

# WATER CONSERVATION

For Commercial And Industrial Facilities



Ever given thought to just how important it is to save water on your facility operations? You might not know this, but water conservation can do a lot to improve your company's bottom line. Essentially, it can help you save money and at the same time enhance the livability of our neighborhoods. But what can you do to save water? Are there certain modifications that can be made to boost conservation?

This post is going to explore a few ways to get things fixed. Let's get started!



## First Things First

Let Your Staff Know the Importance of Using Less Water

For starters, it's crucial to create a workplace culture that emphasizes the importance of water conservation. Doing this will ensure that your employees are conscious of water use.



### How can you make it work?



Utilize non-potable water for industrial process use



Reward staff members who initiate water efficiency procedures and processes

## Cooling Towers

In today's industrial facilities, cooling towers are known to consume significant amounts of water, but the good news is, there are a few ways to improve their efficiency and regulate water use.

- Integrate overflow alarms to cooling towers
- Stop once-through cooling
- Equip each cooling tower with a conductivity controller
- Educate cooling tower operators about water efficiency
- Make use of high-efficiency eliminators



## Industrial Cleaning



Be sure to equip all hoses with automatic shut-off nozzle — this is a great way to control wastage.



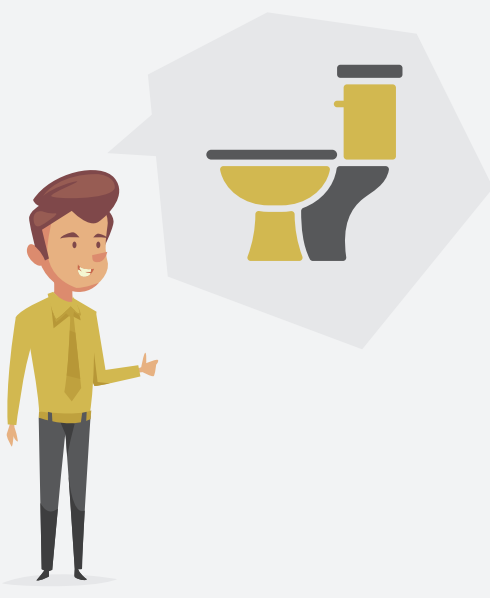
Ask your staff to sweep with water broom instead of using a hose to clean floors or hard surfaces.

Note: It's good to know that water brooms deliver better cleaning results compared to hose and spray nozzles. And of course, they're great at water efficiency.

## Restroom and Showers

In today's industrial and commercial facilities, employees or staff members usually have domestic water uses including sinks for handwashing and toilet flushing. That said, you won't be wrong to retrofit some fixtures to increase water saving.

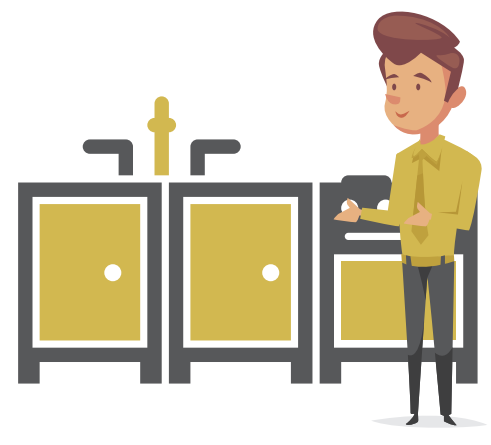
- Ensure that restrooms and showering areas are equipped with water-efficient fixtures. You could make a switch to efficient showerheads, high-efficiency toilets, high-efficiency urinals and the likes.



## Kitchens

It's also great to use efficient technology in kitchen areas; this is especially true for big restaurants. Here are a few ways to reduce water use:

- Ensure that your kitchen staff rinse dishes with an efficient pre-rinse spray valve
- Retrofit the wok with a waterless one
- Don't fail to replace boiler-based food steamers with boilerless technology
- Equip dipper with in-line flow restrictors
- It's also great to switch to new water-efficient dipper well technology



## Landscape

Does your commercial or industrial facility landscapes require regular irrigation? If yes, you won't be wrong to work towards making it efficient — doing this will save a lot of water in the long-run. Here are some things you can do:

- Plant turf grass in areas where people are likely to use it for recreation.
- Use plants that don't require much irrigation to thrive.
- Ensure that your watering hose is equipped with a shut-off nozzle.
- Be sure to add mulch to your soil to prevent water loss through evaporation. Do not water when it's windy.
- Invest in weather-based SMART irrigation controllers.
- Conduct regular inspection to ensure they're in perfect condition.
- Engage the services of a professional to design, install and maintain your irrigation system.



And that's it! These are few ways to improve water conservation in your commercial or industrial facility. Now it's up to you to act and get things fixed.