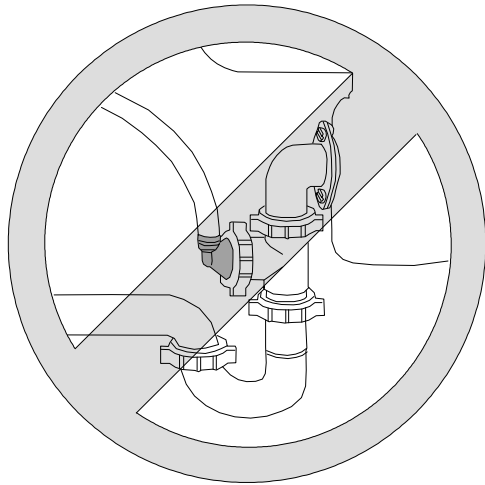


**CONFIGURATION – B (Not Recommended)**

For best results, use Configuration – A only



CONFIGURATION-B

**CAUTION:** Be careful not to overtighten any nuts on plastic fittings.

**NOTE:** To connect reverse osmosis reject water drain line to the plumbing of a single compartment sink without disposal, or a double compartment sink, please request an ET112-003.

Drain saddle fittings are prohibited in the United States.

The ET109-003 is designed to be used downstream of an approved air gap.

Serving the  
Reverse Osmosis  
Water Treatment Industry



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MADE IN USA  
ASTM F 409



Model:

**ET109-003**

**REVERSE OSMOSIS  
DRAIN LINE ADAPTER**

Pat. No. 5,449,456

Pat. No. 5,681,459

Pat. No. 5,944,985

Pat. No. 6,193,879

**MADE IN USA**

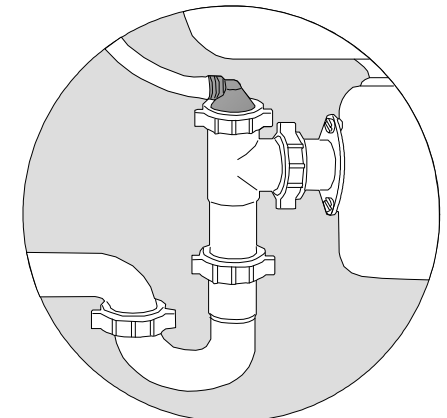
► For Single Compartment  
Sink with Disposal



ASTM F 409

Old Part Number:

9-50B  
DLA-9™


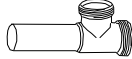
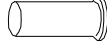




# ET109-003

## Installation Procedures

For Single Compartment Sink with Disposal

### LIST OF PARTS ENCLOSED

1 – Drain Line Adapter with 1/2-inch Barb Connection .....	
1 – Disposal (Baffle) Tee.....	
1 – Flanged Tailpiece.....	
2 – Slip Joint Wing Nuts.....	
2 – Slip Joint Beveled Washers.....	

• **The ET109-003 converts the plumbing of a single sink/disposal installation to receive the reject water from an under-counter reverse osmosis appliance.**

• **To install the ET109-003 reverse osmosis reject water Drain Line Adapter, follow these instructions.**

### CONFIGURATION – A (Recommended)

1. Remove disposal ell and J-bend from disposal and trap. Use a bowl to catch trap water. (See Fig. 1)

2. Cut new flanged tailpiece (provided) leaving approximately 1-1/2 to 2 inches from the flange, so that when positioned between disposal and disposal tee (provided), the tailpiece of the tee will line up and insert into J-bend of a trap. (See Figs. 2a & 2c)

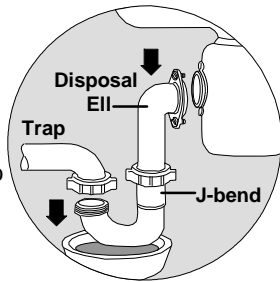
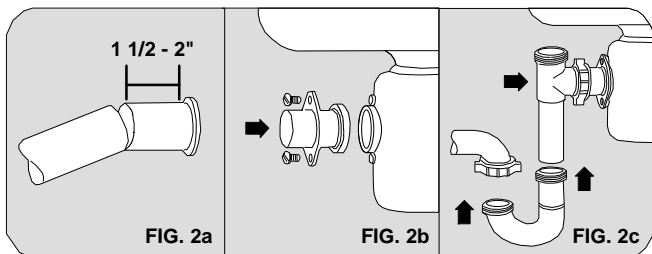


FIG. 1

Always ensure that tube ends are cut squarely and inserted into the bottom of all slip joint sockets.



**NOTE:** in some cases, it may be necessary to rotate the disposal and J-bend to gain the distance required to line up the new disposal tee. To do this, loosen the disposal locking ring, turn disposal as desired, then tighten.

3. Reuse rubber gasket from disposal ell by mounting on the flange of the new tailpiece. (See Fig. 2b)

4. Insert a new drain line adapter with barb (provided) into the top of the disposal tee until it firmly seats on the bottom of the socket. Gently secure with slip-joint washer and wing nut (provided). (See Fig. 3)

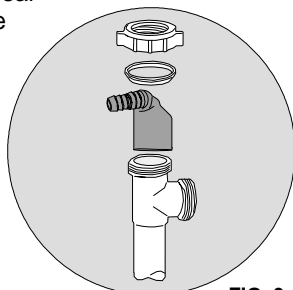


FIG. 3 -OVER-

5. Mount gasket end of the cut tailpiece to disposal in the reverse order that disposal ell was removed (See Fig. 2b). Then install side outlet of disposal tee securely onto the cut end of tailpiece with S.J. washer and wing nut (provided). (See Fig. 2c)

6. Replace J-bend by sliding onto trap and tailpiece of disposal tee simultaneously. Secure tightly by reusing original S.J. nuts and washer. (See Fig. 2c & 4)

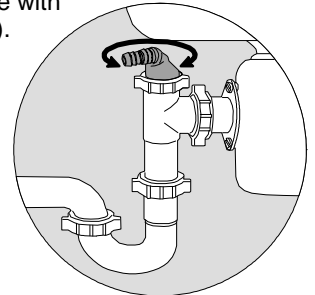


FIG. 4

7. Rotate barb connector towards incoming reject water drain tubing and secure tightly with the wing nut. (See Fig. 4)

8. Insert 1/2-inch drain tubing over the barb connector to complete the installation.

### IMPORTANT:

- Use only high quality 1/2-inch tubing and roundness with no nicks or scratches.
- Always make a clean square cut if necessary, using a plastic tubing cutter or sharp razor knife.

### CAUTION:

- For a leak-free connection, the tubing must sit fully up to the third barb. (See Fig. 5)
- Check that connection is leak free.

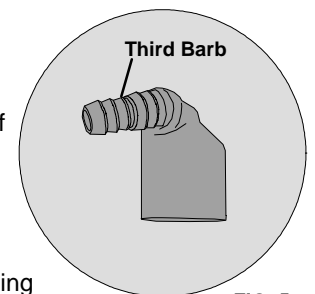


FIG. 5