

JT-NIT-RTD-444 OPERATIONS GUIDE



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

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

*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.*

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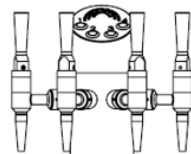
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JOETAP MODEL:

JT-NIT-RTD-4444

ULINE COOLER MODEL

JADE524-SS03A

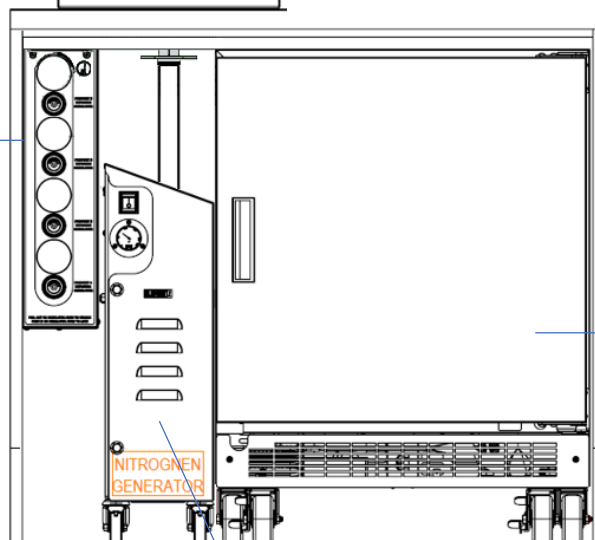


DISPENSING TOWER

- Four taps/Four different beverages
- Independent Nitrogen Infusion Control for each tap
- Illuminated switches for visual confirmation of Nitro activation
- **LED ON = Nitro Active**

N2 CONTROL MODULE

- **INPUT PRESSURE 30 PSI**
- Independent Nitrogen infusion pressure adjustments and gauges for each tap: **Recommended setting 12 PSI**
- Solenoid controlled N2 activation for each tap
- Color Coded nitrogen supply lines
 - **WHITE – TAP 1 (left)**
 - **RED – TAP 2**
 - **GREEN – TAP 3**
 - **BLUE – TAP 4 (right)**



REFRIGERATOR

- Cold storage for up to 4 kegs (2.5 or 3 gallon/ea.)
- Independent temperature and defrost controls

NITROGEN SUPPLY – 30 PSI

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PRODUCT KEG



Relieve any static pressure in the product keg by lifting the ring on the pressure relief valve. Once drained of pressure, lift the locking mechanism of the tank lid and press downward on the lid to push it inside the tank. Twist the lid sideways and tilt it slightly to remove the lid from the tank. To re-insert and lock the lid, reverse the steps as shown.

CONNECTING KEGS FOR DRINK DISPENSING OR CLEANING



Using the Tap Numbers printed on the top of the Dispensing Tower as a guide, connect the labelled Product Supply (BLACK) and Nitrogen Supply (GREY) lines to the correct product keg by placing them on the keg connectors, lifting connector sleeve upward and firmly pressing downward until the connector locks into place. Product lines are labelled 1-4 from left to right to correspond with faucets on the tower which are also 1-4 left to right.

DISPENSING OF PRODUCT



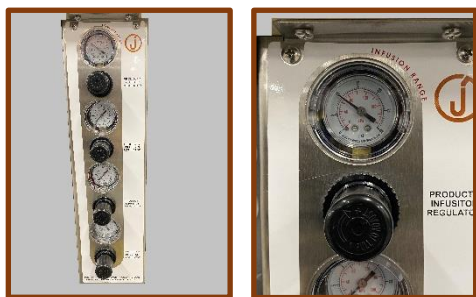
Each of the 4 product taps can pour both nitrogen-infused and non-infused beverages. This option is selected by pressing the buttons at the top of the Dispensing Tower:

ILLUMINATED BUTTON = NITROGEN INFUSION

NON-ILLUMINATED BUTTON = NO NITROGEN INFUSION

Once the desired nitrogen option has been selected, pull the tap handle to a fully horizontal position to dispense product. **It is important that the buttons are left in an illuminated position when the system will be idle for extended periods, such as overnight.**

NITROGEN INFUSION ADJUSTMENT



The regulators located on the front of the Nitrogen Control Module allow for independent control of nitrogen infusion for beverages at each tap. The gauges will indicate the current pressure setting for each regulator. Increasing the nitrogen pressure by turning the regulator knob CLOCKWISE will increase the amount of nitrogen infusion in the beverage. Optimal infusion pressures will vary depending on the type of beverage being dispensed, but generally, setting the infusion pressures between 9 and 12 PSI will provide the desired infusion levels. Any changes should be done in small steps as alterations of 1 PSI will have a noticeable effect on product pours. When decreasing pressures, multiple pours are necessary to allow the pressures to stabilize.

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CLEANING INSTRUCTIONS



Relieve any static pressure in the product keg by lifting the ring on the pressure relief valve. Once drained of pressure, lift the locking mechanism of the tank lid and press downward on the lid to push it inside the tank. Twist the lid sideways and tilt it slightly to remove the lid from the tank.

STERA-SHEEN®: Mix one, 2-ounce packet of Stera-Sheen® sanitizer powder with 2 gallons / 7-1/2 liters of 100°F / 38°C potable water in a clean product tank. Gently swirl water in tank to mix sanitizer. Connect 'Product 1' and 'N1' ball lock connectors to keg.

Ensure all Nitro select switches are not illuminated. Open tap #1 until approximately 64 ounces of sanitizer has dispensed. Leaving the 'N1' connector in place, switch the liquid Ball-Lock connector to 'Product 2'. Open tap #2 until 64 ounces of sanitizer has been dispensed. Repeat this process for taps #3 and #4. Disconnect keg and relieve pressure.

Allow sanitizer to remain in the system for 5 minutes. Rinse the keg well and refill with 100° water. Follow the same procedure as the sanitizing process by connecting the 'Product 1' and 'N1' connectors to keg. Dispense 64 ounces of water from Tap #1 and continue the rinsing process for Taps 2 – 4. Disconnect keg and relieve pressure.

Open each tap to relieve pressure from lines. Disassemble each of the 4 product filters. If they are too tight to unscrew by hand, use a tool with a protective barrier to prevent damage to the housing. Remove and rinse the filter membranes and lower housings under warm clean water. Reassemble the filter housings. Unscrew all 4 Tap Nozzles and verify the holes in the Diffusion Plates are clear of debris.

If debris is present, wash with sanitizer over a bucket to prevent losing nozzle internals. Reinstall nozzles. Wash and sanitize the Drip Tray. Using a towel moistened with sanitizer, wipe down the tower assembly and refrigerator.

CLEANING PROCESS COMPLETE

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SYSTEM TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	RESOLUTION
NO PRODUCT POUR ALL FAUCETS	NO NITROGEN PRESSURE	VERIFY THAT THE NITROGEN GENERATOR IS PLUGGED IN AND THE POWER SWITCH IS IN THE 'ON' POSITION. IF A GAS CYLINDER IS BEING USED, VERIFY SUFFICIENT PRESSURE WITHIN THE TANK BY CHECKING THE PRESSURE GAUGE ON THE OUTPUT REGULATOR.
NO PRODUCT POUR SINGLE FAUCET	NO PRODUCT IN KEG	REMOVE BOTH THE GRAY AND BLACK CONNECTORS FROM KEG AND RELEASE THE PRESSURE BY LIFTING THE RING ATOP THE PRESSURE RELIEF VALVE. REMOVE LID AND VERIFY AMPLE PRODUCT IN KEG.
	BAD CONNECTION AT PRODUCT KEG	REMOVE BOTH THE GREY AND BLACK BALL-LOCK CONNECTORS FROM THE KEG AND RE-INSERT THEM FIRMLY.
	PRODUCT FILTER IS CLOGGED	REMOVE BLACK BALL-LOCK CONNECTOR FROM AFFECTED PRODUCT KEG AND BRIEFLY OPEN THE AFFECTED TAP TO REMOVE PRESSURE FROM THE LINE. UNSCREW BOTTOM OF FILTER HOUSING, THEN REMOVE FILTER ELEMENT INSIDE. CLEAN ELEMENT WITH APPROVED SANITIZER AND RE-INSTALL. RECONNECT KEG AND VERIFY OPERATIONS.
	NOZZLE AT TAP IS CLOGGED	REMOVE NOZZLE FROM DISPENSING FAUCET AND CHECK FOR BLOCKAGE. IF BLOCKAGE IS PRESENT, REMOVE NOZZLE INTERNALS AND CLEAN WITH APPROVED SANITIZER.
NITRO POUR ONLY ALL FAUCETS	POOR CONNECTION TO POWER SUPPLY	VERIFY THAT THE LOW-VOLTAGE POWER SUPPLY CONNECTOR IS PROPERLY INSERTED INTO THE BACK OF THE NITROGEN CONTROL MODULE AT THE LOWER SECTION OF THE REAR PANEL.
	PRIMARY NITROGEN PRESSURE TOO HIGH	VERIFY PRESSURE OUTPUT OF NITROGEN SOURCE IS SET TO 30PSI. ADJUST OUTPUT REGULATOR AS NEEDED.
	ALL PRODUCT HAS BEEN EXPOSED TO NITROGEN PRESSURE FOR MORE THAN 48 HOURS	DISCARD PRODUCT AND CONNECT A KEG OF FRESH PRODUCT TO AFFECTED TAPS.
NITRO POUR ONLY SINGLE FAUCET	PARTIALLY CLOGGED NOZZLE/MISSING RESTRICTOR DISK	REMOVE NOZZLE FROM DISPENSING FAUCET AND CHECK FOR BLOCKAGE OR MISSING RESTRICTOR DISK. IF BLOCKAGE IS PRESENT, REMOVE NOZZLE INTERNALS AND CLEAN WITH APPROVED SANITIZER.
	PRODUCT HAS BEEN EXPOSED TO NITROGEN PRESSURE FOR MORE THAN 48 HOURS	DISCARD PRODUCT AND CONNECT A KEG OF FRESH PRODUCT TO AFFECTED TAPS.
NON-NITRO POUR ONLY – SINGLE FAUCET	MANUAL NITROGEN SHUT-OFF VALVE IS CLOSED	VERIFY THAT THE MANUAL NITROGEN SHUT-OFF VALVES LOCATED AT THE BASE OF THE TOWER, UNDER THE COUNTERTOP, ARE IN THE OPEN POSITION. 
NITRO CARRYOVER WHEN SWITCHING FROM NITRO POUR TO NON-NITRO POUR	INFUSION REGULATOR SET TOO HIGH	AT THE FRONT OF THE NITROGEN CONTROL MODULE, PULL THE KNOB OF THE AFFECTED REGULATOR TO UNLOCK IT. SLIGHTLY ROTATE COUNTER-CLOCKWISE AND CONDUCT A TEST POUR. CONTINUE ADJUSTMENT AND TEST AS NEEDED. (9-12PSI)
	PRIMARY NITROGEN PRESSURE TOO HIGH	VERIFY PRESSURE OUTPUT OF NITROGEN SOURCE IS SET TO 30PSI. ADJUST OUTPUT REGULATOR AS NEEDED.
	PRODUCT HAS BEEN EXPOSED TO NITROGEN PRESSURE FOR MORE THAN 48 HOURS	DISCARD PRODUCT AND CONNECT A KEG OF FRESH PRODUCT TO AFFECTED TAPS.