DSG-81000/82000/83000/84000
Sloan Sink System Designer Series
Single/Double/Triple/Quadruple Station Designer Series Solid Surface Lavatory Systems

**IMPORTANT**

- Read this entire installation manual to ensure proper installation. When finished with the installation, file this manual with the owner or maintenance department. Compliance and conformity to local codes and ordinances is the responsibility of the installers.

- Installer’s hardware must be appropriate for wall construction. Wall anchors must have a minimum pull-out rating of 1,000 lbs.

- For standard height mounting, do not exceed the recommended 34” distance from the top of the lav deck to the finished floor. To meet ADA requirements, the lav deck cannot exceed the 34” maximum height dimension.

PRIOR TO INSTALLATION

**Important:**
- Adequate structural support in or behind the wall is required. Refer to the appropriate rough-in diagram for dry weight of sink. Refer to pages 10 and 11 for sink and stud support requirements.

- All plumbing should be installed in accordance with applicable codes and regulations.

- Before connecting flex hoses to supply stops, flush all water lines until water is clear.

- Hot and cold water supply lines/tempered supply line & drain lines.

- 3/8” x 2 1/2” lag screws, wall anchors, bolts (minimum pull-out rating of 1000 lbs./450 kg). See Frame Mounting Support drawing for required lag screws for your specific lavatory system.

- 1/2” NPT hot/cold or tempered supply piping

- 1 1/2” NPT drain piping

- Adhesive: Loctite® PL Premium® FAST GRAB Polyurethane Construction Adhesive

- 110 volt GFCI protected electrical outlet for 100-120 VAC plug-in transformer

- Screen filter(s) included with faucet(s)

- Backing supplied by others to meet local codes

SUPPLIES REQUIRED FOR INSTALLATION OF SINKS

- Electrical units prior to installation. Electrical power MUST remain off until installation is complete.

- Installer’s hardware must be appropriate for wall construction. Wall anchors must have a minimum pull-out rating of 1,000 lbs.

- For standard height mounting, do not exceed the recommended 34” distance from the top of the lav deck to the finished floor. To meet ADA requirements, the lav deck cannot exceed the 34” maximum height dimension.

LIMITED WARRANTY

Unless otherwise noted, Sloan Valve Company warrants its Products to be made of first class materials, free from defects of material or workmanship under normal use and to perform the service for which they are intended in a thoroughly reliable and efficient manner when properly installed and serviced, for a period of three years (1 year for SF Faucets, special finishes and PWT electronics and 30 days on PWT software) from date of purchase. During this period, Sloan Valve Company will, at its option, repair or replace any part or parts which prove to be thus defective if returned to Sloan Valve Company, at customer’s cost, and this shall be the sole remedy available under this warranty. No claims will be allowed for labor, transportation or other incidental costs. This warranty extends only to persons or organizations who purchase Sloan Valve Company’s products directly from Sloan Valve Company for purpose of resale. This warranty does not cover the life of the batteries.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IN NO EVENT IS SLOAN VALVE COMPANY RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY MEASURE WHATSOEVER.
LAVATORY SYSTEM ROUGH-IN DIMENSIONS SINGLE STATION

TOP VIEW

FRONT VIEW

DECK
Approximate Weights:
Corian 30 Lbs. Stone 100 Lbs.
For color options contact our Sloan Representative.

SECTION

2"x6" Stud
1/2" or 5/8" Drywall

2"x10" wood reinforcement for anchoring frame support.

Water Supply line

Backed supplied by others to meet local codes

DRAIN ASSEMBLY AND FRAME MOUNTING SUPPORT SINGLE STATION

DRAIN ASSEMBLY

Standard rough-in for mounting frame shown

FRAME MOUNTING SUPPORT

2"x10" Wood Reinforcement in between studs (See page 10 for steel stud installation requirements)

Steel/Wood Stud 2"x4" or 2"x6"
(See page 10 for steel stud installation requirements)

Drywall

Backed supplied by others to meet local codes

Frame

Eleven (11)
3/8" x 1 1/2" Lag Screws

32 1/2"

33"

28"

10"

35"

28 1/2"

28 1/2"
MOUNTING FAUCETS / ATTACHING DECK TO FRAME SINGLE STATION

MOUNTING FAUCETS
For ease of installation, leave the deck laying on its back. Install faucets and optional soap dispensers according to manufacturers instructions.

SINGLE FRAME SUPPORT
1. Back edge of Deck may require scribing to finished wall.
2. Shim all gaps between frame and deck, especially under trough area.

COMPONENTS SINGLE STATION

Deck
Optional Frame Support
Optional Enclosure
Optional Sensor Operated Faucets and Soap Dispensers
Basys (EFX Series) Solis (EAF-275) Gooseneck (EAF-700) Optima (EAF-100) Optima (ETF-80) Optima Soap Dispenser (ESD-200/250) Foam Soap Dispenser (SJS-1750)

Grid Strainer Assembly DS-57
Rubber Gasket Slip Washer Flange Nut
Sloan Optional Water Temperature Mixing Valves Mix-60-A Mix-135-A
Optional Single Bracing Supports Shims
Optional Side Brace

For ease of installation, leave the deck laying on its back. Install faucets and optional soap dispensers according to manufacturers instructions.
LAVATORY SYSTEM ROUGH-IN DIMENSIONS DOUBLE STATION

DRAIN ASSEMBLY AND FRAME MOUNTING SUPPORT DOUBLE STATION

DECK
Approximate Weights:
Corian 60 Lbs. Stone 175 Lbs
For color options contact our
Sloan Representative

FRAME MOUNTING SUPPORT
Drywall
2"x6" Stud
1/2" or 5/8" Drywall
Backed supplied by others
to meet local codes
2"x10" wood
reinforcement for anchoring
frame support.

DRAIN ASSEMBLY
1/2" Hot/cold
Supply
1 1/2" Drain
for shared
waste option
1 1/2" Drain
for shared
waste option
Individual basin
waste option
Standard rough-in for
mounting frame shown

Individual basin
waste option
110 Volt, Hz,
15 Amp, GFCI
Protected Electrical
Outlet (By Others)

Individual basin
waste option

Steel/Wood Stud 2"x4" or 2"x6"
(See page 10 for steel stud
installation requirements)
2"x10" wood
Reinforcement in between
studs (See page 10 for
steel stud
installation requirements)

Drywall
Backed supplied by others
to meet local codes

Sink System
Frame Support

Twenty-One (21)
3/8" x 1 1/2"
Lag Screws

Frame Support

Lavatory System Rough-In Dimensions Double Station

Sink System

Lag Screws

Backing supplied by others
to meet local codes
MOUNTING FAUCETS / ATTACHING DECK TO FRAME DOUBLE STATION

For ease of installation, leave the deck laying on its back. Install faucets and optional soap dispensers according to manufacturers instructions.

SINGLE FRAME SUPPORT
1. Back edge of Deck may require scribing to finished wall.
2. Shim all gaps between frame and deck, especially under trough area.

INDIVIDUAL BRACING SUPPORT
Use adhesive on single bracing supports to attach to deck.

COMPONENTS DOUBLE STATION

Deck
Optional Frame Support
Optional Enclosure
Optional Sensor Operated Faucets and Soap Dispensers

Basys (EFX Series) Solis (EAF-275) Gooseneck (EAF-700) Optima (EAF-100) Optima (ETF-80) Optima Soap Dispenser (ESD-200/250) Foam Soap Dispenser (SJS-1750)

Grid Strainer Assembly DS-57
Optional Not Provided Chrome or Plastic P-Trap
Rubber Gasket Slip Washer Flange Nut

Mix-60-A Mix-135-A

Side Brace Middle Brace

Shims
LAVATORY SYSTEM ROUGH-IN DIMENSIONS TRIPLE STATION

DRAIN ASSEMBLY AND FRAME MOUNTING SUPPORT TRIPLE STATION

DECK
Approximate Weights:
Corian 90 Lbs. Stone 250 Lbs
For color options contact our Sloan Representative.

TOP VIEW

FRONT VIEW

SECTION

DRAIN ASSEMBLY

FRAME MOUNTING SUPPORT

Steel/Wood Stud
2"x4" or 2"x6"
(See page 10 for steel stud installation requirements)

2"x10" Wood
Reinforcement in between studs
(See page 10 for steel stud installation requirements)

2"x6" Stud
1/2" or 5/8" Drywall
Backing supplied by others to meet local codes

2"x10" wood reinforcement for anchoring frame support.

Water Supply line

Individual basin waste option
Standard rough-in for mounting frame shown

1 1/2" Drain for shared waste option or individual basin waste option

1/2" Hot/cold Supply

110 Volt, Hz, 15 Amp, GFCI Protected Electrical Outlet (By Others)

Individual basin waste option

Drywall

Back ing supplied by others to meet local codes

Sink System Frame Support

Twenty-Four (24) 3/8" x 1 1/2" Lag Screws

Approximate Weights:
Corian 90 Lbs. Stone 250 Lbs
For color options contact our Sloan Representative.
MOUNTING FAUCETS / ATTACHING DECK TO FRAME TRIPLE STATION

MOUNTING FAUCETS
For ease of installation, leave the deck laying on its back. Install faucets and optional soap dispensers according to manufacturers instructions.

SINGLE FRAME SUPPORT
1. Back edge of Deck may require scribing to finished wall.
2. Shim all gaps between frame and deck, especially under trough area.

COMPONENTS TRIPLE STATION

Deck
Optional Frame Support
Optional Enclosure
Optional Sensor Operated Faucets and Soap Dispensers
Basys (EFX Series) Solis (EAF-275) Gooseneck (EAF-700) Optima (EAF-100) Optima (ETF-80) Optima Soap Dispenser (ESD-200/250)
Foam Soap Dispenser (SJS-1750)

Grid Strainer Assembly DS-57
Rubber Gasket Slip Washer Flange Nut

Sloan Optional Water Temperature Mixing Valves
Mix-60-A Mix-135-A

Optional Single Bracing Supports
Side Brace Middle Brace

Shims
LAVATORY SYSTEM ROUGH-IN DIMENSIONS FOUR STATION

DECK
Approximate Weights:
Corian 120 Lbs. Stone 325 Lbs
For color options contact our Sloan Representative.

DRAIN ASSEMBLY AND FRAME MOUNTING SUPPORT FOUR STATION

DRAIN ASSEMBLY

FRAME MOUNTING SUPPORT

Steel/Wood Stud
2"x4" or 2"x6"
(See page 10 for steel stud installation requirements)

2"x10" Wood Reinforcement
in between studs
(See page 10 for steel stud installation requirements)

Drywall

Backing supplied by others to meet local codes

Sink System Frame Support

Thirty-One (31)
3/8" x 1 1/2"
Lag Screws

1/2" Hot/cold Supply

110 Volt, Hz, 15 Amp, GFCI Protected Electrical Outlet (By Others)

Individual basin waste option

1 1/2" Drain for shared waste option or Individual basin waste option

1 1/2" Drain for shared waste option or Individual basin waste option

Individual basin waste option

Standard rough-in for mounting frame shown

118 1/2"

25" 21"

23" 21"

26"
MOUNTING FAUCETS
For ease of installation, leave the deck laying on its back. Install faucets and optional soap dispensers according to manufacturers instructions.

INDIVIDUAL BRACING SUPPORT
Use adhesive on single bracing supports to attach to deck.

SINGLE FRAME SUPPORT
1. Back edge of Deck may require scribing to finished wall.
2. Shim all gaps between frame and deck, especially under trough area.

COMPONENTS FOUR STATION
Deck
Optional Frame Support
Optional Sensor Operated Faucets and Soap Dispensers

Basys (EFX Series)
Solis (EAF-275)
Gooseneck (EAF-700)
Optima (EAF-100)
Optima (ETF-80)
Optima Soap Dispenser (ESD-200/250)
Foam Soap Dispenser (SJS-1750)

Grid Strainer Assembly DS-57
Rubber Gasket Slip Washer Flange Nut

Sloan Optional Water Temperature Mixing Valves
Mix-60-A
Mix-135-A
Optional Single Bracing Supports
Side Brace
Middle Brace

Shims
### Corian Sink Design Requirements:

- **Max. sink deck depth = 24"**
- **Max. sink dead weight (including stone and fixture = 10 psf**
- **Max. concentrated live load at edge of sink = 500lbs.**

Provide anchor spacing noted within product drawings

#### Cold Formed Steel Framing for DSWD Series Corian Sinks

<table>
<thead>
<tr>
<th>Wall/Stud Height</th>
<th>Depth</th>
<th>Flange</th>
<th>Min. Gauge</th>
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#### Wood Framing for DSWD Series Corian Sinks

<table>
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<tr>
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<th>Stud</th>
<th>Studs Req. @16” o.c.</th>
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Note 1: Where multiple studs are listed, bunch multiple studs and space multiple studs @16” o.c. across width of sink.
CLEANING AND MAINTENANCE

Material Description: Corian Material is made from a blend of acrylic modified bio-based polyester resin. Engineered Stone is 90% natural quartz and polyester resin and is resistant to chemicals, stains, burns and impact. Surface damage can be easily repaired with everyday cleansers or fine grit abrasives.

Routine Cleaning: For regular cleaning, use standard commercial or household products such as Simple Green®, Creamy Cleanser brand, Formula 409® or Windex®.

Stubborn Stains: Remove tough stains, with non-abrasive cleaners and pads such as a white Scotch Brite® pad and Lysol®. Special Situations for Corian and Engineered Stone

Hard Water Deposits: Remove hard water deposits with a mild solution of vinegar and water. Always rinse the unit thoroughly after cleaning.

Restoring the surface: Refresh and restore the rich surface with one of the following:

Geo Series: Color enhancer such as Tenax® Ager

Pearl Series: Impregnating sealer such as DryTreat Stain-Proof Original™ or Miracle Sealants 511 Impregnator Do not use strong acid or alkaline chemicals and cleansers to clean Engineered Stone. If these chemicals come in contact with the surface, wipe them off immediately and rinse with soapy water. Avoid contact with harsh chemicals such as paint remover, bleach, acetone, etc. Avoid contact with hot pans and objects.

Repair Kits: Corian repair kits are available. Contact your Sloan Stone Sink Systems representative or distributor for part numbers and pricing. Repair kits are made to order and have a shelf life of 30 days. Engineered Stone shades of color can vary from product to product.

BRAND NAMES

Use of brand names is intended only to indicate a type of cleaner. This does not constitute an endorsement, nor does the omission of any brand name cleaner imply inadequacy. Many products named are regional in distribution, and can be found in local supermarkets, department and hardware stores, or through your cleaning service. It is emphasized that all products should be used in strict accordance with package instructions.

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