

Stainless Steel Slab Urinals



Installation and Operation Manual: Stainless Steel Slab Urinal

This manual is for the following models of Urinals:

Model Code:	Stainless Steel Slab Urinal
SPPL.UR.S.T.L.xxxx	Urinal – Slab – Top Entry – Left Waste – Standard Length
SPPL.UR.S.T.R.xxxx	Urinal – Slab – Top Entry – Right Waste – Standard Length
SPPL.UR.S.T.C.xxxx	Urinal – Slab – Top Entry – Centre Waste – Standard Length
SPPL.UR.S.T.2.xxxx	Urinal – Slab – Top Entry – Two Wastes – Standard Length
SPPL.UR.S.R.L.xxxx	Urinal – Slab – Rear Entry – Left Waste – Standard Length
SPPL.UR.S.R.R.xxxx	Urinal – Slab – Rear Entry – Right Waste – Standard Length
SPPL.UR.S.R.C.xxxx	Urinal – Slab – Rear Entry – Centre waste – Standard Length
SPPL.UR.S.R.2.xxxx	Urinal – Slab – Rear Entry – Two Wastes – Standard Length
Standard Lengths of Slab Urinal in mm	0900, 1200, 1500, 1800, 2400, 2700, 3000, 3300, 3600, 3900 and 4100.
Where SPPL	= Standard Product Plumbing

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Recommendations:

Upon receiving a Stoddart product, inspect immediately for any visible signs of shipping damage and notify the carrier immediately. When removing the product from its packing, be careful not to dent or scratch outer surface. Any concealed damage should be noted and reported immediately to the freight carrier. A claim should be filed with carrier if appropriate.

Responsibility:

Stoddart Manufacturing will not accept responsibility for damage by freight carriers. Stoddart thoroughly inspect all products in accordance with QA procedures, prior to despatch from our factory. The Plumber is responsible to ensure that the urinal is installed in accordance with all specific requirements of local codes and regulations (including AS 3500). If questions or complications should arise during the installation of a Stoddart product that cannot be solved using the accompanying instructions, please contact our offices or local representatives.

*Note: It is the Plumbers responsibility to install this product in accordance with **AS3500**.*

Scope:

This product is design to be used in public places where it is required to be vandal resistant. The product is manufactured to the requirements of AS1172.1 and associated reference standards.

Features:

- The Slab urinal from Stoddart Manufacturing has full depth sides for superior hygiene.
- The urinal has a concealed vandal resistant sparge.
- All internal corners have large radius for cleaning ease and effective drainage.
- Compressed fibre cement backing provides “anti-drum” noise suppression.
- Stoddart Slab urinals are manufactured with fall to the waste > 1:100 (typically 1:80).
- Top edge can have either a returned edge or a tile edge.

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Referenced Australian Standards:

Markings	Unit Marking to include Maker's Name, Model identification, Installation & Maintenance Copper alloy products are marked 'DR'	AS 1172.1–1993 Section 1.6
Urinal Materials	Stainless Steel	AS1172.1 Clause 2.3.1
Urinal Outlet Dimensions	Shall comply with the applicable clauses	AS 1172.1 - Clause 1.4.4 & Fig. 2
Dezincification resistance	Dezincification resistance applicable to copper alloy components in contact with mains water	AS 2345
Contamination of water	Suitability of Plumbing & Water Distribution Systems Products for Contact With Potable Water Products For Use In Contact With Drinking Water	AS 3855 AS4020
Pipes and Fittings	Dimensional compliance with relevant or corresponding Australian Standard for the pipe or fitting	AS 3688
Joints (i.e. Spigots, sockets, flanges, or other joint components, where interfacing other authorized components)	Dimensional compliance with relevant or corresponding Australian Standard for the pipe or fitting Pipe Threads of Whitworth Form. – Part 2 Fastening Pipe Threads	AS 3688
Flushing Valves	Shall comply with MP52 Spec 20	MP52-Spec 20
Installations	Warranty & Installation instructions shall be provided by the manufacture	AS3500

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Slab Urinal Installation:

A qualified plumber must install all Urinals. (Stoddart can deliver urinals to site, and where required can site weld large urinals together inside the room.)

1. Fit Urinal to waste;
 - a. Cut Sewer pipe to height to ensure Urinal waste fits inside it.
 - b. Use the rubber cap supplied to seal the waste to the sewer (Plumber may use alternative methods).
 - c. Make sure there is ample clearance between sewer pipe, rubber cap and underside of urinal trough.
 - d. **DO NOT push waste upward.**
2. Fix Urinal to wall;
 - a. For Urinals with a Returned Edge, fix Z clips to wall horizontally at correct height then hang urinal on Z clips with waste in position. Z-clips must be fitted to wall before urinal is set in place.
 - b. For Urinals with Tile Edge, position urinal on waste, then hold urinal level, drill through the tiled edge and then fix to studs in wall.
 - c. Please be advised that "Z" clips are not recommended for Urinals over 3 meters long if the wall is not flat.
3. Check top edge of urinal is level from left to right and front to back.
 - a. **DO NOT use sparge cover as level reference.**



- b. **Check that there is at least 1:100 fall from all points to the waste.**



4. Concrete Step;
 - a. Box up front step.
 - b. Check front edge of urinal is level. Recheck that the urinal trough drains to the waste.
 - c. Pour concrete mix to form front step, ensuring that concrete fills in under the front of the urinal to fix it in place.
5. Connect flush water Supply to Sparge; (refer to Plumbing code)

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Water Supply Requirements:

All Stoddart Urinals that are coupled with a flush valve require the following:

- Water supply pipe must be 20mm diameter minimum.
- Water pressure 250kpa minimum to 500kpa maximum.
- Flow to the valve face must be 1.0-1.5 litres/sec.
- An inline water filter should be fitted to protect the flushing valve.
- A Registered Air Gap device must be used.

All Stoddart Urinals that are coupled with a cistern require the following:

- Cistern chosen should meet relevant codes & water efficiency standards.
- Flush pipe from cistern to urinal should be min. 40mm NB.
- Flush pipe should be as straight as possible.

Automatic Flushing Devices:

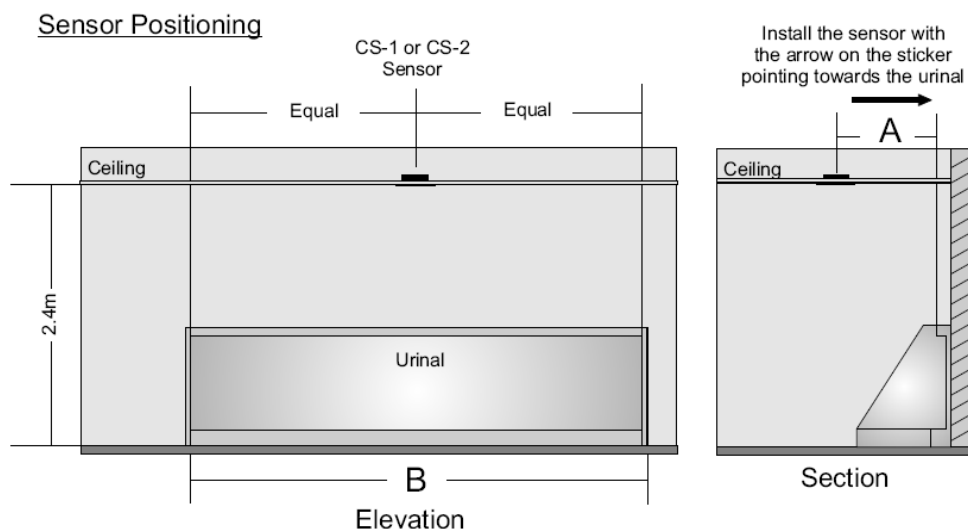
There are many manufacturers of urinal flushing devices. Most are mains powered passive infrared detection systems that automatically flush periodically and after movement is detected. They usually come complete with solenoid flush valve with air brake, sensor, power pack & control module.

It is critical that the flush valve has sufficient capacity to deliver water fast enough to fill the sparge pipe and provide full washing of the back and sides of the urinal.

It is critical the devices are set to flush sufficient water to “flush” away all urine.

The device should have a periodic flush that will maintain the water seal in the S trap.

Example of ceiling mounted sensor.



Cleaning Urinals:

Recommended cleaning of all stainless steel.

Use a soft cloth that has been dampened with warm soapy water to clean stainless steel.

Rinse with clean water and dry with a soft cloth. **Do not use steel wool**, coarse fabrics or abrasive polishing solutions, as they will permanently damage the finish.

Light stains may be effectively removed by moistening a soft cloth with 10% solution of sodium citrate, sprinkling on a light layer of whiting and rubbing in the direction of the grain.

Thoroughly rinse and dry with a soft cloth.

If desired, the stainless steel may be waxed with a good quality non-abrasive liquid or paste automobile wax.

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Remember these does and don'ts

DO...

- Wash regularly with soapy water or detergent using a clean cloth or a soft bristle brush.
- Remove non-washable deposits using an approved cleaner.
- Clean in one direction only, along the original polish lines (direction of grain).
- Rinse well with clean water and wipe dry.

DON'T...

- Use steel wool or metallic scrapers to remove non-washable deposits.
- Allow dirt or salt to accumulate or to dry out and harden on the surface.
- Use cleaners containing harsh abrasives or high bleach contents.

Stoddart will not accept any responsibility and our warranty will be void if bleach or acidic based cleaning agents are used to clean our stainless steel products. If any of the above cleaners must be used, it is imperative that the product is thoroughly washed and rinsed after cleaning with warm soapy water, otherwise brown oxidization will appear on the stainless steel surface.

Important: Never use harsh or abrasive cleaners on the product, as it is stainless steel. Do not use chlorinated or bleached water.

Warranty:

Upon receiving a Stoddart product, inspect immediately for any visible signs of shipping damage and notify the carrier immediately. When removing the product from its packing, be careful not to dent or scratch outer surface. Any concealed damage should be noted and reported immediately to the freight carrier. A claim should be filed with carrier promptly if appropriate. Stoddart Manufacturing will not accept responsibility for shipping damage. The Standard Terms and Conditions of Sale clearly details Standard Warranty Policy. Plumbing Products offer additional conditions as follows:

- Warranty on materials and labour is limited to 12 months from date of installation.
- The Warranty does not cover damage caused by abuse, misuse or improper application or improper installation.
- Warranty Claims must be submitted in writing to Stoddart Manufacturing within 14 days of observation of fault.
- Items may be returned to Stoddart's Factory by the Customer for warranty inspection. For valid warranty claims, Stoddart will repair or replacement the item and return it to the Customer promptly.
- For installed products, Photos must accompany the Warranty Claim for effective consideration.
- If a site visit is required to conduct warranty repairs, such work will be carried out during normal business hours. 8am to 5pm. Mon to Fri.

Enquiries and Complaints:

Should you have any queries or complaints please contact the Stoddart Plumbing Division on:
07 33455011 Reception or email to plumbing@stoddart.com.au

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