



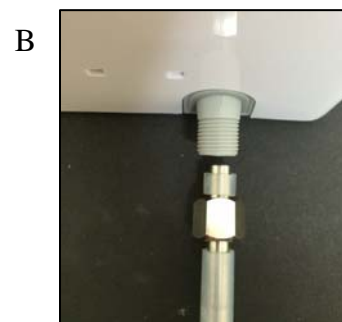
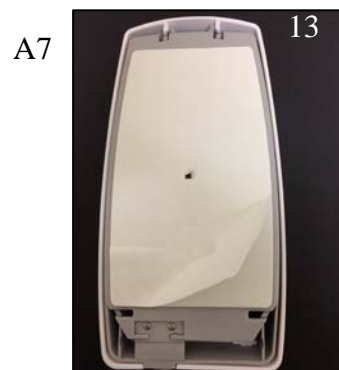
MicroDrip Dispenser Instructions

For use in food service facility drain lines, professionally serviced residential drain lines, and other appropriate drain lines. The *MicroDrip* injection system is programmed to inject a metered dose of highly concentrated microbial solution to provide a continual microbial presence in treated drain lines. This continuous dosing of the drain line maximizes microbial effectiveness. Use *MicroDrip* refill cartridges with the *MicroDrip* Dispenser.

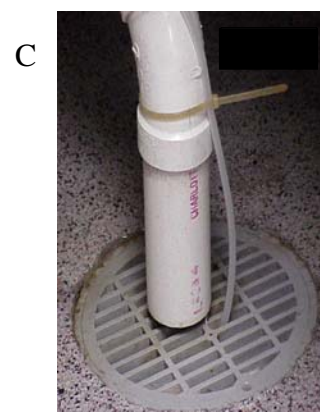
Dispenser is 4.65" wide x 9" high x 3.15" deep and needs 9" clearance for the door to open.

Tools needed: Cordless drill, 3/8" & 1/4" drill bits, crescent wrench, 2 C-cell batteries, 11" zip ties, degreasing cleaner

- A. Mounting the dispenser (1). It is recommended when installing the dispenser to use the adhesive pad as well as screws when mounting the dispenser to the wall. If unable to screw the dispenser to the wall, installation may be accomplished using the adhesive pad only.
 1. Clean the wall with a degreasing cleaner then wipe with the alcohol prep pad (10).
 2. Open door with key (8) attached to back of dispenser.
 3. Mark the spot on the wall where you will drill the pilot hole.
 4. Drill 1/4" hole using appropriate type drill bit.
 5. Insert large wall anchor (7) into hole and hammer it flush to wall.
 6. Insert large mounting screw (6) into the wall anchor leaving 1/4" exposed.
 7. Remove paper attached to 1 side of adhesive pad (13). Stick the pad on the back of the dispenser. Remove paper from second side of pad.
 8. Mount dispenser to wall by poking the screw in the wall through the adhesive pad.
 9. Tighten the screw to secure dispenser to wall.
- B. Install the drip tube (2)
 1. Push end with metal tip, hex nut, and plastic adapter into the bottom of the dispenser.
 2. Tighten nut with hex wrench (9).
 3. Secure the drip tube to the wall with P clips (3) using small mounting screws (6) and small wall anchors (7).
- C. Open Air Gap Drain installation
 1. For this type of installation the compression fitting (12) is not necessary and should be removed from the end of the drip tube.
 2. Ensure the drip tube runs several inches into the floor drain. Secure the drip tube to the pipe at several locations with zip ties to ensure the tubing does not come loose.
- D. Closed Drain installation – (picture on page 2)
 1. Identify an injection point into the drain pipe that is as close to the dispenser as feasible.
 2. Drill a 3/8" hole into the top of the drain line. (Do not drill into cast iron, it will crack)
 3. Screw the base of the compression fitting (12) into the hole using an open end wrench.
 4. Cut any excess drip tubing off, leaving sufficient length to span from the dispenser to the injection point. After cutting off excess place compression fitting back onto the end of the drip tube.
 5. Fit the end of the drip tube over the tip of the compression fitting base then slide the compression fitting cap onto the base and hand tighten.
 6. Tighten the compression tip to the base using an open end wrench.
 7. Use zip ties to secure the drip tube to the drain pipe at several points if necessary.



Open Air Gap Installation



E. Operating the dispenser

1. Insert 2 "C" cell alkaline batteries (not included).
2. Insert a MicroDrip cartridge into the dispenser by aligning the actuator on the cartridge into the green actuator adapter. Ensure the green actuator adapter is firmly in place. (an extra adapter has been provided)
3. Press the **RED POWER** button. The display will appear in the LCD screen.
4. Press the **BLACK ENTER** button to cycle the dispenser, there will be a 5 second delay. Cycle the dispenser multiple times by pressing the **BLACK ENTER** button until you see a drop of liquid enter the drip tube.
5. Press the **GREEN RENT** button until the LCD displays 30 indicating the dispenser is set for a 30 day cycle. When the 30 displays it will remain for 4 seconds and then revert to next spray countdown. (countdown default is 14:00 minutes)
6. Close the cover to lock the dispenser unit.
7. **WARNING:** If an alarm sounds check to make sure the green actuator adapter is firmly in place, batteries are placed properly and the cartridge is securely in place.

F. Monthly Service - Changing the Cartridge

1. Replace the cartridge monthly, following the instructions above E2 – E6. (DO NOT remove the green adapter)
2. Check the drip tube to ensure it has not come loose and is still secure at the injection point.
3. Check the drip tube to ensure there are no blockages. If necessary replace the drip tube.
4. Replace batteries twice a year or as needed. Each time batteries are replaced the **GREEN RENT** button must be pressed until the LCD displays 30 to reset the timer.

Closed Drain Installation

D



E1



E2



E3 Power Button
(Turns unit on and off)

E4 Enter Button
(Quick cycles)

E5 Rent Button
(Programing options)



Placement Considerations:

To avoid water damage and possible malfunction, the *MicroDrip* units should be installed outside splash zones. In order for the *MicroDrip* unit to achieve optimal results, it should be installed in drain lines with daily water flow.

When installing *MicroDrip* units in three-compartment sinks:

- Install dispenser AFTER the grease trap if the grease trap is ABOVE ground.
- Install dispenser BEFORE the grease trap if the grease trap is BELOW ground.
- If there is FOUL ODOR from the grease trap – Use a Drain Relief Pill in addition to the *MicroDrip*. Mash the Drain Relief Pill down the sink that leads to the grease trap.
- DO NOT treat dishwasher drain lines for 8-10 ft from the dishwasher. Most are 140° or higher and will liquefy grease and keep the drain line clear.

More information available at www.microdrip.com and www.biostim.com.
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