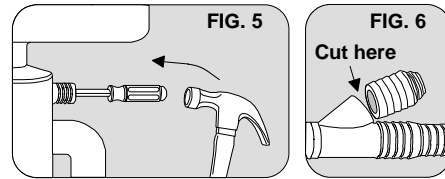


## CONFIGURATION – B Installation (without Dishwasher)

1. 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. (See Fig.5)



2. Remove all pieces of plug left inside the disposal after ensuring that the power has been disconnected. Run fingers carefully around bottom circumference of chamber to search for any hidden fragments. (See Caution below)

3. Cut off the “wye branch” of the ET116-002 with a hacksaw. Use the grooved “cut line” provided, then smooth away any burrs. (See Fig.6)

4. Follow instructions 5, 6, & 10 of Configuration – A to complete the installation. (Only the “cut branch” will be used in instruction 6, discarding the leftover section of adapter... See Fig. 7)

5. After reconnecting the power supply, test to see that disposal is clear. Quickly turn switch on then off and listen for sound of any fragments. If an obstruction is heard, disconnect power and repeat instruction 2 above until disposal is clear.

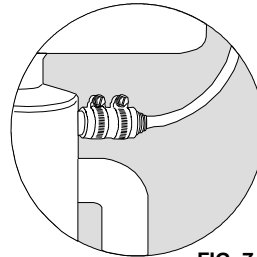


FIG. 7

### CAUTION:

The installer is urged to exercise extreme caution whenever reaching hand inside disposal. After confirming that power has absolutely been turned off (and will stay off until job is done), use extra care that fingers are not cut on any sharp surfaces. Also, caution should be taken to avoid “over-tightening” screw type hose clamps.

### AVOID SIPHONING RO reject water into dishwasher.

(See important details below)

### IMPORTANT:

The ET116-002 is designed to be used downstream of an approved airgap faucet and dishwasher airgap (when installed in conjunction with a dishwasher). Most dishwashers have a built-in check valve, but these often fail. Some States require the installation of a manufactured dishwasher airgap, while other states permit the drain hose to loop up from the dishwasher to the underside of the sink before descending to the disposal (See Fig. 3). Do not install a ET116-002 (with dishwasher) in the absence of one of these types of airgaps – use a ET109-002 or ET112-002.

**NOTE:** To connect a reverse osmosis reject water drain line to the plumbing of a single or double compartment sink without a disposal, please request a ET112-002.

Serving the  
Reverse Osmosis  
Water Treatment Industry

MADE IN USA



# AIR GAP

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# Model: ET116-002 ( DLA-D<sup>TM</sup> )

Pat. No. 5,635,058

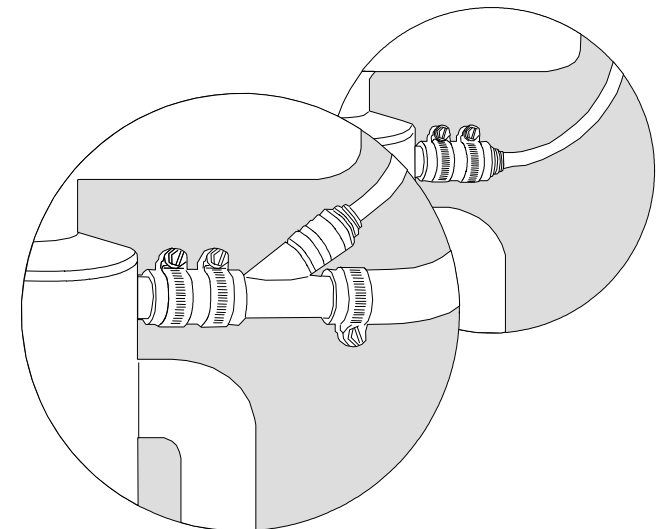
MADE IN USA

## Reverse Osmosis DRAIN LINE ADAPTER

► For Disposal Connection with or  
without Dishwasher



Part No.  
ET116-002  
(D-38QC)

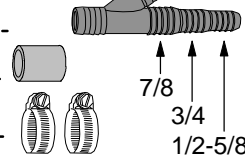


# ET116-002

## Installation Procedures

For Disposal Connection with or without Dishwasher

### LIST OF PARTS ENCLOSED

- 1 – Drain Line Adapter with Push-In Connector ET116-002 -----
- 1 – Hose Coupler -----
- 2 – Marine Stainless Steel Hose Clamps -----
- 

•The ET116-002 provides an IAPMO / UPC listed alternative to the use of the drain saddle which is a prohibited fitting in the United States.

• To install the ET116-002 reverse osmosis reject water Drain Line Adapter, follow these instructions.

Please read the instructions once through before starting.

### CONFIGURATION – A Installation (with Dishwasher)

1. Disconnect the power supply to the disposal by unplugging the cord under the sink, or shutting off the circuit breaker before starting work. (Do this for configuration A & B)

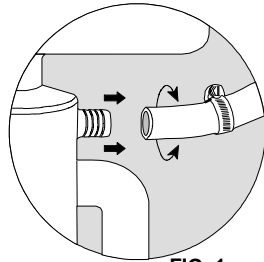


FIG. 1

2. Remove dishwasher drain hose from disposal by unscrewing hose clamp, or expanding spring clamp with pliers. Move clamp away from disposal nipple, then twist hose back and forth while pulling away from disposal to separate. (See Fig. 1)

3. Universal barbs on the ET116-002 will accommodate the various dishwasher hoses encountered. Determine which size is required by sliding open end of the hose over stepped barbs until one fits snugly. If the hose fits snugly over the middle or largest barb, you must cut away the smaller barb(s) with a hacksaw. Use the grooved "cut lines" provided, then smooth away any burrs. (See Fig. 2a)

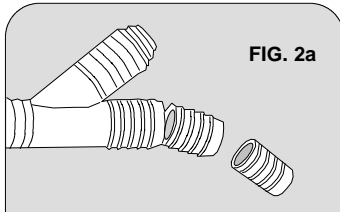


FIG. 2a

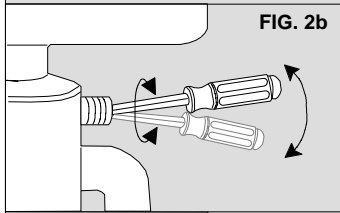


FIG. 2b

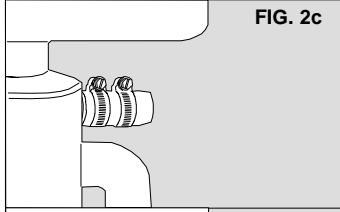


FIG. 2c

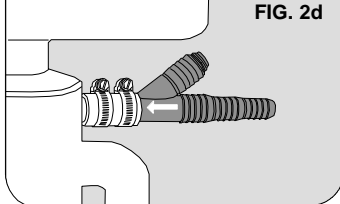


FIG. 2d

4. Scrape the inside of the exposed disposal nipple with a screwdriver to remove any build up caused by dishwasher. (See Fig. 2b)

5. Mount hose coupler (provided) one inch over disposal nipple. Then slip both new stainless steel hose clamps (provided) loosely over hose coupler. (See Fig. 2c)

6. Point arrows of ET116-002 toward disposal and slide barbs into remaining one inch of the hose coupler until firmly seated against the disposal nipple. Orient the "wye branch" in a vertical position to receive RO drain tube. Tighten both hose clamps securely over hose coupler so that the ET116-002 is solidly mounted on disposal. (See Fig. 2d)

7. Lift the tail of adapter slightly higher than horizontal, and position semi-taut hose behind it. Take a measurement on the hose against the selected barb. (See Fig. 3)

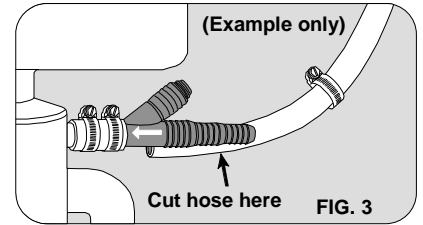


FIG. 3

8. Cut off excess hose squarely with sharp knife. Reuse original spring or hose type clamp by sliding loosely over hose. (See Fig. 3)

9. Twist hose over selected barb, then slide hose clamp down and tighten securely. (See Large Cover Illustration)

Note: Use tautness of dishwasher hose to keep tail of adapter slightly above horizontal... this is important for proper drainage and a clog free installation. If dishwasher hose material cannot be easily shortened or it is undesirable to do so, attach uncut end of hose to adapter, then tie up remaining slack with suitable material.

10. Insert RO 3/8" drain tube into Push in connector to complete the installation (See Fig. 4), then reconnect the power supply to disposal.

Problem: In some instances, the disposal may be oriented away from the airgap faucet. Solution: redirect the ET116-002 using a 3/4" copper 45° or 90° elbow between the disposal and ET116-002 as desired (requires an extra hose coupler and two hose clamps).

FIG. 4 Quick Connect / Push-in Connector

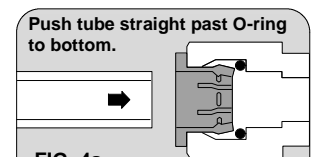


FIG. 4a

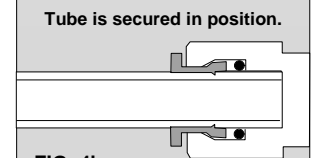


FIG. 4b

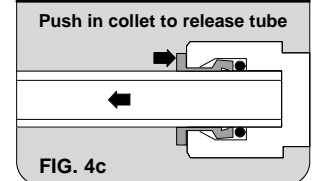


FIG. 4c