Installation Guide
For
Aero-Stream® Septic Tank Riser Pipe

For additional assistance please contact us at:

Technical Support
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OR
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P/N 102787 Rev. C

Always securely attach a watertight cover to riser. Cover must be bolted or locked to prevent access. Cover must be checked after each tank servicing. Cover must be inspected regularly for damage and security. The secondary safety barrier must be securely fastened in place at all times. The safety barrier must only be removed to gain entry into the tank by a properly credentialed professional donning appropriate safety gear.

Do not stack riser pipe higher than 50” without the consultation of a qualified engineer.

Aero-Stream kits are not rated or certified for vehicular and/or lawn utility equipment. ***Minor foot traffic only*** is recommended.

Tools Required:
- Safety Gloves/Glasses
- Utility Knife
- #3 Phillips head driver bit
- Sealant (Pipe sections >18” tall)

Butyl tape sealant kits can also be purchased directly from Aero-Stream, LLC (Toll Free 877-254-7093).

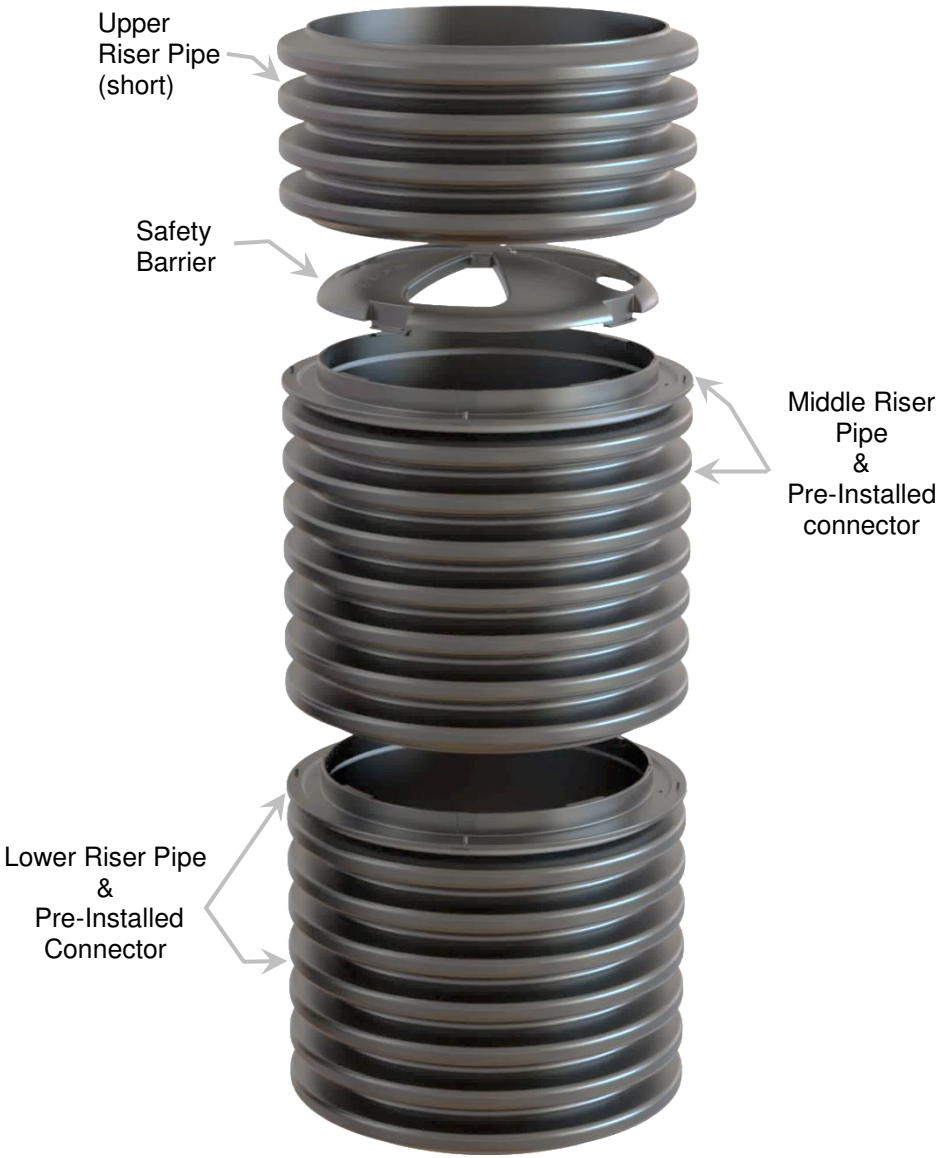
IMPORTANT! Use sanitary gloves when working with septic system components, installing equipment into the septic system or handling any equipment that has come into contact with septic effluent. Wear protective eye gear at all times during the installation process.

Overview of Aero-Stream® Septic Tank Riser Pipe

Figure 1 illustrates typical construction of pipe sections 6” – 18” tall.

Figure 2 illustrates typical construction of pipe sections 22” – 37” tall.

Figure 3 illustrates typical construction of pipe sections 40” – 50” tall.



Pipe Sections 6”-18”:

1.) Assemble connector flange by interlocking the four sections as shown in Fig 4.

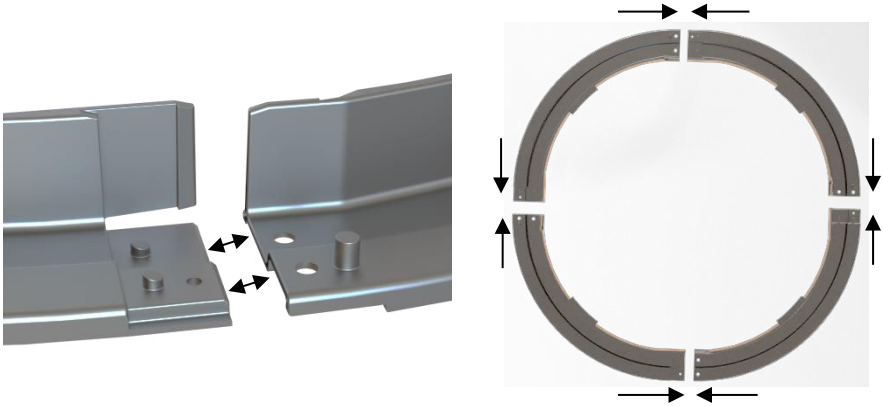


Figure 4: Assembly of connector flange

2.) Apply 77” of butyl sealant to the top of connector, overlapping and kneading the joined ends of the butyl rope together. (Fig. 5)

3.) Center the riser pipe on the connector flange so the inside gap is even all of the way around. When the even gap is achieved, lower the riser pipe onto the butyl rope. As required, make final adjustment and apply firm downward pressure to seat the riser pipe into the butyl sealant. Apply downward pressure all around riser pipe. (Fig. 5)

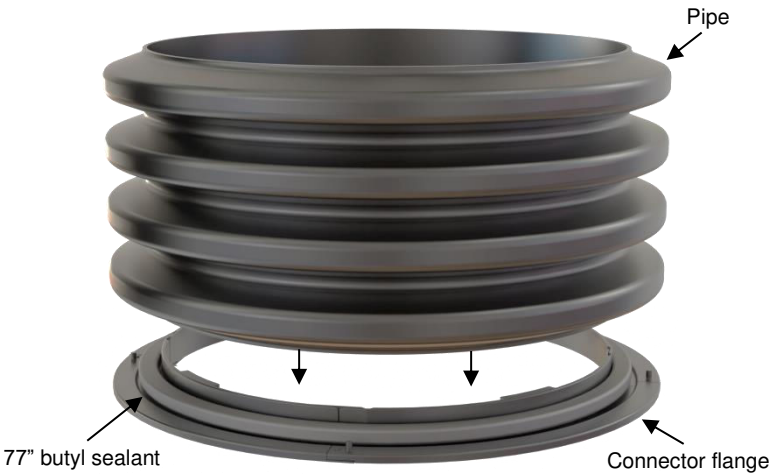


Figure 5: Installing butyl & pipe to connector

For Pipe Sections 6”-18” Skip to Step 5

Pipe Sections 22”-50”:

4.) Stack pipe sections as shown in Fig. 2 & 3. Center riser pipe on the connector flange of lower pipe section so the gap is even all of the way around. It’s recommended to seal the gap between the pipe sections using multi-purpose silicone or caulk.

5.) Locate the four (4) mounting dimples on the inside perimeter of the connector flange (Fig.6). Install four (4) screws into mounting dimples to attach the connector flange to the riser pipe. Drive the screws until the head makes contact with the connector flange & slightly compresses the flange. A ½” gap should be present between the connector & pipe.

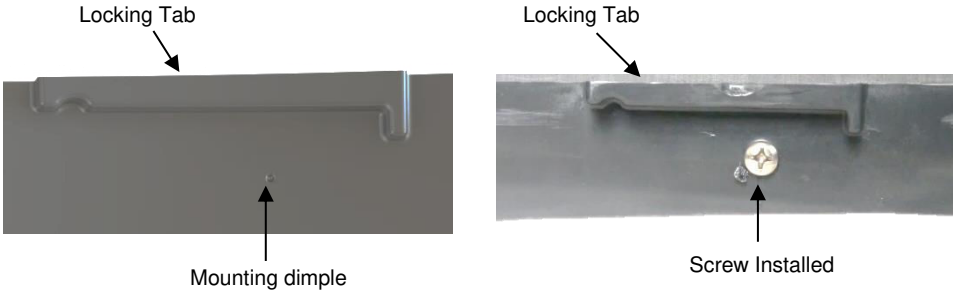


Figure 6: Screw Install

Installing Safety Barrier:

6.) Locate the four mounting tabs on the safety barrier. Insert the safety barrier into the locking tabs on connector flange. (Fig 7)

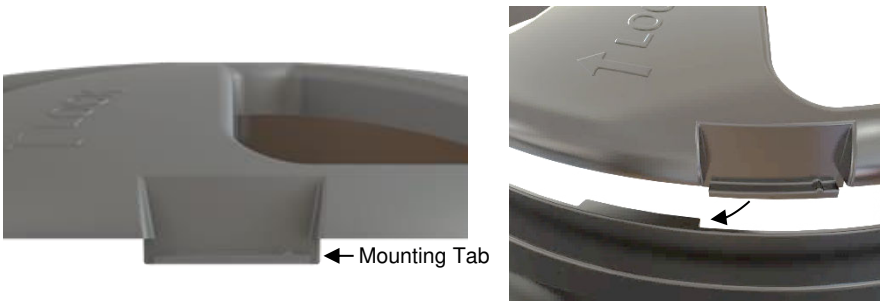


Figure 7: Safety Barrier Install

7.) Confirm all four mounting tabs are positioned with all four locking tabs. Rotate the safety barrier clockwise, the direction the “LOCK ARROW” points. A slight rap with the palm of the hands in the safety barrier triangular openings will seat the safety barrier in place.

8.) Grasp the openings of the safety barrier and pull upward. It must not dislodge from the assembly. If any of the mounting tabs are not engaged with the locking tabs, remove the safety barrier and repeat step 6 through step 8 until the safety barrier is secure. Failure to properly engage safety barrier will defeat the safety feature of device!