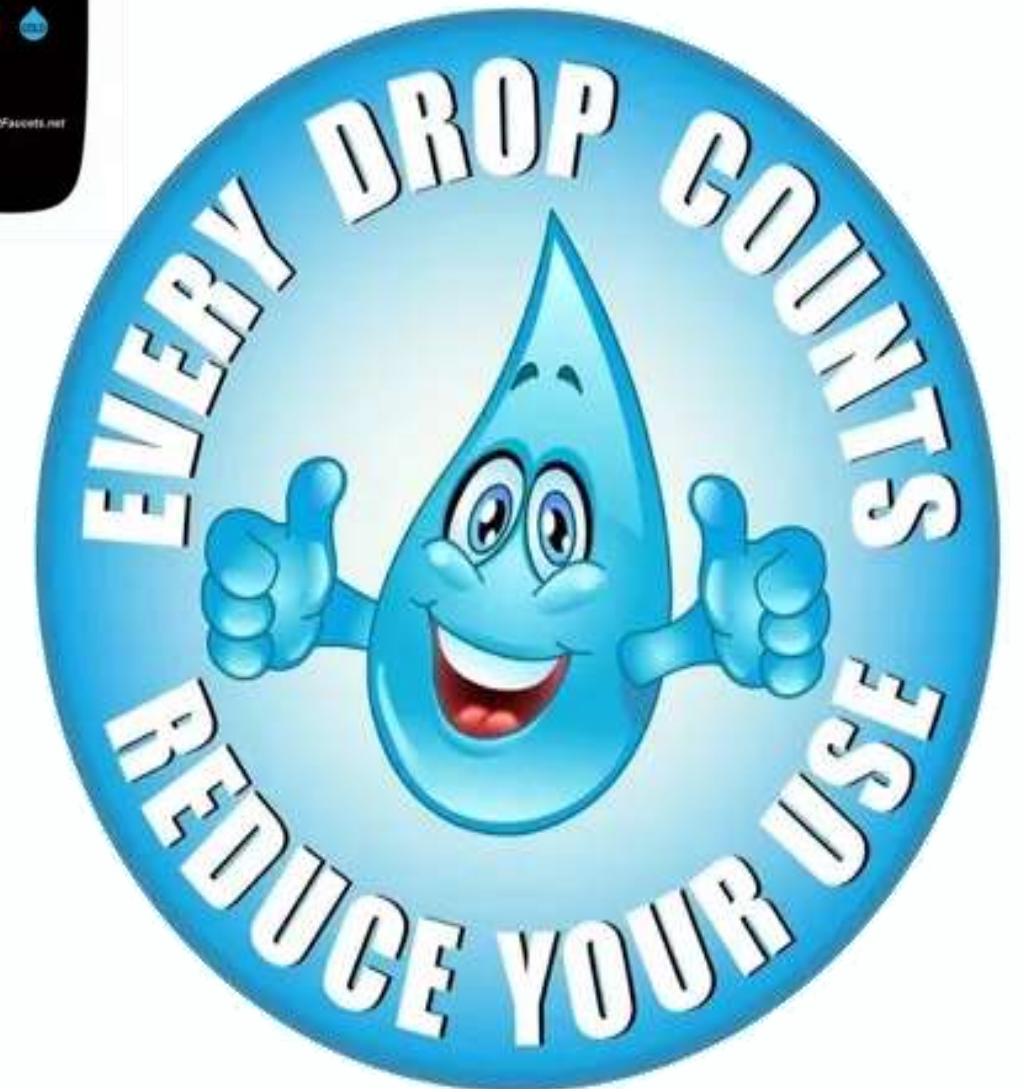
**Problem Solved: Worldwide shortage of Clean Drinking water**  
**Avoids Desalinisation plants and generating Carbon Credits**

**SmartFaucets has been Field tested to Save 45% water, plus**  
**corresponding**  
**Gas, electric, paper towels**  
**plus**  
**Trash & Labor costs for Restaurants**

### Benefit:

- ✓ **Timer defaults to 5 seconds,**  
helping users fill up a cup, so water is cut off while  
Brushing their Teeth, Shaving ,  
Removing Makeup and Contact lenses.  
  
Estimated Savings of \$100 per person per year  
= \$3000 over 30 years
- ✓ **= \$6,000 per person with inflation .**  
**= \$12,000 for 2 persons ( Disneyland average 3 persons )**
- ✓ **Impact: Cost Savings plus Revenue generating on Carbon Credits**
- ✓ **Carbon credits today is \$5 per ton**  
**Expected Price of Carbon Credit to reach \$30-\$50 by 2030**  
**( 500-1000% increase )**

**Hilton Has a Mission Budget to ensure 50% Water Conservation by 2030**



**Pending R & D product for shower and bathtub  
(Made in USA)**

**Touchpad Placed Outside the Shower**



**Avoids the First Splash of Cold Water**

**Smart Touchpad Attaches To Existing Manual Faucet**



**To Replace Your Faucet Handles**



**For your Bathroom Sink, Kitchen Sink, Showers & Bathtub**

**Preset Timer Avoids Bathtub Overflow**



**Mold Issues And High Insurance Costs**



## Funded by the Government thru Pace



**Zero Down**  
Property owners can install SmartFaucets with zero money out of pocket including installation .



**Savings outperform payment:**  
Payment can start on the 2<sup>nd</sup> year



**Federal tax credit First year** : up to \$120 per faucet

**Note :**  
**Pending Funding by NCEF**  
**Nevada Clean Energy Fund which can subsidise**  
**25% product costs**



# Cost Savings + Revenue increase Raises Property Value & Co share value



Assuming a 5% cap ratio, and  
Savings of \$100 per room per year in utilities



Savings for 1000 rooms = \$100,000

**Raises property value by**  
\$2 mm per 1000 room hotel

\$20 mm per 10,000 rooms hotel



**\$200 mm per 100,000 rooms**

**\$2 Billion per 1 mm rooms**





# Total estimated Number of Faucets in USA by Industry

#	Industry	Units	Faucets per Unit	Total Faucets	
1	Residential	150 million	x 7	1 billion	
2	RVs	15 million	x 3	45 million	
3	Public Restrooms	50 million	x 1	50 million	
4	Hotel Rooms	10 million	x 3	30 million	
5	Airbnb	2 million	x 3	6 million	
6	Timeshare	200k	x 5	1 million	
7	Cruise (Rooms)	250k	x 4	1 million	
8	Leisure Boats	1 million	x 5	5 million	
9	Nursing Homes	1.5 million	x 3	5 million	
10	Hospitals + Clinics	2million	x 5	10 million	
11	Restaurants	1 million	x 5	5 million	
12	Universities	200k	x 3	600k	
13	Airplanes	200k	x 10	2 million	
	<b>TOTAL ESTIMATE</b>			<b>1.12 billion</b>	

**Note : All Figures are estimate only**



**Join Us in Making a Difference**  
**THANK YOU**

