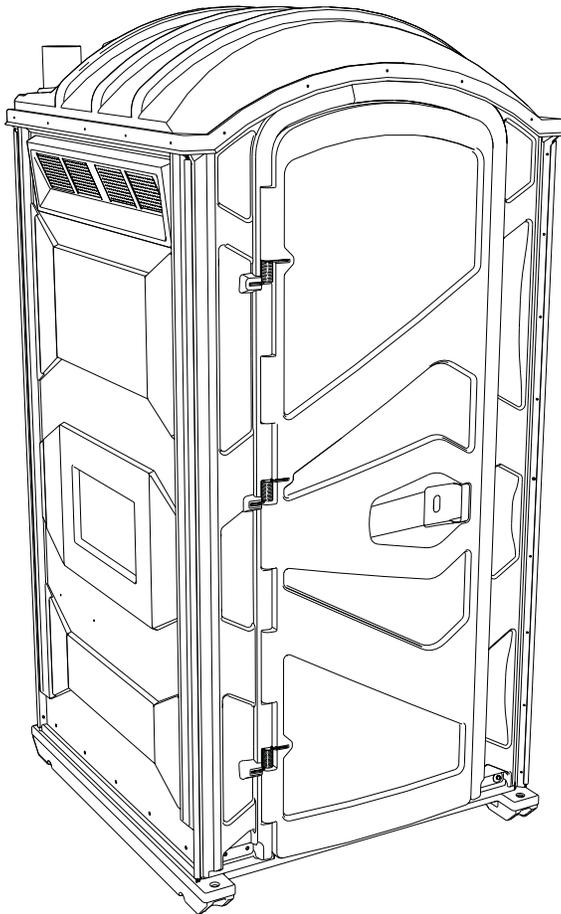


PJP3 Series

Portable Restroom with Plastic Front

Assembly Instructions

US PATENTS: 4,577,351 4,637,299 4,793,100 4,895,400



SPECIFICATIONS

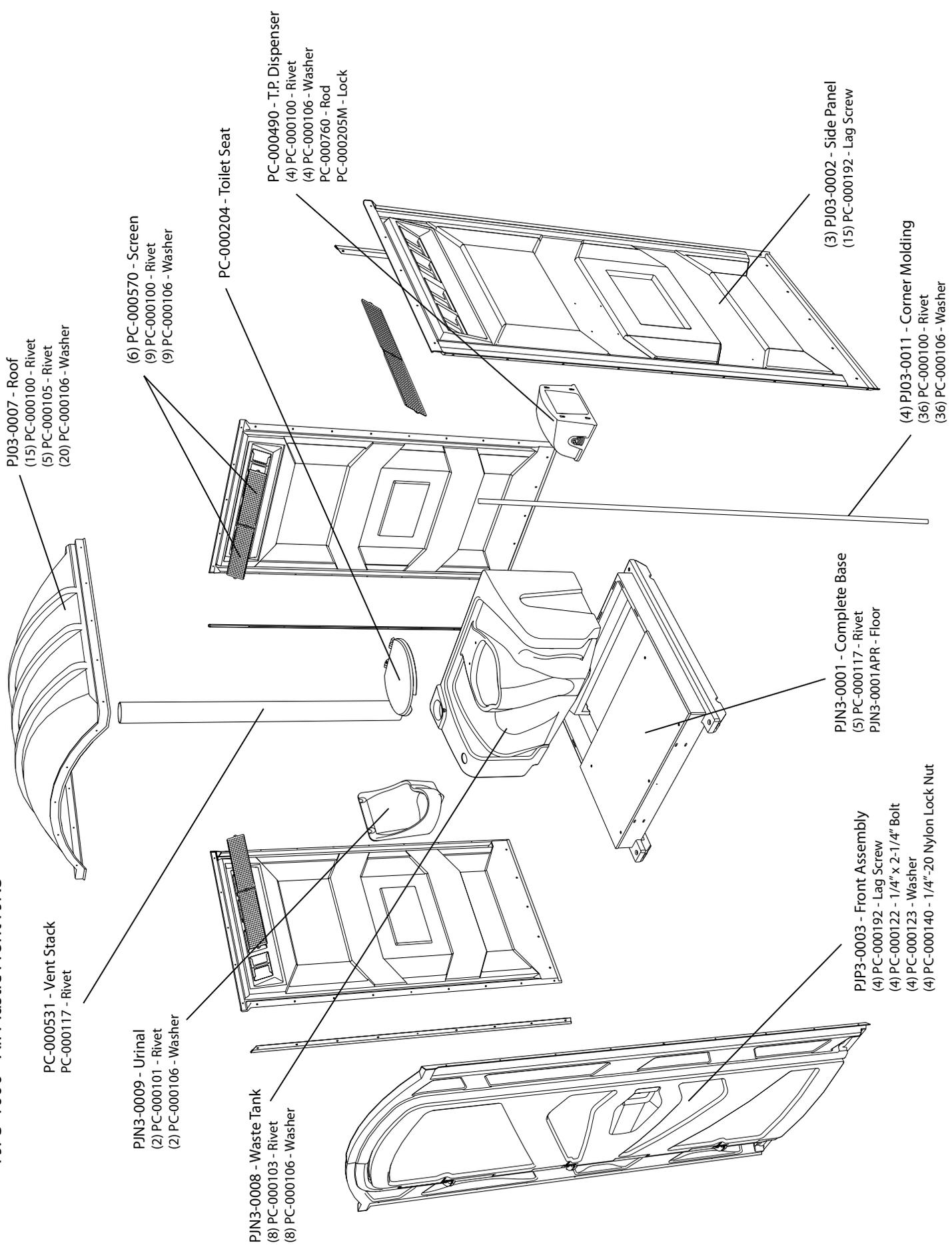
DIMENSION	IMPERIAL	METRIC
Exterior Height	91.0 in	231 cm
Interior Height	82.0 in	208 cm
Exterior Width	43.5 in	110 cm
Interior Width	41.0 in	104 cm
Exterior Length	47.0 in	119 cm
Interior Length	41.0 in	104 cm
Holding Tank	60.0 gal	227 L
Seat Height	19.0 in	48 cm
Weight	165.0 lb	74.2 kg
Side Panel Decal Area	12 in x 23 in	30 cm x 58 cm
Door Panel Decal Area	in x in	cm x cm
<i>Optional Sink Tank Capacity</i>	<i>15 gal</i>	<i>56.8 L</i>
<i>Optional Recirculating Flush Tank Capacity</i>	<i>35 gal</i>	<i>132 L</i>

For product identification, the serial number is located on the left inside surface (as viewed from the front) in the center of the door jamb..

We recommend reading through the entire Assembly Instructions prior to proceeding with installation, service or maintenance. All references to left and right throughout this guide are as viewed from the front.

TerraBound Solution Inc.
20020 Hickory Twig Way
Spring, TX 77388
TOLL FREE: 1-877-857-2915
www.terraboundsolutions.com

PJP3-1000 - All Plastic Front PJN3



PJ03-0007 - Roof
 (15) PC-000100 - Rivet
 (5) PC-000105 - Rivet
 (20) PC-000106 - Washer

PC-000531 - Vent Stack
 PC-000117 - Rivet

(6) PC-000570 - Screen
 (9) PC-000100 - Rivet
 (9) PC-000106 - Washer

PJN3-0009 - Urinal
 (2) PC-000101 - Rivet
 (2) PC-000106 - Washer

PC-000204 - Toilet Seat

PJN3-0008 - Waste Tank
 (8) PC-000103 - Rivet
 (8) PC-000106 - Washer

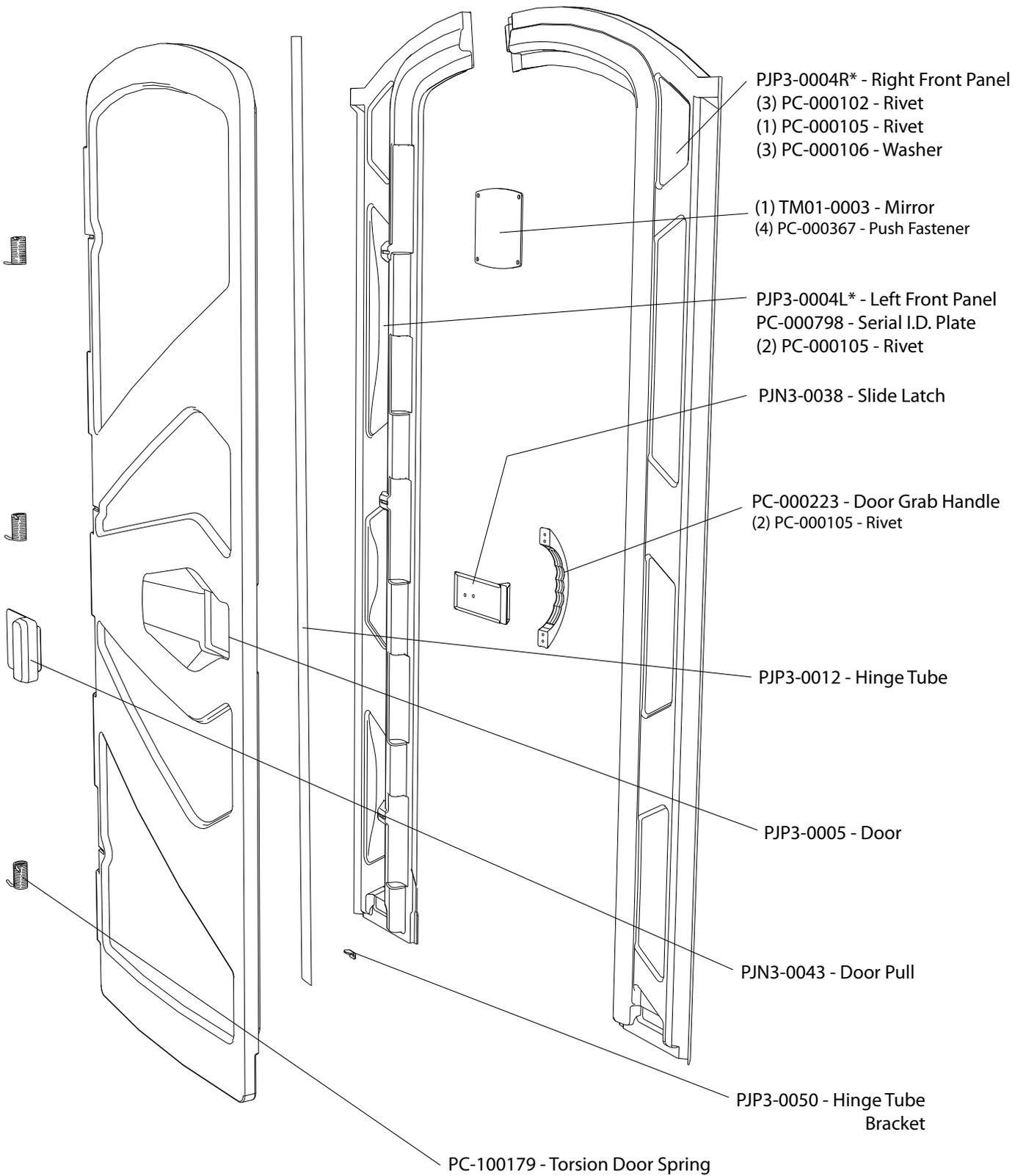
PC-000490 - T.P. Dispenser
 (4) PC-000100 - Rivet
 (4) PC-000106 - Washer
 PC-000760 - Rod
 PC-000205M - Lock

(3) PJ03-0002 - Side Panel
 (15) PC-000192 - Lag Screw

PJN3-0001 - Complete Base
 (5) PC-000117 - Rivet
 PJN3-0001APR - Floor

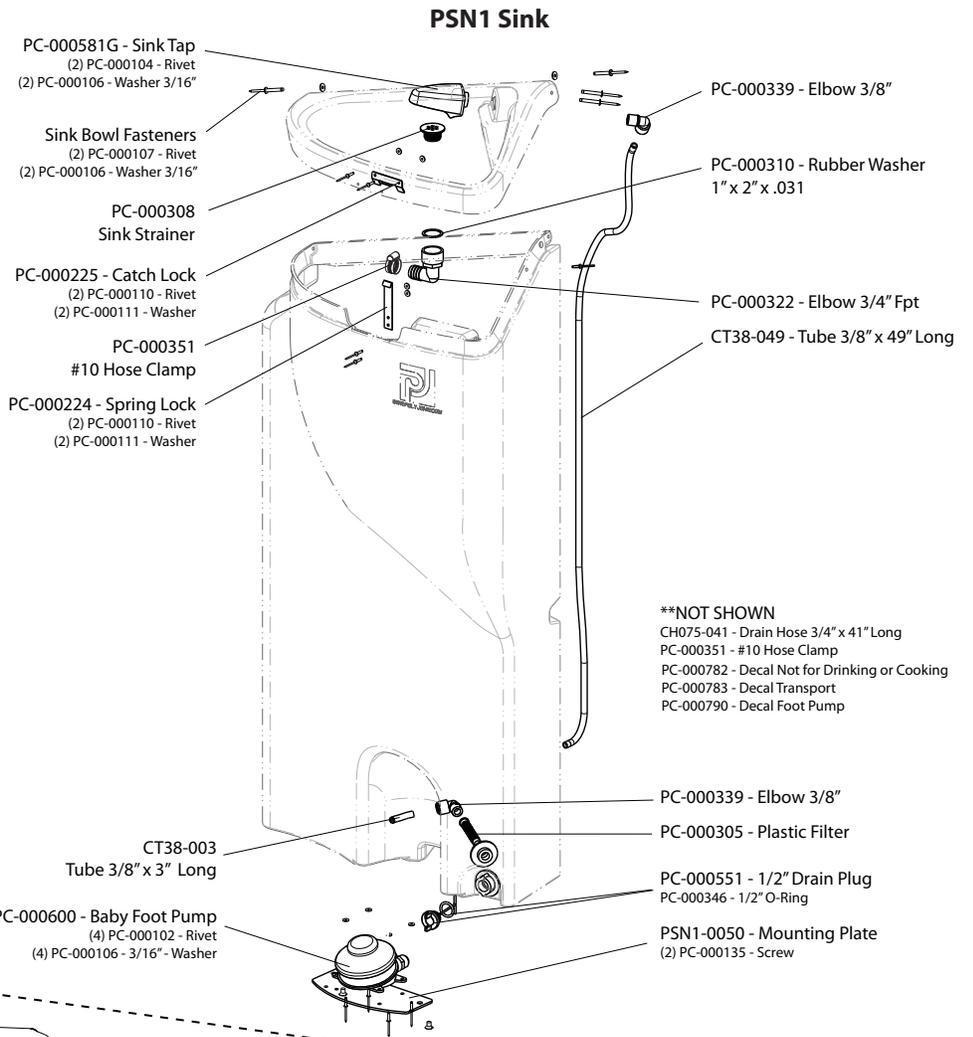
PJP3-0003 - Front Assembly
 (4) PC-000192 - Lag Screw
 (4) PC-000122 - 1/4" x 2-1/4" Bolt
 (4) PC-000123 - Washer
 (4) PC-000140 - 1/4"-20 Nylon Lock Nut

(4) PJ03-0011 - Corner Molding
 (36) PC-000100 - Rivet
 (36) PC-000106 - Washer

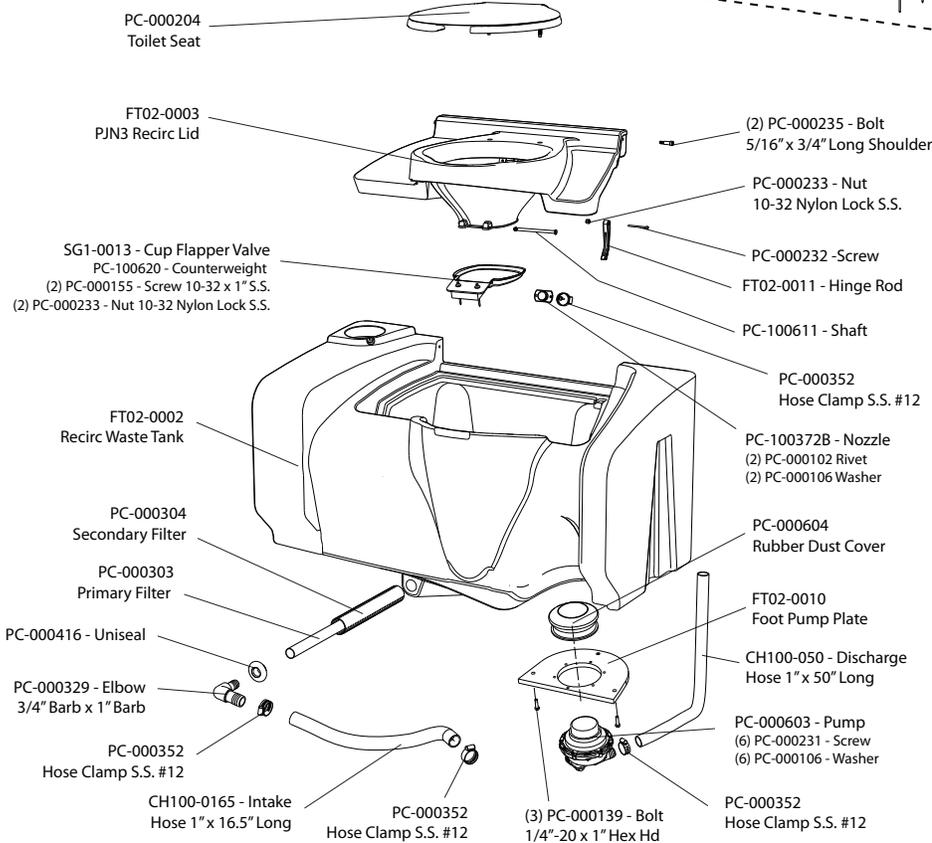


Optional PSN1 Sink Exploded View

See Page 11 for Installation



FT02-1000 Recirculating Tank



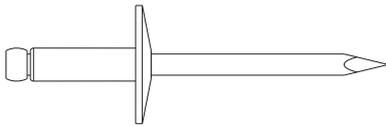
Optional FT02-1000 Recirculating Flush Tank Exploded View

See Page 7 for Installation

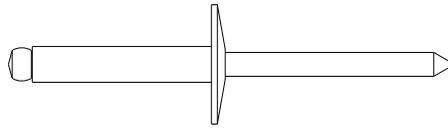
GENERAL OVERVIEW

- When using air operated screw drivers or impact wrenches, be sure that the torque setting does not exceed 28 inch pounds.
- When using a battery-operated drill, set it to the lowest torque setting.
- Please follow the instructions in the order they are presented. It is suggested that you read through the entire assembly instructions prior to proceeding with the assembly.
- All references to left, right, front and rear throughout the entire assembly instructions are as viewed from the front of the restroom.
- All rivet holes drilled 13/64" dia.
- Use 1/4" disposable shim strips.
- The **PJP3 Model** restroom assembly will require two people.
- These instructions are for restrooms shipped unassembled. If you receive assembled units, please retain these instructions for maintenance and repair purposes.
- We strongly suggest that these restrooms, as with all portable structures, be transported and handled with care. Dropping the restroom when loading and unloading could cause damage..

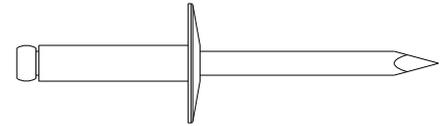
FULL SIZE SCALE FASTENER DRAWINGS



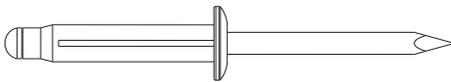
(64) PC-000100 Rivet
Large Flange, Short



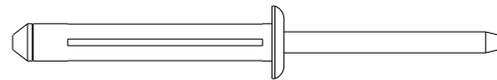
(2) PC-000101 Rivet
Large Flange, Long



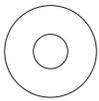
(8) PC-000103 Rivet
Large Flange, Medium



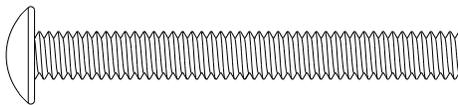
(7) PC-000105 Rivet
Small Flange, Hollow Wall



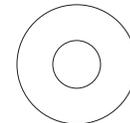
(1) PC-000117 Rivet
Small Flange, Long Hollow Wall



(79) PC-000106 Washer
3/16" Back-up



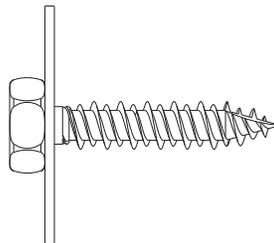
(4) PC-000122 Screw
1/4"-20 x 2-1/4" Long



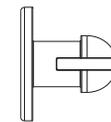
(4) PC-000123 Washer
1/4" x 5/8" Flat



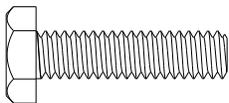
(4) PC-000140 Nut
1/4"-20 Nylok



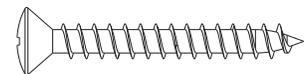
(19) PC-000192 Sems Assembly
1/4" x 1-1/4" Self Tapping



(4) PC-000367 Fastener
Nylon Push



Optional - PC-000139
Bolt, 1/4" -20 x 1"
(1) Used in FT02-1000
Recirculating Tank



Optional - PC-000158
Self Tapping Screw
(1) Used in PSN1 Sink

~~TOOLS REQUIRED FOR ASSEMBLY~~

- | | | | | |
|----------------|--------------------|-----------------------------------|-----------------|--------------|
| • Tapered Awls | • Drill | • Rivet Gun with 3/16" tip | • Socket Wrench | • Pliers |
| • Hammer | • 13/64" Drill Bit | • Phillips Cross-head Screwdriver | • 7/16" Socket | • Vise-Grips |

ASSEMBLY INSTRUCTIONS

STEP 1. FRONT ASSEMBLY TO BASE SKID:

Refer to Figure 1. Stand two waste tanks on end about four feet apart. Stand a base skid with the open space for the tank towards the ground with the floor side of the base skid up (as shown). Position the front assembly on top of the tanks with the bottom of the front assembly resting on the base skid. **NOTE: (Placing a 4 x 4 on the tank at the top of the front assembly may help to level the top with the base skid).** Move the slide latch to the open position and open up the door. Match up the four holes in the bottom of the door opening with the four slots in the base skid. Fasten the front panel to the base skid with (4) PC-000122 - Screws, (4) PC-000123 - Washers and (4) PC-000140 - Nuts using a Phillips screwdriver and a 7/16" socket wrench. Rivet a PC-000117 - Rivet into the recess in the middle of the threshold. Drive (4) PC-000192 - Sems Lag Screws into the front wall panels and through to the base skid (two holes on the left and two on the right side of the door jamb). **CAUTION: DO NOT OVER-TIGHTEN; TIGHTEN ONLY UNTIL SNUG.** Stand the skid and front assembly upright.

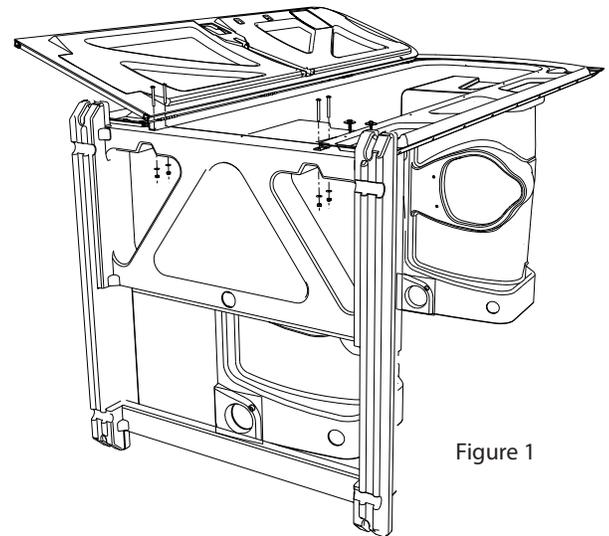
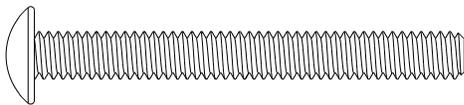


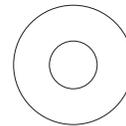
Figure 1



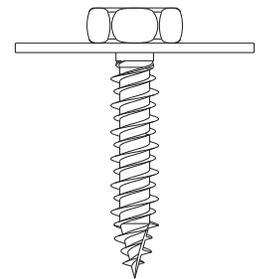
PC-000122 Screw
4 Used in this step



PC-000140 Nut
4 Used in this step



PC-000123 Washer
4 Used in this step



PC-000192 Sems
4 Used in this step

STEP 2. CORNER MOLDINGS TO SIDE PANELS:

Refer to Figure 2. Using two waste tanks (as in Step 1), place a wall panel on top and one on the sides of the tanks (as shown). **NOTE: (The mitre cut end of the corner moldings should be facing towards the top of the side panels.)** Slip a corner molding onto each edge of the side panel that is on top of the tank. Lift and insert the edge of a side panel into the groove of the corner molding and insert an awl into the second hole from the top and one into the second hole from the bottom. Repeat for the other corner molding. Insert a PC-000100 - Rivet into the center holes of the corners while placing a PC-000106 - Backup Washer from the back side of the molding. Repeat for the remaining holes in both moldings (making sure to drive all rivet heads from the front for a uniform visual appearance). **NOTE: (The corner moldings and each edge of the side panels have nine holes. The center hole is 1/4" diameter and the remaining holes are 5/16" diameter. The bodies of the rivets are 3/16" diameter. This allows for thermal expansion and contraction of the cabana during outdoor temperature fluctuations.)** Stand the three side panels with two corner moldings upright.

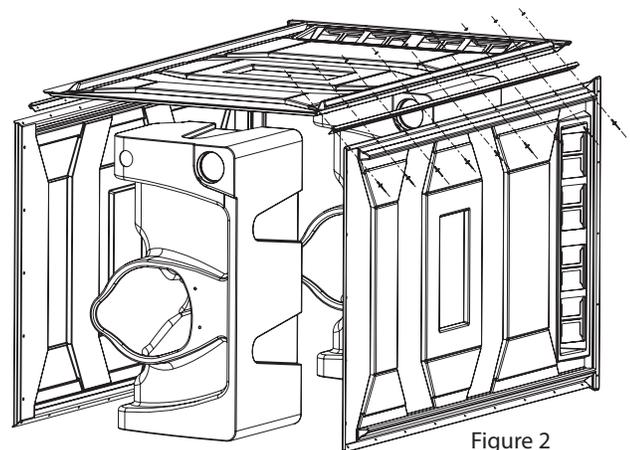
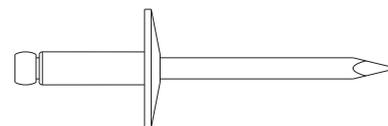
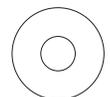


Figure 2



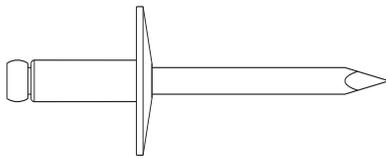
PC-000100 Rivet
18 Used in this step



PC-000106 Washer
18 Used in this step

STEP 3. CABANA ASSEMBLY:

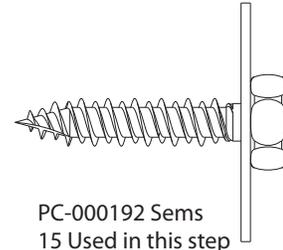
Position the three side panels and corner molding sub-assembly around the front assembly/base skid. **IMPORTANT - The walls of the cabana should be approximately 1/4" from the top surfaces of the base skid. Place 1/4" thick shims between the rear corners of the cabana and the base skid; this will make the cabana structure level with the front assembly and allow for thermal expansion and contraction during outdoor temperature fluctuations.** Slip a corner molding onto each edge of the front wall panels (making sure the mitre cut end of the corner moldings are facing towards the top of the panels). Insert the edge of a side panel into the groove of the corner molding (making sure the holes in the panels line up with those in the moldings). Insert a PC-000100 - Rivet into the center holes of the corners while placing a PC-000106 - Back-up Washer from the back side of the molding. Repeat for the remaining holes in both moldings (making sure to drive all rivet heads from the front for a uniform visual appearance). **NOTE: There are five pre-drilled holes along the bottom of each wall panel.** Begin with the center hole of the rear wall panel, while pushing the rear panel against the base skid drive in the five sems lag screws using a 7/16" socket wrench. Continue with the side wall panels, starting with the front edge of each side, working towards the back. **CAUTION: DO NOT PRE-DRILL HOLES IN THE BASE SKID; THE PC-000192 - SEMS LAG SCREWS ARE SELF-THREADING. DO NOT OVER-TIGHTEN THE SEMS LAG SCREWS; TIGHTEN ONLY UNTIL SNUG.**



PC-000100 Rivet
18 Used in this step



PC-000106 Washer
18 Used in this step



PC-000192 Sems
15 Used in this step

STEP 4. WASTE HOLDING TANK INSTALLATION:

ASSEMBLY OF OPTIONAL RECIRCULATING TANK: For shipping purposes, the pump is fastened under the lid with the necessary parts for final assembly and installation. Use a 7/16" socket wrench to remove the pump from the lid and place it in the proper location (as illustrated in the "Exploded View"). Attach the hoses with #12 hose clamps. The CHI00-050 - Hose connects to the "Out" port on the pump. The CH100-0165 - Hose connects to the "In" port on the pump.

INSTALLATION OF STATIC OR RECIRCULATING WASTE TANK: Refer to Figure 3. Position the tank so that it is centered between the left and right side wall panels and pushed up to the floor plate. There are drill spots on each of the side wall panels. The top four in-line drill spots on the rear wall panel are used to rivet the back of the holding tank to the rear wall panel. Of the top four drill spots on each of the side wall panels, only the two closest to the rear are used to rivet the sides of the holding tank to the side wall panels. While pushing the wall panels in flat against the tank, use a 13/64" drill bit to drill through the specified drill spots of the wall panels into the outer walls of the tank. **CAUTION: DRILL ONLY THROUGH THE OUTER WALL OF THE HOLDING TANK. DO NOT DRILL THROUGH THE INSIDE TOP SURFACES OF THE TANK.** From the outside of the restroom rivet through the drilled holes with PC-000103 - Rivets while someone inside places PC-000106 - Back-up Washers on the rivet stems.

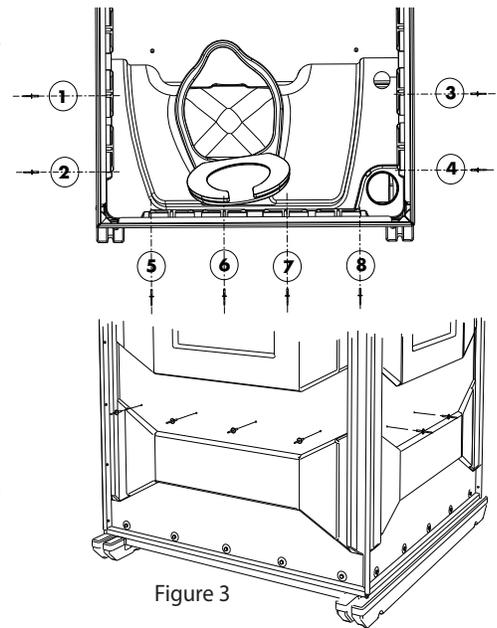
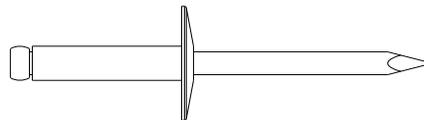


Figure 3



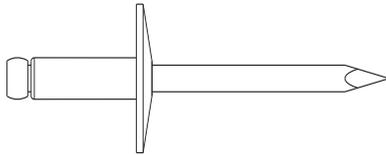
PC-000106 Washer
8 Used in this step



PC-000103 Rivet
8 Used in this step

STEP 5. ROOF INSTALLATION:

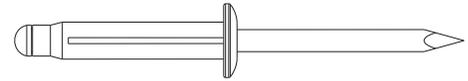
Position the roof over the wall panels making sure the hole for the tank ventilation tube is above the corresponding hole in the waste holding tank. **NOTE:** *(The three side panels are supplied with pre-drilled holes at the top center of each panel. The roof is supplied with five pre-drilled holes on each of the four edges.)* Align the pre-drilled center roof holes with those in the side and rear wall panels. Rivet the center holes in the side and rear panels with PC-000100 - Rivets from the outside while inside the restroom someone places PC-000106 - back-up washers on the rivet stems. While holding the roof firmly down, drill 13/64" holes into the remaining pre-drilled holes of the roof through the front assembly, side and rear wall panels. **WARNING! Drill only through one wall in the front panel, not all the way through the front panel. For the front of the roof;** From the outside rivet (4) PC-000105 - Rivets with (4) PC-000106 - Back-up Washers behind the heads of the rivets. **For the sides and rear of the roof;** From the outside rivet (4) PC-000100 - Rivets per side and rear panel, while inside the restroom someone places PC-000106 - back-up washers on the rivet stems.



PC-000100 Rivet
15 Used in this step



PC-000106 Washer
20 Used in this step



PC-000105 Rivet
5 Used in this step

STEP 6: FLY SCREEN INSTALLATION:

NOTE: *(There is a date stamp symbol on the surface of each vent screen, in which there are two vent screens per each of the three wall panels. The symbols should be facing inside towards the center of the wall panels.)*

For each of the three wall panels, insert one screen from each side of the vent slot overlapping the center holes (at the date stamp symbol as shown in Figure 4). **IMPORTANT - Make sure both screens together are centered in the vent slots.** Drill a 13/64" hole through the center hole of the screen and into the wall panel. Rivet the screen in place from the outside using a PC-000100 - Rivet while someone inside places a PC-000106 - Back-up Washer on the rivet stem. Using the hole at each end of the screen as a guide, drill 13/64" holes through the vent screens and into the wall panels. Rivet the screens in place using PC-000100 - Rivets on the outside while someone inside places PC-000106 - Back-up Washers on the rivet stems.

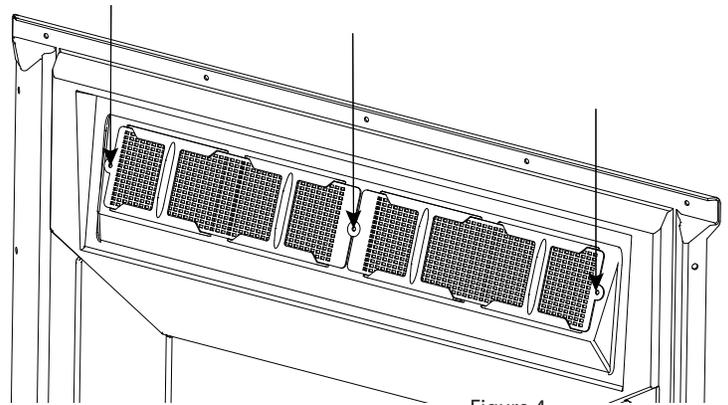
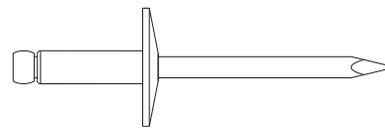
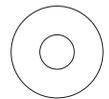


Figure 4



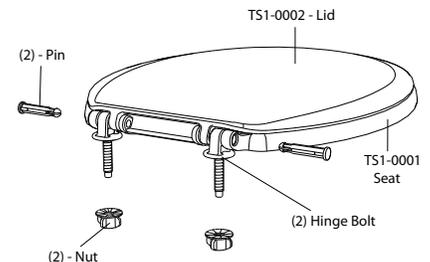
PC-000100 Rivet
9 Used in this step



PC-000106 Washer
9 Used in this step

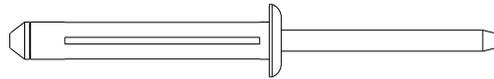
STEP 7. TOILET SEAT INSTALLATION:

Push the lid onto the seat (lining up the holes of the lid with those in the seat). Line up the holes of the hinge bolts with those in the seat/lid. From the outer edge, push the pins through the holes until flush. Place the seat/lid on to the tank (inserting the bolts through the holes in the tank). Use pliers to tighten the nuts.



STEP 8. VENTILATION STACK INSTALLATION:

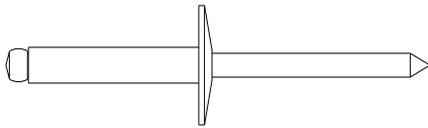
Force the vent stack up through the 4" diameter hole in the roof. (*This is intended to be a tight fit.*) Slide the vent stack down and into the 4" diameter hole in the holding tank. Drill a 13/64" hole in the center of the recess located along the ledge of the boss and through the vent stack. Rivet the vent stack in place with a PC-000117 - Rivet.



PC-000117 Rivet
1 Used in this step

STEP 9. URINAL INSTALLATION:

OMIT THIS STEP IF OPTIONAL SINK IS BEING INSTALLED ON THE LEFT SIDE WALL. Refer to Figure 5. Insert the drain spigot of the urinal into the hole on the left top surface of the holding tank. Position the urinal so that it is level. Drill 13/64" holes in the center of the two recesses located in the top of the urinal (*making sure to drill through the side wall panel*). Inside the restroom one person will rivet through the drilled holes with PC-000101 - Rivets, while outside of the restroom another person places PC-000106 - Back-up Washers on the rivet stems.



PC-000101 Rivet
2 Used in this step



PC-000106 Washer
2 Used in this step

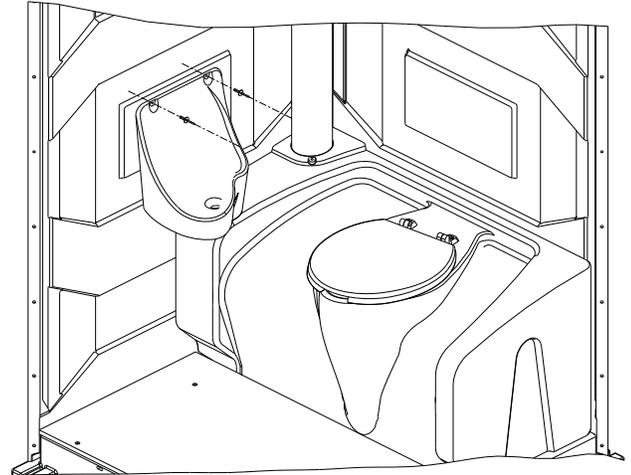
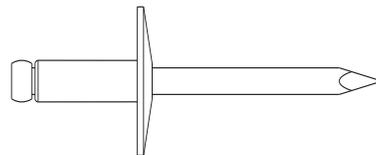


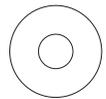
Figure 5

STEP 10. TOILET PAPER DISPENSER INSTALLATION:

Mount the PC-000490 - Toilet Paper Dispenser up on the right wall panel. Position the dispenser in the desired location of the center raised rib on the wall panel. **NOTE:** *If the sink is installed on the right wall, position the dispenser towards the rear of the panel.* **CAUTION: BE SURE THE LOCATION OF THE DISPENSER IS NOT IN THE WAY OF PERSONS USING THE RESTROOM.** Level the dispenser on the wall and use the holes in the back of the dispenser as a guide to mark the locations for drill holes. Drill four 13/64" holes into the drill spots just marked. Use awls to hold the T.P. Dispenser in place. Rivet (4) PC-000100 - Rivets from the outside, while someone inside places (4) PC-000106 - Back-up Washers on the rivet stems.



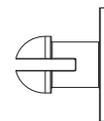
PC-000100 Rivet
4 Used in this step



PC-000106 Washer
4 Used in this step

STEP 11. MIRROR:

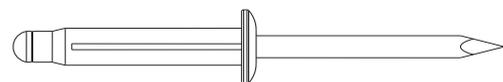
Place the mirror into the square recess towards the top on the inside of the door. Push the (4) PC-000367 - Nylon Push Fasteners into the four holes in the mirror (*this is intended to be a tight fit*).



PC-000367 Fastener
4 Used in this step

STEP 12. CONVENIENCE HOVER HANDLE:

Place the PC-000223 - Hover Handle into position on the inside of the door in the location of the two square recesses above and below the slide latch. Lift up the tabs on the handle, line up the holes in the handle with those in the door and rivet into place with (2) PC-000105 Rivets.

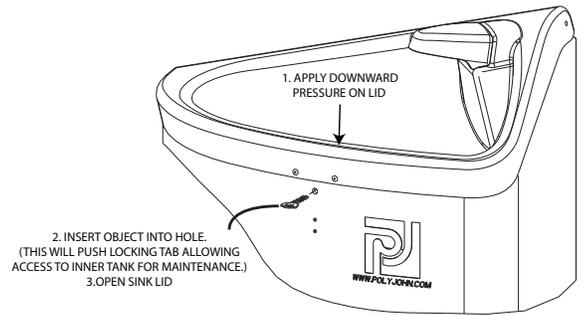


PC-000105 Rivet
2 Used in this step

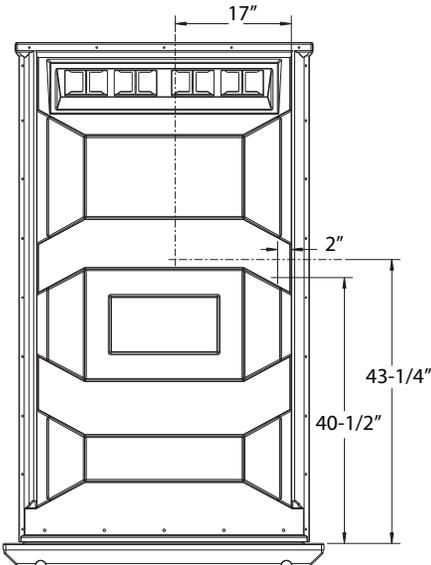
Overview of Optional Sink Installation

The sink bowl is attached to the sink tank with (2) PC-000107 - Rivets that act as hinges. There is an internal spring snap button located on the top right side of the bowl, which will hold the bowl in the up position for service and maintenance. To lower the bowl, simply depress the snap button.

To Open the Sink Top (follow instructions as illustrated on the right)



OPTIONAL SINK - INSTALLATION

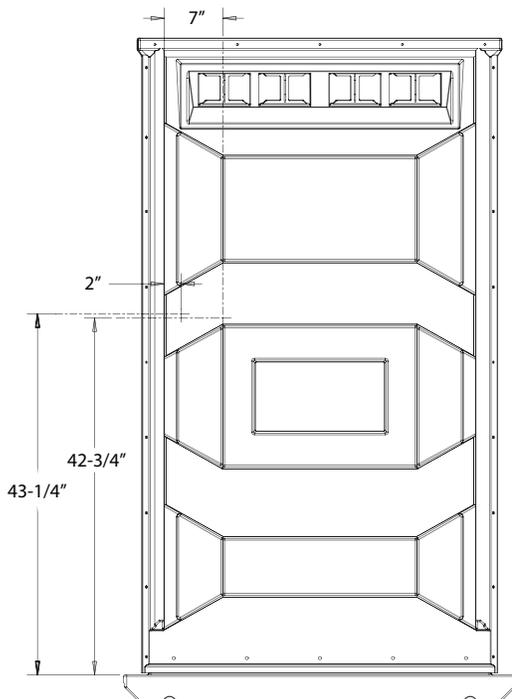
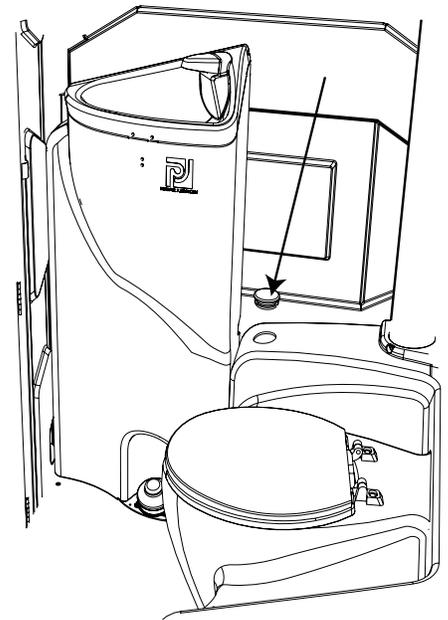


Left Wall Installation

Refer to Illustrations. Before installing the sink, a 1-1/8" drain hole that will accept the drain hose must be cut in the waste tank. This hole should be located on the top left front edge of the waste tank approximately 16-1/2" up from the floor. (As shown on the right, a 2-1/2" Plug - PC-000557, is available to cover the urinal drain hole.) **NOTE: Make sure the drain hole your cutting as indicated above is just below the urinal hole.** From the exterior, drill two 13/64" holes (as shown on the left) through the sidewall and the back of the sink, be sure the sink is pressed flat against the sidewall.

Fasten the sink to the side from the exterior with (2) PC-000103 - Rivets and (2) PC-000106 - Back-up Washers on the inside of the sink. Attach the sink to the base skid; Drive (1) PC-000158 - Self-tapping Screw in the pre-drilled

hole in the sink mounting plate. Perform a system check by adding a few gallons of water to the sink. Depress the pump a few times to "prime" it. The pump has a built in check valve that will hold the prime between uses.

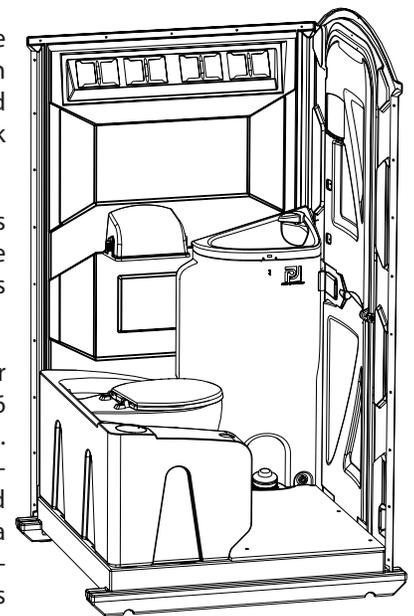


Right Wall Installation

Before installing the sink, a 1-1/8" drain hole that will accept the drain hose must be cut in the waste tank. This hole should be located on the top right front edge of the waste tank approximately 15-1/2" up from the floor.

From the exterior, drill two 13/64" holes (as shown on the left) be sure the sink is pressed flat against the sidewall.

Fasten the sink to the side from the exterior with (2) PC-000103 - Rivets and (2) PC-000106 - Back-up Washers on the inside of the sink. Attach the sink to the base skid; Drive (1) PC-000158 - Self-tapping Screw in the pre-drilled hole in the sink mounting plate. Perform a system check by adding a few gallons of water to the sink. Depress the pump a few times to "prime" it. The pump has a built in check valve that will hold the prime between uses.



Winterizing Sink (if installed)

- Drain all water from the tanks.
- Depress the foot pump to clear lines.
- Flush tank with a solution of chlorine and water.

OPTIONAL ACCESSORIES

CK01-0164 - Hand Sanitizing Dispenser
LK04-1000 - Door Lock Clip & Hasp Kit
PSN1-1000 - Single User Hand Wash Sink
TD04-1000 - PJ Paper Towel Dispenser

FD1-1000 - Hand Foam Dispenser
LS04-0001 - Liquid Soap Dispenser
PT01-1000 - Toilet "Tug-A-Long"
TU01-1000 - Single Trailer

FT02-1000 - Recirculating Flushing System
MS02-1000 - Lifting Sling Set for Plastic Skid
SU01-0001 - Convenience Shelf w/Coat Hook
TU02-1000 - Double Trailer

CLEANING AND MAINTENANCE

Use a mild soap to clean all surfaces and component parts.

Minor scratches and abrasions can be lightly sanded or scrubbed with a mild abrasive cleaner (such as "Soft Scrub") that contains calcium carbonate, hypochlorate bleach and detergents. Be sure to follow the cleaning product directions since these ingredients may cause hazardous gases when mixed with other chemicals. Rinse the cleaned area and buff with a conventional wax.

Some light scratches may also be hidden by using an industrial hot air gun.

If sink is installed add a "Fresh Sink Tablet" (chlorinated tablet) each time the sink is filled with water to keep the water fresh.

For a source of cleaning, deodorizing and paper products contact:

TerraBound Solution Inc.
20020 Hickory Twig Way
Spring, TX 77388
TOLL FREE: 1-877-857-2915
www.terraboundsolutions.com

We highly recommend membership in the Portable Sanitation Association International (PSAI); the worldwide authority on portable sanitation services. The PSAI, "Portable Sanitation Industry Certification Program" manual contains a wealth of information on standards and service procedures. For more information contact the PSAI:

PORTABLE SANITATION ASSOCIATION INTERNATIONAL (PSAI)
7800 METRO PARKWAY, SUITE 104
BLOOMINGTON, MINNESOTA 55425 USA
800-822-3020 / 612-854-8300 FAX 612-854-7560
www.pesai.org