

### **Presenters**



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Manager – Technical Training
Sloan Valve Company
Franklin Park, IL



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# Agenda

### This webinar is designed to:

- Present the Sloan go-to-market strategy
- Introduce the full line of Sloan automatic touch-free sensor faucets
- Review touch-free faucet designs options, features and benefits

### You will learn:

- How to make the best hygienic selections for commercial restrooms
- How to match the right faucet with your project budget



Dr. Anthony Fauci, Director, National Institute of Allergy and Infectious Diseases washes his hands in the White House using a Sloan EBF85 Automatic Sensor Faucet



# **Product Positioning**

Good Better Best



**SF Family** 

"Sloan Faucet"



**ETF/EBF Family** 

"Electronic Transformer Faucet"

"Electronic Battery Faucet"



**EAF Family** 

"Electronic Above-deck Faucet"



**EFX Family** 

"Electronic Faucet – Generation X" (aka BASYS)



## For your reference.....

### Sloan Webinar Series

- Replacing Manual Faucets with Automatic Touch-free **Sensor Faucets**
- Converting Manual Flushometers to Touch-free Sensor Operation
- Focusing on Touch-free Hygiene in K-12 and Higher **Education Facilities**
- Sloan Sinks Designing with Hygiene, Quality and Customization
- Commercial Restroom Recommendations for Return-to-Work & Facility Start-Up

#### Sloan Webinar Series

Training is important. Our webinar series will keep you in the know.

UPCOMING WEBINARS PAST WEBINARS



#### Thursday, 05/21/2020

#### Royal vs. Sloan vs. Regal Flushometers

Features and benefits of Sloan's three primary flushometer models.

Learn More



#### Thursday, 05/14/2020

#### Focusing on Touch-free Hygiene in K-12 and Higher **Education Facilities**

How touch-free hygiene works for education

Learn More



#### Thursday, 05/07/2020

#### **Battery Truths & Myths**

Learn how to evaluate battery-powered fixtures.

Learn More



#### Thursday, 04/23/2020

#### Piston vs Diaphragm Flushometers

Learn the differences and benefits of piston and dianhranm

Learn More



#### Thursday, 04/16/2020

#### Sloan Sinks - Designing with Hygiene, Quality and Customization

Review best practices of hygienic sink design.

Learn More



#### Thursday, 04/09/2020

#### **Upgrading Manual** Flushometers to Touch-free Sensor Operation

How touch-free can make for a more hygienic

Learn More



# **Options for Key Component Access**



### **Above Deck Access**

- Service without having to work under the sink deck
- Spouts are larger and wider



### **Below Deck Access**

- Spouts are thinner and sleeker controls can be mounted behind chases or in ceilings
- Service work is under the sink deck



# **Options for Touch-Free Sensing Types**



Infrared Sensor

- Senses the reflection of infrared light when a valid "target" is within range
- Range can be adjusted



Capacitance (Proximity) Sensor

- Senses the electrical field surrounding a valid "target" when within range
- Range can be adjusted
- Cannot be used on metal sinks (including enamel coated cast iron) or near large metal objects



# Options for Flow Rates and Spray Types

### Flow Rates

- 0.35 gpm / 1.3 Lpm
- 0.5 gpm / 1.9 Lpm
- 1.0 gpm / 3.8 Lpm
- 1.5 gpm / 5.7 Lpm
- 2.2 gpm / 8.3 Lpm



Multi-Laminar



Laminar



Aerated

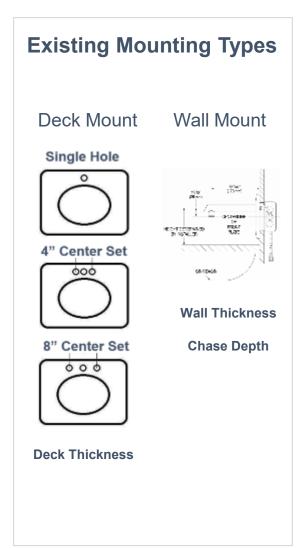


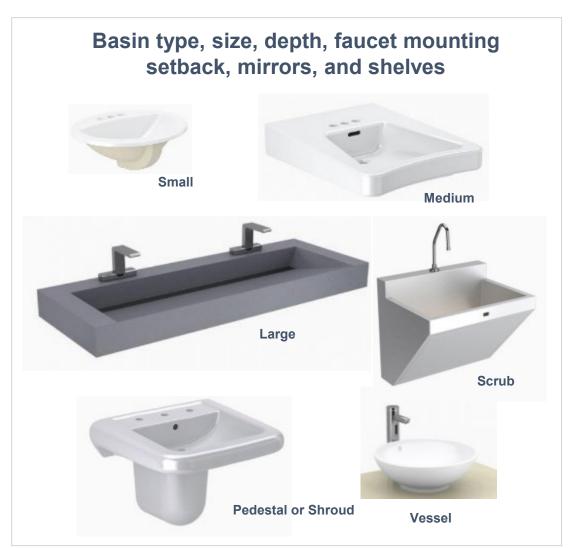
**Shower Head** 

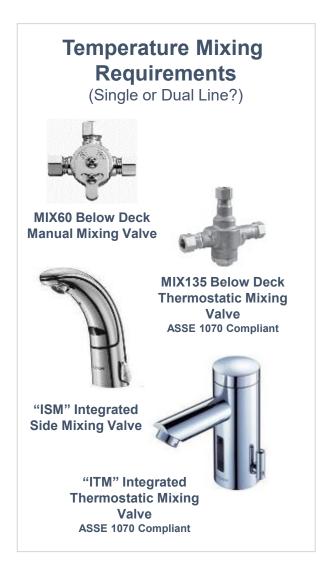


### What to Know before Selecting the Right Sensor Faucet

Site-specific details that will impact your choices









# What to Know before Selecting the Right Sensor Faucet

Site-specific details that will impact your choices

Existing/Desired Power Supply and Location



Battery



Hardwired -Adapter Plug with Battery Back-Up



Hardwired -Wall Transformer with Battery Back-Up



Solar Energy Harvesting with Battery Back-Up



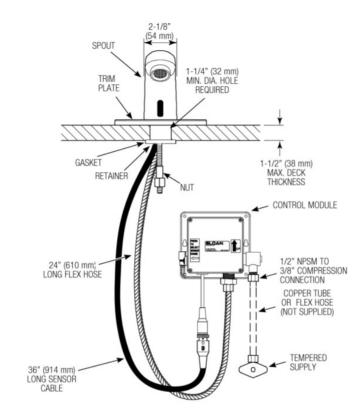
Turbine Energy Harvesting with Battery Back-Up





# **SF Family**

- Four spout styles
- 6 VDC battery or hardwired
  - Includes four (4) aa-size batteries
  - Hardwire with battery backup
  - SFP-35-A gang adapter available
- Adjustable sensor range settings
- Below deck module
- Filtered solenoid valve with serviceable strainer filter
- 1 year warranty

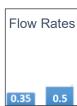






**SINGLE** HOLE





Trim Plate Options

4in.

Included

Finish Options



Polished Chrome

**Temperature Mixing Options** 







SF-2100 General Spec Sheet SF-2150 General Spec Sheet



SF-2100 SF-2150

**Hardwired with Battery Back-up** 



SINGLE HOLE





Trim Plate Options

4in.

Included

Finish Options



Polished Chrome

**Temperature Mixing Options** 







SF-2200 General Spec Sheet SF-2250 General Spec Sheet



SF-2200 SF-2250

Hardwired with Battery Back-up



4" CENTER SET





Trim Plate Options

NA

Finish Options



**Polished Chrome** 

**Temperature Mixing Options** 







SF-2300 General Spec Sheet SF-2350 General Spec Sheet



SF-2300 SF-2350

**Hardwired with Battery Back-up** 



**SINGLE** HOLE



Flow Rates 0.35 0.5

Trim Plate Options

4in.

Included

Finish Options



**Polished Chrome** 

**Temperature Mixing Options** 







SF-2400 General Spec Sheet SF-2450 General Spec Sheet



SF-2400 SF-2450

**Hardwired with Battery Back-up** 



# **SF Summary**

- A great general purpose faucet
- Not a lot of "bells and whistles"
- Ideal for TI's (tenant improvements) and retrofits
- Perfect "stocking" faucet
- Matches (and exceeds) the sensor product offering of lesser brands

**Combining Economy with Quality** 

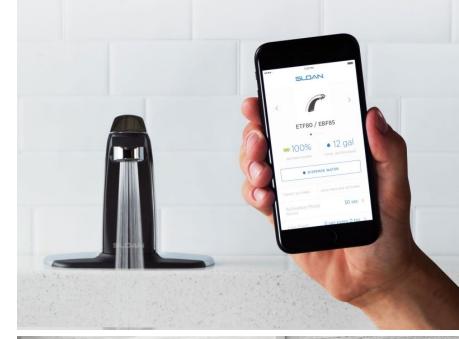






# **EBF/ETF Family**

- Most frequently specified
- Largest installed base
  - First ETF models released late 1980's
- Upgraded in 2018
  - Wireless connectivity
  - Quick-connect fittings
  - Ease of installation and maintenance
  - Merged EBF and ETF platforms
- Accepts 24VAC or 6VDC power
- 3-year warranty







# Optima Faucet Features

### Designed for fast installation and easier maintenance

 The Optima<sup>®</sup> Control Box eliminates extraneous mounting plates and hardware to make installation quick and easy

### **Additional Options**

- Turbine with battery back-up
- 24VAC plug adapter, power harness assembly or box mount power supply
- Multi-unit gang adapter kit
- 110V or 230V/6VDC plug adapter
- Manual or thermostatic mixing valve

### One box with every option.

At first glance you'll see that new technology means fewer cords and fewer hoses. The same control unit can be powered by batteries, wall adapter or an optional hybrid energy turbine.

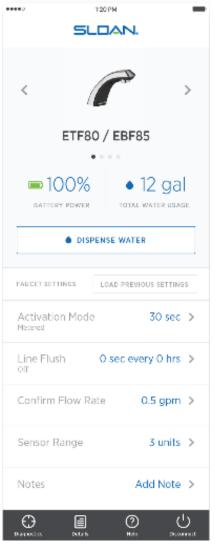




## SloanConnect App

- Adjust settings wirelessly (no deck disassembly or below-deck work)
- Select On-Demand or Metered activation
- Set faucet timeouts
- Activate Line Flush to clear supply lines or drains
- Measure and report water usage
- Check battery strength
- Identify your faucet and access technical data
- Generate and share diagnostic reports with Sloan
- Save notes about site or faucet

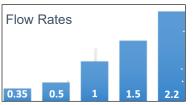


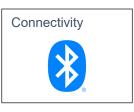




SINGLE HOLE







Trim Plate Options

4in. 8in.

Included

Finish Options



**Polished Chrome** 

Temperature Mixing Options







ETF-80 General Spec Sheet EBF-85 General Spec Sheet



EBF-85
Battery

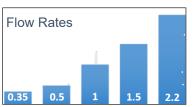
SLOAN





**SINGLE** HOLE







Trim Plate Options

4in. 8in.

Included

Finish Options



**Polished Chrome** 

**Temperature Mixing Options** 







ETF-880 General Spec Sheet EBF-187 General Spec Sheet



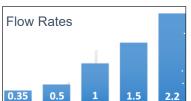
ETF-880 EBF-187

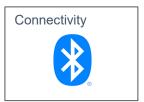
**Hardwired with Battery Back-up** 



WALL **MOUNT** 







Trim Plate Options

NA

Finish Options



**Polished Chrome** 

**Temperature Mixing Options** 







ETF-500 General Spec Sheet EBF-550 General Spec Sheet







ETF-500 EBF-550

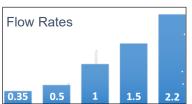
**Hardwired with Battery Back-up** 



Mounting Type

4" CENTER
SET







Trim Plate Options

NA

Polished Chrome Polished Brass Brushed Stainless
Brushed Nickel Graphite



ETF-600 General Spec Sheet EBF-650 General Spec Sheet

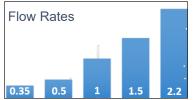


SLOAN



SINGLE HOLE







Trim Plate Options

4in. 8in.

Included

Finish Options



**Polished Chrome** 











ETF-610 General Spec Sheet EBF-615 General Spec Sheet



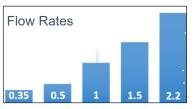
**Battery** 

SLOAN



4" CENTER SET







Trim Plate Options

4in. 8in.

Included

Finish Options

**Polished Chrome** 











ETF-660 General Spec Sheet EBF-665 General Spec Sheet



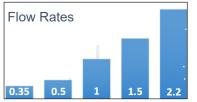
ETF-660 EBF-665

**Hardwired with Battery Back-up** 



**SINGLE** HOLE







Trim Plate Options

4in. 8in.

Included

Finish Options

**Polished Chrome** 

**Temperature Mixing Options** 









ETF-700 General Spec Sheet EBF-750 General Spec Sheet



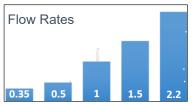
**Hardwired with Battery Back-up** 

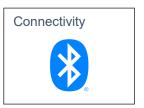
ETF-700 EBF-750



4" CENTER **SET** 







Trim Plate Options

4in. 8in.

Included

Finish Options

Polished Chrome

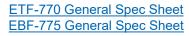
**Temperature Mixing Options** 













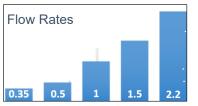
**Hardwired with Battery Back-up** 

ETF-770 EBF-775



WALL **MOUNT** 







Trim Plate Options

NA

Finish Options



Polished Chrome

**Temperature Mixing Options** 







ETF-800 General Spec Sheet EBF-850 General Spec Sheet



ETF-800 EBF-850

**Hardwired with Battery Back-up** 



# EBF/ETF Summary

- The original Sloan Optima Faucet
- Has evolved over the past 30 years to meet the changes and challenges of the market
- ETF-660 taught people how to use sensor faucets
- Many great applications for these models
- Most widespread basis of design
- New BT platform
  - Sloan entry to the world of IoT
- Available with optional turbine power harvesting
- 3-year warranty

A reliable work horse!







# **EAF Family**

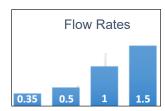
- European styling
- Easy above-deck access
- Flexible power supply options
- Illumination feature
  - EAF-225 w/ light ring
- IQ click feature
- Programmable line flush
- ISM "Integrated Side Mixer" option
- 3-year warranty





SINGLE HOLE





Trim Plate Options

4in. 8in.

Optional

Finish Options



Polished Chrome

Temperature Mixing Options









EAF-100 General Spec Sheet EAF-150 General Spec Sheet



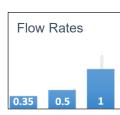
**EAF-100 EAF-150** 

Hardwired with Battery Back-up



Mounting Type
SINGLE





Trim Plate Options

HOLE

4in. 8in.

Optional





EAF-200 General Spec Sheet EAF-250 General Spec Sheet



**EAF-200 EAF-250** 

Battery

Hardwired with Battery Back-up



SINGLE HOLE





Flow Rates



0.35 0.5

Trim Plate Options

4in. 8in.

Optional

Finish Options



Polished Chrome

Temperature Mixing Options









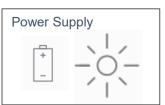
EAF-225 General Spec Sheet

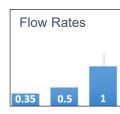


**EAF-225 Hardwired** 



Mounting Type
SINGLE



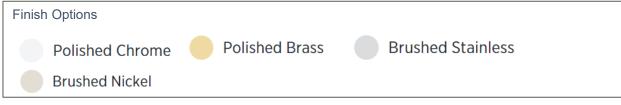


Trim Plate Options

HOLE

4in. 8in.

Optional





EAF-275 General Spec Sheet



EAF-275
Solar with
Battery Back-up









Trim Plate Options

HOLE

4in. 8in.

Optional





EAF-350 General Spec Sheet

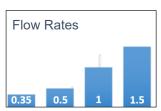


EAF-350
Battery



SINGLE HOLE





Trim Plate Options

4in. 8in.

Optional

Finish Options

Polished Chrome

**Temperature Mixing Options** 









EAF-700 General Spec Sheet EAF-750 General Spec Sheet



**EAF-700 EAF-750** 

Hardwired with Battery Back-up

**Battery** 



# **EAF Faucet Summary**

- Above-deck installation & service
- "European" styling
- ISM mix feature
  - Great for offices/medical
- Lithium batteries for size
- PVD special finishes
- Solar power harvesting
  - EAF-275 one of Sloan's most popular faucets
  - Solar no moving parts

**Elegant and Hard Working** 







## **EFX Family (aka BASYS)**





# **EFX (BASYS) Family**

- Sleek modern design
- Easy above-deck access
- Flexible power supply options
- Interchangeable components for on-site upgrades
- Twist-off/shut-off solenoid
- ISM "Integrated Side Mixer"
- Programmable line flush
- CDC-compliant countdown model
- 3-year warranty





## Interchangeable Parts for Maximum Flexibility





A Sloan BASYS Faucet can be converted from a standard version into a CDC compliant Countdown version on-site in less than 60 seconds.



## Faucet "Crown" Options



A clean, bowed crown is the standard for all models, providing an uninterrupted appearance.

Solar panels embedded in the crown draw power from artificial and natural light sources.



Both solar panels and LCD display are embedded into a single crown.



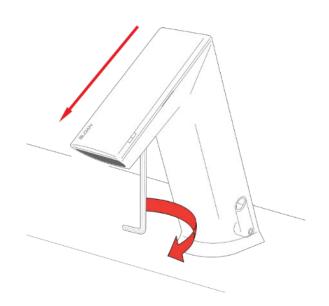
- Water temperature
- Compliant scrub time
- Ability to count down

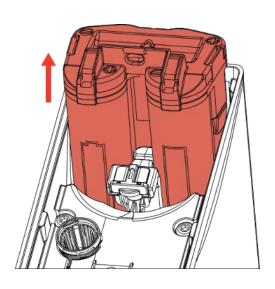
Modify in under 60 seconds!

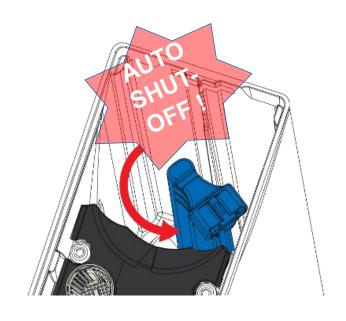
Note: LCD readout has been color enhanced for demonstration purposes. Actual readout color is black on grey.



### Service is Exceptionally Easy







A 2.5 mm Hex Key (included) is the only tool required.

The self-contained battery pack lifts out. Uses 4 common, inexpensive, off-the-shelf, AA alkaline batteries.

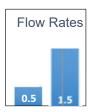
Rotating the solenoid turns off the water! No need to access control stops below deck!

All major components are accessible from "above the deck"



SINGLE HOLE





**Trim Plate Options** 

4in. 8in.

Optional

Finish Options





EFX-100 General Spec Sheet EFX-150 General Spec Sheet EFX-175 General Spec Sheet EFX-177 General Spec Sheet EFX-180 General Spec Sheet

**EFX-100** 

Hardwired with Battery Back-up

**EFX-150** 

**Battery** 

**EFX-175** 

Solar with Battery Back-up

**EFX-177** 

Solar with
Battery Back-up
and CDC Countdown

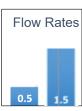
**EFX-180** 





SINGLE HOLE





**Trim Plate Options** 

4in. 8in.

Optional





EFX-200 General Spec Sheet EFX-250 General Spec Sheet EFX-275 General Spec Sheet EFX-277 General Spec Sheet EFX-280 General Spec Sheet

**EFX-200** 

Hardwired with Battery Back-up

**EFX-250** 

**Battery** 

**EFX-275** 

Solar with Battery Back-up

**EFX-277** 

Solar with
Battery Back-up
and CDC Countdown

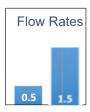
**EFX-280** 





SINGLE HOLE





**Trim Plate Options** 

4in. 8in.

Optional

Finish Options











EFX-300 General Spec Sheet EFX-350 General Spec Sheet EFX-375 General Spec Sheet EFX-377 General Spec Sheet EFX-380 General Spec Sheet

**EFX-300** 

Hardwired with Battery Back-up

**EFX-350** 

**Battery** 

**EFX-375** 

Solar with Battery Back-up

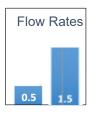
**EFX-377** 

Solar with Battery Back-up and CDC Countdown **EFX-380** 



4" CENTER SET





Trim Plate Options

NA

Finish Options

Polished Chrome



EFX-600 General Spec Sheet EFX-650 General Spec Sheet EFX-675 General Spec Sheet EFX-677 General Spec Sheet EFX-680 General Spec Sheet

**EFX-600** 

Hardwired with Battery Back-up

**EFX-650** 

**Battery** 

**EFX-675** 

Solar with Battery Back-up

**EFX-677** 

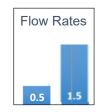
Solar with Battery Back-up and CDC Countdown **EFX-680** 





Mounting Type WALL





Trim Plate Options

**MOUNT** 

NA





EFX-800 General Spec Sheet EFX-850 General Spec Sheet



**EFX-800 EFX-850** 

**Hardwired with Battery Back-up**  **Battery** 



### **EFX BASYS Faucet Summary**

- Above-deck installation & servicing
- Faucet crown "pop the hood"
- 4 AA alkaline batteries
- ISM mix feature
- Power harvesting options
  - Solar
  - Turbine
- Special finishes
- Customized crowns



Perfect combination of form & function



### **Finish Options**

CP Chrome Plated

PVDBN PVD Brushed Nickel

PVDSF PVD Brushed Stainless

PVDPB PVD Polished Brass

PVDGR PVD Graphite





## **Engravings**



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Courtesy of the Chicago Cubs. Cubs logo not available for retail sale unless approved by Major League Baseball.



### **Gooseneck Models**







ETF-500/EBF-550



ETF-700/EBF-750



ETF-770/EBF-775



EAF-700/EAF-750



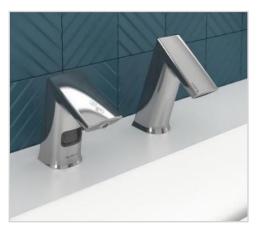
EFX-100/EFX-150/ EFX-175/EFX-177/ EFX-180





# Sink Components for Hygiene – Soap Dispensers

- Faucet-matching soap dispenser pairings
- Soap system options
  - Open systems top fill (pour)
  - Closed systems new bottle
- CDC, WHO, and Health Canada have issued guidelines against refillable, bulk soap dispensers









### **Certifications & Regulatory**

#### COMPLIANCES & CERTIFICATIONS

















































- cUPC Listed
- cUPC Low Low Lead Listed
- CEC Compliant
- CalGreen Compliant
- ADA Compliant
- Satisfies LEED Credits

 Note: WaterSense does not apply to public lavatory faucets



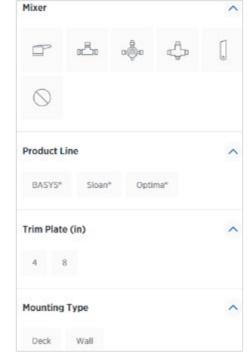


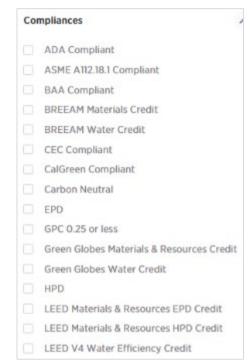
### **Sloan Faucet Finder**

 Browse automatic sensor faucets by style, features, options, or certifications with the <u>Sloan Faucet Finder</u>. Find your faucet, and easily drill down to individual spec sheets.











## Find your local Sloan representative for more information

#### Sloan Rep Locator tool

- Local code knowledge
- Familiarity with existing sites
- Product knowledge
- Available for onsite consultation

#### **Sloan Customer Care Center**

Phone: 800.982.5839

Hours: 7:00 AM - 5:00 PM (CST) Monday – Friday

customer.service@sloan.com

#### **Sloan Technical Support**

P: 888.756.2614 F: 800.737.3061

techsupport@sloan.com







### **Summary**

- Widest Selection
  - For every application
  - For every budget
  - For every designers vision
- Proven Experience
  - Founded 1906
  - Invented sensor faucets in 1974
- Reliable and Easy to Maintain
  - Commercial Durability
  - Readily available parts
- Cutting edge technology
  - To save you time and money
  - To make your work easier
  - To improve public health







## **Upcoming Sloan Training Webinars**



June 11th

Introduction to Sloan Touch-Free Soap Dispensers



June 18th

Sloan Sensor 101 Installation, Start-Up, Function and Troubleshooting



June 25<sup>th</sup>

Commercial Restroom Products and ADA Compliance



### **Upcoming Sloan Training Webinars**



July 2<sup>nd</sup>

Flushometer Care and Maintenance Part 1 – Manual Diaphragm Units



July 9<sup>th</sup>

Power Supply Options and Installation Recommendations for Sloan Sensor Faucets



July 16<sup>th</sup>

Sustainability and Sloan Commercial Restroom Products



# Training Comments, Questions, or Suggestions?

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Web: sloan.com

