ZURN STALLATION STABILIZER PATENT

Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

The Zurn Drain Installation Stabilizer is a unique support plate designed to secure a drain in place and provide adjustment, rigidity, and strength during the drain installation process.

The main objectives for the Drain Installation Stabilizer are as follows:

- (a) To provide a means of pre-assembling the drain to a known rough-in height. If the floor thickness is already known, the drain and Installation Stabilizer can be conveniently pre-assembled away from the job site, and quickly placed and leveled in the correct location at the job site, saving labor costs.
- (b) To locate and secure the drain in place and keep it in position prior to concrete pour. The Installation Stabilizer will help resist the drain from tipping, tilting, or being knocked over during construction and concrete pour.
- (c) To allow height and level adjustments of the drain to meet the finished floor.
- (d) To support any reasonable excess weight that may be placed on the drain before the concrete is poured.
- (e) To create an open pocket on the underside of the plate, allowing for attachment of the waste line piping after a concrete pour.
- (f) To use one part for multiple pipe sizes by way of removeable knockout(s).



______ Z1035 (For 8-3/8 [213] dia. drain body)



How to Use The Drain Installation Stabilizer

Z1036 (For 12 [305] & 15 [381] dia. drain body)

The installation stabilizer is constructed of galvanized steel plate and is designed to be used with 8-3/8" dia., 12" dia., 15" dia. drain bodies, Z1900, Z1901, & Z1902 Sani-Flor Receptors, Z1400-K cleanouts (2", 3", and 4" No-hub and Neo-Loc outlets).

Four lengths of all-thread rod are attached to the body by inserting and tightening into the tapped holes located on the underside of the body. The stabilizer plate is then connected to the all-thread rod by use of flanged nuts, above and below the plate. Adjusting the placement of the nuts changes the rough-in height of the drain. Once the proper height is obtained, the nuts are tightened against the plate. Any excess rod is trimmed off and a stub of pipe is then connected to the body and allowed to extend through the center hole of the plate. The assembly is then nailed down to the concrete form.

When concrete is poured around the drain, the plate creates a pocket on the underside of the slab. When the concrete is set and the forms are stripped away, the visible result is a stub of pipe protruding through the underside of the slab. The remaining drain line can then be connected to this stub of pipe.

▲ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
 ▲ ADVERTENCIA: Cáncer y daño reproductivo - www.P65Warnings.ca.gov
 ▲ AVERTISSEMENT: Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov



Z1035 AND Z1036 ASSEMBLY INSTRUCTIONS



Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

- **Step1** Connect a shielded coupling to the drain body (No-Hub connection), or insert gasket into drain body (Neo-Loc connection).
- **Step2** Remove the threaded studs from hardware bag (P.N. 66955-312-9) and screw into the tapped bosses on the underside of the drain body until tight.
- **Step3** Screw one flanged nut onto each stud with the flange facing downward.





4 Determine pipe size and remove appropriate knockout if necessary.

Insert the studs through the four holes of the plate with the plate cavity facing downward. Set the drain body at the required rough-in height and screw the flanged nuts down until they are flush against the top of plate.

Screw a second flanged nut onto each stud with the flange facing upward. Tighten both nuts on each stud until the plate is secured to the studs.

Step6 Trim the studs down so that they are flush with the bottom of the plate. Set the assembly onto a level surface and check to ensure that the drain body is level with the plate. The flanged nuts can be loosened and tightened to allow for any necessary adjustments. Once leveled, trim any studs that extend beyond the cavity of the plate.
Step7

Step7 Insert a stub of drainage pipe into the shielded coupling (No-Hub connection) or gasket (Neo-Loc connection) and secure. It is important that there be at least 1¼" [32 mm] of pipe protruding through the cavity of the plate, in order to make a connection to the remaining drainage line.



- **Step8** Once the assembly is complete and set at the proper rough-in height, place the assembly in the proper location prior to concrete pour. The assembly can be nailed down to the concrete forms by using the nail holes provided on the rim of the plate.
- Step9 Concrete pour.
- Step10 After the concrete is set and the forms are stripped away, the result will be a voided area on the underside of the floor with a stub of pipe protruding through it. Trim off any nails that are extending beyond the concrete floor. The remaining drainage line can now be connected to the drain assembly.

Zurn Industries, LLC | Specification Drainage Operation 1801 Pittsburgh Avenue, Erie, PA U.S.A. 16502 · Ph. 855-663-9876, Fax 814-454-7929 In Canada | Zurn Industries Limited 3544 Nashua Drive, Mississauga, Ontario L4V 1L2 · Ph. 905-405-8272, Fax 905-405-1292 www.zurn.com



-NAIL HOLE

Rev.	А
Date:	04/06/2018
C.N. No.	139849
Form No.	T20





Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

Note: Some localities' building codes- do not allow a shielded coupling or rubber gasket to be buried in concrete. For applications such as this, a section of 6" PVC pipe can be used to act as a barrier to keep concrete from coming in contact with the rubber materials.



Each drain installation stabilizer is provided with a hardware bag (P.N. 66955-312-9) that consists of the following product:

PART	PART NUMBER	QTY.
3/8-16 Flanged Locknut	56795-002	8
3/8-16 X 12 Stud	14861-046	4

The Zurn floor drain installation stabilizer is designed to be used with the following Zurn floor drains:

8-3/8 DIA. FLOOR DRAIN

	Model #	Rough in height (No-hub) Min.	Rough in height (No-hub) Max.	ROUGH IN HEIGHT (NEO-LOC) MIN.	ROUGH IN HEIGHT (NEO-LOC) MAX.
Z315, Z	556				
Z415	TYPE B,BL,C,D,E,G,H,I,J, K,M,N,O,S,SC,SH,SL,T	6-1/2 [165]	13-1/2 [343]	5-5/8 [143]	13-1/2 [343]
ZS415	TYPE B & S				

12 DIA. FLOOR DRAIN

Model #	ROUGH IN HEIGHT (NO-HUB) MIN.	Rough in height (No-hub) Max.	ROUGH IN HEIGHT (NEO-LOC) MIN.	Rough in Height (Neo-Loc) Max.
Z508,Z550,Z554,Z609,Z679	7-3/8 [187]	13-1/2 [343]	5-1/2 [140]	13-1/2 [343]
Z533	7-7/8 [200]	13-1/2 [343]	6-1/2 [165]	13-1/2 [343]

15 DIA. FLOOR DRAIN

Model #	ROUGH IN HEIGHT	ROUGH IN HEIGHT	ROUGH IN HEIGHT	ROUGH IN HEIGHT
	(NO-HUB)	(NO-HUB)	(NEO-LOC)	(NEO-LOC)
	MIN.	MAX.	MIN.	MAX.
Z505,532,534,536,537,540,541, Z545,Z610,Z625,Z626,Z627	7-7/8 [200]	13-1/2 [343]	6-1/2 [165]	13-1/2 [343]

NOTE: Rough-in heights shown are with use of 12 [305] long studs.



Zurn Industries, LLC Specification Drainage Operation
1801 Pittsburgh Avenue, Erie, PA U.S.A. 16502 · Ph. 855-663-9876, Fax 814-454-7929
In Canada Zurn Industries Limited 3544 Nashua Drive, Mississauga, Ontario L4V 1L2 · Ph. 905-405-8272, Fax 905-405-1292
www.zurn.com

Rev.	А
Date:	04/06/2018
C.N. No.	139849
Form No.	T20





Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

Z1400-K Cleanout (2,3,4 Sizes only)

Model #	ROUGH IN HEIGHT	ROUGH IN HEIGHT	ROUGH IN HEIGHT	ROUGH IN HEIGHT
	(NO-HUB)	(NO-HUB)	(NEO-LOC)	(NEO-LOC)
	MIN.	MAX.	MIN.	MAX.
Z1400-K	6-5/8 [168]	13-1/8 [333]	5-7/8 [149]	13-1/8 [333]





Z1903 ASSEMBLY INSTRUCTIONS



Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

- Step1 Connect a shielded coupling to the Sani-Flor Receptor (No-Hub connection), or insert gasket into Sani-Flor Receptor (Neo-Loc connection).
- **Step2** Remove the threaded studs from hardware bag (P.N. 66955-312-9) and screw into the tapped bosses on the underside of the Sani-Flor Receptor until tight.
- **Step3** Screw one flanged nut onto each stud with the flange facing downward.



Step4Determine pipe size and remove appropriate knockout if
necessary. Square knockout may also be removed to allow
space for Sani-Flor Receptor in narrow floor applications.
(See recessed sink instructions)

- **Step5** Insert the studs through the four holes of the plate with the plate cavity facing downward. Set the Sani-Flor Receptor at the required rough-in height and screw the flanged nuts down until they are flush against the top of plate.
- **Step6** Screw a second flanged nut onto each stud with the flange facing upward. Tighten both nuts on each stud until the plate is secured to the studs.
- **Step7** Trim the studs down so that they are flush with the bottom of the plate. Set the assembly onto a level surface and check to ensure that the Sani-Flor Receptor is level with the plate. The flanged nuts can be loosened and tightened to allow for any necessary adjustments. Once leveled, trim any studs that extend beyond the cavity of the plate.
- Step8Insert a stub of drainage pipe into the shielded coupling
(No-Hub connection) or gasket (Neo-Loc connection)
and secure. It is important that there be at least 1¼" [32mm] of
pipe protruding through the cavity of the plate, in order
to make a connection to the remaining drainage line.
- **Step9** Once the assembly is complete and set at the proper rough-in height, place the assembly in the proper location prior to concrete pour. The assembly can be nailed down to the concrete forms by using the nail holes provided on the rim of the plate.
- Step10 Concrete pour.
- Step11 After the concrete is set and the forms are stripped away, the result will be a voided area on the underside of the floor with a stub of pipe protruding through it. Trim off any nails that are extending beyond the concrete floor. The remaining drainage line can now be connected to the Sani-Flor Receptor assembly.

Zurn Industries, LLC | Specification Drainage Operation 1801 Pittsburgh Avenue, Erie, PA U.S.A. 16502 · Ph. 855-663-9876, Fax 814-454-7929 In Canada | Zurn Industries Limited 3544 Nashua Drive, Mississauga, Ontario L4V 1L2 · Ph. 905-405-8272, Fax 905-405-1292 www.zurn.com





Rev.	А
Date:	04/06/2018
C.N. No.	139849
Form No.	T20





Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

- **Step1** Remove the threaded studs from hardware bag (P.N. 66955-312-9) and screw into the tapped bosses on the underside of the Sani-Flor Receptor until tight.
- **Step2** Screw one flanged nut onto each stud with the flange facing downward.



Step3Remove square knockout to allow space for Sani-Flor
Receptor in narrow floor applications.



- **Step5** Screw a second flanged nut onto each stud with the flange facing upward. Tighten both nuts on each stud until the plate is secured to the studs.
- **Step6** Cut a hole in the metal deck to allow the floor sink to fit through.
- **Step7** Trim the studs down so that they are flush with the bottom of the plate. Set the assembly onto the deck and check to ensure that the Sani-Flor Receptor is level with the plate. The flanged nuts can be loosened and tightened to allow for any necessary adjustments. Once leveled, trim any studs that extend beyond the cavity of the plate.



Step8 Once the assembly is complete and set at the proper rough-in height. The assembly can be secured to the deck by using the nail holes provided on the rim of the plate.

Step9 Concrete pour.

Step10 After the concrete is set, the result will be a recessed floor sink on the underside of the floor. Trim off any nails that are extending beyond the concrete floor. The remaining drainage line can now be connected to the Sani-Flor Receptor assembly.