**Sloan Collection: Halsted Street Collection**

**Product Selection: ST2009-STG water closet with G2 8111 sensor flushometer, SU7009-STG urinal with G2 8186 sensor flushometer, DSG sink system with EBF 85 sensor faucet, ESD 800 soap dispenser and EHD 501 hand dryer**

**Web Details and Design Assets:** <https://www.sloan.com/design/inspiration/collections/halsted-street>

**Product Collection Inquiry: PH: 1.800.982.5839 –** Customer.Service@Sloan.com

**SECTION 224213.13 - COMMERCIAL WATER CLOSETS**

**FLOOR-MOUNTED, BOTTOM-OUTLET, TOP SPUD WATER CLOSETS**

A. Water Closets <**Insert drawing designation**>: Floor mounted, bottom outlet, top spud.

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company**: ST-2009-STG** with SloanTec hydrophobic Glaze and 1000g Map score. Buy American Act (BAA) Compliant.

 Product: Sloan ST 2009-STG [(Specification)](https://www.sloan.com/spec-sheet/2172009)

 Standard: ASME A112.19.2/CSA B45.1

 Material: Vitreous China

 Bowl: Standard

 Type: Siphon Jet

 Style: Flushometer Valve

 Rim Height: 15”

 Rim Contour: Elongated

 Water Consumption: 1.1 - 1.6 gpf (4.2 - 6.0 Lpf)

 Spud Size and Location: IPS 1 1/2", Top inlet

 Color: White

 Bowl to Drain Connection: [ASTM A 1045] or [ASME A112.4.3.]

 Flushometer Valve:G2 8111 **<Insert Flushometer valve designation>.**

 Toilet Seat: Toilet Seat: <Insert Toilet seat designation>.

**FLUSHOMETER VALVES**

A. Battery-Powered, Solenoid-Actuator, Diaphragm Flushometer Valves **<Insert designation>**:

Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **G2 8111** sensor activated flushometer with low battery indicator, PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass, Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection and Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi- Red Brass. Valve shall be Made in the USA.

 Product: G2 8111 [(Specification)](https://www.sloan.com/general-spec/2856)

 Standard: ASSE 1037

 Minimum Pressure Rating: 15 PSI (103 kPa)

 Features: Dual filter bypass diaphragm with PERMEX® rubber components

 Material: Semi Red Brass Body with Corrosion Resistant Components

 Finish: Chrome Plated

 Style: Exposed Flushometer

 Actuator: Solenoid complying with UL 1951, and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

 Operation: Operates using battery power up to 6 years with low battery indicator light

 Trip Mechanism: Battery powered electronic sensor complying with UL 1951, and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

 Consumption: 1.28 gal. (4.8 L) per flush, 1.6 gal. (6 L) per flush.

 Minimum Inlet: NPS 1 (DN 25).

 Minimum Outlet: NPS 1-1/2 (DN 40).

**SECTION 224213.13 - COMMERCIAL URINAL**

A. Urinal <**Insert drawing designation**>: Wall hung, Back outlet, top spud, washdown.

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **SU7009-STG** Washdown Urinal with SloanTec hydrophobic Glaze.

 Products: SU7009-STG [(Specification)](https://www.sloan.com/spec-sheet/1177009)

 Standard: ASME A112.19.2/CSA B45.1

 Material: Vitreous China

Type: Washdown

Strainer or Trapway: [Manufacturer's standard strainer] <insert strainer> with integral Trap.

Water Consumption: 0.125 – 1.0 gpf (0.5 – 3.8 Lpf)

Spud Size and Location: NPS 3/4 inch (DN 20) [Top]

Waste Fitting: NPS 2 inch (DN 50) [Back]

Color: White

 Flushometer Valve: G2 8186 **<Insert urinal flushometer-valve designation>**

 Support: [Type I Urinal Carrier] with fixture support plates and coupling with seal and fixture bolts and hardware matching fixture. [ Include rectangular, steel uprights.] <Insert carrier>.

 Urinal Mounting Height: [Standard] [Child] [Handicapped/elderly according to ICC A117.1].

**URINAL FLUSHOMETER VALVES**

A. Battery-Powered, Solenoid-Actuator, Diaphragm Flushometer Valves **<Insert designation>**:

Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company**: G2 8186** sensor activated flushometer with low battery indicator, PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass, Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection and Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi- Red Brass. Valve shall be Made in the USA.

 Product: G2 8186 [(Specification)](https://www.sloan.com/general-spec/2156)

 Standard: ASSE 1037

 Minimum Pressure Rating: 15 PSI (103 kPa)

 Features: Dual filtered Diaphragm, Chloramine resistant rubber components

 Material: Semi-Red brass body with corrosion resistant components

 Finish: Chrome Plated

 Style: Exposed Flushometer

Actuator: 6 VDC actuator complying with UL and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application

Operation: Operates using battery power up to 6 years with low battery indicator light

Trip Mechanism: Battery powered electronic sensor complying with UL 1951, and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

 Consumption: 0.125 gpf (0.5 L), .25 gpf (0.9 L), .5 gpf (1.9 L), 1.0 gpf (3.8 L), 1.5 gpf (5.7 L)

 Minimum Inlet: 3/4" (DN 20)

 Minimum Outlet: 3/4" (DN 20)

**SECTION 224216.13 - COMMERCIAL LAVATORIES**

**SOLID SURFACE LAVATORY SYSTEMS**

A. Lavatory system **<Insert Drawing Designation>**: Solid surface side by side hand wash stations.

Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: Sloan Designer Series Sink model no. **DSG 8X000** Gradient Style Sink. Product to be fabricated out of Corian or Quartz. Sloan sensor activated faucet and foam soap dispenser. Sink design to be ADA compliant and IAPMO certified. Supplied with angle brackets or enclosure.

Product: DSG 8X000 ([Specification)](https://www.sloan.com/commercial-bathroom-products/sinks/designer-series#!gradient)

Standard: Meets or exceeds ASME A112.18.1/CSA B125.1, ANSI A117.1, IGC156, CSA B45.5/IAPMO Z124, NSF 371, UL499

Electrical Components: Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

Bowl & Counter:

 Standard: ICPA SS-1 for solid-surface bowls.

Height to Rim: [**34 inches (864 mm)**] <**Insert dimension**> above floor. Standard [34" 864 mm] ADA [ 33", 838 mm ] Child [29-7/8", 759 mm ] [according to ICC.A117.1]

 Color or Finish: **<Corian Glacier White>**

 Corian: <https://www.na.corian.com/>

Material: Corian Solid Surface

Overall Dimensions: 1 station [30” by 23.5” by 22” inches], 2 station [60” by 23.5” by 22” inches], 3 station [90” by 23.5” by 22” inches], 4 station [120” by 23.5” by 22” inches], **<Insert Custom dimensions>.**

 Access Panel: enclosure with access panel in Wilsonart Neo Walnut Laminate

Mounting: Wall hung. Carrier not required when using mounting brackets or mounting frame.

Number of Stations: [**One**] [**Two**] [**Three**] [**Four**]. For Sink Systems greater than four (4) stations consult Sloan.

 Drain: Grid with NPS 1-1/2 (DN 40) tailpiece, each bowl.

Drain Finishes: Chrome Plated

Faucet: EBF 85 <**Insert lavatory-faucet designation>**

**AUTOMATICALLY OPERATED SINK FAUCETS**

**BATTERY POWERED MID HEIGHT SINK FAUCETS**

A. Sink faucet <Insert Designation> Automatic type, sensor activated, battery powered. mid height

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **EBF 85** with adjustment of settings wirelessly via Apple or Android smartphones. Faucet shall include cast brass body, quick-connect fittings, twist-off/shut-off solenoid assembly and removable battery cartridge. Self-cleaning aerator. Must meet NSF/ANSI/CAN 61: Q < 1. Annex G “Drinking Water System Components Health Effects,” for faucet materials that will be in contact with potable water.

 Product: EBF 85 [(Specification)](https://www.sloan.com/general-spec/506)

 Standard: ASME A112.18.1, UPC Certified, UPC Low Lead Compliant

 Electrical Components: Devices, and accessories: Listed and labeled as defined in NEPA 70, by a qualified testing agency, and marked for intended location and application.

 General: Include hot and cold indicators: coordinate faucet inlets with supplies and fixture hole punching’s: coordinate outlet with spout and fixture receptor.

 Body Type: [Single Hole], [4" Center set], [8" Center set]

 Body Material: [Commercial], [General Duty], Chrome plated Cast Brass constructed metal.

 Finish: Chrome Plated

 Maximum Flow Rate: [0.35 gpm, 1.3 Lpm], [0.5 gpm, 1.9 Lpm], 1.5 gpm, 5.7 Lpm], [2.2 gpm, 8.3 Lpm]

 Mounting Type: Deck

 Spout: Rigid Type

 Spout Outlet: [Multi-Laminar], [Laminar], [Aerated]

 Drain: [Not part of faucet] **<Insert Type>**

**PUBLIC-USE WASHROOM ACCESSORIES – SOAP DISPENSERS**

 A. Automatic Foam Soap Dispenser **<Insert Drawing Designation>**

Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **ESD-800** Battery Powered Deck Mount Foam Soap Dispenser. Includes sealed above deck electronics with modular one-piece construction.

Product: ESD 800 [(specification)](https://www.sloan.com/spec-sheet/3346097)

Description: Zinc Die Cast spout, automatic dispenser with infrared sensor to detect presence of hands, Battery powered with optional plug-in adapter (ESD 324) designed for dispensing antibacterial foam soap in liquid form. Fully sealed electronics with clog free soap activation.

Mounting: Deck mounted

Capacity: 1,500 ML (Comes with 2 - 1,500 ML bottles)

Finish: Chrome Plated

Refill Indicator: No

Low battery indicator: No

 **PUBLIC-USE WASHROOM ACCESSORIES – WARM AIR DRYERS**

 A. High Speed Warm Air Dryers **<Insert Drawing Designation>**

Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **EHD 501** Wall - Surface warm air dryer with 8 second dry time. Provides adjustable speed and heat with 35 second lock out time when hands are not removed.

Product: EHD 501 [(specification)](https://www.sloan.com/commercial-bathroom-products/hand-dryers/sloan-xlerator/ehd-501)

Description: High speed warm air, sensor activated hand dryer.

Mounting: surface mounted

Operation: Electronic sensor activated with timed power cut off switch.

 1. Dry time: 8 seconds

Cover Material: Die cast metal.

Cover Finish: Chrome Plated

Electrical Requirements: [110/120 V, 11.3 – 12.2 A]