

Coca-Cola freestyle.

COCA-COLA FREESTYLE

Freestyle® 7000 Cleaning



Copyright 2015, The Coca-Cola Company

Document History

Date	Version*	Author	Comments
12/30/2015	20151230	Kurt Zettlemoyer	Total conversion to new format, added water CIP
01/12/2016	20160112	Kurt Zettlemoyer	Modified Section V: Load the Product Tower with Sanitizer , added Section VII Purge Product Lines
01/13/2016	1-2-0-10-20160113	Kurt Zettlemoyer	Update from 1.0 software release to 1.2.0.10
01/14/2016	1-2-0-10-20160114	Kurt Zettlemoyer	Changed pouch volume from 700 to 680 ml
01/26/2016	1-2-0-10-20160126	Kurt Zettlemoyer	Changed page numbering format, added images of pouches and boxes, added brush cleaning
02/01/2016	1-2-0-10-20160201	Kurt Zettlemoyer	<i>Water CIP Tubing Kit</i> images and details added
4/15/2016	1-2-0-10-20160509	Lindsey Bozung	Add note to daily cleaning for nozzle tip.

*Version number is: <Software Version separated by dashes>-<Year><Month><Day revision was initiated>

© 2015-2016 The Coca-Cola® Company

All rights reserved. No part of this work may be reproduced, copied, adapted, or transmitted in any form or by any means without written permission from The Coca-Cola Company. This manual is the confidential information of The Coca-Cola Company.

The Coca-Cola® Company makes no representation or warranties with respect to the contents hereof and specifically disclaims any implied warranties or merchantability or fitness for any particular purpose.

Further, The Coca-Cola Company reserves the right to revise this publication and to make changes from time to time in the content hereof without obligation to notify any person of such revision or changes.

Table of Contents

INTRODUCTION1

CARTRIDGE CHANGE CLEANING2

DAILY CLEANING3

 EQUIPMENT REQUIRED..... 3

 CLEANING PROCEDURE 5

 I. Prepare Sanitizer 5

 II. Remove Parts to Clean Separately..... 6

 III. Clean the Removed Parts..... 6

 IV. Sanitize the Removed Parts 7

 V. Clean the Nozzle 8

 VI. Clean the User Interface 9

 VII. Clean the Drain Area..... 10

 VIII. Repeat 11

 IX. Reinstall all Parts 11

 X. Sanitize Brushes..... 12

WEEKLY CLEANING13

 EQUIPMENT REQUIRED..... 13

 CLEANING PROCEDURE 14

 I. Prepare Sanitizer 14

 II. Clean the Ice Chute 15

 III. Sanitize Brushes..... 16

MONTHLY CLEANING17

 EQUIPMENT REQUIRED..... 17

 CLEANING PROCEDURE 18

 I. Prepare Sanitizer 18

 II. Remove All Ice 19

 III. Remove Parts Clean Separately..... 20

 IV. Clean the Removed Parts..... 21

 V. Sanitize the Removed Parts 22

 VI. Clean Ice Bin Surfaces 22

 VII. Repeat 23

 VIII. Clean Remaining Parts and Surfaces 23

ANNUAL CLEANING24

 EQUIPMENT REQUIRED..... 24

 CLEANING PROCEDURE 26

 I. Prepare Sanitizer 26

 II. Fill Empty BiB with Sanitizer 26

 III. Fill Cleaner Cartridges with Sanitizer 27

 IV. Clean Product Line Equipment..... 29

 V. Load the Product Tower with Sanitizer..... 30

 VI. Clean the Product and HFCS Lines 33

 VII. Purge Product Lines 35

 VIII. Prime Product 36

 IX. Purge and Prime HFCS 37

 X. Clean Remaining Parts and Surfaces 38

WATER CIRCUIT CLEANING..... 39

EQUIPMENT REQUIRED..... 39

CLEANING PROCEDURE..... 40

 I. *Prepare Sanitizer* 40

 II. *Sanitize the Pump Kit Parts*..... 40

 III. *Prepare the Water Circuit*..... 41

 IV. *Connect the Pump* 41

 V. *Perform Cleaning*..... 42

 VI. *Flush the Sanitizer*..... 44

 VII. *Return the Dispenser to Service*..... 45

Introduction

Scope

This document is intended for use by any person required to clean the Coca-Cola Freestyle® 7000 dispenser. Technical information can be found in the *Coca-Cola Freestyle® 7000 Technical Manual*.

Purpose

This document contains cleaning processes for the Coca-Cola Freestyle® 7000 dispenser.

Safety Requirements

Proper Personal Protective Equipment (PPE) must be worn at all times in accordance to the Safety Data Sheet (SDS) for any materials the operator may encounter, including but not limited to product / ingredients, *Detergent Cleanser*, and sanitizer.

Additional Assistance

If you need assistance, you can reach a Freestyle Subject Matter Expert 24 hours a day, 7 days a week by dialing **1-800-817-2653** option **8**.

Cartridge Change Cleaning

PERFORM THESE STEPS BEFORE INSERTING A NEW PRODUCT CARTRIDGE

Step	Action
1.	Remove <i>Product Cartridge(s)</i> from the <i>Product Tower</i> .
2.	Carefully clean the <i>IPN connector(s)</i> with a clean cloth dipped in <i>Sanitizer</i> until the cloth comes away clean.
3.	Clean the <i>Tray(s)</i> with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> until the <i>Cloth</i> comes away clean. If necessary, you may wash the <i>Tray(s)</i> in the sink with detergent cleanser before cleaning it with <i>Sanitizer</i> . Set the <i>Tray(s)</i> on a sanitary surface to dry.
4.	Wait 5 minutes to allow the <i>Sanitizer</i> to work and the <i>IPN(s)</i> to air dry.
5.	Perform Steps 2 through 4 again.

Daily Cleaning

DAILY CLEANING OF THE COCA-COLA FREESTYLE® 7000 DISPENSER

Equipment Required

Ensure you have the following equipment before beginning Daily Cleaning

Equipment Required

5 Gallon *Bucket* with Gradations (Coca-Cola Part #: 143317 recommended)



***Detergent Cleanser* appropriate for food grade surfaces**



Kay 5 Sanitizer, 2 1-oz packets (Coca-Cola Part #: 25823)



***Parts Brush* (Coca-Cola Part #: 954412)**



Diffuser Socket Brush (Coca-Cola Part #: 138807)



Valve Nozzle Brush (Coca-Cola Part #: 16586)



Drain Brush (Coca-Cola Part #: 28076)

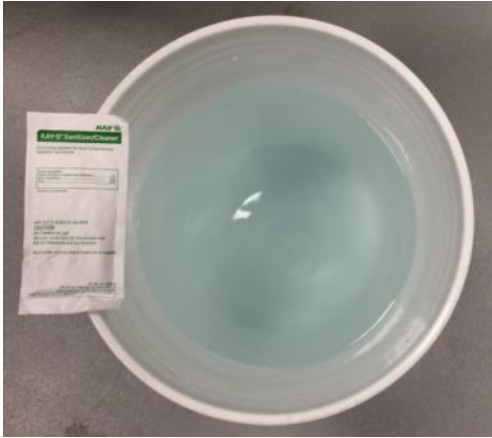


Clean, lint-free, soft cleaning Cloth




Cleaning Procedure

I. Prepare Sanitizer

Step	Action
1.	<p>In a clean 5 gallon <i>Bucket</i>, prepare 5 gallons of Kay-5 <i>Sanitizer</i> (two 1oz packet of Kay-5). Use hot water.</p> <p>Note: Do not exceed 100 ppm <i>Sanitizer</i> strength as this causes damage to the equipment.</p> 
2.	Mix the solution well.
3.	Bring the <i>Bucket</i> to the dispenser.

II. Remove Parts to Clean Separately

Step	Action
1.	<p>Grasp the <i>Nozzle Tip</i>, rotate it counter clockwise, and pull it downwards from the <i>Nozzle</i>.</p> 
2.	<p>Remove the <i>Cup Rest</i> and <i>Drip Tray</i> from the dispenser and separate them by pulling up on the ring in the drip tray.</p> 

III. Clean the Removed Parts



Step	Action
1.	Wash your hands thoroughly with hand soap and warm water.
2.	Wash the <i>Nozzle Tip</i> , <i>Drip Tray</i> , and <i>Cup Rest</i> in the sink using warm water and <i>Detergent Cleanser</i> . Thoroughly rinse with warm water.

Step	Action
3.	<p>Clean the <i>Nozzle Tip</i>, <i>Drip Tray</i>, and <i>Cup Rest</i> with warm water and <i>Detergent Cleanser</i> using the <i>Parts Brush</i>. Thoroughly rinse with warm water.</p> 

IV. Sanitize the Removed Parts

Step	Action
1.	<p>Submerge the parts in <i>Sanitizer</i> for 2 minutes.</p> <p>Note: Shake the <i>Nozzle Tip</i> when submerging into the <i>Sanitizer</i> to ensure no air pockets remain. The <i>Nozzle Tip</i> should sink.</p>
2.	<p>Remove the parts from the <i>Sanitizer</i> and allow them to air dry on a sanitary surface.</p>



V. Clean the Nozzle

Step	Action
1.	<p>Clean the outer <i>Nozzle</i> with the <i>Diffuser Socket Brush</i> dipped in <i>Sanitizer</i> until it is visibly clean.</p> 
2.	<p>Clean the inner <i>Nozzle</i> with the <i>Valve Nozzle Brush</i> dipped in <i>Sanitizer</i> until visibly clean.</p> 
3.	Repeat Steps 1 and 2 .

VI. Clean the User Interface

Step	Action
1.	<p>Clean the <i>Back Splash</i> with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> until the <i>Cloth</i> comes away clean.</p> 
2.	<p>Clean the <i>Dispensing Lever</i> with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> until the <i>Cloth</i> comes away clean.</p>
3.	<p>Clean the <i>Touch Screen</i> with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> until the <i>Cloth</i> comes away clean.</p>

VII. Clean the Drain Area

Step	Action
1.	Clean the <i>Drain Tube</i> with the <i>Drain Brush</i> dipped in <i>Sanitizer</i> .
2.	<p>Clean the <i>Drip Tray Plate</i> with a clean cloth dipped in <i>Sanitizer</i>.</p> 
3.	Reinstall the <i>Drip Tray</i> .
4.	<p>Pour the remaining <i>Sanitizer</i> down the drain to clean the drain and drain line. Verify the drain functions properly.</p> 

VIII. Repeat

Step	Action
1.	Mix a fresh batch of <i>Sanitizer</i> .
2.	Remove the <i>Drip Tray</i> .
3.	Perform Steps III Error! Reference source not found. through VII again.

IX. Reinstall all Parts

Step	Action
1.	Reinstall the <i>Nozzle Tip</i> using a sanitary cloth. <div data-bbox="743 1024 1114 1394" style="text-align: center;"> </div>
2.	Reinstall the <i>Cup Rest</i> .

X. Sanitize Brushes

Step	Action
1.	Soak any cleaning brushes used in a separate container of <i>Sanitizer</i> for 2 minutes.
2.	Agitate the <i>Brushes</i> to dislodge any debris and allow them to soak for an additional 2 minutes.
3.	Place the <i>Brushes</i> on a sanitary surface to dry before returning them to storage.

Weekly Cleaning

WEEKLY CLEANING OF THE COCA-COLA FREESTYLE® 7000 DISPENSER

Equipment Required

Ensure you have the following equipment before beginning Weekly Cleaning.

Equipment Required

5 Gallon Bucket with Gradations (Coca-Cola Part #: 143317 recommended)



Parts Brush (Coca-Cola Part #: 954412)



Kay 5 Sanitizer, 2 1-oz packets (Coca-Cola Part #: 25823)



Clean, lint-free, soft cleaning Cloth

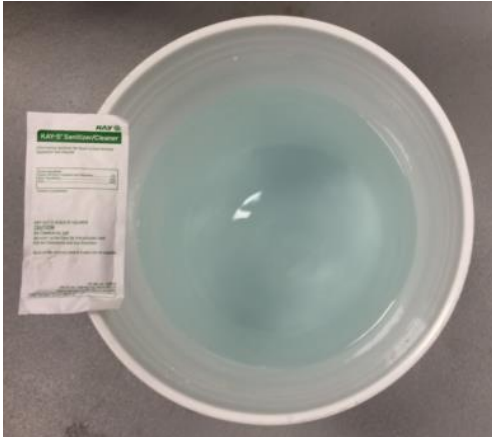


Ice Chute Brush (Coca-Cola Part #: 143257)




Cleaning Procedure

I. Prepare Sanitizer

Step	Action
1.	<p>In a clean 5 gallon <i>Bucket</i>, prepare 5 gallons of Kay-5 <i>Sanitizer</i> (two 1oz packet of Kay-5). Use hot water.</p> <p>Note: Do not exceed 100 ppm <i>Sanitizer</i> strength as this causes damage to the equipment.</p> 
2.	Mix the solution well.
3.	Bring the <i>Bucket</i> to the dispenser.

II. Clean the Ice Chute

Step	Action
1.	Turn off power to the dispenser and unplug it. 
2.	Dip the <i>Ice Chute Brush</i> in <i>Sanitizer</i> and use it to thoroughly swab inside the <i>Ice Chute</i> .
3.	Clean the <i>Ice Chute Body</i> area with a clean cloth dipped in <i>Sanitizer</i> .
4.	Wait 2 minutes and then perform Steps 2 and 3 again.
5.	Plug the dispenser in and turn on the power.
6.	Perform all the steps in Chapter 3: Daily Cleaning . Weekly cleaning is complete. The dispenser may now resume normal operations.

III. Sanitize Brushes

Step	Action
1.	Soak any cleaning brushes used in a separate container of <i>Sanitizer</i> for 2 minutes.
2.	Agitate the <i>Brushes</i> to dislodge any debris and allow them to soak for an additional 2 minutes.
3.	Place the <i>Brushes</i> on a sanitary surface to dry before returning them to storage.

Monthly Cleaning

MONTHLY CLEANING OF THE COCA-COLA FREESTYLE® 7000 DISPENSER

Equipment Required

Ensure you have the following equipment before beginning Weekly Cleaning.

Equipment Required

5 Gallon *Bucket* with Gradations (Coca-Cola Part #: 143317 recommended)



***Parts Brush* (Coca-Cola Part #: 954412)**



***Kay 5 Sanitizer*, 2 1-oz packets (Coca-Cola Part #: 25823)**



Clean, lint-free, soft cleaning *Cloth*

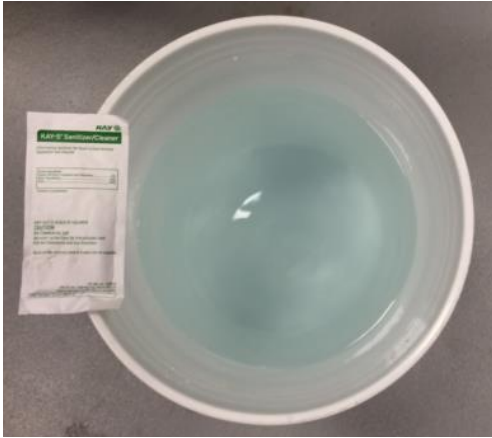


***Drain Brush* (Coca-Cola Part #: 28076)**





Cleaning Procedure




I. Prepare Sanitizer



Step	Action
1.	<p>In a clean 5 gallon <i>Bucket</i>, prepare 5 gallons of Kay-5 <i>Sanitizer</i> (two 1oz packet of Kay-5). Use hot water.</p> <p>Note: Do not exceed 100 ppm <i>Sanitizer</i> strength as this causes damage to the equipment.</p> 
2.	Mix the solution well.
3.	Bring the <i>Bucket</i> to the dispenser.

II. Remove All Ice

Step	Action
1.	<p>Remove all ice from the <i>Ice Bin</i> by activating the <i>Ice Lever</i>.</p> 
2.	<p>Turn off power to the dispenser and unplug it.</p> 
3.	<p>Remove the <i>Ice Bin Cover</i>.</p>
4.	<p>Remove all remaining ice by pouring warm (<u>not hot</u>) water over the ice in the <i>Ice Bin</i>.</p>

III. Remove Parts Clean Separately

Step	Action
1.	<p>Inside the <i>Ice Bin</i> locate and remove the <i>Cotter Pin</i> from the <i>Retaining Pin</i> on the <i>Agitator Bar</i>.</p> 
2.	<p>Remove the <i>Retaining Pin</i> from the <i>Agitator Bar</i>.</p> 
3.	<p>Remove the <i>Agitator Bar</i>.</p> 

Step	Action
4.	Remove the <i>Paddle Wheel</i> . 
5.	Remove the <i>Ice Bin Divider</i> . 

IV. Clean the Removed Parts

Step	Action
1.	Wash your hands thoroughly with warm water in a sink using detergent cleanser.
2.	Wash the <ul style="list-style-type: none"> • Cotter Pin • Retaining Pin • Agitator Bar • Paddle Wheel • Ice Bin Divider in the sink using warm water.

Step	Action
3.	Thoroughly rinse with warm water.
4.	Clean all the parts above in the sink using warm water and <i>Detergent Cleanser</i> using the <i>Parts Brush</i> .
5.	Thoroughly rinse with warm water.

V. Sanitize the Removed Parts

Step	Action
1.	Submerge the smaller parts in <i>Sanitizer</i> 2 minutes.
2.	Thoroughly wipe the parts too large to be submerged with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> .
3.	Allow all the parts to air dry on a sanitary surface.

VI. Clean Ice Bin Surfaces

Step	Action
1.	Clean the surfaces inside the <i>Ice Bin</i> (including the <i>Ice Bin Lid</i>) with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> .
2.	Clean the <i>Ice Bin Drain</i> with the <i>Drain Brush</i> dipped in <i>Sanitizer</i>
3.	Pour the remaining <i>Sanitizer</i> slowly into the <i>Ice Bin</i> to flush the bin.

Step	Action
4.	Wait 2 minutes to allow the sanitizer to work and the surfaces to air dry.

VII. Repeat

Step	Action
1.	Mix a fresh batch of <i>Sanitizer</i> as described in Section I .
2.	Perform all the steps in Sections V and VI .

VIII. Clean Remaining Parts and Surfaces

Step	Action
1.	Reinstall all parts into the <i>Ice Bin</i> .
2.	Perform all the steps described in Chapter 3: Daily Cleaning .
3.	Clean the sides and top of the dispenser with a clean cloth dipped in <i>Sanitizer</i> .

Annual Cleaning

YEARLY CLEANING OF THE COCA-COLA FREESTYLE® 7000 DISPENSER

Equipment Required

Ensure you have the following equipment before beginning Annual Cleaning.

Equipment Required

5 Gallon *Bucket* with Gradations (Coca-Cola Part #: 143317 recommended)



***Parts Brush* (Coca-Cola Part #: 954412)**



Kay 5 Sanitizer, 2 1-oz packets (Coca-Cola Part #: 25823)



Clean, lint-free, soft cleaning *Cloth*



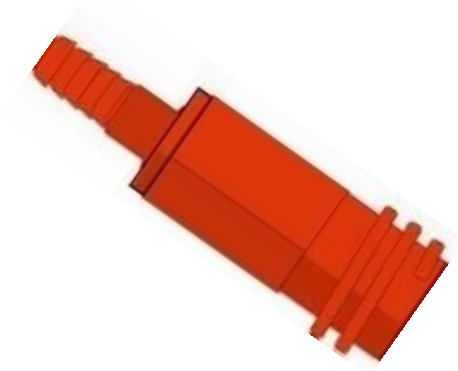
Empty Bag in Box to be filled with Sanitizer

Green BiB Connector (Coca-Cola Part #: 120869)



3/8" Tubing, \cong 36" in length (1) (Coca-Cola Part # 125041 recommended)

Flush Adapter (Coca-Cola Part # 28688)



14.5 Oetiker Clamp (1) (Coca-Cola Part # 10464 recommended)

Cleaner Cartridge Refill Kit (Coca-Cola Parts # TBD)



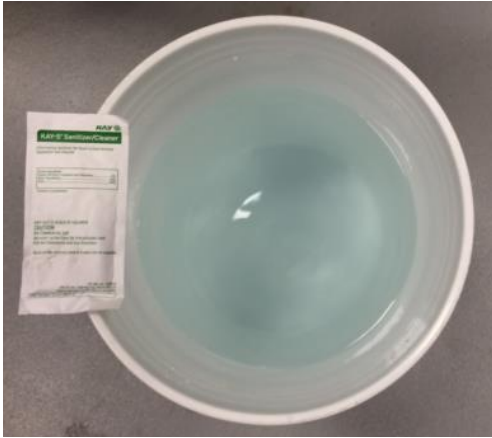
Empty Cleaner Pouches (19)

Empty Cleaner Boxes (2)





Cleaning Procedure

I. Prepare Sanitizer

Step	Action
1.	<p>In a clean 5 gallon <i>Bucket</i>, prepare 5 gallons of Kay-5 <i>Sanitizer</i> (two 1oz packet of Kay-5). Use hot water.</p> <p>Note: Do not exceed 100 ppm <i>Sanitizer</i> strength as this causes damage to the equipment.</p> 
2.	Mix the solution well.
3.	Bring the <i>Bucket</i> to the dispenser.


II. Fill Empty BiB with Sanitizer

Step	Action
1.	Affix the <i>3/8" Tubing</i> to the <i>Green BiB Connector</i> .



Step	Action
2.	<p>Secure the <i>Tubing</i> to the <i>Connector</i> with an <i>Oetiker Clamp</i>.</p> 
3.	<p>Remove the cap from the empty <i>BIB</i> and attach the <i>Green BIB Connector</i> to the empty <i>BIB</i>.</p>
4.	<p>Pour <i>Sanitizer</i> into the open end of the <i>Tubing</i> until the <i>BIB</i> is full (5 gallons). You may use the funnel from the <i>Cleaner Cartridge Refill Kit</i> to facilitate filling.</p> 
5.	<p>Replace the cap on the <i>BIB of Sanitizer</i>.</p>


III. Fill Cleaner Cartridges with Sanitizer

Step	Action
1.	<p>Follow the steps in Section I to prepare 5 gallons of <i>Sanitizer</i>.</p>

Step	Action
2.	Insert the IPN fitting of the <i>Pouch Filler</i> into an empty <i>Cleaner Cartridge Pouch</i> .
3.	<p>Carefully pour 680 ml of <i>Sanitizer</i> into the funnel of the <i>Pouch Filler</i>.</p> 
4.	Once the funnel and tubing are empty, gently squeeze the <i>Cleaner Pouch</i> to ensure as much air as possible is removed from the pouch.
5.	Remove the <i>IPN Connector</i> from the <i>Pouch</i> and place the full <i>Pouch</i> .
6.	Place the full <i>Pouch</i> inside a <i>Cleaner Box</i> and tape it shut.
7.	Perform Steps 2 through 6 . You should now have 2 complete <i>Cleaner Cartridges</i> . A <i>Cleaner Cartridge</i> is a product box with an RFID tag set to <i>Sanitizer</i> , and a pouch of sanitizer inside.
8.	Repeat Steps 2 through 5 until you fill 17 <i>Cleaner Pouches</i> . You should now have 2 full <i>Cleaner Cartridges</i> (pouches with boxes) and 17 full <i>Cleaner Pouches</i> (pouches with no box).



IV. Clean Product Line Equipment

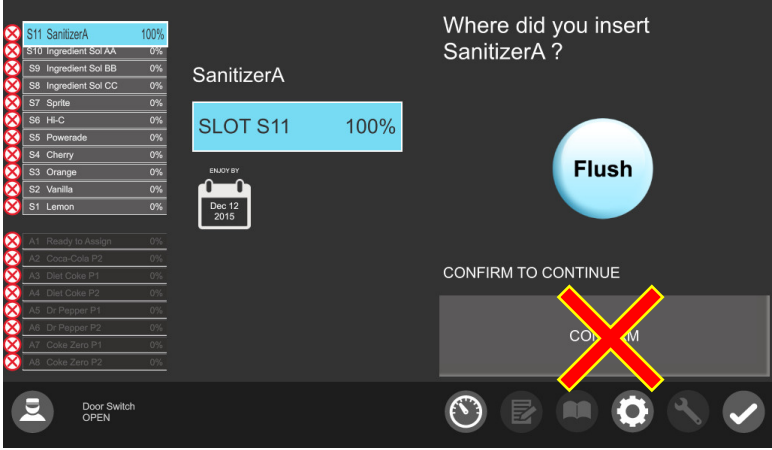
Step	Action
1.	Disconnect the green <i>BiB Connector</i> from the <i>HFCS</i> Line.
2.	<p>Clean the green <i>BiB Connector</i> with the <i>Parts Brush</i> and <i>Sanitizer</i>.</p> 
3.	Rinse the connector thoroughly with <i>Sanitizer</i> and allow it to soak in <i>Sanitizer</i> for 2 minutes.
4.	Remove all <i>Product Cartridges</i> from the <i>Ingredient Tower</i> .
5.	Remove all <i>Product Cartridges</i> from the <i>Trays</i> .
6.	<p>Clean all <i>Trays</i> with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> until the cloth comes away clean. If necessary, you may wash the <i>Trays</i> in the sink with <i>Detergent Cleanser</i> before cleaning it with <i>Sanitizer</i>. Set the <i>Trays</i> on a sanitary surface to dry.</p> 

Step	Action
7.	<p>Clean all IPN connectors in the cartridge shelves with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> until the <i>Cloth</i> comes away clean.</p> 
8.	Clean all interior tower surfaces with a clean <i>Cloth</i> dipped in <i>Sanitizer</i> . Wait 5 minutes.
9.	Perform Steps 6 through 8 again.
10.	Attach the <i>BiB of Sanitizer</i> to the <i>green BiB Connector</i> .

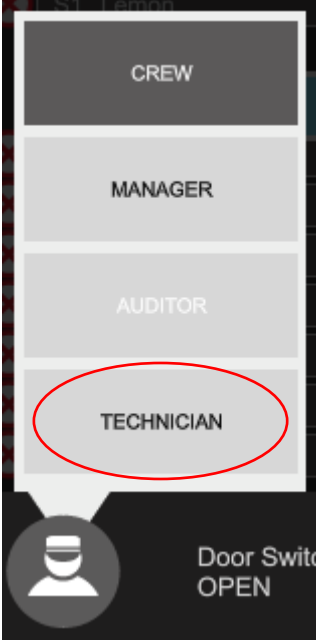

V. Load the Product Tower with Sanitizer

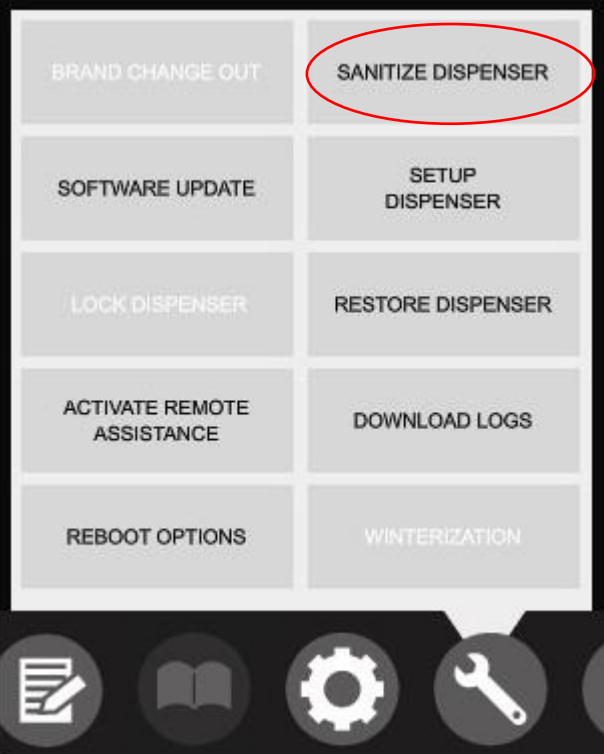
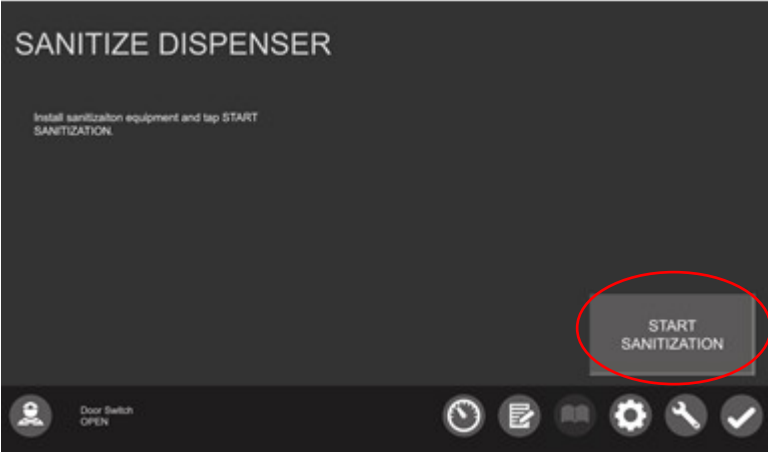
Step	Action
1.	Wash your hands thoroughly with warm water in a sink using detergent cleanser.

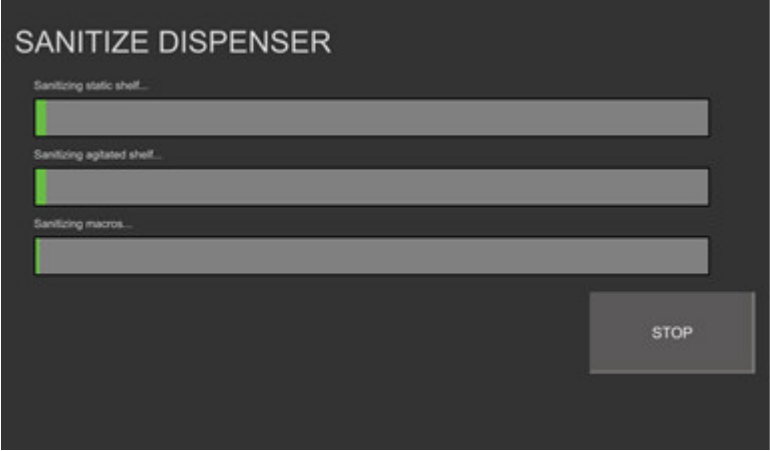
Step	Action
2.	<p>Place both <i>Cleaner Cartridges</i> in <i>Trays</i>. Ensure the 1st flange on the neck of the cartridge is outside the tray lip, and the 2nd flange is inside the tray lip.</p> 
3.	<p>Place all 17 <i>Cleaner Pouches</i> (<i>no box</i>) in <i>Trays</i>. Ensure the 1st flange on the neck of the cartridge is outside the tray lip, and the 2nd flange is inside the tray lip.</p> 
4.	<p>Insert a <i>Cleaner Cartridge in Tray</i> into the top slot of the <i>Static Tower</i>.</p>

Step	Action
5.	<p>Do not touch the CONFIRM button.</p> 
6.	Insert a <i>Cleaner <u>Cartridge in Tray</u></i> into the top slot of the <i>Agitation Tower</i> .
7.	Fill all remaining slots with <i>Cleaner <u>Pouches in Trays</u></i> .

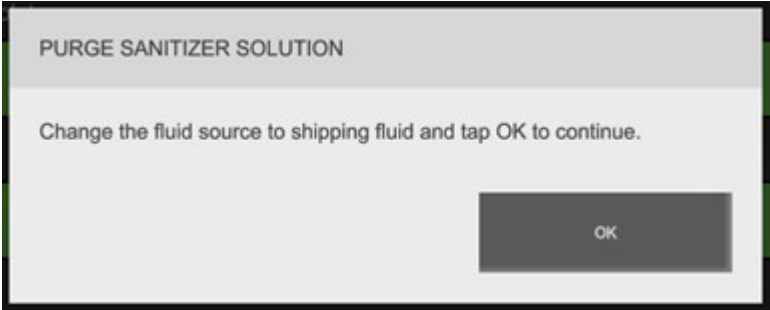
VI. Clean the Product and HFCS Lines

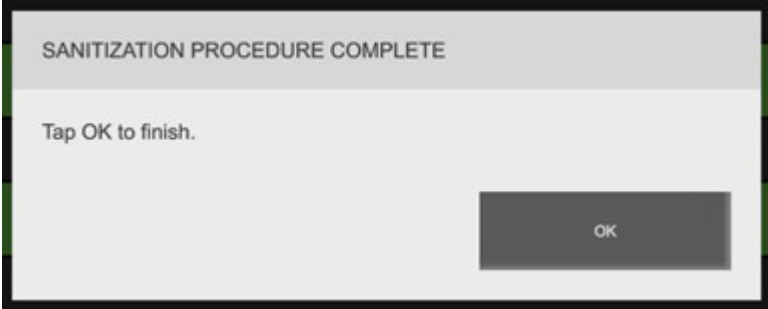
Step	Action
1.	<p>Log in as Technician.</p>  <p>The image shows a vertical menu with four options: CREW, MANAGER, AUDITOR, and TECHNICIAN. The TECHNICIAN option is circled in red. Below the menu is a circular icon of a person's head and shoulders, and the text 'Door Switch OPEN'.</p>
2.	<p>Select the UTILITIES icon to display the UTILITIES MENU.</p>  <p>The image shows a circular icon with a white wrench on a dark background.</p>

Step	Action
<p>3.</p>	<p>Select SANITIZE DISPENSER to display the SANITIZE DISPENSER screen.</p>  <p>The screenshot shows a grid of control buttons. The top row contains 'BRAND CHANGE OUT' and 'SANITIZE DISPENSER'. The second row contains 'SOFTWARE UPDATE' and 'SETUP DISPENSER'. The third row contains 'LOCK DISPENSER' and 'RESTORE DISPENSER'. The fourth row contains 'ACTIVATE REMOTE ASSISTANCE' and 'DOWNLOAD LOGS'. The fifth row contains 'REBOOT OPTIONS' and 'WINTERIZATION'. At the bottom, there is a navigation bar with icons for a document, a book, a gear, and a wrench. The 'SANITIZE DISPENSER' button is circled in red.</p>
<p>4.</p>	<p>Select the START SANITIZATION button.</p>  <p>The screenshot shows the 'SANITIZE DISPENSER' screen. At the top, it says 'SANITIZE DISPENSER'. Below that, it says 'Install sanitization equipment and tap START SANITIZATION.' At the bottom right, there is a 'START SANITIZATION' button circled in red. At the bottom left, there is a 'Door Switch OPEN' indicator. At the bottom, there is a navigation bar with icons for a person, a clock, a document, a book, a gear, a wrench, and a checkmark.</p> <p>Note: If the START SANITIZATION button is not enabled, check for errors or warnings regarding the <i>Cleaner Cartridges</i>, verify the door is open, and remove the <i>Cleaner Cartridges</i> and reinsert them.</p>

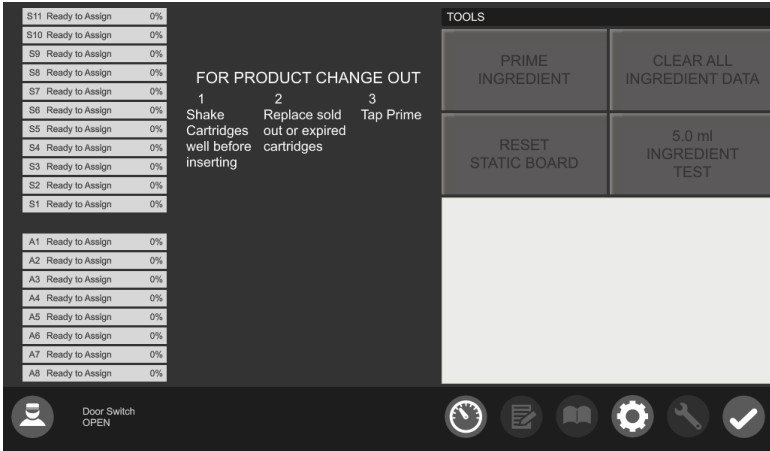
Step	Action
5.	<p>The dispenser now runs the cleaning process. This takes approximately 25 minutes. You can track the process with the SANITIZING PROGRESS BARS.</p> 

VII. Purge Product Lines

Step	Action
1.	<p>When the <i>Sanitization Process</i> completes the PURGE SANITIZER SOLUTION window displays. Ignore the instructions to change the fluid source and select the OK button to begin purging. This takes approximately 3-5 minutes.</p> 

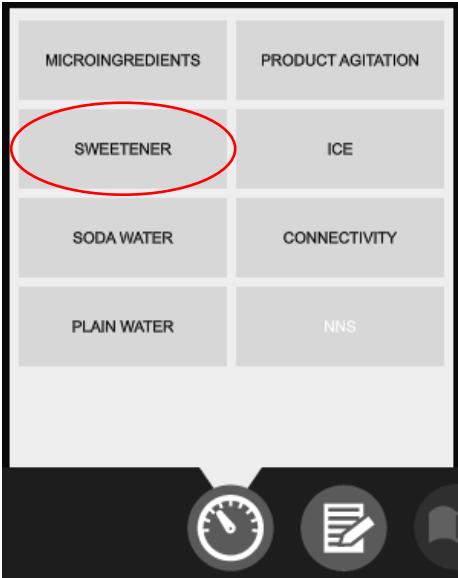
Step	Action
2.	<p>Once the process is complete the dispenser prompts you to finish. The SANITIZATION PROCEDURE COMPLETE window displays. Select the OK button.</p> 
3.	Remove all <i>Cleaner Cartridges</i> from the dispenser.
4.	Remove all <i>Cleaner Cartridges</i> from the <i>Trays</i> .

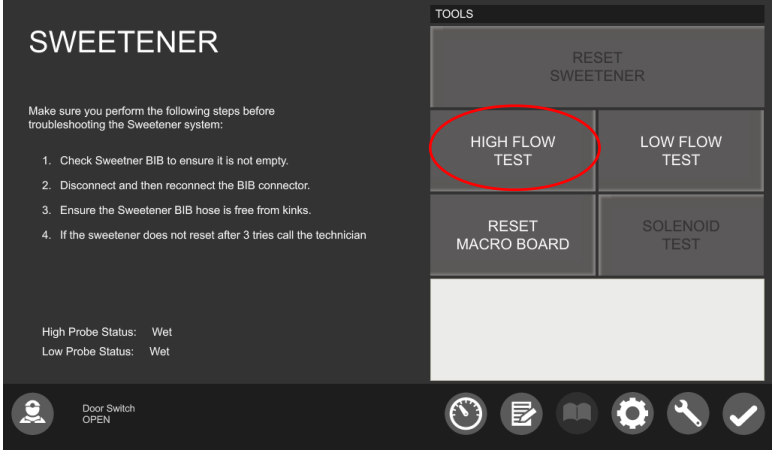
VIII. Prime Product

Step	Action
1.	<p>Power the dispenser off for 30 seconds, and then back on to display the PRIME INGREDIENT screen. Ensure you are logged in as Technician.</p> 

Step	Action
2.	Insert <i>Product Cartridges</i> into <i>Trays</i> and place them into their appropriate slots in the dispenser. Prime them as prompted on the screen until all products are primed and ready.

IX. Purge and Prime HFCS

Step	Action
1.	Disconnect the <i>BiB of Sanitizer</i> and attach a <i>Flush Adapter</i> to the green <i>BiB Connector</i> . Ensure you hold the line up to avoid spilling <i>Sanitizer</i> .
2.	<p>Select the SUBSYSTEMS ICON and choose SWEETENER.</p> 

Step	Action
<p>3.</p>	<p>Continue to hold the <i>line</i> up and select the HIGH FLOW TEST button. Wait for the flow from the <i>Nozzle</i> to stop.</p> 
<p>4.</p>	<p>Repeat Step 3 10 times. This purges the <i>Sanitizer</i> from the HFCS line.</p>
<p>5.</p>	<p>Remove the <i>Flush Adapter</i> and connect a <i>BiB of HFCS</i> to the green <i>BiB Connector</i>.</p>
<p>6.</p>	<p>Select the HIGH FLOW TEST button. Wait for the flow from the nozzle to stop.</p>
<p>7.</p>	<p>Repeat Step 6 10 times. This primes the HFCS.</p>
<p>8.</p>	<p>Return the dispenser to the normal consumer dispensing screen.</p>

X. Clean Remaining Parts and Surfaces

Perform all the steps describe in **Chapter 3: Daily Cleaning**.

Water Circuit Cleaning

CLEANING OF THE COCA-COLA FREESTYLE® 7000 DISPENSER FOLLOWING A BOIL WATER ADVISORY

Equipment Required

Ensure you have the following equipment before beginning Water Circuit Cleaning.

Kay 5 Sanitizer, 2 1-oz packets (Coca-Cola Part #: 25823)



Clean, lint-free, soft cleaning Cloth



Electric Pump (Coca-Cola Part #: 105486)

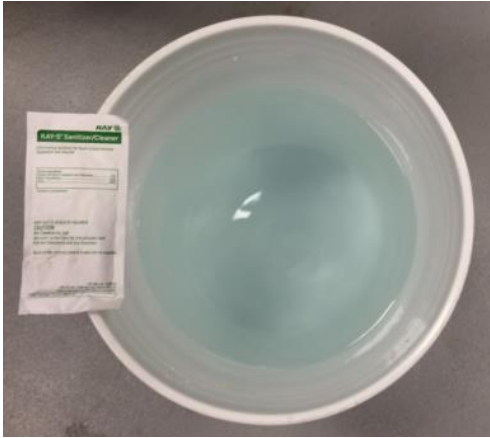


Water CIP Tubing Kit (Coca-Cola Part #: 143275)



Cleaning Procedure

I. Prepare Sanitizer

Step	Action
4.	<p>In a clean 5 gallon <i>Bucket</i>, prepare 5 gallons of Kay-5 <i>Sanitizer</i> (two 1oz packet of Kay-5). Use hot water.</p> <p>Note: Do not exceed 100 ppm <i>Sanitizer</i> strength as this causes damage to the equipment.</p> 
5.	Mix the solution well.
6.	Bring the <i>Bucket</i> to the dispenser.

II. Sanitize the Pump Kit Parts

Step	Action
1.	Rinse the <i>Tubing Kit Fittings</i> from the <i>Water CIP Tubing Kit</i> in warm water to remove any debris or soiling.
2.	Place the rinsed <i>Tubing Kit Fittings</i> into the <i>Bucket of Sanitizer</i> .

III. Prepare the Water Circuit

Depressurize and purge the water circuits.

Step	Action
1.	In the backroom, turn off the water supply to the dispenser.
2.	Remove the <i>Splash Plate</i> to the front of the dispenser (requires removal of two screws - one for plate, one for ground wire).
3.	From the Technician UI, select CARB WATER and purge until CO ₂ gas blows from the nozzle. This might take multiple pours, due to time out. The FS7000 carb motor will turn on and run for two minutes before it times out.
4.	In the backroom, turn off the CO ₂ that feeds the dispenser.
5.	From the Technician UI, select CARB WATER until CO ₂ gas pressure is relieved from the system.
6.	From the Technician UI, select PLAIN WATER and purge until no liquid flows from the nozzle. This should be immediate.
7.	Disconnect the water inlet to the FS7000 carb pump (on the right side) with the quick disconnect.

IV. Connect the Pump

Connect the electric pump to the water circuits.

Step	Action
1.	Insert both of the fittings on the ends of the <i>Water CIP Tubing Kit</i> into the <i>Sanitizer</i> .

Step	Action
2.	Insert the straight fitting end into the <i>Cleaning Electric Pump</i> outlet port, and the 90 degree fitting end into the dispenser pump inlet port. Secure both connections with the locking clip on these ports.
3.	Insert the straight fitting of the <i>Water CIP Tubing Kit</i> into the <i>Sanitizer</i> and then insert into the <i>Cleaning Electric Pump</i> inlet port and secure the locking clip on this port.
4.	Insert the tee-fitting of the <i>Water CIP Tubing Kit</i> into the <i>Sanitizer</i> and ensure that the tee-fitting falls to the bottom of the bucket.
5.	Double check all hose connections and ensure they are secure and locked in place.

V. Perform Cleaning

Step	Action
1.	Plug the cleaning electric pump into the nearest 120 VAC electrical outlet and allow the solution to pump into the system and pressurize both water circuits. Note: The pump should shut off once the circuits are pressurized.
2.	From the Technician UI, select CARB WATER and flow until the solution in the bucket is at the 3 gallon mark. This may require multiple separate presses due to timeout.
3.	From the Technician UI, select PLAIN WATER and flow until the solution in the bucket is at the 2.5 gallon mark. This may require multiple separate presses due to timeout.
4.	Repeat Step 2 until the solution is at the 0.5 gallon mark.
5.	Repeat Step 4 until the remaining solution is depleted from the bucket.
6.	Unplug the cleaning electric pump from the electrical outlet.

Step	Action
7.	Allow the <i>Sanitizer</i> to remain at rest in the water circuits and carbonator tank for 5 minutes.

VI. Flush the Sanitizer

Flush Sanitizer from the water circuits and carbonation tank.

Step	Action
1.	From the Technician UI, select CARB WATER until nothing flows from the nozzle.
2.	From the Technician UI, select PLAIN WATER until nothing flows from the nozzle.
3.	Disconnect the <i>Water CIP Tubing Kit</i> from the <i>Dispenser Electric Pump</i> .
4.	Reconnect the dispenser incoming water line to the inlet of the <i>Dispenser Electric Pump</i> .
5.	In the backroom, open the water supply to the dispenser.
6.	From the Technician UI, select CARB WATER and flow for a minimum of three minutes. This allows supply water to flush the sanitizing solution from the Carb Water circuit. This may require multiple separate presses due to timeout.
7.	In the backroom, open the CO2 Shutoff valve.
8.	From the Technician UI, select CARB WATER and flow until only CO2 blows from the nozzle. This may require multiple separate presses due to timeout.
9.	From the Technician UI, select PLAIN WATER and flow for a minimum of one minute. This allow supply water to flush the sanitizing solution from the Plain Water circuit. This may require multiple separate presses due to timeout.

VII. Return the Dispenser to Service

Restart the carbonator and return the dispenser to service.

Step	Action
1.	From the Technician Dashboard, Re-Initialize the Macro Module. Note: After completing re-initialization, the <i>Carb Motor</i> turns on until it refills the carb tank with water.
2.	From the Technician UI, select CARB WATER until the carb motor turns on, and then wait for carb motor to stop (<30 seconds).
3.	Repeat Step 2 until continuous carbonated water flows from the nozzle (this should take 3 or 4 cycles).
4.	The dispenser is now ready to be placed back into service.