**Sloan Collection: Lake Street Collection**

**Product Selection: ST2459-STG water closet with Royal 111 flushometer, SU1009-STG urinal with Royal 186 flushometer, ELRF Sink system with SF2150 sensor faucets, ESD 2100 soap dispensers and EHD 501 hand dryer**

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

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

**SECTION 224213.13 - COMMERCIAL WATER CLOSETS**

**WALL-MOUNTED WATER CLOSETS**

A. Water Closets <**Insert drawing designation**>: Wall mounted, top spud [**accessible**].

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **ST-2459-STG** with SloanTec hydrophobic Glaze and 1000g Map score. Buy American Act (BAA) Compliant.

 Product: ST 2459-STG [(Specification)](https://www.sloan.com/spec-sheet/2172459)

 Standard: ASME A112.19.2/CSA B45.1

 Material: Vitreous China

 Bowl: Standard

 Type: Siphon Jet

 Style: Flushometer Valve

 Rim Height: 13 ¼” to 17” ADA

 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: <Insert Flushometer valve designation>.

 Toilet Seat: <Insert Toilet seat designation>

**FLUSHOMETER VALVES**

A. Lever-Handle, Diaphragm Flushometer Valves <**Insert designation**>:

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **Royal 111** Water Closet Flushometer. Valve shall be Made in the USA, Rubber components must be chloramine resistant PERMEX® rubber with dual filter diaphragm assembly. Valve body shall be in compliance with ASTM Alloy Classification for Semi-Red Brass. Free spinning vandal resistant stop cap with back check control stop.

 Product: Royal 111 [(Specification)](https://www.sloan.com/general-spec/1016)

 Standard: ASSE 1037

 Minimum Pressure Rating: 15 PSI (103 kPa)

 Features: Vandal resistant stop cap, dual filter diaphragm, triple seal handle

 Material: Semi-red brass, PERMEX® Rubber Components

 Finish: Chrome plated

 Style: Exposed

 Consumption: 1.1 gal (4.2 L), 1.28 gal. (4.8 L), 1.6 gal. (6 L)

 Minimum Inlet: NPS 1 (DN 25).

 Minimum Outlet: NPS 1-1/2 (DN 40).

**SECTION 224213.13 - COMMERCIAL URINALS**

**WALL HUNG URINALS**

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: **SU1009-STG** Vitreous China Washdown Urinal with SloanTec hydrophobic Glaze.

 Product: SU1009-STG [(Specification)](https://www.sloan.com/spec-sheet/1171009)

 Standard: ASME A112.19.2/CSA B45.0

 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: <Insert urinal flushometer-valve designation from "Urinal Flushometer Valves" Article>.

 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. Lever-Handle, Diaphragm Flushometer Valves <**Insert designation**>:

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **Royal 186** Urinal Flushometer. Rubber components must be chloramine resistant PERMEX® rubber with dual filter diaphragm assembly. Valve body shall be in compliance with ASTM Alloy Classification for Semi-Red Brass. Free spinning vandal resistant stop cap with back check control stop. Valve shall be Made in the USA.

Product: Royal 186 [(Specification)](https://www.sloan.com/general-spec/816)

 Standard: ASSE 1037

 Minimum Pressure Rating: 15 PSI (103 kPa)

 Features: ADA complaint, non-hold open handle, Chloramine resistant PERMEX® rubber components.

 Material: Semi-Red brass body with corrosion resistant components

 Finish: Polished Chrome Plated

 Style: Exposed Flushometer

 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: SloanStone Series Sink model no. **ELRF 8X000** Gradient Style Sink. Product to be molded using SloanStone solid surface. Supplied with either angle brackets or enclosure. Includes choice of Sloan sensor activated faucet(s). Sloan sensor activated foam soap dispenser(s). Sink design to be ADA compliant and IAPMO certified. Supplied with angle brackets or enclosure.

Product: ELRF 8X000 ([Specification)](https://www.sloan.com/commercial-bathroom-products/sinks/sloanstone#!round-front)

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: cUPC,

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: **<White>**

 Sloanstone: <https://www.sloan.com/spec-sheet/1521538>

 Material: Sloan Stone Solid Surface

Overall Dimensions: 1 station [30” by 24” by 5” inches], 2 station [60” by 24” by 5” inches], 3 station [90” by 24” by 5” inches], 4 station [120” by 22” by 5” inches], **<Insert Custom dimensions>.**

 Access Panel: Enclosure with Wilsonart Natural Rift Laminate

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

 Number of Stations: [**One**] [**Two**] [**Three**] [**Four**].

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

Drain Finishes: Chrome Plated

Faucet: SF2150 <**Insert lavatory-faucet designation>**

**AUTOMATICALLY OPERATED SINK FAUCETS**

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

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **SF 2150** with serviceable solenoid filter and timeout setting feature. 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: SF 2150 [(Specification)](https://www.sloan.com/general-spec/436)

 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]

 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]

 Mounting Type: Deck

 Spout: Rigid Type

 Spout Outlet: [Multi-Laminar]

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

**SECTION 102800 - TOILET BATH AND LAUNDRY ACCESSORIES**

**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-2100** Battery Powered Deck Mount Foam Soap Dispenser. Includes sealed above deck electronics with modular one-piece construction.

Product: ESD 2100 [(specification)](https://www.sloan.com/spec-sheet/3346098)

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]