**Sloan Collection: Hubbard Street Collection**

**Product Selection: ST2469-STG water closet with CX 8154 sensor flushometer, HYB1000 waterfree urinal, AER DEC AD 8 Series sink system with EFX250 sensor faucet, ESD 500 soap dispenser, EHD 510 hand dyer**

**Collection Details and Design Assets:** <https://www.sloan.com/design/inspiration/collections/hubbard-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, rear spud [**accessible**].

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **ST-2469-STG** with SloanTec hydrophobic Glaze and 1000g Map score. Buy American Act (BAA) Compliant.

 Product: ST 2469-STG [(Specification)](https://www.sloan.com/spec-sheet/2172469)

 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", rear 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. Solenoid-Actuator, Piston Flushometer Valves <**Insert designation**>:

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **CX 8154** Sensor Activated in Wall Flushometer for Water Closet with access plate measuring smaller than 10" x 10" and shall have an integrated control stop. Valve body shall be in compliance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be Made in the USA.

 Product: CX 8154 [(Specification)](https://www.sloan.com/general-spec/5921)

 Standard: ASSE 1037

 Minimum Pressure Rating: 15 PSI (103 kPa)

 Features: Front access panel measuring 8 1/2" (W) x 9 1/4" (H) piston style flushometer

 Material: Semi Red Brass Body with Corrosion Resistant Components

 Finish: PVD Graphite

 Style: Concealed Flushometer

 Actuator: 6 VDC Solenoid 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 5 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: 1.1 gal. (4.2L), 1.28 gal. (4.8 L), 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 URINALS**

**WALL HUNG URINALS**

A. Urinals <**Insert drawing designation**>: Wall hung, back outlet, Hybrid Urinal designed for liquid trap-seal operation. With Jet Rinse Technology.

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **HYB 1000-STG** with automatic drain line rinsing system, replaceable locking cartridge and SloanTec hydrophobic Glaze.

 Product: HYB 1000-STG [(Specification)](https://www.sloan.com/spec-sheet/1001020)

 Standard: ASME A112.19.19 2016

 Material: Vitreous China

Type: Waterfree

Strainer or Trapway: Trap-Sealing Liquid: Proprietary.

Water Consumption: 0.0 (waterless)

Spud Size and Location: Not applicable

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

Color: White

 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>.

**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: AER-DEC Integrated Sink System model no. **AD 8X000**. Product to be fabricated out of Corian or Quartz. Supplied with Sloan deck mounted hand dryer EHD-510, Sloan EFX Series sensor activated faucet and Sloan ESD-400 sensor activated foam soap dispenser or ESD-500. Sink designed with integrated air dam preventing overspray and wet floors. Sink design to be ADA compliant with hidden yet accessible drain. Supplied with enclosure.

**Product: AD 8X000** [(Specification)](https://www.sloan.com/resources/product-resources/sloan-sink-configurator)

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 Blue Pebble**

 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: Hidden yet accessible with NPS 1-1/2 (DN 40) tailpiece.

Drain Finishes: PVD Graphite

 Pedestal: [Not required]

Faucet: EFX 250 Basys Faucet

 **Faucet Selection: BASYS Series for AD 8X000**

 Product: EFX 250 [(Specification)](https://www.sloan.com/general-spec/561)

 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 Die-Cast constructed metal.

 Finish: PVD Graphite

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

 Mounting Type: Deck

 Spout: Rigid Type

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

 Drain: Included with AD8X000 sink system

**Hand Dryer Selection: BASYS Series for AD 8X000**

 Product: EHD 510 [(Specification)](https://www.sloan.com/spec-sheet/15121161)

Mounting: Deck

 Operation: Electronic-sensor activated with operation time of 10 - 20 seconds.

Finish: PVD Graphite

Compliance: ANSI 117.1, UPC, IPC, NPC Canada, California Green Building Code, City of Los Angeles Water Efficiency Ordinance.

Electrical Requirements: [115 V, 13 A, 1500 W] [115 V, 15 A, 1725 W] [115 V, 20 A, 2300 W] [208-240 V, 9-10 A, 1900-2300 W] **<Insert electrical requirements>.**

**Soap Dispenser Selection: BASYS Series for AD 8X000**

Product: ESD 500 [(specification)](https://www.sloan.com/commercial-bathroom-products/soap-dispensers/sloan/esd-500)

Description: Nickel metal die cast body, automatic dispenser with infrared sensor to detect presence of hands, battery powered with optional plug-in adapter (ESD 324). Fully sealed electronics with clog free soap activation.

 Mounting: Deck mounted

 Capacity: 1,500 ML (1 Bottle)

Finish: PVD Graphite

 Refill Indicator: No

 Low battery indicator: No

 Sensor Requirements: ASME A112.18.1/CSA B125.1 and UL 1951.