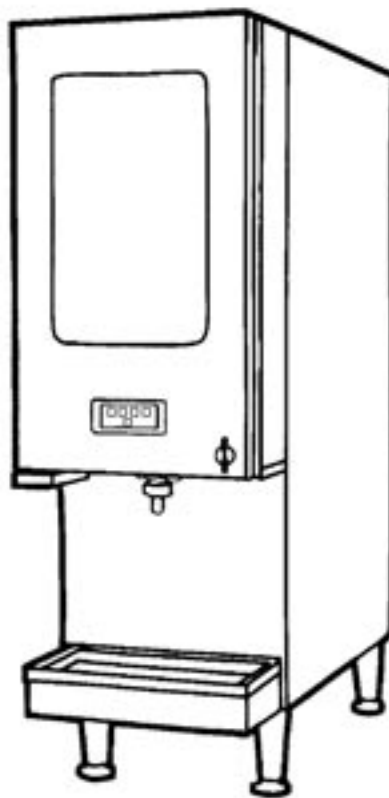




QLT 180/1000-1, 1002-1, & 1001-1

Installation Manual



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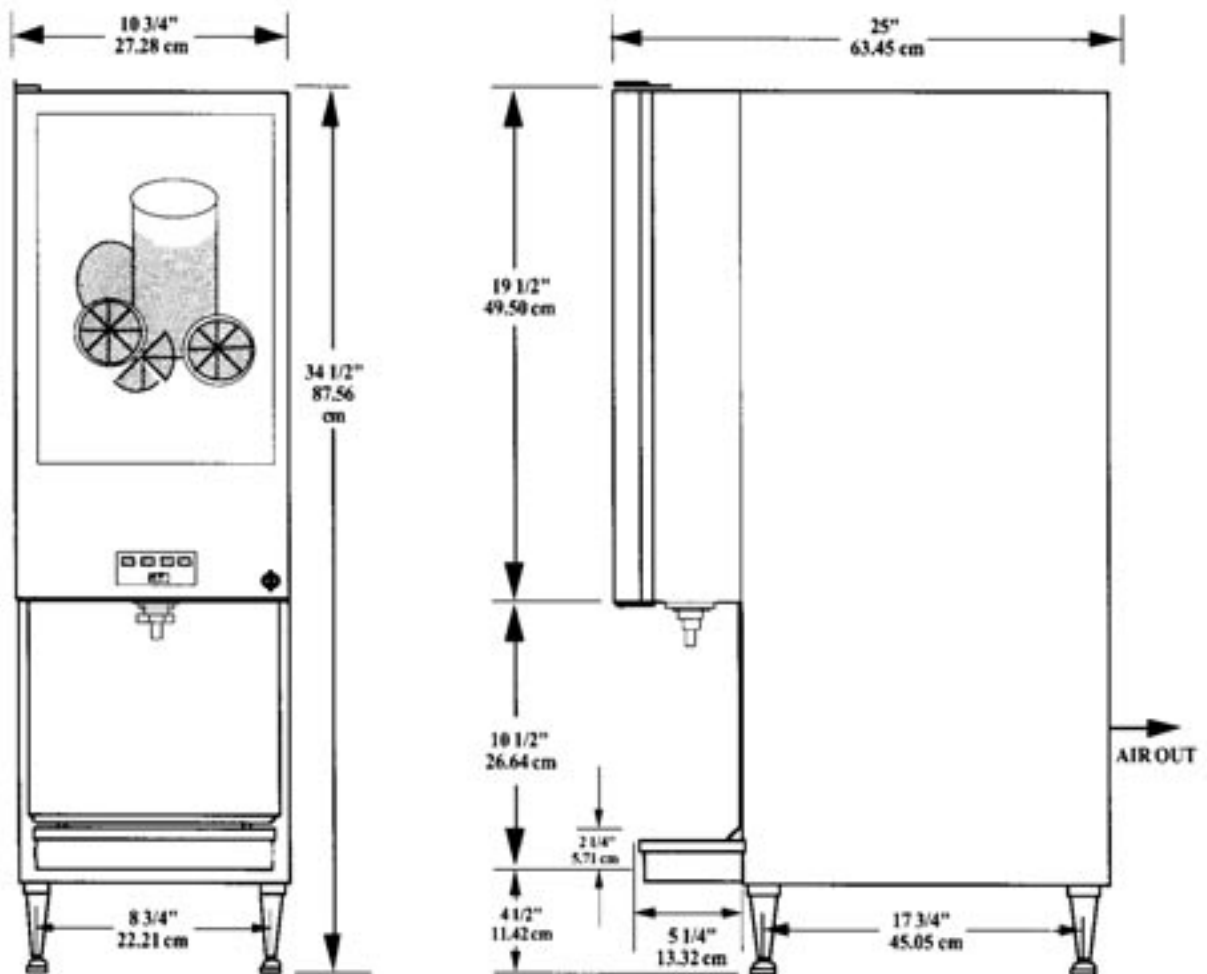
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TABLE OF CONTENTS

UNIT SPECIFICATIONS	1
INSTALLATION	2
Receiving	2
Unpacking	2
Counter Location	2
Connecting Water Supply	2
Electrical	3
Filling Water/Flushing System	3
Concentrate Empty Locator	3
Programming the Portion Control	3
Cancel/Pour Button	3
CONCENTRATE LOADING	4

UNIT SPECIFICATIONS



NAMEPLATE DATA:

Model QLT180/1000-1, 115VAC, 9.43 amps, 1 phase 60 hertz, 6.25 oz. (177g) R-134a refrigerant.

Model QLT180/1002-1, 230 VAC, 5 amps, 1 phase, 50 hertz, 6.25 oz. (177g) R-134a refrigerant.

Model QLT180/1001-1, 220VAC, 5 amps, 1 phase, 60 hertz, 6.25 oz. (177g) R-134a refrigerant.

TEST PRESSURE: High side 250 psi (17.01 bar). Low side 140 psi (9.5 bar).

CONCENTRATE STORAGE: One 1.6 gallon (6 liter) disposable pouch.

CLEARANCE RECOMMENDED: 12" (30.48 cm) on top and 4" (10.16 cm) required in back for air circulation if sides are blocked off. If sides are open only 2" (5.08 cm) are required in back. Space between bottom of the unit and counter top cannot be obstructed in foot print area.

ELECTRICAL CONNECTION: 6 ft. long (1.83 m) power cord with 3-prong plug attached to dispenser (115 volt models). Export voltages (230 volt, 50 hertz) shipping to Europe have Std. Euro-plug. All others have line cord less plug.

POWER SUPPLY: 15 amps at 120 volts, 10 amps at 230 volts, or 10 amps at 220 volts.

WATER CONNECTION: 3/8 in. (.95 cm) SAE male flare fitting on dispenser.

WATER SUPPLY REQUIREMENTS: 100 psi (7 bar) maximum static pressure. 40 psi (2.8 bar) minimum dynamic pressure; i.e., flowing pressure measured at dispenser water inlet with 3.0 ounces (88.7 ml) per second water flow.



INSTALLATION

RECEIVING

Each unit is completely tested and inspected before shipment. At time of shipment, the carrier accepts the unit and any claim for damage must be made with the carrier. Upon receiving from the carrier, please inspect the carton for visible damage. If damage exists, have the carrier make a note on the bill of lading and file a claim with the carrier.

UNPACKING

- Remove staples securing carton to pallet.
- Lift carton up and off of unit.
- Remove top insert and shipping bag.
- Open upper cabinet door and remove installation kit.
- Remove bolts securing unit to pallet.
- Lift unit off of pallet.
- Open the packet, take the legs and secure them to the bottom of the unit.

NOTE: Do not lay the unit on sides or on the back. This may cause vital oils to drain from the compressor resulting in damage during start-up and consequently voiding the warranty.

- Tilt the unit only when securing legs.
- If the unit is to be transported from the place where it was unpacked, do not remove the unit from the pallet. Transport it on the pallet to the installation site.

COUNTER LOCATION

Select a location in a well ventilated area, close to a grounded electrical outlet. If possible do not place the unit close to hot and/or steaming machines.

The minimum clearance is: 4 " (10.16 cm) in back and 12" (30.48 cm) on top and open to the front if sides are blocked off. If sides are open then only 2" (5.08 cm) is required in the back. The space between bottom of the unit and counter cannot be obstructed.

IMPORTANT: Condenser air is drawn in from the bottom and discharged out the back. Failure to maintain clearance space will reduce capacity of the unit and cause premature compressor failure.

CONNECTING WATER SUPPLY

The QLT series Juice Dispensing machine is designed to dispense juice at a high flow rate. It is very important that the incoming water line is dedicated for the unit. This line should not have any other machines connected which could cause a water surge, such as coffee makers or ice machines.

NOTE: The unit MUST be fed by an insulated chilled water line from the soft drink beverage system. To achieve both optimal brix control and sanitization, assure that the incoming water pressure is at least 40 psi (2.8 bar) flowing.

IMPORTANT: The water supply should be consistent with proper water quality standard (neutral ph of 7.0 to 8.0), and should not be connected to a water softener. Drink quality may be affected by poor water conditions. Water connections shall be sized, installed, and maintained according to Federal, State, and Local Laws.

1. Secure the 3/8" (.95 cm) swivel nut on the flexible supply hose to the water inlet located on the underside of the unit. Make sure that the seal washer is used (hose and seal washer are included with the installation kit).
2. When securing flare nut, use backup wrench on male side of the inlet fitting (unit side) to prevent twisting of the copper tube inside the unit and/or possible damage to the water strainer/solenoid. A water shut off outside the unit is recommended.

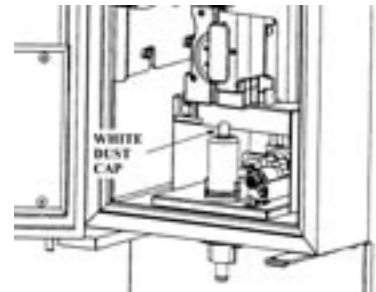
ELECTRICAL

A minimum of 15 amps electrical service is needed for 120VAC power supply or 10 amps for 230VAC supply.

FILLING WATER/FLUSHING SYSTEM

To properly prime the unit with water and remove air pockets in the system, open the cabinet door and make sure the white protective dust cap is in place on top of the mixing chamber. Close the door and push the "cancel/pour" switch for a few seconds. Repeat until a steady flow of water is observed.

NOTE: Water splashing may occur during this purge cycle.



CONCENTRATE EMPTY LOCATOR

The QLT juice dispenser is equipped with the ability to sense when the concentrate is empty. When the refill light on the portion control pad is illuminated, it is time to change the concentrate pouch.

PROGRAMMING THE PORTION CONTROL

The portion control supplied with your orange juiced dispenser has been pre-programmed to pour 7, 12, and 16 ounce drinks. The "extra large" size has also been programmed to pour 16 ounces. Should pour size adjustments be required, please follow the instructions below:



1. Simultaneously, press and hold "small" and "extra large" push button switches on the Portion Control Module until the "REFILL" light in the corner of the module starts blinking. Release the switches. The blinking light indicates the programming mode is active.
2. Place the cup under the white mixing valve nozzle and push the selected size button (small, medium, large, or extra large). **Hold** the button in until the cup fills to the desired portion, then release the button. Repeat the above procedure for the remaining sizes.
3. After programming all the drink sizes, press and release the "cancel/pour" switch to return the Portion Control to the operational mode. The blinking REFILL light will go out.

If at a future date it is decided to change the portion size of the drinks, the individual sizes can be adjusted by the above procedure. It is not necessary to reprogram every size. Additionally the portion control has a full memory retention in case of a power failure.

CANCEL/POUR BUTTON

To pour a drink without using a preprogrammed portion control size, simply push and hold the button. Release when the glass is full.

CONCENTRATE LOADING

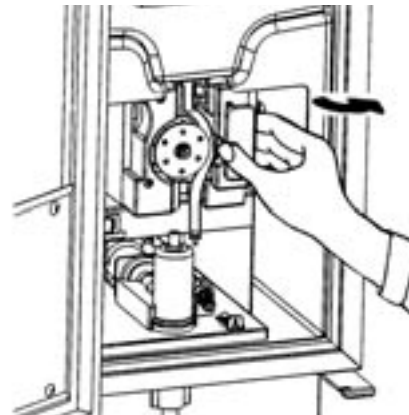
Place the concentrate pouch into the pouch holder and feed the dispense tube through the opening.



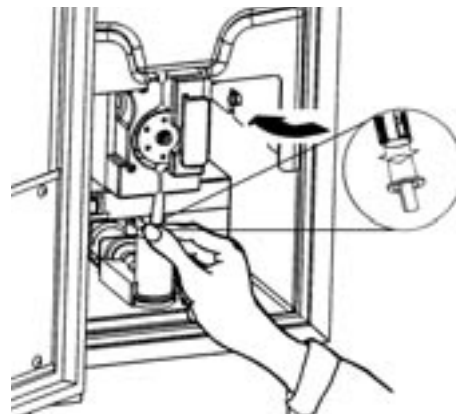
Place the pouch holder on the stainless steel shelf in the dispenser cabinet.



Open the slide block by pulling out on the slide block's handle and move the block to the right. Position the dispense tube around the right side of the pump rotor as shown.



Close the slide block by moving it to the left and lock into place by pushing in on the handle. Remove the sanitary plug from the dispense tube and press the tube over the fitting on the mixing chamber.



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