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Attaching Accessory Mounting system to vinyl chamber

Kit Includes

- 1 Interior Mounting Plate
- 1 Exterior Mounting Plate
- 6 x ¼” Screws
- 6 Acorn nuts and 6 Washers
- Tube of Silicone
- 2 Wood Screws with Washer

Tools needed to perform this installation:

Electric drill gun, utility knife, channel locks, calk gun, crescent wrench, soft paper towel and alcohol to clean excess silicone.

1. Mount the Exterior Mounting plate to the chamber base by positioning it on the base behind the airlock. Remember the vinyl should be flush against this plate without severe stretching or wrinkling.
2. When positioned to your satisfaction drill the wood screws through the Exterior Mounting Plate Base. To The Base of the chamber
3. Place a ¼” bead of silicone around every hole and along the edges of both the Interior Mounting and Exterior mounting Plates. Position the vinyl over the Exterior Mounting plate. Remove all wrinkles and press the vinyl against the silicone on the Exterior Mounting Plate.
4. Now crawl into the chamber through the large equipment entry port with the 6 screws, a screw driver, paper towels, Isopropyl Alcohol, and Interior Mounting Plate.

NOTE: All sharp objects should be removed from your pockets. Belt buckles and shoes should also be removed prior to climbing into the chamber.

5. Now place the Interior Mounting Plate over the Exterior Mounting Plate screw in place. You must have a second person to hold the Acorn nuts from the outside of the chamber to finish connecting the plates.
6. Wipe off any excess silicone using the Alcohol and paper towels.
7. Now you will need to cut out all the vinyl material inside each hole so you can insert the 2 pressure relief valves, 2 sensor ports and 1 gas inlet.

IMPORTANT: A small amount of silicone is needed to be placed around each hole on the exterior of the Exterior Mounting plate to seal the sensor ports, pressure relief valves and gas inlet. Tighten each of these from within the chamber using a channel lock or large crescent wrench. Do not over tighten which could strip the plastic threads.

8. To test the unit for leaks reassemble the chamber and inflate until the arms are sticking out. Let the chamber sit for a minimum of 2 hours. If there is no change in the position of the arms this is a sign that the chamber is leak proof and your installation was a success.

Drawings of Mounting Plate

