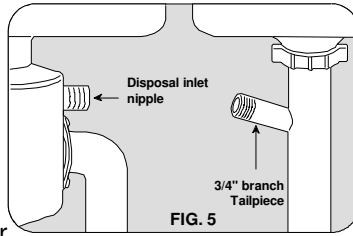10. Connect the air gap drain outlet to the garbage disposal drain inlet by using a length of 7/8-inch dishwasher drain line hose and two non-rust hose clamps. The ET200 model air gap may also be discharged into a 1-1/2-inch x 3/4-inch branch tailpiece in the absence of a garbage disposal. (See Fig. 5). For best results, clean out the inside of the disposal nipple by reaming with a screwdriver. Install the drain hose as short and direct as possible with no kinks or sags and ensure that the disposal or branch tailpiece drain inlet connection is low enough to accommodate the gravity-fed air gap drain.

Disposal inlet nipple

3/4" branch Tailpiece

FIG. 5

IMPORTANT:
Remove the knock-out plug from the disposal inlet nipple. Knock out the plug inside the disposal nipple by using a hammer and flat screwdriver. Tap away all edges of the knock-out plug until only a round hole remains. Remove all pieces of plug left inside disposal after ensuring that power has been disconnected. Run fingers carefully around the bottom circumference of the chamber to search for any hidden fragments.

(See Caution below)

CAUTION: The installer is urged to exercise extreme caution whenever reaching hand inside the disposal. After confirming that power has absolutely been turned off (and will stay off until the job is done), use extra care that fingers are not cut on any sharp surfaces.

REPLACEMENT INSTALLATION
(To replace an existing dishwasher airgap with the ET200 model)

1. Remove both inlet and outlet drain hoses from existing dishwasher air gap and save the hose clamps for reassembly.
2. Remove the existing air gap from the sink or countertop and prepare a clean surface for the installation of the new ET200 model.
3. Follow instructions 2 through 10 above.

MAINTENANCE:
Dishwasher air gaps may become clogged with leftover food debris escaping the dishwasher filtering mechanism. The ET200 model was designed to be easily cleaned in the event of a clog. To clear a blockage that has become logged in the inner cap spillway, pull off the cover cap and unscrew the top cap nut. Remove the inner cap by sliding it straight up to remove any trapped food particles. Then carefully replace the inner cap the same way it was removed, taking care to align the vertical spline on the cap to the channel in the air gap chamber. Make sure the custom O-ring is still properly seated in its original position, and re-secure the top cap nut before replacing the cover cap.

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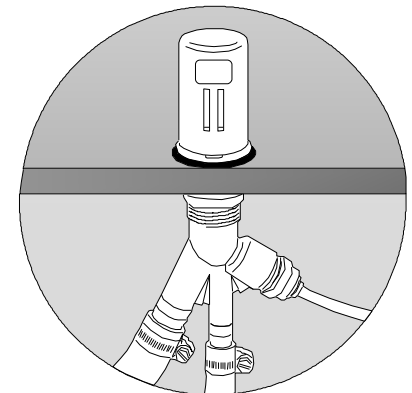
AIRGAP

Placentia, California

8 10732 03115 5

Model:

ET200-001
(DLA-TAG™)
DISHWASHER AND RO
AIR GAP

MADE IN USA

UPC ®

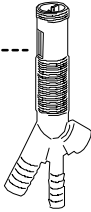►Combination Dishwasher Airgap For Reserve Osmosis and Water Softener Appliances

ET200-001
Installation Procedures
For Combination Dishwasher Twin Air Gap

LIST OF PARTS ENCLOSED

1 – Twin Air Gap Main Body

1 – Chrome Plated Twin Air Gap Cover Cap

1 – Twin Air Gap Inner Cap

1 – Inner Cap Seal O-Ring

1 – ½" Male Thread X ¼" Push-In Quick connect

1 – Cap Compression Top Nut

1 – Deck Mount Middle Nut

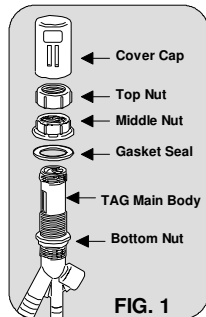1 – Under-counter Bottom Nut

1 – Deck Mount Gasket Seal

• The ET200 Series provides a multipurpose twin inlet airgap for the installation of a reverse osmosis, water softener or dual drain dishwasher appliance.

• Replacing an existing dishwasher airgap with ET200 model allows the installer to use a non-airgap faucet.

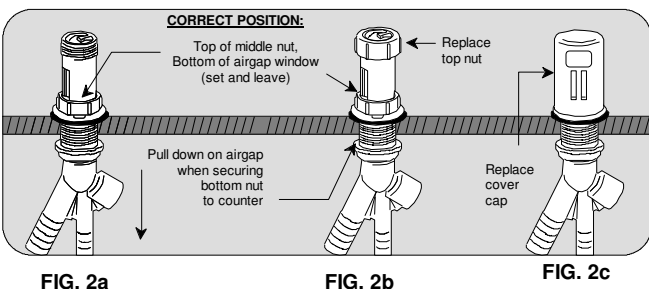
NEW INSTALLATION

1. <u>Determine</u> a suitable location to make a 1-1/2 inch hole in the sink or countertop if one is not already available. The tool used to make the hole will depend on the sink or countertop material. For stainless steel sinks, use a 1-1/2-inch chasse punch. For enameled cast iron sinks or custom countertop materials, use a Relton drill set. Follow the cutting tool manufacturer-recommended instructions carefully, or have the hole cut by a professional.

2. <u>Pull</u> off the TAG cover cap and unscrew the top nut leaving the inner cap and O-Ring in place. Screw the bottom nut further down the body of the air gap to leave sufficient length for the air gap protruding up through the 1 -1/2 inch hole from underneath. (See Fig.1)

Cover Cap
Top Nut
Middle Nut
Gasket Seal
TAG Main Body
Bottom Nut

FIG. 1

3. <u>Insert</u> the airgap up through the hole from under the sink and install the gasket seal and middle nut. Screw the middle nut down until the Top of the nut meets the Bottom of the airgap window on the main body. DO NOT tighten or secure the airgap to the sink with the middle nut. (See Fig. 2a)

4. Orient the bottom of the air gap inlets and outlet under the sink as desired. Then install the air gap to the sink by pulling down on the air gap while tightening the bottom nut clockwise. (See Figs. 2a & b) Secure the air gap firmly to the sink so that it will not rotate. but DO NOT OVER-TIGHTEN.

CORRECT POSITION:
Top of middle nut, Bottom of airgap window (set and leave)
Pull down on airgap when securing bottom nut to counter
Replace top nut
Replace cover cap

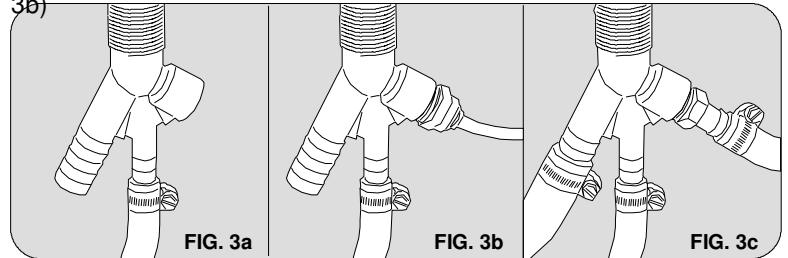**FIG. 2a**   **FIG. 2b**   **FIG. 2c**

5. <u>Replace</u> the top nut on the main body (over the inner cap and O-ring) tight enough to prevent any leaks during the operation of the airgap. (See Fig. 2b) Then replace the cover cap until it seats fully onto the middle nut. Rotate the cover cap so that the two airgap ports face the sink. (See Fig. 2c)

6. <u>Connect</u> the dishwasher drain hose to the 5/8-inch middle inlet barb at the bottom of the air gap with a non-rust hose clamp. (See Fig 3a)

NOTE: the ET200-001 model comes with a push-in fitting adapter for RO drain tubing .

7. <u>Connect</u> the RO drain push-in adapter by applying Teflon tape to the 1/2-inch male thread before screwing the adapter into the threaded 1/2-inch female inlet. DO NOT OVER-TIGHTEN. (See Fig. 3b)

FIG. 3a   **FIG. 3b**   **FIG. 3c**

8. <u>Connect</u> the RO drain tube to the push-in adapter: Tubing must seat fully past O-ring into the bottom of the socket. Verify tube surface is free of scratches, and tube end has a square cut. The tube may be removed by depressing the push-in collet evenly against the adapter, then pulling the tube out in the opposite direction at the same time. (See Fig. 4)

9. <u>Dual</u> dishwasher and water softener drain lines may be connected to the 1/2-inch threaded female inlet by using an appropriately sized barb or push-in adapter. (See Fig. 3c)

FIG. 4
Speed Fit / Push-in Connector

Push tube straight past O-ring to bottom.

FIG. 4a

Tube is secured in position.

FIG. 4b

Push in collet to release tube

FIG. 4c