

# Hand Washing Solutions For Public Restroom Applications

**1**

Hot water  
takes too long or  
never arrives at  
faucet outlet.

**2**

Water spilled  
on deck and floor  
with every use, creating a  
maintenance nightmare  
and an unsafe  
environment.

**3**

High outlet  
temperature leading  
to scalding risk

Dobbin Sales represents global leaders in commercial plumbing products and can offer multiple solutions designed to overcome specification, installation and end use challenges. Now more than ever. Hand hygiene is critical to maintaining public health and avoiding the spread of disease. Additionally, maintenance and installation challenges can add significantly to ongoing costs of operation. We have identified 3 major challenges facing specifiers, installers and facility managers.



Since 1908 Sloan has led the industry with water efficient products designed for busy public spaces.



a Geberit company  
Global leader in commercial  
faucet manufacturing for over 100 years



For over 25 years, Eemax has been the number one supplier of tankless water heater solutions.

# Hand Washing Solutions

## Challenge

Hot water takes too long or never arrives at faucet outlet



## According to the CCOHS:

Ensuring that employees wash their hands properly after using the washroom is very important in reducing disease transmission of stomach "flus" and other gastrointestinal infections. Using soap and lathering up is very important.

Use comfortably warm, running water where possible for comfort.



## Basys by Sloan

- Sensor operated to maximize hygiene
- All serviceable components above deck
- Integral water supply shut off
- Multiple configurations - hard wired, battery, solar, turbine
- Interchangeable crown system for maximum flexibility
- Multiple options for flow rate and feel of water



## Solution

Pair a Sloan sensor operated faucet with an Eemax Lavadvantage instantaneous hot water heater

## Lavadvantage by Eemax

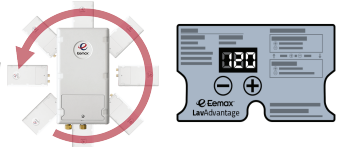
- Electric tankless water heater with industry's lowest
- Flow activation of 0.2 gpm!
- Field adjustable set point
- Mounts below deck in any orientation

Endless supply of hot water available instantaneously!

## Electric Tankless Water Heater - Power Requirements Simplified

Incoming Cold Water Temperature: **40 degrees farenheit**  
Desired Outlet Temperature: **101 degree farenheit**  
Required Temp. Rise: **61 degrees farenheit**  
Faucet Demand: **0.5 GPM**

$kW \text{ required} = \text{temp.rise}/6.83$   
 $\text{Temp. rise} = kW \times 6.83/\text{GPM}$   
 $\text{GPM} = kW \times 6.83/\text{temp. rise}$



Lavadvantage  
Model SPEX48T  
4.8 kW  
20 Amp  
240v





## Challenge

Water is spilled on deck and floor with every use, creating maintenance nightmares and an unsafe environment.

Standard commercial restroom designs have handwashing and hand drying in two separate areas, leading to wet, messy, faucet deck area, floor and potentially overflowing waste receptacles.



## Solution

AERDEC Integrated System by Sloan

## Soap. Rinse. Dry. All three steps without taking any!

Customizable, integrated sink system provides sensor operated soap, faucet and hand dryer all at the point of use. Eliminates water being splashed through an innovative air damn design. Cleaner environment and lower maintenance costs.



- Sink system available in either Corian or Quartz.
- Standard single, double, triple stations
- Completely customizable configurations up to 120 inches.
- Change tables, purse hooks, integrated waste receptacles are just a few of the many custom options available.

For more information please visit [sloan.com/aerdec](http://sloan.com/aerdec) for more details

**SLOAN.**  
Water Connects Us™



## Challenge

High outlet temperature leading to scalding risk.

# 3



## Solution

The Chicago faucet 420T with scald protection built right in!

ASSE 1070 covers devices intended to limit water temperature supplied to lavatories.



In most standard commercial restroom designs, consideration must be made for some type of high temperature limiting device like a below thermostatic mixing valve. This is especially true in environments with vulnerable users like daycares or long term care facilities.



- Quicker Installation and lower installation cost
- Fewer potential leak points
- No chance that an anti scald device will be left out the installation

## Codes & Standards



US

