

## WATER CLOSETS

### Wall Hung Water Closets

#### ST-2000 WALL HUNG SERIES

Item No.	Code No.	Part No.	Description
1.	<b>2102059</b>	ST-2059-A	Top Spud 1.1 to 1.6 gpf (4.2 to 6.0 Lpf) Universal Wall Hung Closet - <b>Discontinued</b>
2.	<b>2102060</b>	ST-2060-A	HET Rear Spud 1.28 gpf (4.8 Lpf) Wall Hung Closet - <b>Discontinued</b>
	<b>2102063</b>	ST-2063-A	Rear Spud 1.6 gpf (6.0 Lpf) Wall Hung Closet
	<b>2112059</b>	ST-2059-A-BPL	Top Spud 1.1 to 1.6 gpf (4.2 Lpf to 6.0 Lpf) Bedpan Lug Universal Wall Hung Closet - <b>Discontinued</b>
3.	<b>2102459</b>	ST-2459	Top Spud 1.1 to 1.6 gpf (4.2 to 6.0 Lpf) Universal Wall Hung Closet
	<b>2112459</b>	ST-2459-BPL	Top Spud 1.1 to 1.6 gpf (4.2 Lpf to 6.0 Lpf) Bedpan Lug Universal Wall Hung Closet
4.	<b>2102469</b>	ST-2469	Rear Spud 1.1 to 1.6 gpf (4.2 to 6.0 Lpf) Universal Wall Hung Closet



### Floor Mount Closets

#### ST-2000 FLOOR MOUNT SERIES

Item No.	Code No.	Part No.	Description
1.	<b>2102009</b>	ST-2009	Top Spud 1.1 to 1.6 gpf (4.2 to 6.0 Lpf)
	<b>2102029</b>	ST-2029	Top Spud 1.6/1.1 gpf (4.2 to 6.0 Lpf) ADA
	<b>2112029</b>	ST-2029BPL	Top Spud 1.6/1.1 gpf (4.2 to 6.0 Lpf) ADA Bedpan Lug Universal Floor Mount Closet
	<b>2102449</b>	ST-2449	Top Spud 1.1 to 1.6 gpf (4.2 to 6.0 Lpf) Universal Floor Mount TAS Closet
2.	<b>2102019</b>	ST-2019	Rear Spud 1.6 gpf (6.0 Lpf) Universal Floor Mount Closet
	<b>2102039</b>	ST-2039	Mount Closet Rear Spud 1.1/1.6 gpf (4.2 to 6.0 Lpf) ADA Universal
3.	<b>2102229</b>	ST-2229	Top Spud 1.1 to 1.6 gpf (4.2 to 6.0 Lpf) ADA Universal Floor Mount Rear Outlet Closet
4.	<b>2102309</b>	ST-2309	Top Spud 1.1 to 1.6 gpf (4.2 to 6.0 Lpf) Universal Junior Toilet
	<b>0319127</b>	ST-27-A	Spud Assembly 1 1/2" - All Closets (not shown)
5.	<b>2112539</b>	ST-2539-LR	Rear Spud 1.28 to 1.6 gpf (4.8 to 6.0 Lpf) Universal Floor Mount Rear Outlet Closet



Discontinued



Discontinued



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## Wall Hung & Floor Mount Water Closets

### TROUBLESHOOTING GUIDE

- 1. Water does not shut off in bowl.**
  - A. Malfunctioning flushometer.  
Contact Sloan Technical Support at 1-888-SLOAN-14 (1-888-756-2614).
  - B. Supply pressure too low. Minimum flowing pressure must be 25 PSI.  
Adjust supply pressure.
- 2. Water is leaking from toilet.**
  - A. Toilet is not properly mounted. Tighten toilet mount nuts.
  - B. Toilet is not properly mounted. Replace gasket seal.
- 3. Toilet emits odor.**
  - A. Plugged vent line. Remove or clear obstruction in vent line.
- 4. Poor or sluggish flush.**
  - A. Supply pressure too low. Water supply must be able to provide 18 gpm at 25 psi.
  - B. Partially clogged trapway and/or drain pipe and/or vent. Remove or clear obstruction in vent line.
- 5. Incomplete evacuation.**
  - A. Improper Flushometer control stop setting. Close control stop and gradually open until full evacuation is achieved.

### IMPORTANT INFORMATION

1. Do not use harsh or caustic chemicals such as drain opening types in this system. These products will damage the vitreous finish.
2. Do not permit foreign objects (i.e., paper towels, paper cups, sanitary napkins, etc.) to be flushed through the toilet.
3. The toilet must be regularly cleaned. See CARE AND CLEANING for details.

### CARE AND CLEANING

Sloan's toilets should be cleaned regularly for maximum sanitary and operational performance. As with any plumbing product consistency is important to achieve efficiency and general cleanliness. Before you begin to clean a toilet, gather all the needed materials including personal protection equipment, such as gloves and eyewear.

#### What You'll Need:

Goggles/safety glasses  
Toilet Brush  
Gloves  
Cleanser for inside the bowl  
Cleanser for outside the bowl  
Paper towels or cloth

#### Inside Toilet Bowl:

Add your choice of powder, liquid or gel cleanser to the bowl\*. Try to apply the cleaner as close to the toilet rim as possible to prevent diluted cleanser. Begin cleaning the bowl from the top down. Always begin scrubbing under the rim first. Look under the rim to get all the stains and grime scrubbed away. Next scrub the bowl. Finally scrub the drain at the bottom of the bowl. Flush the toilet.

#### Outside Toilet:

Using a disinfectant/detergent cleaner, mixed either in a spray bottle or in a bucket (according to label instructions), spray or wipe down all the hard surfaces outside of the bowl paying close attention to high touch areas like the toilet seat and flushometer. **NOTE: DO NOT use abrasive or chemical cleaners (including chlorine) to clean flushometers that may dull the luster and attack the chrome or special decorative finishes. Use ONLY mild soap and water, then wipe dry with a clean towel or cloth. If cleaning the fixture with an abrasive or chemical cleaner protect the flushometer from any splattering of cleaner. Acids and cleaning fluids will discolor or remove the finish.** The toilet seat should never be neglected. It is the part of the toilet that comes into actual contact with people, and it needs to be cleaned thoroughly. Raise the seat. Spray the seat, inside lid (if applicable) and the rim of the toilet with cleanser. Wipe down the lid, seat and hinges at the back of the toilet seat.

#### Wipe Up Spills:

Wipe up any spills that may have splashed or occurred during cleaning.

#### Service Tip:

Checking for water leaks around toilet fixtures can be difficult to locate the source. Place paper towels around suspected area. It is best to start at the top of the fixture since gravity will cause the water leak to run downward.

**When assistance is required, please contact Sloan Technical Support at: 1-888-SLOAN-14 (1-888-756-2614).**

\*Consult your local janitorial supply to advise best cleansers to use for local water types. Always use cleaners according to their instructions.

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**Pressure-assisted Toilets**


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**WETS-8000 Series**

Model Description	GPF	Handle	Rough-in	Standard Glaze	Sloan TecGlaze
ST-8016 Pressure Assist Tank Assembly	1.0	Left Hand	12"	2108016	-
ST-8010 Pressure Assist Tank Assembly	1.28	Left Hand	12"	2108010	-
ST-8013 Pressure Assist Tank Assembly	1.6	Left Hand	12"	2108013	-
ST-8116 Pressure Assist Tank Assembly	1.0	Right Hand	12"	2108116	-
ST-8110 Pressure Assist Tank Assembly	1.28	Right Hand	12"	2108110	-
ST-8113 Pressure Assist Tank Assembly	1.6	Right Hand	12"	2108113	-
ST-8009 Standard Height PA Bowl	1.0 to 1.6	-	10" or 12"	2108009	2178009
ST-8029 ADA Height PA Bowl	1.0 to 1.6		10" or 12"	2108029	2178029

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## Pressure-assisted Toilets

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### TROUBLESHOOTING GUIDE

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#### 1. Poor Flush.

- A. Check the overall height of the lever in comparison to the frame, and adjust if required.
- B. Make sure water supply valve is fully open.
- C. Flush the supply line to clear any debris and clean inlet screen.
- D. Check bowl (main jet, rim holes and trapway), drain line, and vent for blockage.
- E. Check water pressure supply, operating range is 20-80 PSI (503 Series), 25-80 PSI (504 Series).

#### 2. Pressure vessel takes a long time to fill.

- A. Make sure water supply valve is fully open.
- B. Flush the supply line to clear any debris and clean inlet screen.
- C. Check water pressure supply, operating range is 20-80 PSI (503 Series), 25-80 PSI (504 Series).

#### 3. Noisy pressure vessel water refill.

- A. Flush the supply line to clear any debris and clean inlet screen.
- B. Flush the toilet and hold the handle down for 30 to 40 seconds to flush the system.

#### 4. Water continues to flow through the vessel and will not refill.

- A. Check the overall height of the lever in comparison to the frame, the cable connection to the frame and lever, and adjust if required.
- B. Make sure water supply valve is fully open.
- C. Flush the supply line to clear any debris and clean inlet screen.
- D. Check cartridge and adjust if required.

#### 5. Handle does not activate flush.

- A. Check the cable cassette connection to handle the cable connection to the frame and lever, and adjust if required.
- B. Make sure water supply valve is fully open.
- C. Flush the supply line to clear any debris and clean inlet screen.

#### 6. If the water rises in bowl during the flush and stays there, or drains slowly.

- A. Check bowl (main jet, rim holes and trapway), drain line, and vent for blockage.

#### 7. Leaking tanks.

- A. Check the tank-to-bowl gasket to ensure it is aligned properly and tighten the tank bolts.
- B. Check tank for cracks. If cracked the tank must be replaced.
- C. Check tank bolts. Rubber washers may be corroded or bolts may be loose. Replace or tighten as necessary.

**NOTE: be careful not to overtighten nuts on tank as this may result in cracking the tank.**

**NOTE: It is normal to have some residual water (less than 1") inside the tank.**

**The vessel is equipped with a drain valve to drain off excess water.**

#### Cleaning & Maintenance

Clean water closet at least once per week with a cleaner safe for vitreous china.

Spray and wipe clean using soft cloth.

Soft abrasive cleaners may be used to remove stains. If you live in a hard water area, you should make certain that the holes under the rim are kept clean and free of mineral build up for proper bowl performance. Use a long-handled brush to clean the rim holes.

Make sure to periodically clean the in-line filter located in the water inlet of the water supply valve.

**CAUTION:** Do not use any in-tank cleaners or deodorizers. Products containing chlorine (calcium hypochlorite) can seriously damage the Flushmate as well as the fittings in your tank. This damage can cause leakage and property damage. For more complete up-to date information please visit us at [www.sloan.com](http://www.sloan.com).

If further assistance is required, if you should still have trouble contact Sloan Technical Support at: 1-888- SLOAN-14 (1-888-756-2614)

## Gravity Toilets



### WETS-4000 Series

Model Description	GPF	Handle	Rough-in	Standard Glaze	Sloan TecGlaze
ST-4010 Gravity Tank Assembly	1.28	Left Hand	12"	2104010	21740092
ST-4011 Gravity Tank Assembly	1.1	Left Hand	12"	2104011	21740093
ST-4013 Gravity Tank Assembly	1.6	Left Hand	12"	2104013	21740094
ST-4110 Gravity Tank Assembly	1.28	Right Hand	12"	2104110	21740095
ST-4111 Gravity Tank Assembly	1.1	Right Hand	12"	2104111	21740096
ST-4113 Gravity Tank Assembly	1.6	Right Hand	12"	2104113	21740097
ST-4210 Gravity Tank Assembly	1.28	Left Hand	10"	2104210	21740098
ST-4211 Gravity Tank Assembly	1.1	Left Hand	10"	2104211	21740099
ST-4213 Gravity Tank Assembly	1.6	Left Hand	10"	2104213	21740100
ST-4310 Gravity Tank Assembly	1.28	Right Hand	10"	2104310	21740101
ST-4311 Gravity Tank Assembly	1.1	Right Hand	10"	2104311	21740102
ST-4313 Gravity Tank Assembly	1.6	Right Hand	10"	2104313	21740103
ST-4009 Standard Height Gravity Bowl	1.1 to 1.6	.	10" or 12"	2104009	2174009
ST-4029 ADA Height Gravity Bowl	1.1 to 1.7	.	10" or 12"	2104029	21740091

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## Gravity Toilets

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### TROUBLESHOOTING GUIDE

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#### 1. Poor Flush.

- A. Confirm tank is refilling to the water level marked on the refill tube. Adjust as needed following instructions in Step # 5.
- B. Check bowl (main jet, rim holes and trapway), drain line, and vent for blockage.

#### 2. Tank takes a long time to fill.

- A. Make sure water supply valve is fully open.
- B. Flush the supply line to clear any debris.
- C. Check water pressure supply, operating range is 5-80 psi

#### 3. Water continues to run on and will not shut off.

- A. Remove tank lid and confirm the flapper chain is not kinked and has adequate slack to allow flapper to fully seal.
- B. Inspect the rubber seal on the flapper and the top edge of the flush valve to ensure they are clean and free from mineral build-up or debris. Replace flapper if required.

#### 4. Handle does not activate flush.

- A. Remove tank lid and check the flapper chain connection and reattach.
- B. Confirm chain has adequate slack by flushing the toilet. Adjust as needed.

#### 5. Toilet seems to be leaking (water on floor).

- A. Check the tank-to-bowl gasket to ensure it is aligned properly and tighten the tank bolts.
- B. Check tank for cracks. If cracked the tank must be replaced.
- C. Check tank bolts. Rubber washers may be corroded or bolts may be loose. Replace or tighten as necessary.

NOTE: Be careful not to overtighten nuts on tank as this may result in cracking the tank.

- D. Check around the base of the toilet for leaks. If water is coming from underneath the toilet should be removed to inspect the wax gasket and replaced as needed.

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### CARE AND CLEANING

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Clean water closet at least once per week with a cleaner safe for vitreous china. Spray and wipe clean using soft cloth. Soft abrasive cleaners may be used to remove stains.

- If you live in a hard water area, you should make certain that the holes under the rim are kept clean and free of mineral build up for proper bowl performance. Use a long-handled brush to clean the rim holes. Do not use any in-tank cleaners or deodorizers. Products containing chlorine (calcium hypochlorite) can seriously damage your toilet fittings in the tank. This damage can cause leakage and property damage.

## Washdown Urinals

### STANDARD URINAL SERIES



Item No.	Code No.	Part No.	Description
1. Discontinued	<b>1101000</b>	SU-1000-A	HEU Top Spud 0.125 gpf (0.5 Lpf) Standard Urinal
	<b>1101002</b>	SU-1002-A	HEU Top Spud 0.25 gpf (1.0 Lpf) Standard Urinal
	<b>1101005</b>	SU-1005-A	HEU Top Spud 0.5 gpf (1.9 Lpf) Standard Urinal
	<b>1101006</b>	SU-1006-A	Top Spud 1.0 gpf (3.8 Lpf) Standard Urinal
	<b>1101009</b>	SU-1009	HEU Top Spud 0.125 to 1.0 gpf (0.5 to 1.0 Lpf) Universal Standard Urinal
2. Discontinued	<b>1101010</b>	SU-1010-A	HEU Rear Spud 0.125 gpf (0.5 Lpf) Standard Urinal
	<b>1101012</b>	SU-1012-A	HEU Rear Spud 0.25 gpf (1.0 Lpf) Standard Urinal
	<b>1101015</b>	SU-1015-A	HEU Rear Spud 0.5 gpf (1.9 Lpf) Standard Urinal
	<b>1101016</b>	SU-1016-A	Rear Spud 1.0 gpf (3.8 Lpf) Standard Urinal
	<b>1101019</b>	SU-1019	HEU Rear Spud 0.125 gpf to 1.0 gpf (0.5 Lpf to 3.8 Lpf) Standard Urinal



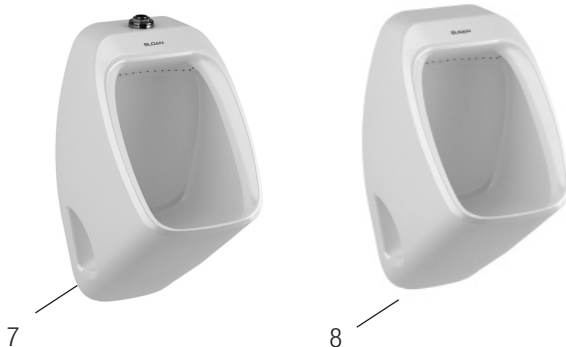
### RETROFIT URINAL SERIES

Item No.	Code No.	Part No.	Description
3. Discontinued	<b>1101200</b>	SU-1200-A	HEU Top Spud 0.125 gpf (0.5 Lpf) Retrofit Urinal
	<b>1101202</b>	SU-1202-A	HEU Top Spud 0.25 gpf (1.0 Lpf) Retrofit Urinal
	<b>1101205</b>	SU-1205-A	HEU Top Spud 0.5 gpf (1.9 Lpf) Retrofit Urinal
	<b>1101209</b>	SU-1209	HEU Top Spud 0.125 to 0.5 gpf (0.5 to 1.9 Lpf) Universal Retrofit Urinal
4. Discontinued	<b>1101210</b>	SU-1210-A	HEU Rear Spud 0.125 gpf (0.5 Lpf) Retrofit Urinal
	<b>1101212</b>	SU-1212-A	HEU Rear Spud 0.25 gpf (1.0 Lpf) Retrofit Urinal
	<b>1101215</b>	SU-1215-A	HEU Rear Spud 0.5 gpf (1.9 Lpf) Retrofit Urinal
	<b>1101219</b>	SU-1219	HEU Rear Spud 0.125 to 0.5 gpf (0.5 to 1.9 Lpf) Universal Retrofit Urinal



### SMALL URINAL SERIES

Item No.	Code No.	Part No.	Description
5. Discontinued	<b>1107009</b>	SU-7009	HEU Top Spud 0.125 to 1.0 gpf (0.5 to 3.8 Lpf) Universal Small Urinal
	<b>1107006</b>	SU-7006	Top Spud 1.0 gpf (3.8 Lpf) Small Urinal
6. Discontinued	<b>1107019</b>	SU-7019	HEU Rear Spud 0.125 to 1.0 gpf (0.5 to 3.8 Lpf) Universal Small Urinal
	<b>1107016</b>	SU-7016	Rear Spud 1.0 (3.8 Lpf) Small Urinal
7.	<b>1107409</b>	SU-7409	Top Spud 0.125 to 1.0 gpf (0.5 to 3.8 Lpf) Universal Small Urinal
8.	<b>1107419</b>	SU-7419	HEU Rear Spud 0.125 to 1.0 gpf (0.5 to 3.8 Lpf) Universal Small Urinal



### ACCESSORIES

<b>0319147</b>	SU-47-A	Spud Assembly 3/4" - All Urinals (not shown)
<b>0319060</b>	SU-20-A	Small Urinal Mounting Hardware Kit (not shown)
<b>0319105</b>	SU5A	Urinal strainer assembly
<b>0319115</b>	SU13A	Standard urinal mounting hardware kit