

# ADU-42CF

## SINGLE VOLTAGE GFCI ONLY

### END USER VERIFICATION

- Measurements below are TYPICAL, meaning they do not carry tolerances. This is due to the non-precision nature of the oscillating pump and the heater element. However they SHOULD be within the stated ranges.
- All sinks are thoroughly tested, and correct functioning is verified prior to shipment. If something is slightly out of the range, it is probably still acceptable. The perceived variability is likely based on a difference in the end user's verification setup or process.
- If a measurement is significantly out of range, or if you question the measurement you are getting, please contact Aseptico Customer Service and we will help troubleshoot the issue.

**INSTRUCTIONS ARE ONLY ACCURATE FOR  
SINKS WITH SEPARATE SINGLE VOLTAGE  
(120 AND 230VAC) GFCIs  
DO NOT USE WITH DUAL VOLTAGE, SINGLE GFCI SINKS**

## THE FOLLOWING ITEMS MAY BE HELPFUL TO YOUR VERIFICATION PROCESS:

- **MULTIMETER** – capable of measuring voltage as well as temperature
- **THERMOCOUPLE** – must match the Multimeter's input type or measurements will be incorrect
- **WASTE HOSE** – comes with sink
- **CLAMP** for Waste Hose
- **FOOT SWITCH** – comes with sink
- **INTAKE HOSE** – comes with sink
- **10 PSI REGULATED AIR** – connected to an Intake Hose to be used for Purge step.
- **WATER TANK** – room temperature water – Jerry can or equiv.

## VERIFICATION PROCEDURE (1-13)

1. Confirm continuity between **INLET GROUND PIN** and **CHASSIS GROUND**.

2. Attach **WASTE HOSE ASSEMBLY (330284)** to bottom of sink.

3. Attach **INTAKE HOSE ASSEMBLY (330252)** to **WATER**

4. Attach **FOOT SWITCH ON/OFF (AE-7PM)** to unit.

5. Immerse **INTAKE HOSE** into a water supply tank, with water at approximate room temperature (68°F/20°C).

6. Total **HEAD** (distance between top of spout and water surface in supply tank) should be approximately 30 inches.

### NOTES:

- The following checks may be performed with either 115VAC or 230VAC as long as the correct GFCI is attached.
- When checking **FLOW** and using 115VAC source, use: 115 Volt GFCI with Steps 7 and 8.
- When checking **FLOW** and using 230VAC source, use: 230 Volt GFCI with Steps 9 and 10.

## 7. Check - Low Flow – 115VAC (if available).

- a. Use 115V GFCI unit and plug unit into 115VAC.
- b. Insert temp probe/thermocouple through faucet into Sink Tank, 31.5 inches from faucet tip.
- c. Set Flow Switch to LOW.
- d. Reset GFCI to turn unit ON. Green Light will come on.
- e. Press FOOT SWITCH to begin drawing from water supply tank.

**CAUTION – DO NOT run pump dry for more than two minutes as irreversible pump damage may occur.**

- f. Start timing the process.
- g. Continue to fill Tank until the Amber Heater Light turns ON.
- h. Remove foot from Pedal when Amber Light comes on and check timer.

**NOTE: SHOULD take around 3 minutes or less for Amber Light to turn ON** depending on how much water is in the INTAKE HOSE and the individual characteristics of the pump.

- i. Amber Light will remain lit until the Heater goes off – stop timer when light goes out.

**NOTE: SHOULD take about 8 minutes or less for Amber Light to go OFF** depending on the temperature of the source water.

- j. Measure water temperature.

**NOTE: SHOULD measure between 93°F and 115°F (33°C and 46°C).** This might vary a couple of degrees, depending on the actual location of the temperature sensor inside the tank, as the temperature gradient is not uniform.

- k. Press BLACK TEST button to turn **OFF** GFCI.

## 8. Check - High Flow – 115VAC (if available).

- a. Attach hose to PURGE.
- b. Drain Tank
- c. Set Flow Switch flow to HIGH.
- d. Change hose from PURGE to INLET.
- e. Reset GFCI to turn unit ON. Green Light will come on.
- f. Press FOOT SWITCH to begin drawing from water supply tank.

**CAUTION – DO NOT run pump dry for more than two minutes as irreversible pump damage may occur.**

- g. Start timing the process.
- h. Continue to fill Tank until the Amber Heater Light turns ON.
- i. Remove foot from Pedal when Amber Light comes on and check timer.  
**NOTE: SHOULD take around 2 minutes or less for Amber Light to turn ON** depending on how much water is in the INTAKE HOSE and the individual characteristics of the pump.
- j. Amber Light will remain lit until the Heater goes off – stop timer when light goes out.

**NOTE: SHOULD take about 8 minutes or less for Amber Light to go OFF** depending on the temperature of the source water.

- k. Measure water temperature.

**NOTE: SHOULD measure between 93°F and 115°F (33°C and 46°C).** This might vary a couple of degrees, depending on the actual location of the temperature sensor inside the tank, as the temperature gradient is not uniform.

- l. Press BLACK TEST button to turn **OFF** GFCI.

## 9. Check - Low Flow – 220VAC (if available).

- a. Use 230V GFCI unit and plug unit into 220VAC.
- b. Insert temp probe/thermocouple through faucet into Sink Tank, 31.5 inches from faucet tip.
- c. Set Flow Switch to LOW.
- d. Reset GFCI to turn unit ON. Green Light will come on.
- e. Press FOOT SWITCH to begin drawing from water supply tank.

**CAUTION – DO NOT run pump dry for more than two minutes as irreversible pump damage may occur.**

- f. Start timing the process.
- g. Continue to fill Tank until the Amber Heater Light turns ON.
- h. Remove foot from Pedal when Amber Light comes on and check timer.

**NOTE: SHOULD take around 3 minutes or less for Amber Light to turn ON** depending on how much water is in the INTAKE HOSE and the individual characteristics of the pump.

- i. Amber Light will remain lit until the Heater goes off – stop timer when light goes out.

**NOTE: SHOULD take about 8 minutes or less for Amber Light to go OFF** depending on the temperature of the source water.

- j. Measure water temperature.

**NOTE: SHOULD measure between 93°F and 115°F (33°C and 46°C).** This might vary a couple of degrees, depending on the actual location of the temperature sensor inside the tank, as the temperature gradient is not uniform.

- k. Press BLACK TEST button to turn **OFF** GFCI.

## 10. Check - High Flow – 220VAC (if available).

- a. Attach hose to PURGE.
- b. Drain Tank
- c. Switch flow to HIGH.
- d. Change hose from PURGE to INLET.
- e. Reset GFCI to turn unit ON. Green Light will come on.
- f. Press FOOT SWITCH to begin drawing from water supply tank.

**CAUTION – DO NOT run pump dry for more than two minutes as irreversible pump damage may occur.**

- g. Start timing the process.
- h. Continue to fill Tank until the Amber Heater Light turns ON.
- i. Remove foot from Pedal when Amber Light comes on and check timer.  
**NOTE: SHOULD take around 2 minutes or less for Amber Light to turn ON** depending on how much water is in the INTAKE HOSE and the individual characteristics of the pump.
- j. Amber Light will remain lit until the Heater goes off – stop timer when light goes out.

**NOTE: SHOULD take about 8 minutes or less for Amber Light to go OFF** depending on the temperature of the source water.

- k. Measure water temperature.

**NOTE: SHOULD measure between 93°F and 115°F (33°C and 46°C).** This might vary a couple of degrees, depending on the actual location of the temperature sensor inside the tank, as the temperature gradient is not uniform.

- l. Press BLACK TEST button to turn **OFF** GFCI.

## 11. Check - Drain and Spout leaks.

- a. Remove temperature probe.
- b. Make sure that spout is in the full upright position and the locking ring is in place.
- c. Clamp drain hose.
- d. Reset GFCI to turn unit ON. Green Light will come on.
- e. Press Foot Pedal until water comes out of the Spout, fills the Drain and partially fills the bottom of the Basin.
- f. Check base of Spout for leaks.
- g. Check Tailpiece beneath unit for leaks.
- h. Remove clamp from drain hose and empty Basin.
- i. When this phase of test is complete, press BLACK TEST button to turn **OFF** GFCI and drain Tank.

## 12. Purge Water Tank and Lines.

- a. Adjust Compressor Pressure to 10 psi.
- b. Attach Drain Hose to PURGE fitting.
- c. Attach compressor Hose to WATER fitting.
- d. Check that Power Cord is attached.
- e. Reset GFCI to turn unit ON. Green Light will come on.
- f. Cover spout opening with your finger to block flow of water.
- g. Press Foot Pedal to energize pumps, then IMMEDIATELY turn on air pressure.
  1. Failure to do this in the proper order, or waiting too long after energizing pump before turning on air pressure, can damage the pump.
- h. Since the Spout opening is blocked by your finger, the air pressure in the unit will push the water from the system.
  1. This may take approximately 10 – 20 seconds.
- i. When system is drained, turn off air and IMMEDIATELY release the Foot Pedal.
- j. Turn off power and disconnect Power Cord, Hoses and Foot Pedal.
- k. Check that appropriate voltage GFCI is attached to sink unit.

## 13. VERIFICATION PROCESS is complete.