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RA Series External Mounting Kit Operation Manual

The RA Series aerator external mounting kit eliminates the need to install the aerators from inside the bin. By cutting a 2-5/8" x 6-3/8" hole in the bin wall, the RA aerator assembly with external mounting kit can be installed from outside of the bin.

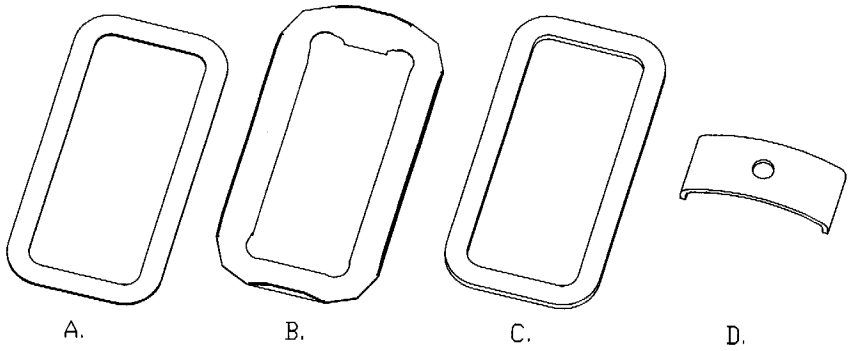
After the initial hole has been cut, the aerator pad can be assembled with the external mounting kit and inserted into the bin very quickly. There are no other holes to drill, tapping or welding. The aerator pad is sealed and securely held in place in the bin and removal is just as easy.

The RA aerators are adaptable for use on rectangular and round bins. Installation is made with the thick and thin gaskets provided within the external mounting kit (Figure 1, part "A" and "C"). For very small diameter add gasketing as required.

Installation Instructions:

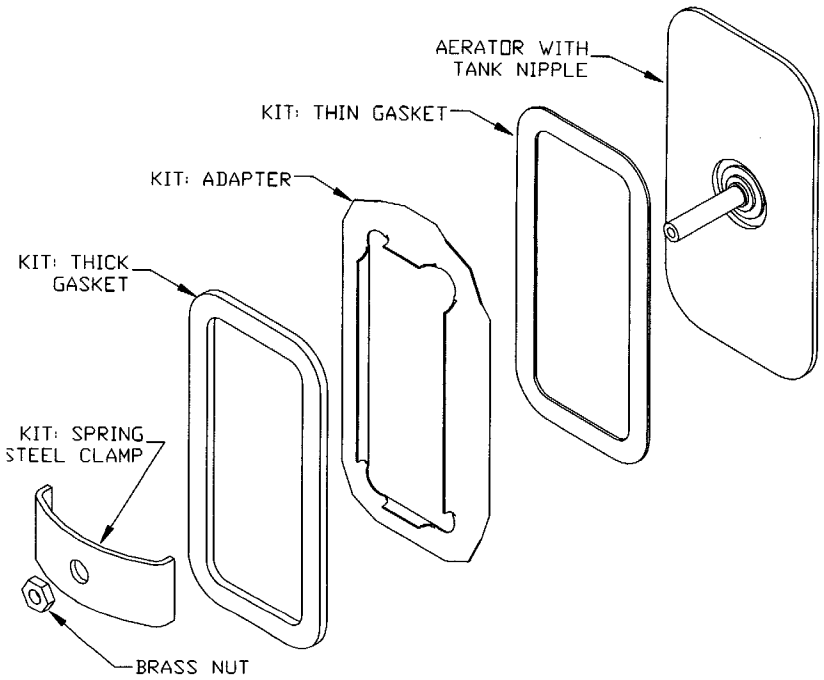
1. Cut a 2-5/8" x 6-3/8" hole in the bin wall (Refer to RA aerator pad manual for number of aerators and spacing)
2. Peel off the protective tape on one side of thin gasket (Figure 1, part "A") and attach to the front side of the adapter bracket (Figure 1, part "B").
3. Peel off the protective tape on other side of the thin gasket (Figure 1, part "A") and place aerator pad on the thin gasket. The upturned edges on adapter bracket will prevent the aerator assembly from turning in the bin.
4. Peel off the protective tape on the thick gasket (Figure 1, part "C") and attach it to the back side of the adapter bracket. The longer legs on this side of adapter bracket keep it from turning when the assembly is placed in the bin wall opening.
5. Insert the air inlet tank nipple into the aerator and tighten (do not over tighten). The end with fewer threads goes into the aerator. If the air inlet tank nipple is not secure in the aerator, it may unthread when the aerator is removed from bin.
6. Slip the clamp bracket (Figure 1, part D) over the air inlet tank nipple with legs toward the aerator pad and thread on the nickel plated brass locking jam nut.
7. Holding the aerator pad assembly by the air inlet tank nipple, slip the entire assembly through the rectangular cutout in bin wall. Align the assembly properly in the cutout. Rotate the clamp bracket to span the cutout opening and tighten locknut. The aerator pad assembly is now securely held in place and the cutout in the bin wall is sealed (Figure 3).

Figure 1: External Mounting Kit Components



A. Thin gasket with adhesive both on both sides
B. Adapter bracket (front or aerator pad side shown)
C. Thick gasket with adhesive on one side only
D. Clamp bracket

Figure 2: RA Aerator Assembly with External Mounting Kit



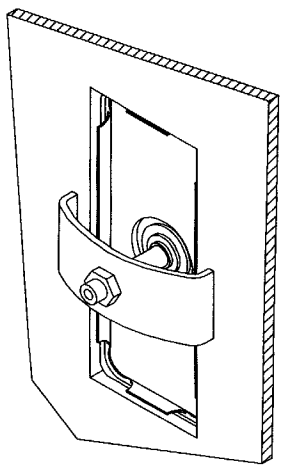


Figure 3: Aerator Assembly Installed in Bin Wall