# **INSTALLATION INSTRUCTIONS**



# PRECAUTIONS AND GENERAL INFORMATION

This appliance is intended for commercial use only and is intended for use in dispensing brewed beverage products for human consumption. No other use is recommended or authorized by the manufacturer or its agents.

This appliance is intended for use in commercial establishments, where all operators are familiar with the appliance use, limitations and associated hazards. Operating instructions and warnings must be read and understood by all operators and users.

Except as noted, this piece of equipment is made in the USA and has American sizes on hardware. All metric conversions are approximate and can vary in size.

The following trouble shooting, component views and parts lists are included for general reference, and are intended for use by qualified service personnel.

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## **AWARNING**

Compressed air. LOCK OUT source and BLEED OFF pressure before servicing equipment.

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## **REQUIRED TOOLS:**

- Impact Driver or Drill Driver
- Extension Bit Holder
- #2 Phillips Bit
- 5/16" Nut Driver
- 3/8" Nut Driver
- Needle Nose Pliers (Optional)
- Diagonal Pliers or Oetiker Tool

- Faucet Wrench (included)
- 1" Tower Flare Wrench (Specialty tool Not commonly available at retail store)
- Marking Tool (Permanent Marker or Pencil)
- Tape Measure
- Tubing Cutter
- Copper Knife (optional)

## FACILITY REQUIREMENTS:

- **<u>ELECTRICAL</u>**: 2 X 115VAC/15A OUTLETS
  - 1 ADDITIONAL OUTLET WILL BE NEEDED IF NITROGEN GENERATOR IS BEING USED \*(SEE BELOW)
- WATER: NONE
- DRAIN: OPTIONAL
  - SYSTEM EQUIPPED WITH STATIC DRIP TRAY

\*\*IMPORTANT\*\* If a nitrogen generator is being utilized, remove it from its packaging, close the output valve and connect the system to power <u>before</u> starting the installation process. Turn the system ON and allow the nitrogen generator to come up to full pressure, which is indicated by the N2 generator cycling then turning OFF. Once up to full pressure, turn the unit OFF and note the pressure on the gauge. Allow the system to sit idle for the duration of the installation process and verify that there has been no loss of pressure in the unit.





## **SECTION 1: VERIFICATION OF CONTENTS**

#### **Items Included:**

1. Ensure that all the necessary parts of the JT-QN24-120 system are present.

#### **TH-10016 Installation Accessories**

TH-20000 Drip Tray

Nitrogen shut-off valves

TH-20020 Infusion Control Module

TH-20030 Line Bundle Assembly (This will only be present if the refrigerator has NOT been retrofitted prior to install)

Bundle/Refrigerator accessory kit





TH-20063 Jumper Lines Set

JT-NIT-RTD-4444-T Infusion Tower 4 Product Selectable Nitro



- 2. The installation will also require one of the following, **JADE524-SS03A** Low Profile 24" Wide Refrigerator 120V or **JADE524-SS02A** Low Profile 24" Wide Refrigerator 230V.
- 3. Before beginning make sure there is an available nitrogen supply and corresponding regulator.

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## **SECTION 2: VERIFICATION OF SPACE REQUIREMENT**

#### **Tools Required:**

- Tape Measure
- 1. Verify a horizontal space of 36".
- 2. Verify a minimum 32" vertical space from floor to underside of countertop.
- 3. Overall Thickness of countertop must not exceed 1-3/4" or longer fasteners (not included) will need to be used.
- 4. Refer to page 5 for functional and non-functional equipment configurations.





# FUNCTIONAL LAYOUTS



RIGHT SIDE COOLER BUNDLE

LEFT SIDE COOLER BUNDLE

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# **NON-FUNCTIONING LAYOUTS**

The Right-side panel of the Nitrogen Switching module is ventilated and removable for service. The module must be mounted in a manner that allows for service access and ventilation.







## **SECTION 3: DETERMINING ORIENTATION OF BUNDLE AND LAYOUT**

#### **Tools Required:**

- Tape Measure
- Masking Tape
- Marking Tool (Permanent Marker or Pencil)
- Determine the orientation of the bundle on the refrigerator, which should coincide with placement of the tower on the countertop. Use the functional layouts from the previous page as an aid. If the tower is mounted on the RIGHT side of the installation area, the bundle will be installed on the RIGHT side of the refrigerator. If the tower is mounted on the LEFT side of the installation area, the bundle will be installed on the LEFT side of the refrigerator.

Check site plan to see if the tower will be installed to the left or the right side of the refrigerator if the millwork is not already cored out.

- 1. The Nitrogen Switching Module and Tower will occupy 12 horizontal inches once installed, and the refrigerator the remaining 24"
- 2. Tower can be placed 9.25" from the left wall or 9.25 inches from the right wall (optimal)
- 3. The positions of the control box and tower can be swapped if the install does not accommodate step 2.3.
- 4. The door of the refrigerator is field reversible.







## **SECTION 4: PREPARATION FOR AND INSTALLATION OF TOWER**

#### **Tools Required:**

- Diagonal Pliers or Oetiker Tool
- #2 Philips Screwdriver
- 3/8" Nut Driver
- Faucet Wrench (included)
- 1" Tower Flare Wrench
- 1. Remove the 2 zip ties holding the cabling and tubing in place. Remove the 4 red clips from the union fittings at the base of the tower. Remove the fastener bag and tower gasket from the Tower Accessories Parts Bag.



2. Slide the tower gasket over the cable, tubing, and insulation. Guide the tubing and cable through the 4" penetration. Align the mounting holes gasket holes and tower holes.



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3. The tower should be self-supporting but exercise caution until the fasteners are installed. Install Fasteners, washers, and nuts to complete the marriage. It is helpful to install the front 2 fasteners and tighten just enough to slightly compress the gasket and then install the back 2 fasteners. Tighten the rear fasteners down completely, then return to the front 2 fasteners and finish tightening. Place drip tray at the base of the tower.



4. If location is not utilizing custom tap handles, remove faucet handles from the Tower Accessories Parts Bag and Install onto tower. Screw on clockwise and tighten all the way down by hand. <u>Do not use a wrench to tighten.</u>



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5. Correct any faucet misalignment, carefully adjust the faucet bodies to a vertical position. If any looseness of faucet shank (ability to twist) is noticed during this step, the tower cap must be removed, and the shank nuts tightened. DO NOT twist faucet assembly and shank to fix alignment – this will cause internal damage to the tower.



5.1. If only the faucet is loose, the shank collar is not tightened properly (movement up down and side to side). You can use the faucet wrench to tighten, turn the collar counterclockwise. Firmly grasp the body of the faucet while tightening the collar, do not let the assembly spin, this may lead to having to tighten the shank nuts inside of the tower.



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5.2. Remove the tower cap by removing the two truss head screws from the side of the tower. Place the cap over the faucet handle so that the wires are strain relieved and both hands are free. If necessary, you can unplug the switch harness from the tower cable and completely remove the tower cap assembly.



5.3. Flip up the insulation foam. Use a 1" flare wrench to tighten the shank nut(s). Firmly grasp the faucet to maintain its vertical orientation while you tighten the shank. When Finished the faucet and shank should be tight and in the vertical position. Repeat step 5.2 in reverse order. <u>Caution: If you unplugged the switches, ensure they are reinstalled in the correct location. Do not pinch a wire when re-installing tower cap.</u>







## SECTION 5: MOUNTING THE N2 SWITCHING MODULE

#### **Tools Required:**

- Impact Driver or Drill Driver
- Extension Bit Holder
- #2 Phillips Bit
- Tubing Cutter
- Needle Nose Pliers (Optional)
- 1. Remove the N2 switching module from its plastic bag. Locate the bag of clips and mounting screws taped to the rear of the enclosure. Separate out 4 screws for the next step, the remaining 2 screws are for mounting the power supply.



 There is some flexibility as to how far towards the front of the countertop the module can be located. The regulator knobs should not extend beyond the millwork. Test fit the module in place. Fasten Module to countertop, install at least 2 screws before letting go of the module. One screw in a front corner and one screw in the opposite back corner. Install remaining 2 fasteners.







3. Plug the Tower cable into the N2 Switching Module



- 4. Attach the 4 tower tubes to the N2 Switching Module per steps below. Extra tubing and unions have been included in the installation accessories bag if needed. Keep the tubing length as short as possible for optimal operation while still allowing the module to be dropped to the floor for service operations.
  - 1. White tube to fitting labeled Tower 1, install red locking clip.
  - 2. Red tube to fitting labeled Tower 2, install red locking clip.







- 3. Green tube to fitting labeled Tower 3, install red locking clip.
- 4. Blue tube to fitting labeled Tower 4, install red locking clip.
- 5. Neatly coil the tower cable and nest it in the tubing



4.6. Connect the power supply to the barrel jack on the rear bottom of the enclosure. With 2 remaining screws, mount the power supply to area of millwork where it will not hinder operation or be exposed excessive moisture/abuse. The pushbuttons on the tower will illuminate. If not, change the state of the button from actuated to illuminated by pressing the button. Connect the supplied 6 ft length of white tubing from the Installation accessories bag to the 'N2 INLET – 50 PSI MAX' at the base of the Switching Module and insert a locking clip. Attach the other end of the white tube to the secondary regulator on the outlet of the N2 generator and insert the locking clip. If the installation is using a nitrogen tank, you will need to connect the white tube to a Primary nitrogen regulator (not provided) and potentially a longer length of white tubing.







## **SECTION 6: (SUPPLEMENTAL) REFRIGERATOR CONVERSION INSTRUCTIONS**

IF THE LINE BUNDLE HAS ALREADY BEEN INSTALLED IN THE REFRIGERATOR, PROCEED TO PAGE 19. TO DETERMINE RIGHT VS. LEFT SIDE CONFIGURATION, SEE PAGE 6, SECTION 3.1.

**Required tools:** 

- Impact driver or Cordless Drill
- #2 Phillips Bit
- 5/16" Driver Bit
- Serrated Knife or Pocket Knife with 3" blade Minimum
- Measuring tape
- Oetiker Crimping tool
- Tubing cutter

#### \*\*IMPORTANT\*\*

BEFORE BEGINNING THE PROCESS OUTLINED BELOW, INSPECT THE REFRIGERATOR FOR DAMAGE. PLUG REFRIGERATOR INTO APPROPRIATE POWER SOURCE AND VERIFY PROPER COOLING OPERATIONS. IF ALL SYSTEMS ARE OPERATIONAL, PROCEED WITH STEPS BELOW. REMOVE LASER FILM FROM CEILING, LEFT WALL AND RIGHT WALL INSIDE OF REFRIGERATOR. THE LED LIGHT STRIP ON THE CEILING WILL NEED TO BE REMOVED. THE LIGHT COVER SIMPLY SNAPS IN AND OUT. ONCE FILM IS REMOVED, REINSTALL LIGHT COVER.



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LOCATE ACCESSORY PACK IN INSTALLATION KIT. APPLY SMALL BEAD OF SILICONE AROUND INNER EDGE OF RETAINED ACCESS PLATES AT ACCESS HOLE ON <u>OPPOSITE SIDE</u> OF TUBING BUNDLE PLACEMENT (IN THIS CASE THE RIGHT SIDE) INSERT EOAM INSTITUTION BLOCKS AND USE	
PROVIDED SCREWS TO INSTALL COVER PLATES WITH SILICONE APPLIED. WIPE AWAY ANY EXCESS SILICONE.	
LOCATE TUBING BUNDLE IN ACCESSORY KIT AND CAREFULLY CUT ANY TAPE SECURING THE EXPOSED LINES TO THE OUTSIDE OF BUNDLE. APPLY SMALL SILICONE BEAD AROUND BASE OF FOAM BLOCKS	
FEED EXPOSED BEVERAGE/NITRO LINES INTO REMAINING OPEN ACCESS HOLE (IN THIS CASE THE LEFT SIDE) AND FIRMLY PUSH FOAM INSULATION BLOCKS INTO OPENING. SECURE MOUNTING PLATE WITH PROVIDED HARDWARE	
LOCATE THE TUBING MANAGEMENT BRACKET FROM THE ACCESSORIES KIT. LINE INNER SURFACE OF GROMMETS WITH SUPPLIED LUBE AND FEED PRODUCT LINES THROUGH AS SHOWN.	
BEFORE THE MANAGEMENT BRACKET REACHES THE INSIDE WALL OF THE REFRIGERATOR, APPLY A THIN BEAD OF SILICONE TO INNER PERIMETER OF BRACKET. ONCE APPLIED, PRESS BRACKET FIRMLY TO COOLER WALL AND SECURE WITH PROVIDED HARDWARE.	

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#### LOCATE THE TUBING STRAIN-RELIEF BRACKET IN THE ACCESSORY KIT AND APPLY LUBE TO GROMMETS. <u>ENSURE</u> <u>THE MOUNTING TABS OF THE</u> <u>BRACKET ARE ON TOP AND</u> <u>POINTING TOWARD THE WALL OF</u> <u>THE COOLER.</u> INSERT TUBES AS SHOWN. SECURE TO CEILING OF COOLER WITH PROVIDED MOUNTING HOLES AND SCREWS MEASURING FROM THE STRAIN-

RELIEF BRACKET JUST INSTALLED, CUT TUBES TO THE FOLLOWING LENGTHS:

#### LEFT SIDE CONFIGURATION TAP 1 PRODUCT (FRONT): 1.25" TAP 1 NITRO - WHITE: 3.75" TAP 2 PRODUCT: 5.0" TAP 2 NITRO - RED: 6.5" TAP 3 PRODUCT: 9.0"

TAP 3 NITRO - GREEN: 11.0" TAP 4 PRODUCT: 12.25" TAP 4 NITRO - BLUE (REAR): 14.75"

RIGHT SIDE CONFIGURATION TAP 4 NITRO - BLUE (FRONT): 1.25" TAP 4 PRODUCT: 3.75" TAP 3 NITRO - GREEN: 5.0" TAP 3 PRODUCT: 6.5" TAP 2 NITRO - RED: 9.0" TAP 2 PRODUCT: 11.0" TAP 1 NITRO - WHITE: 12.25" TAP 1 PRODUCT (REAR): 14.75"

LOCATE THE BOX OF TUBING ASSEMBLIES AND SEPARATE THE NITROGEN SUPPLY LINES WITH GREY CONNECTORS FROM THE BEVERAGE SUPPLY LINES WITH BLACK CONNECTORS.









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COLLECT THE NITROGEN SUPPLY LINES LABELLED N1-N4 AND INSERT THEM FIRMLY ON THE TO COLORED NITROGEN LINES IN THE FOLLOWING ORDER: N1 – WHITE N2 – RED N3 – GREEN N4 - BLUE INSTALL RED RETAINER CLIPS INTO EACH OF THE 4 NITROGEN SUPPLY LINES	
LOCATE MOUNTING HOLES IN CEILING OF COOLER FOR MOUNTING NITROGEN LINES. FOR LEFT SIDE CONFIGURATION, USE RIGHT SIDE MOUNTING HOLE. SECURE LINE WITH SUPPLIED CLAMP AND SCREW	
ALL NITROGEN LINES COMPLETE	
COLLECT THE PRODUCT TUBE ASSEMBLIES LABELLED 'PRODUCT #1' THRU 'PRODUCT #4'. INSERT ONE OF THE SUPPLIED OETIKER CLAMPS ONTO THE <u>FRONT</u> PRODUCT TUBE. FOR <u>LEFT SIDE</u> CONFIGURATION, INSERT THE BARBED FITTING OF PRODUCT TUBE ASSEMBLY <u>'#1'</u> IN FRONT TUBE. FOR <u>RIGHT SIDE</u> CONFIGURATION, INSERT PRODUCT TUBE <u>ASSEMBLY '#4'</u> IN FRONT TUBE	
CRIMP OETIKER CLAMP AS SHOWN	











#### SECTION 7: BUNDLE CONNECTION TO TOWER AND SWITCHING MODULE

- 1. Remove any tape or fasteners that are holding the bundle together and unwind bundle.
- 2. Cut the WHITE and GREEN Nitrogen supply lines 2'' 4'' from the insulation at the base of the tower and the RED and BLUE lines 4'' 6'' from the base.
- 3. Locate the 4 Nitrogen Shut-off valves in the accessory kit and fully insert them on the supply lines at base of tower. Insert the cut lengths of the supply lines in the back of the shut-off valves with corresponding colors.
- 4. Insert locking clips at the input and output ends of shut-off valves and OPEN valves as shown.



- 5. Locate the end of the beverage lines at the end of the bundle.
- 6. Insert the 3/8" male quick connectors into the numerically matched female connectors exiting the base of the tower.
- 7. Insert red locking clips into each connector as shown (DO NOT WRAP WITH INSULATION TAPE AT THIS TIME WAIT UNTIL AFTER LEAK CHECK HAS BEEN PERFORMED).



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- 8. If needed, cut the colored Nitrogen supply lines to length and insert them into the female connectors in the back of the Switching Module. Make sure to leave enough tubing length to allow the Module to be removed for service. Align colors with tubing already installed
  - a. WHITE BUNDLE 1
  - b. RED BUNDLE 2
  - c. GREEN BUNDLE 3
  - d. BLUE BUNDLE 4
- 9. Insert red locking clips.







## SECTION 8: LEAK CHECK AND PRE-CALIBRATE THE SYSTEM

1. Follow the instructions for Installing the Nitrogen Generator that were included with the unit. This usually includes a leak-down test. Use the 6ft white tube included with the installation accessories to connect with the external secondary regulator that is attached to the N2 Generator. Connect the other end of the white tube with the N2 Inlet port on the back of the N2 Control Module.



- 2. Install 2 red locking clips included in the Installation Accessories bag onto both newly terminated connections.
- 3. The dispenser portion of the system is designed to receive 30 PSI from the N2 Generator regulator. <u>Pull the knob up on the N2 Generator regulator and turn the knob clockwise until you see 30 PSI on</u> <u>the regulator gauge</u>. Push the knob back down to lock it in place. The generator will most likely kick on during this step. Wait for it to build up pressure and shut off before moving to the next step.
- 4. Inspect the gauge on the N2 generator to verify the system is holding pressure. If pressure is dropping, there is a leak in the system that must be located. The only parts of the system that are receiving pressure currently are the gas jumper lines, the tubes feeding them, and the pre-regulator gas circuit inside of the N2 switching module.
- 5. Ensure the system is free of any leaks
- 6. <u>Adjust all 4 infusion regulators on the N2 switching module to 12 PSI.</u> As before pull the knob out prior to making the adjustment and push back in afterwards. The generator may kick on again, wait for it to shut off before advancing.
- 7. CONNECT AN EMPTY KEG TO EACH OF THE 4 NITRO/PRODUCT LINES IN THE FRIDGE MAKING SURE THAT THE BLACK CONNECTORS ARE ATTACHED TO THE OUTPUT (LIQUID SIDE) AND THE GREY CONNECTORS ARE ATTACHED TO THE INPUT (GAS SIDE). Once the generator has kicked off, allow the system to stay static for 5 minutes and monitor the gauge on the generator. If the gauge is falling rapidly, or the generator will not shut off, there is a leak somewhere. These will need to be fixed prior to cleaning. Since you have already verified that the Gas Jumper Lines, associated tubing and pre-regulator gas circuit are leak-free, the leak may be inside the refrigerator or at the tower tubing connections. Ensure the system is free of any leaks.
- 8. In the accessory kit, locate the 6' roll of adhesive backed insulation tape and pull back 3" of adhesive backing from one end of the roll. Hold the insulation of the line bundle together and insert it up inside the insulation of the tower.
- 9. Using the exposed end of the insulation tape, wrap the insulation bundle just below the underside of the millwork and wrap snugly around the bundle.

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10. Leaving the Nitrogen lines and electrical harness exposed, wrap the insulation tape downward until the bundle is completely sealed and insulated.



11. The Installation is now complete.



## SECTION 9: POST INSTALLATION CLEANING

#### CLEANING SOLUTION:

Use a Sanitizing Solution <u>capable of providing 100 PPM of available chlorine</u> when properly mixed with warm (approximately 100°F /38°C) potable water. <u>Examples</u>:

- 1) <u>KAY 5</u><sup>®</sup> chlorinating sanitizer available from Kay Chemicals in 1ounce packets (requires a Rinse step).
- 2) <u>STERA-SHEEN</u><sup>®</sup> Green Label sanitizer & cleaner available from Purdy Products Company in 2-ounce packets (requires no Rinse step).
- 3) Other Sanitizing Solutions that provide 100 PPM of available chlorine when properly mixed with warm (approximately 100°F /38°C) potable water. Follow all cleaning and rinse instructions for any line cleaner.

#### **CLEANING SOLUTION PREPARATION:**

- <u>KAY 5<sup>®</sup></u>: Mix One, 1-ounce packet of Kay 5<sup>®</sup> sanitizer powder with 2-1/2 gallons / 9-1/2 liters of 100°F / 38°C potable water in a clean product tank.
- 2) <u>STERA-SHEEN®</u>: Mix one, 2-ounce packet of Stera-Sheen<sup>®</sup> sanitizer powder with 2 gallons / 7-1/2 liters of 100°F / 38°C potable water in a clean product tank.
- 3) <u>Other Sanitizing Solutions</u>: In a clean Product tank, mix the recommended amount of sanitizing solution or powder (per instructions) with the required amount of 100°F / 38°C potable water to achieve a 100 PPM concentration of available Chlorine. If using a cleaner with no rinse step, a minimum of 2 gallons must be prepared at a time. If using a cleaner with a rinse step, a minimum of 2-1/2 gallons must be prepared.

**Before** starting the cleaning process, you MUST determine how many faucets you will need to clean. A Four Faucet System will require 64-ounces of cleaning solution for each line for a total of 2-gallons.

- 1. Gather your supplies.
- 2. Place a bucket under the faucets
- **3.** Wash Instructions: 100 PPM available chlorine cleaning solutions listed above.
  - Prepare cleaning solution (see CLEANING SOLUTION PREPARATION above) in a clean 2-1/2, 3- or 5-gallon product tank. Install and latch the tank lid, ensure the relief valve is closed.
  - 2. Confirm that all faucets are closed. Then, connect the Grey Connector to the "IN" tank connection and connect the Black Connector to the "OUT" tank connection from the first set of jumper lines, this will correspond to faucet number one.
  - 3. Working from left to right, place a bucket under the first faucet. Pull and hold the first faucet handle open until ½ gallon (64 ounces) of cleaning solution is dispensed. Close the first faucet.

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When using cleaning fluids or chemicals, rubber gloves and eye protection should be worn.

**JOETAP** | Nitro Coffee On Demand

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- Disengage the LIQUID ball lock fitting from the sanitizer tank (leave the GAS ball lock connected) and connect the product line for the next tap to be flushed.
- Move the bucket to the next faucet and repeat the dispensing portion of this step until ½ gallon (64 ounces) of cleaning solution has been dispensed from every faucet. Repeat steps 4, 5 for as many sets of jumper lines or faucets you have. Discard all liquid.
- 6. IMPORTANT! ALLOW THE CLEANING SOLUTION TO REMAIN IN THE SYSTEM FOR A MINIMUM OF 5 MINUTES
- 7. Disconnect your now empty cleaning cannister from the system. Depressurize the canister, remove the lid, and thoroughly rinse the interior of the vessel.

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When using cleaning fluids or chemicals, rubber gloves and eye protection should be worn.

#### 4. Rinse Instructions:

- 1. Disconnect your now empty cleaning cannister from the system. Depressurize the canister, remove the lid, and thoroughly rinse the interior of the vessel.
- 2. Refill the cannister with 2 Gallons of cool potable water.
- 3. Working from left to right, place a bucket under the first faucet. Pull and hold the first faucet handle open until ½ gallon (64 ounces) of cleaning solution/water is dispensed. Close the first faucet. Move the bucket to the next faucet, hook up the next set of jumper lines and repeat the dispensing portion of this step until ½ gallon (64 ounces) of cleaning solution/water has been dispensed from every faucet.
- 4. If no Pre-Prepared product is available currently, use the now empty product tank to blow the remaining liquid from the lines. Start with 4, move to 3, then 2, and finally 1.
- 5. Turn off the gas supply. Turn off the valve at the top of the nitrogen tank or follow nitrogen generator's specific instructions for turning off gas flow.
- 6. Open the furthest left faucet over a bucket to establish that pressure is removed from the system. Continue to the next faucet, moving from left to right until you have established that all faucets in the system have no remaining pressure.
- 7. Close all faucets before moving to next step.
- 8. Separate the two halves of the filter bowl, located on the liquid product lines inside the refrigerator. \*This may be difficult to remove use caution if utilizing tools that may damage the filter housing.
- 9. Remove the mesh filter element from the housing and rinse filter element and filter bowl of any undissolved sanitizer by lightly brushing and rinsing under warm potable running water.
- 10. Reassemble filter bowl as shown (see fig X). Re-insert the mesh filter element, and screw on the bottom half of the filter bowl.
- 11. Repeat steps 8,9, and 10 for as many filter bowls as are present.
- 12. Turn the gas supply back on.
- 13. Remove and inspect all faucet tips. You should be checking for debris in the faucet tip and if any of the five holes in the restrictor disc are plugged.

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- 14. Clean the faucet tips over a small cleaning bucket with sanitizer with a small brush. Do this to avoid any faucet tip parts from falling into a drain. Once the tips are cleaned, wipe them dry with a clean towel and set aside.
- 15. Use a general-purpose sanitizing cleaner and a clean towel, wipe down faucets, faucet handles, drain pan, tower, surrounding area and all jumper lines.
- 16. Reinstall the faucet tips.
- 17. Wash out the dump pan and grate under warm potable running water. Alternatively, clean and sanitize the dump pan and grate in a 3-compartment sink, Wash, Rinse, Sanitize. <u>The use of a dish washing machine</u> <u>should be avoided, this method may cause the adhesive</u> <u>bumpers on the dump pan to become detached</u>. Pat the dump pan dry and replace to its location at the tower.



When using cleaning fluids or chemicals, rubber gloves and eye protection should be worn.

#### 5. Hook-Up (If Product Is Pre-Prepared)

- 1. Connect all 4 product tanks to their corresponding locations.
- 2. Working from left to right, place a bucket under the first faucet. Pull and hold the first faucet handle open until only the desired product flows from the nose cone. Move the bucket to the next faucet and repeat the dispensing portion of this step until only the desired product flows from the nose cone. Discard all liquid.

