

# Clack Plated Tanks *Filling Instructions*



Clack<sup>®</sup> <sup>®</sup>

# Tools

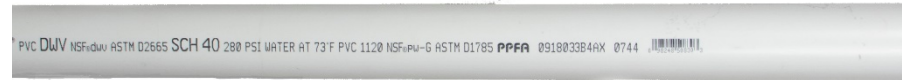
## Purchase parts from Clack Corp:

Qty	Part #	Description
2	U1006	Funnel
1	D1335	Mid Plate Tool



## Other parts needed:

Qty	Description
2	SCH 40 PVC Pipe
1	SCH 40 PVC Pipe Reducer 2.5" to 2"
1	Distributor Plug



# Assembling Tools



Using an ALL PURPOSE CEMENT, attach the 2.5"x 2" SCH 40 Reducer to the bottom of one of the funnels.

Using an ALL PURPOSE CEMENT, attach the Mid Plate Tool onto a 2" SCH 40 PVC pipe.

NOTE: The length of PVC pipe will be determined based on Mid Plate location. This length of pipe must extend above the top of the tank far enough to be able to twist the Mid Plate Plug into the Mid Plate.



Set both items to the side and let dry per the manufacturer specs on the CEMENT used.

# Filling Bottom Chamber

## Distributor Riser Tube Installation

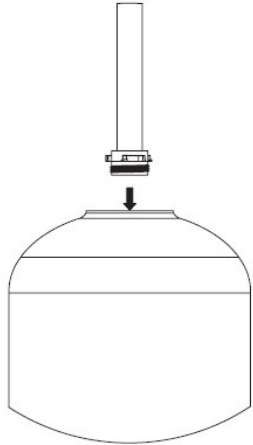


Figure A

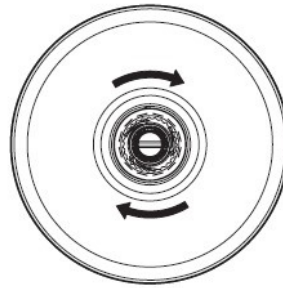


Figure B

- 1- Pick properly sized Distributor Riser Tube based on Valve and Tank Size.
- 2- Insert Riser Tube threaded side down into the tank. (See Figure A)
- 3- Align the threaded end with the threaded hole in the center of plate.
- 4- Turn the Distributor Riser Tube Counterclockwise to line up threads.
- 5- Turn clockwise to start thread engagement. (See Figure B)
- 6- Continue to thread into plate until tight.

Note: Prior to the Distributor Tube being fully threaded into the plate, a clicking sound will start. This clicking sound is the Distributor Tube Lock engaging and will lock the Distributor Tube in place and prevent it from being unscrewed when a valve or head is being removed.



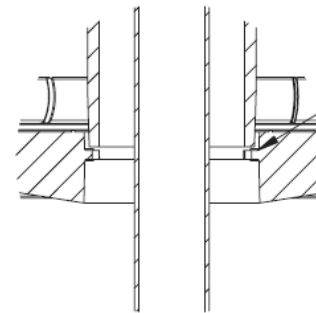
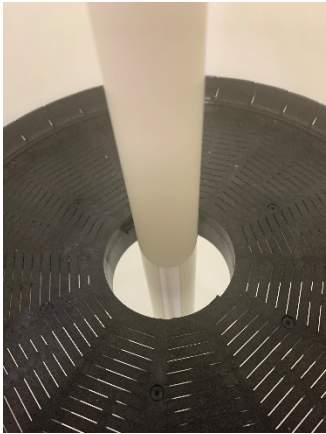


# Filling Bottom Chamber

1- Install a plug or stopper inside the Riser Tube to prevent media from filling the inside of the Riser Tube.



2- Insert a 2" SCH 40 PVC pipe into the tank over the Riser Tube. 2" PVC is a perfect size to fit down into the plate and rest on the Mid Plate locking lugs preventing it from falling into the tank. (See Figure C)



When finished filling be sure the top side of the Mid Plate lugs are clear of media.

Figure C

Cut this length of 2" SCH 40 PVC pipe about 1" above the top of the tank.



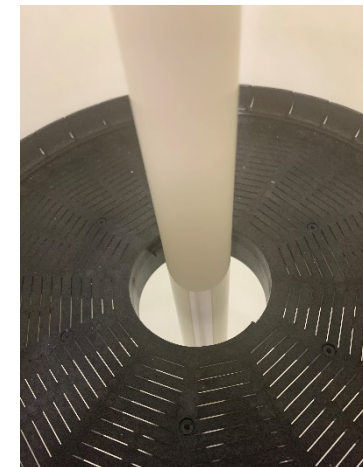
# Filling Bottom Chamber

3- Install the Funnel with reducer coupling onto the SCH 40 PVC pipe. The reducer coupling/funnel will rest on the chamfer of the 2.5" threads of the tank.

4- Add your choice of media into the Funnel to fill the bottom mineral tank chamber.

Note: Amount of media will vary based on size of tank and location of Mid Plate.

5- Remove the 2" PVC pipe and the Riser Tube Plug, making sure the Mid Plate locking lugs are clean and free of media.



# Installing Mid Plate Plug

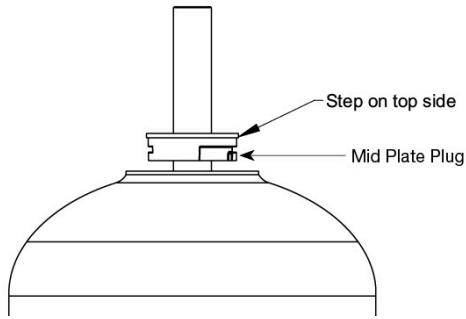
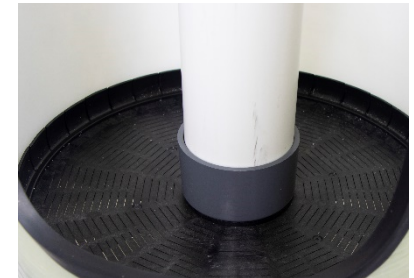


Figure D



1- Insert the Mid Plate Plug\*\* over the Riser Tube and let it fall to the Mid Plate. Make sure the flat side is facing down. (See Figure D)



2- Insert the Mid Plate Plug Tool over the Riser Tube until it contacts the Mid Plate Plug. Rotate the tool so that the lugs engage with the Mid Plate Plug.

\*\*Note: Ensure Mid Plate Plug size matches Riser Tube size.

Mid Plate Plugs	
D1334	Mid Plate Plug 1.050
D1334-1320	Mid Plate Plug 1.320
D1334-32	Mid Plate Plug 32mm

# Installing Mid Plate Plug

3- Rotate the pipe and plug together clockwise until the plug drops into place. (See Figure E)

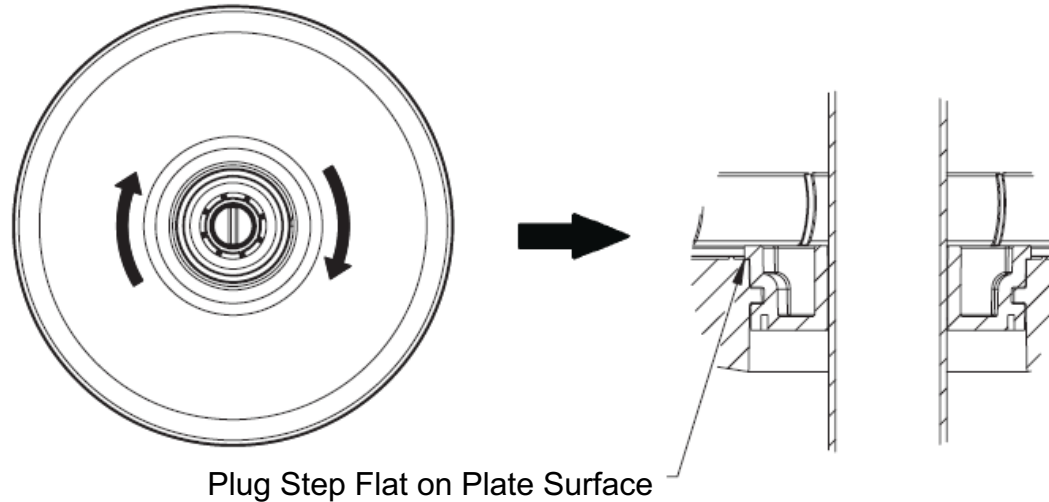


Figure E

4- Continue rotating until you feel it click into place followed by a stop, which indicates the plug has locked into the twist lock feature.

5- Remove the Mid Plate Plug Tool.





# Filling Top Chamber

1- Reinstall a plug or stopper inside the Riser Tube to prevent media from filling the inside.



2- Insert the Funnel into the top of tank.

3- Add your choice of media into the Funnel to fill the top mineral tank chamber.

Note: Amount of media will vary based on size of tank and location of Mid Plate.



# Filling Clack Plated Tanks

Distributor Installation



Bottom Chamber Media Filling



Top Chamber Media Filling

