



IMPORTANT

Please read all warnings and follow the installation instructions completely and carefully. Failure to do so may cause product failure or result in environmental contamination due to liquid leakage into the soil creating hazardous spill conditions.



WARNING - DANGER

Using electrically-operated equipment near gasoline or gasoline vapors may result in fire or explosion causing personal injury and property damage. Be sure that the working area is free from such hazards and always use proper precautions.

1 PREPARE SUMP BASE

A. Set sump base on a 2" minimum thickness layer of **approved backfill**. Check that the sump base is level in at least two directions. Refer to FIGURE 1.

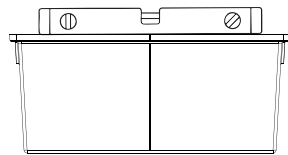


FIGURE 1

2 PIPING INSTALLATION

A. Install product piping as needed before proceeding to STEP 3. It is recommended to only install the product piping up to the tee/elbow before proceeding. The product tree (riser) will be assembled and installed in a later step.

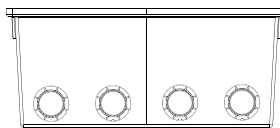


FIGURE 2

3 INSTALLING SUMP RISER

A. To determine the overall height that you will need for your sump, you can dry fit the riser to the base by simply setting it in the base's trough. By pulling a string across your excavation to represent your final grade, you can measure the height of the sump and adjust the height to ensure that top of the frame sits flush with grade. Refer to FIGURE 3.

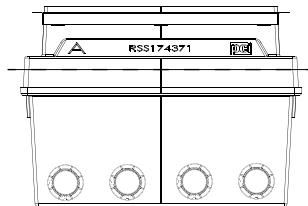


FIGURE 3

B. If needed, adjust the height of the sump by marking the distance that needs to be removed from the bottom section of the riser and cut using a saw.

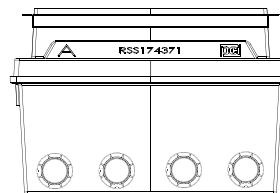


FIGURE 4

C. Test fit to make sure height has been adjusted correctly by dry fitting sump riser on the base one more time.

D. Remove the riser and sand the lower 2" of both the interior and exterior sump wall with 80# or coarser abrasive. Also sand the entire trough of the base and wipe all bonding surfaces on both components clean with Acetone to remove any debris and contaminants.

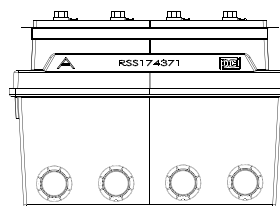


FIGURE 5

E. Drill mix the supplied E-123-AR bonding kit per labeled instructions. Pour the mixed bonding kit into the sump base epoxy trough. Lower the sump riser into the trough and twist back and forth to release any entrapped air. Allow epoxy to fully cure and cool before proceeding. Refer to FIGURE 4.

4 ASSEMBLE PRODUCT TREE

A. Attach a boss mounted emergency shut off valve to the valve mounting plate provided with the stabilizer bar kit using (3) counter-sunk cap screws.

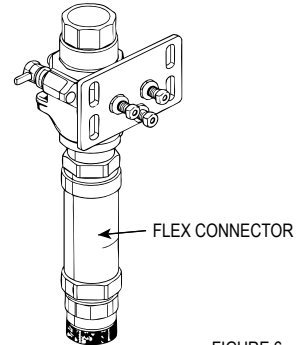


FIGURE 6

B. Determine the proper length flex connector that will be required and thread it into the bottom of the emergency shut-off valve.

C. Attach the assembled product tree to either the 90-degree elbow or tee installed in the sump in STEP 2. All piping components should be assembled and installed per manufacturers' recommendations.

D. Secure the product tree to the sump frame by installing a stabilizer bar (SVU / SVA) kit. Insert spring nuts into the Unistrut on the side of the dispenser and rotate into position. Lower the stabilizer bar between the Unistrut on the dispenser sump and loosely attach the bars to the spring nuts using the provided bolts and washers. Check to ensure spring nuts are properly inserted into the Unistrut and tighten. Place the riser with the emergency shut-off valve plate against the stabilizer bar. Using the provided (2) U-bolts, washers, and nuts, loosely mount the emergency valve to the stabilizer bar. Follow the manufacturer of the emergency shut-off valve instructions to ensure proper valve positioning. Adjust assembly as necessary and tighten securely.

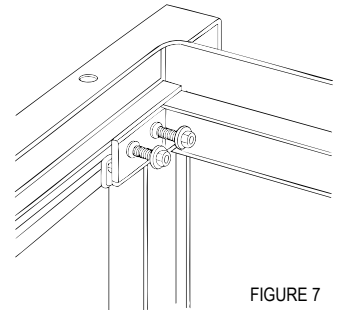


FIGURE 7

5 INSTALL ANCHOR BOLTS

Install the provided anchor bolts in the set of holes of the mounting frame that match your dispenser to be installed. **IMPORTANT: Make sure bolts are in correct holes before pouring concrete.**

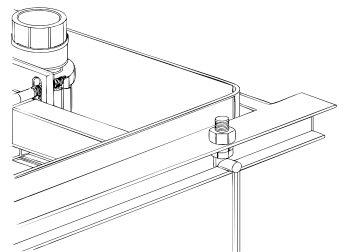


FIGURE 8

6 INSTALL CONDUIT

A. Install a conduit locator bracket on each end of the dispenser frame using the supplied hardware.

B. Conduits can be installed using the bracket on the ends of the dispenser sump without penetrating the sump wall.

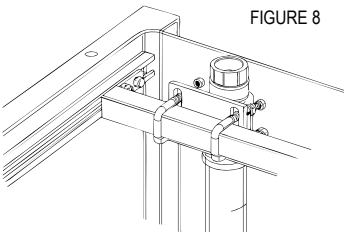


FIGURE 9

WARRANTY

PETROLEUM CONTAINMENT, INC. (PCI) WARRANTS that the Fiberglass Piping Sumps, if installed in accordance with PCI's published instructions will meet PCI's published specifications and will be free from material defects and workmanship for a period of one (1) year following the date of original delivery by PCI, provided the system is used exclusively for gasoline, ethanol, methanol, jet-fuel, av-gas, kerosene or motor oil at ambient underground temperature or used for fuel oil not to exceed 150 degrees Fahrenheit. PCI's liability under this warranty shall be limited to our option: (A) deliver a replacement part to the point of the original delivery, (B) repair of the part by PCI, or a third party of our choice; or (C) refund the original purchase price to the original purchaser. PCI shall in no way be liable for any labor, removal or installation cost, indirect or consequential damage in connection with such parts. The foregoing constitutes PCI, exclusive obligation. PCI makes no expressed or implied warranties for merchantability or fitness for any particular purpose whatsoever, except as stated above.

7 LEAK TESTING

After all prior steps have been completed, fill the sump with water and mark the water level. Test all sumps for a minimum of 8 hours in accordance with federal, state, local, and end user guidelines.

8 BACKFILLING

Backfill the area surrounding the dispenser sump with **approved backfill**. Prevent sump distortion or damage by avoiding dumping pea gravel directly onto the sump when backfilling.

