

California Type Evaluation Program
Certificate of Approval
Weighing and Measuring Devices

For:

Other Measuring Device
Water Dispenser
Models: RO-300AZ, RO-0300BZ, and RO-300CZ

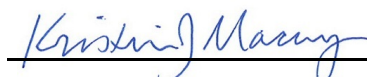
Submitted By:

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Standard Features and Options**Standard Features:**

- Self-Contained Cabinet
- 1 Liter, 1 Gallon, 3 Gallon, and 5 Gallon Vends at 1.5 gallons/minute
- Water Flow Sensor, Make Aguacol Model A
- Digital Totalizer in Gallons
- Sealable Controller Box
- Multi-Drop Bus (MDB) Coin Mechanism with Coin Return
- Dollar Bill Validator
- Credit Card Capability, Apple Pay, Android Pay
- Separate Customer Dispense Initiation Buttons for each Vend Size
- Level Sensors are used for Vapor Elimination

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.



Kristin Macey, Director
Effective Date: February 7, 2018

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Water Dispenser / RO-300AZ, RO-300BZ, and RO-300CZ

Application: Certified for use as a water-vending dispenser.

Identification: The identification badge and service sticker (phone number, address, etc.) is visible on the upper right corner on the outside front of the dispenser.

Model Identifier (e.g., RO-300AZ)		
RO	-300	AZ, BZ, or CZ
RO = Reverse Osmosis	300 = The assigned number	AZ = Non Metrological
		BZ = Non Metrological
		CZ = Smaller cabinet size Non Metrological



ID Badge Example

Sealing: The water dispenser has a Category 1 wire security seal for the meter and the controller box. A wire security seal shall be threaded through a door latch of the controller box and door. The water flow meter and wiring connection plug is located inside a sealable box and is sealed with a wire security seal between the door and the box case. Calibration is achieved by flipping a micro switch in the “CALIBRATE” position and placed back to the “RUN” position prior to sealing the controller box when dispensing a specific draft size.

Operation: This device is a money-value water dispenser that vends in quantities of 1 liter; and 1, 3, and 5 gallons. The delivered volume is regulated by the water flow meter which sends pulses to the controller box.

Test Conditions: The emphasis of the evaluation was on device design, returning of monies statement, accuracy, sealing, and identification requirements. Field tests were conducted on the Aguacol Model A water flow sensors to verify the accuracy of the 1 liter and 1, 3, and 5 gallon water vends. Throughput of 2,000 vends were recorded between the initial and permanence tests.

Evaluated By: J. Contreras and J. Roach (CA)

Type Evaluation Criteria Used: *California Code of Regulations, Title 4, Division 9, Chapter 1, Article 1. General Code 1.10. and Section 3.36. Water Meters, 2018 Edition*

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

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Water Dispenser / RO-300AZ, RO-300BZ, and RO-300CZ

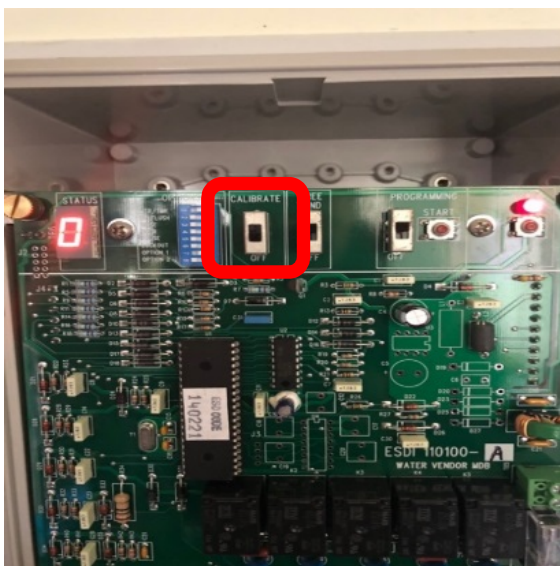
Example(s) of the Device:



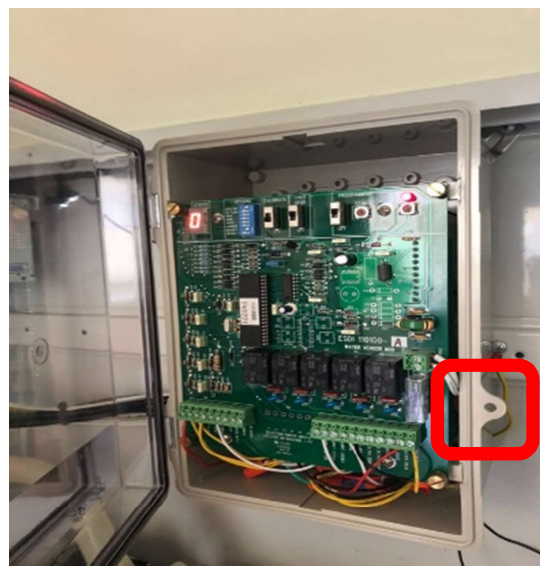
Model RO-300 AZ



Model RO-300 BZ



Controller PCB Showing Calibration Switch



Controller Box Sealer Location

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Water Dispenser / RO-300AZ, RO-300BZ, and RO-300CZ



Aguacol Meter inside a sealable box

Meter wiring plug inside a sealable box



Button Markings: Examples of the buttons showing the units of measure and the price