

Glass Filler Plumbing Kit

Part Number 96852CA

This plumbing kit is designed to be used with Halsey Taylor HAC, S-Series, SCWT, SW and WM Models manufactured after December 1998.

Warning

To avoid risk of electrical shock, personal injury or death, disconnect from electrical power supply and shutoff water supply before installing this plumbing kit.

Caution

To avoid property damage, personal injury and voiding your warranty:

- Have this kit installed by an authorized person. (Installation person should be familiar with water cooler plumbing, refrigeration systems and general plumbing practices.)
- Install this kit into one of the Halsey Taylor models listed above.
- Make sure you read, understand and follow the instructions.
- Wear hand and arm protection. Use caution when working inside the water cooler. Edges inside the water cooler can be sharp.
- Wear eye safety goggles.

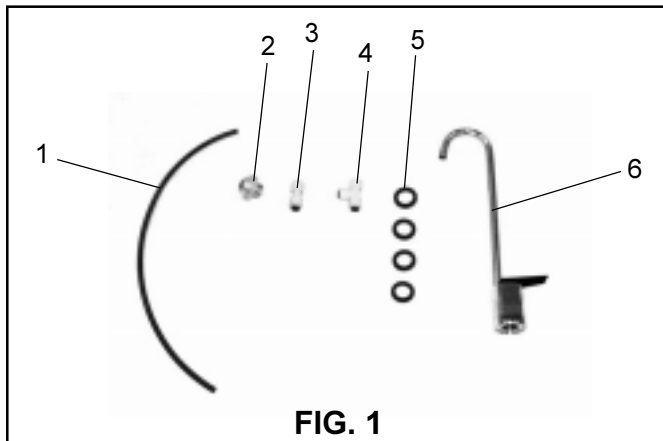
Required Tools

To install this kit the following tools are required:

- Phillips Screwdriver
- Needle Nose Pliers
- 1/4" and 5/16" Nut or Socket Driver
- Tubing Cutter (Mini)

Parts List

Refer to the illustration to make sure you receive all plumbing kit parts. If any parts are missing contact your Halsey Taylor distributor.

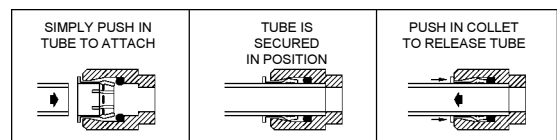


ITEM NO.	PART NO.	DESCRIPTION
1	56092C	Poly-Tubing (Cut to Length)
2	15009C	Glass Filler Nipple
3	70683C	Connector 1/4" Tubing
4	70682C	Tee 1/4" Tubing
5	100322740560	Gasket (4 Supplied with kit)
6	75630C	Glass Filler

Actuation of Quick Connect Water Fittings:

Cooler is provided with lead-free connectors which utilize an "O"-ring water seal. To remove tubing from the fitting, relieve water pressure, push in on the darker gray collar before pulling on the tubing. To insert tubing, push tube straight into fitting until it reaches a positive stop, approximately 3/4" (19mm). Deburr cut tube ends before inserting into the Quick Connect Fitting. Burrs on the tube end will cut the internal "O"-Ring and will allow the fitting to leak.

OPERATION OF QUICK CONNECT FITTINGS



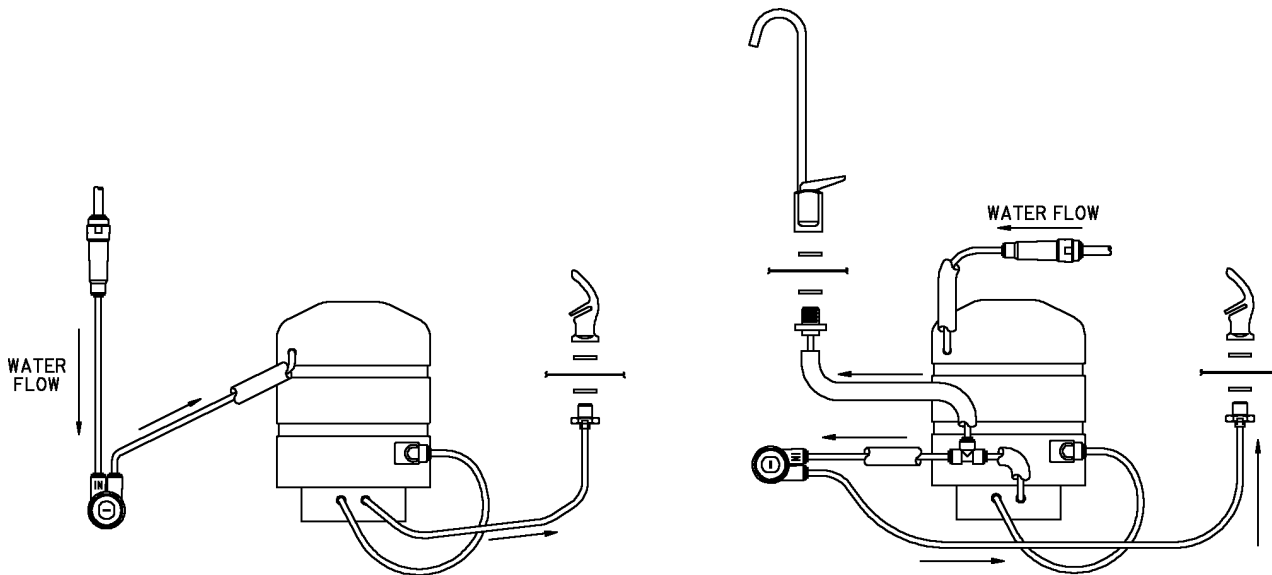
PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE



HAC Model

Overview

The following illustration shows the tube routing before and after the installation of the Glass Filler Kit.



Before (Non-Pressurized Tank)

After (Pressurized Tank)

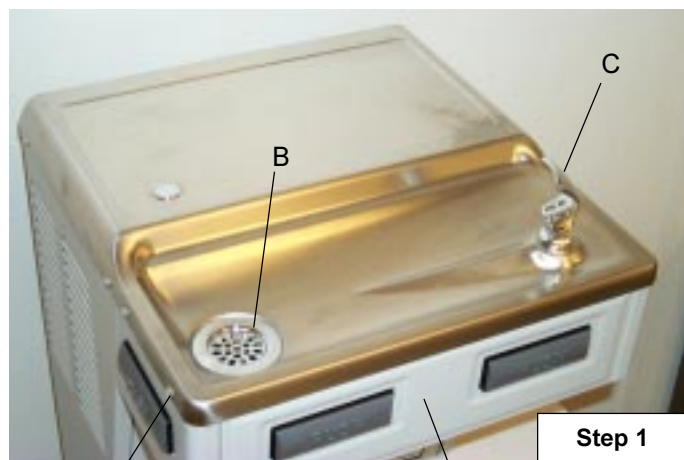
The water storage tank must be converted to a pressurized tank for the glass filler to operate properly. The tank is non-pressurized in a standard unit. The following steps detail how the water flow tubing is re-routed to create a pressurized tank and provide a supply line to the glass filler.

Note: Item numbers in the following steps refer to items in Parts List on page 1.

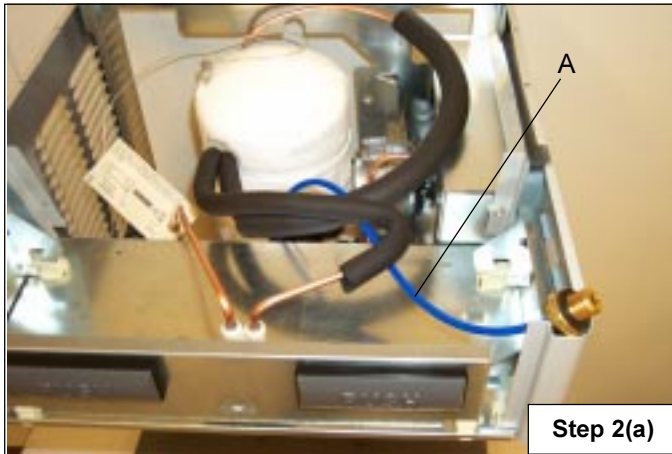
STEP 1

Remove Cooler Top

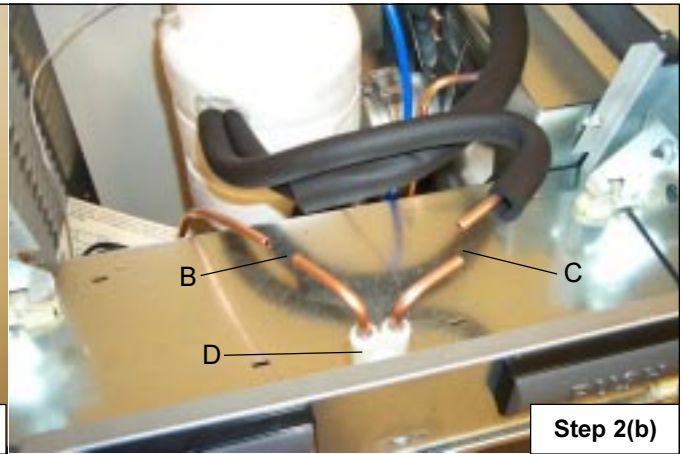
- Remove lower front panel.
 - Disconnect cooler from electrical supply.
 - Turn off water supply to unit.
 - Remove basin screws [A] (4 each side, 8 total).
 - If cooler is installed remove strainer and drain plug [B] or disconnect unit from "Trap"
- Remove bubbler [C].
- Remove upper front panel [D] to hold bubbler fitting from turning.
- Remove cooler top.



Step 1



Step 2(a)



Step 2(b)

STEP 2

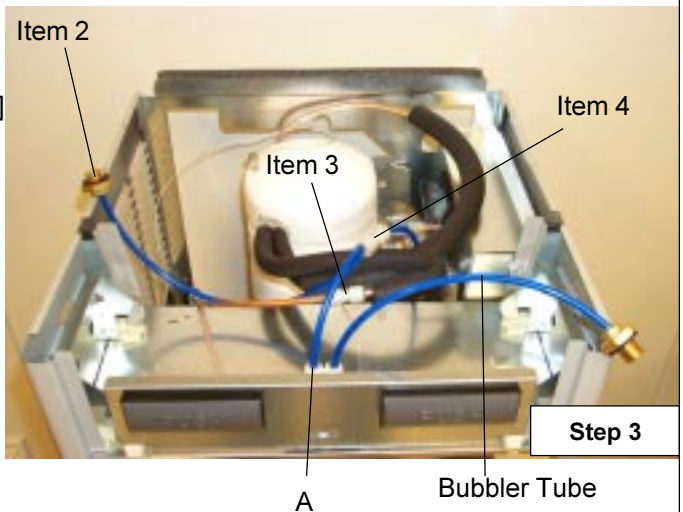
Cut and Remove Internal Plumbing

- Remove tank to bubbler tube [A].
 - Disconnect bubbler tube at chilled tank water outlet.
 - Save the tube and bubbler fitting these will be used in step 3.
- Cut supply tubes at locations [B] and [C].
- Remove and discard bent tubes from water regulator [D].
 - Refer to details “Operation of Quick Connect Fittings” for removing tubes.

STEP 3

Reconnect Internal Plumbing

- Connect water inlet line to chiller inlet.
 - Using (Item 3) reconnect tubes cut at [B] and [C] in step 2.
- Connect chiller outlet to tee.
 - Cut a 12 inch long piece of (Item 1). Install into the chiller water outlet. Connect end to “tee” (Item 4).
- Connect tee to regulator and glass filler supply tube.
 - Cut a 6 inch long piece of (Item 1).
 - Connect one end of tube to tee (Item 4) and other end to water regulator inlet [A].
 - Cut a 12 inch long piece of (Item 1).
 - Connect to tee (Item 4) and to Glass Filler Nipple (Item 2)
- Connect bubbler tube to regulator.
 - Use tank to bubbler tube, removed in Step 2, cut length of tube to 10 inches and connect to regulator outlet.



Step 3

STEP 4

Reassemble Unit

- Connect Bubbler and Glass Filler.
 - Using one gasket below the basin and one gasket above the basin assemble the bubbler and glass filler (Item 6) to the basin.
- Reassemble the unit and leak check.
 - Assemble basin to the unit. Reattach with screws removed in Step 1.
 - Reassemble drain components.
 - Turn on water supply. Run water through bubbler and glass filler. Check all connections for water leaks. Repair as required.
 - Reconnect electrical supply.
 - Replace panels .



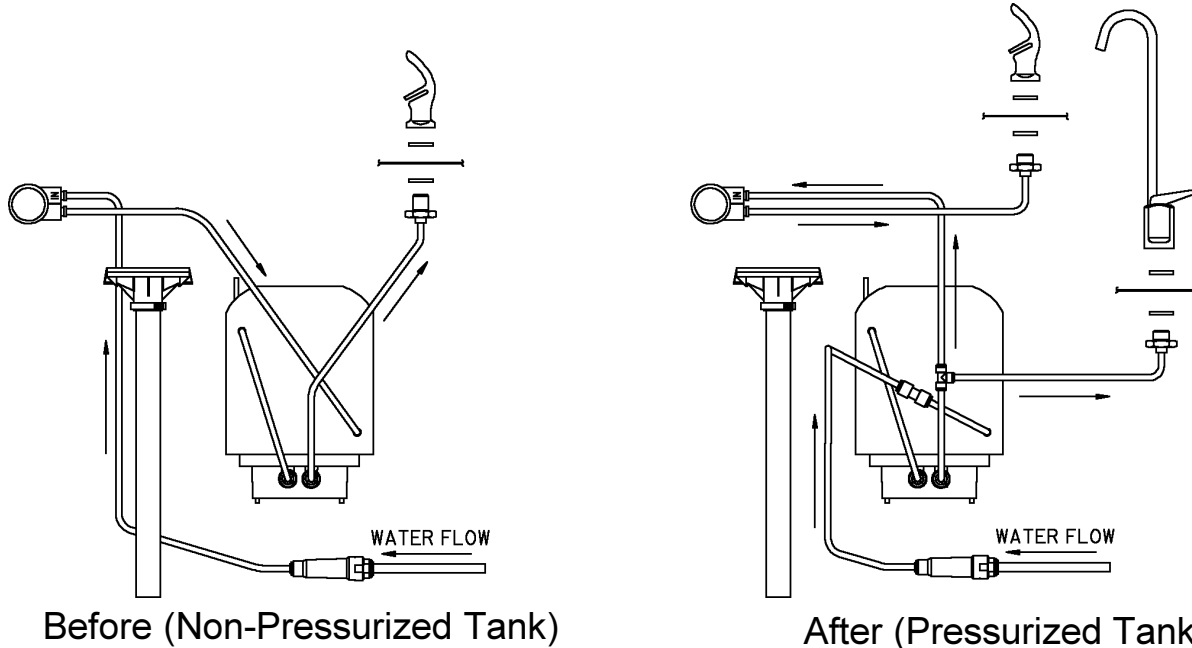
Step 4



SCWT Model

Overview

The following illustration shows the tube routing before and after the installation of the Glass Filler Kit.



The water storage tank must be converted to a pressurized tank for the glass filler to operate properly. The tank is non-pressurized in a standard unit. The following steps detail how the water flow tubing is re-routed to create a pressurized tank and provide a supply line to the glass filler.

Note: Item numbers in the following steps refer to items in Parts List on page 1.

STEP 1

Remove Cooler Front Panel

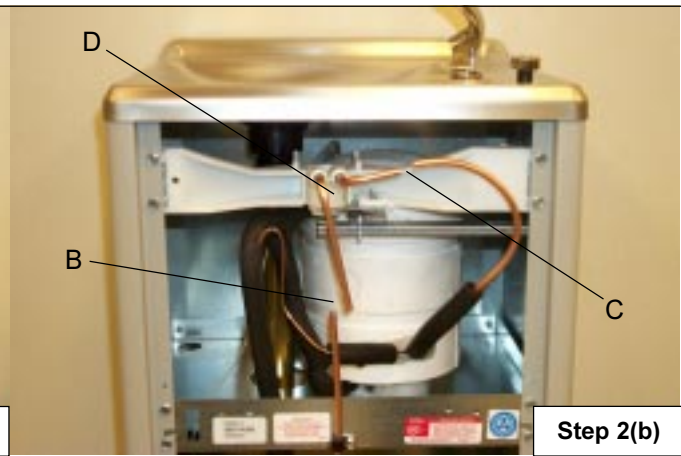
- Remove lower front panel.
 - Remove screws on kick plate and front panel [A].
 - Remove kick plate and front panel.
 - Disconnect cooler from electrical supply.
 - Turn off water supply to unit.

A





Step 2(a)



Step 2(b)

STEP 2

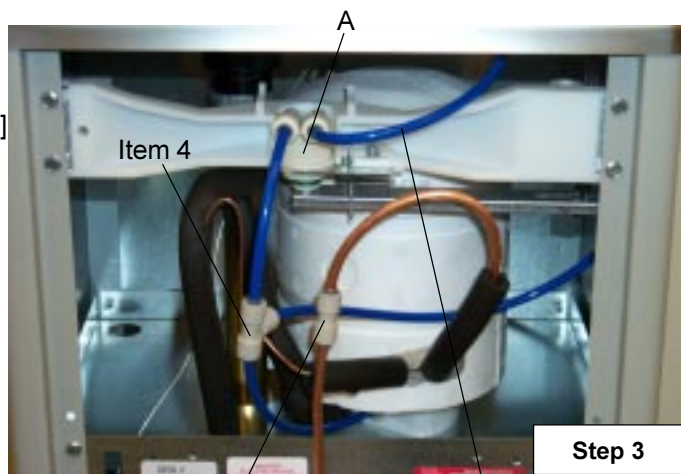
Cut and Remove Internal Plumbing

- Remove tank to bubbler tube [A].
 - Disconnect bubbler tube at chilled tank water outlet.
 - Note: The bubbler does not need to be removed.
- Cut supply tubes at locations [B] and [C].
- Remove and discard bent tubes from water regulator [D].
 - Refer to details “Operation of Quick Connect Fittings” for removing tubes.

STEP 3

Reconnect Internal Plumbing

- Connect water inlet line to chiller inlet.
 - Using (Item 3) reconnect tubes cut at [B] and [C] in step 2.
- Connect chiller outlet to tee.
 - Cut a 8 inch long piece of (Item 1). Install into the chiller water outlet. Connect end to “tee” (Item 4).
- Connect tee to regulator and glass filler supply tube.
 - Cut a 6 inch long piece of (Item 1).
 - Connect one end of tube to tee (Item 4) and other end to water regulator inlet [A].
 - Cut a 12 inch long piece of (Item 1).
 - Connect to tee (Item 4) and to Glass Filler Nipple (Item 2), not shown.
- Connect bubbler tube to regulator.
 - Use tank to bubbler tube, removed in Step 2, cut length of tube to 10 inches and connect to regulator outlet.



Step 3

STEP 4

Reassemble Unit

- Connect Bubbler and Glass Filler.
 - Using one gasket below the basin and one gasket above the basin assemble the bubbler and glass filler to the basin (Item 6).
- Reassemble the unit and leak check.
 - Turn on water supply. Run water through bubbler and glass filler. Check all connections for water leaks. Repair as required.
 - Reconnect electrical supply.
 - Replace panels.



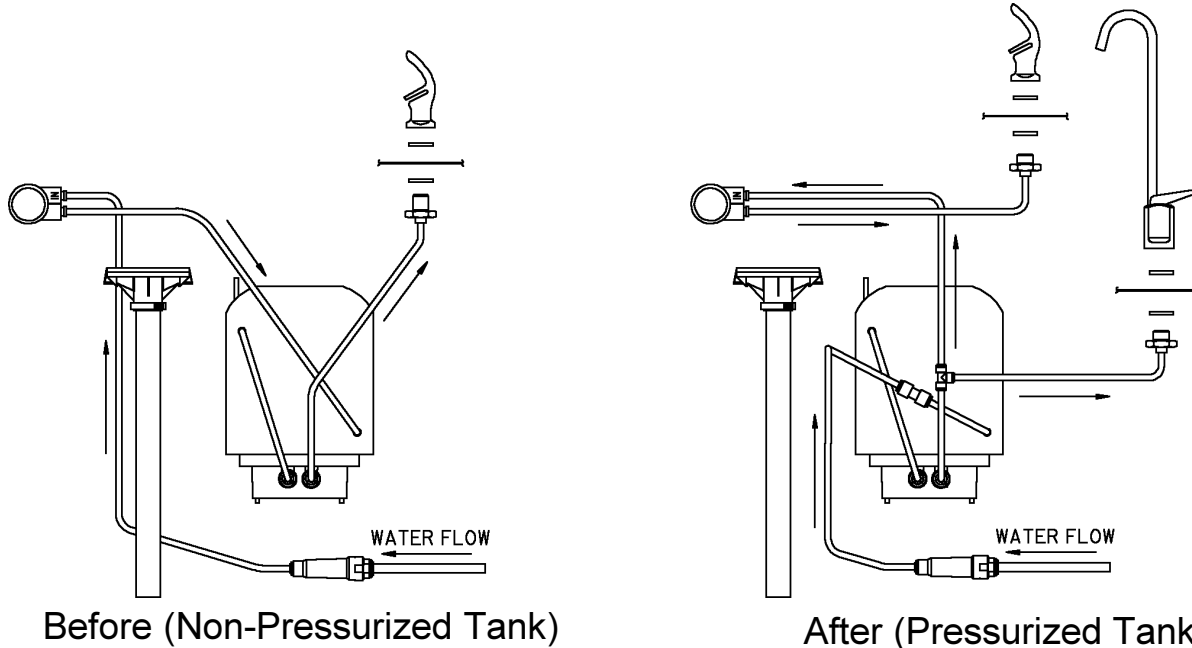
Step 4



SW/WM Model

Overview

The following illustration shows the tube routing before and after the installation of the Glass Filler Kit.



The water storage tank must be converted to a pressurized tank for the glass filler to operate properly. The tank is non-pressurized in a standard unit. The following steps detail how the water flow tubing is re-routed to create a pressurized tank and provide a supply line to the glass filler.

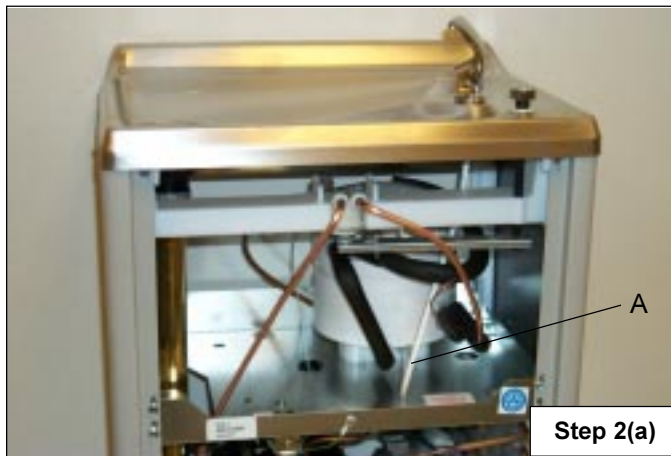
Note: Item numbers in the following steps refer to items in Parts List on page 1.

STEP 1

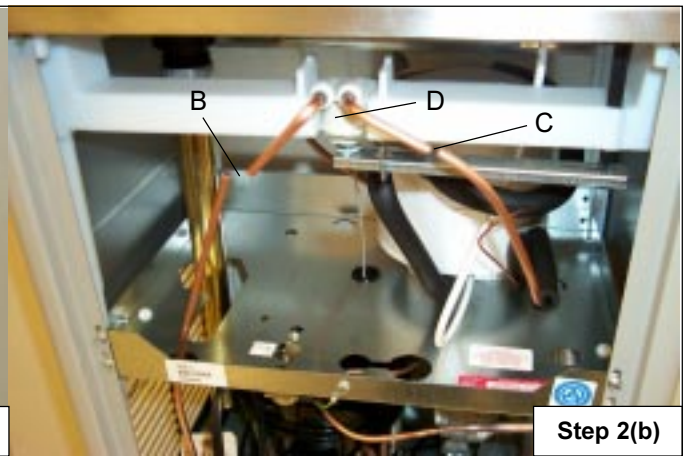
Remove Cooler Front Panel

- Remove front panel.
 - Remove screws on under side of front panel [A].
 - Remove front panel.
 - Disconnect cooler from electrical supply.
 - Turn off water supply to unit.





Step 2(a)



Step 2(b)

STEP 2

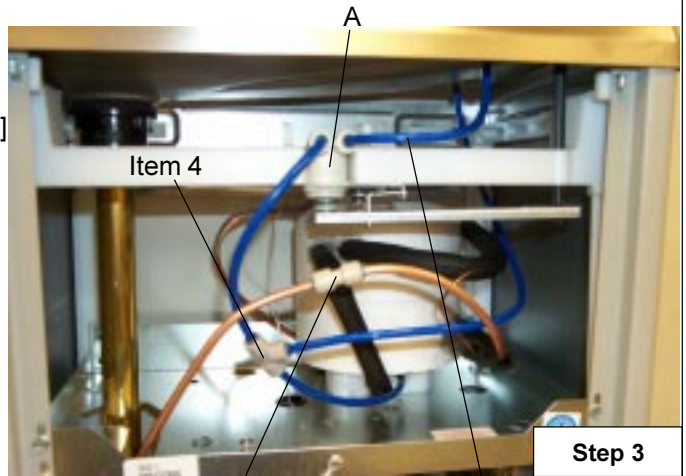
Cut and Remove Internal Plumbing

- Remove tank to bubbler tube [A].
 - Disconnect bubbler tube at chilled tank water outlet.
 - Note: The bubbler does not need to be removed.
- Cut supply tubes at locations [B] and [C].
- Remove and discard bent tubes from water regulator [D].
 - Refer to details "Operation of Quick Connect Fittings" for removing tubes.

STEP 3

Reconnect Internal Plumbing

- Connect water inlet line to chiller inlet.
 - Using (Item 3) reconnect tubes cut at [B] and [C] in step 2.
- Connect chiller outlet to tee.
 - Cut a 8 inch long piece of (Item 1). Install into the chiller water outlet. Connect end to "tee" (Item 4).
- Connect tee to regulator and glass filler supply tube.
 - Cut a 12 inch long piece of (Item 1).
 - Connect one end of tube to tee (Item 4) and other end to water regulator inlet [A].
 - Cut a 12 inch long piece of (Item 1).
 - Connect to tee (Item 4) and to Glass Filler Nipple (Item 2), not shown.
- Connect bubbler tube to regulator
 - Use tank to bubbler tube, removed in Step 2, cut length of tube to 10 inches and connect to regulator outlet.



Step 3

STEP 4

Reassemble Unit

- Connect Bubbler and Glass Filler.
 - Using one gasket below the basin and one gasket above the basin assemble the bubbler and glass filler (Item 6) to the basin.
- Reassemble the unit and leak check.
 - Turn on water supply. Run water through bubbler and glass filler. Check all connections for water leaks. Repair as required.
 - Reconnect electrical supply.
 - Replace panels.

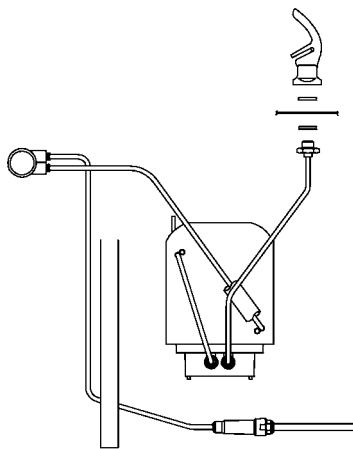


Step 4

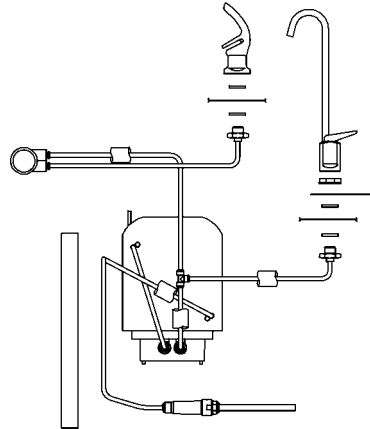
S-Series Model

Overview

This illustration shows the tube routing before and after the installation of the Glass Filler Kit.



Before



After

The tank in this unit is a pressurized tank. The following steps detail how the water flow tubing is routed to provide a supply line to the glass filler.

Note: Item numbers in the following steps refer to items in Parts List on page 1.

STEP 1

Remove Cooler Front Panel

- Remove front panel.
 - Remove screws (2) on kick plate.
 - Remove front panel.
 - Disconnect cooler from electrical supply.
 - Turn off water supply to unit.

Step 1

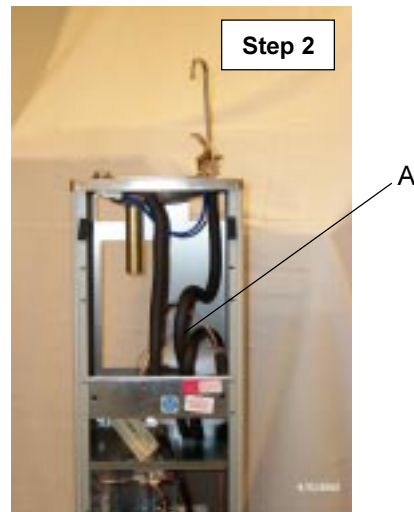


STEP 2

Reassemble Unit

- Cut the supply tube between the chiller water outlet and the bubbler [A].
- Install tee (Item 3), not shown, **between the two cut tube ends.**
- Cut a 16 inch long piece of tubing (Item 1).
- Install the tubing into the tee (Item 3) and into the glass filler nipple (Item 2) not shown.
- Remove plug button from the cooler top. Using one gasket below the basin and one above the basin assemble the glass filler (Item 6) to the basin.
- Turn on water supply. Run water through bubbler and glass filler. Check all connections for water leaks. Repair as required.
- Reconnect electrical supply.
- Replace front panel and kickplate.

Step 2



Halsey Taylor

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FOR PARTS, CONTACT YOUR LOCAL DISTRIBUTOR OR CALL 1.800.323.0620

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