

OWNER'S MANUAL

CAMKIOSK® HAND SINK CART

This manual applies to the following CamKiosk Hand Sink Cart models:
KSC402



CAMBRO
TRUSTED FOR GENERATIONS™

www.cambro.com

Table of Contents

I. Introduction 2

II. Assembly 3

III. Start-Up and Daily Operations 4-5

IV. Troubleshooting Guide 6

V. Care & Maintenance 7

VI. Replacement Parts 7

VII. Warranty and Service 8

I. Introduction

I. Introduction

Congratulations on the purchase of your new Cambro CamKiosk® Hand Sink Cart. This Owner's Manual provides you with a step-by-step guide to operating and maintaining your new cart.

If you have any further questions, please contact your Cambro Sales Representative, visit www.cambro.com or call our Customer Service Department at 800.833.3003 (International customers please call 714.848.1555).

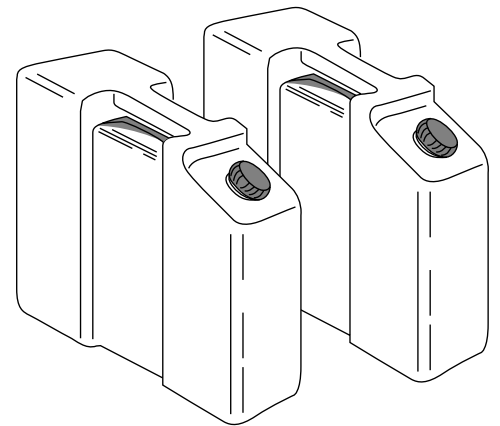
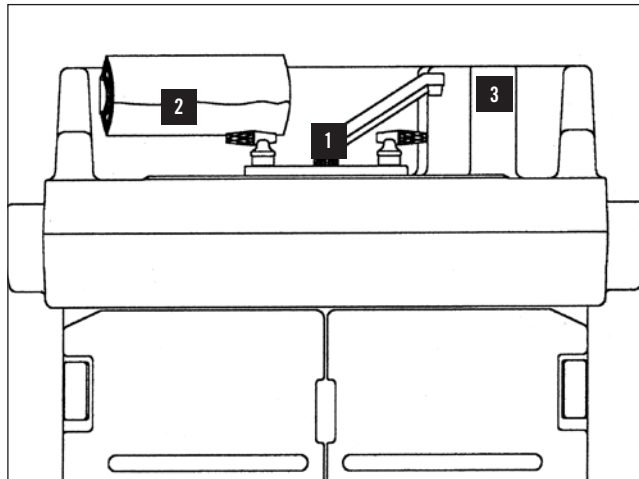
II. Assembly

Parts Checklist

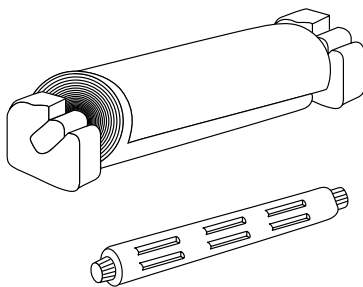
- 1 – Faucet spout (1)
- 2 – Towel holder (1)
- 3 – Soap dispenser (1)
- 4 – Waste water tanks – gray (2)
- 5 – Fresh water tanks – white (2)

Assembly Instructions

1. Install faucet spout by carefully positioning into center port and then carefully tightening collar nut.
2. Snap paper towel roll into the towel holder making sure that the paper tab comes over top of roll.
3. Make sure drain flex line is positioned so it can flow to either waste tank when properly placed in lower compartment. *See Start Up & Daily Operation* for details.



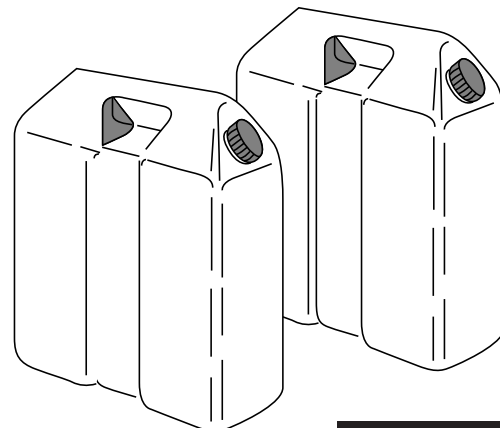
4. Waste Water Tanks



2. Towel Holder



3. Soap Dispenser

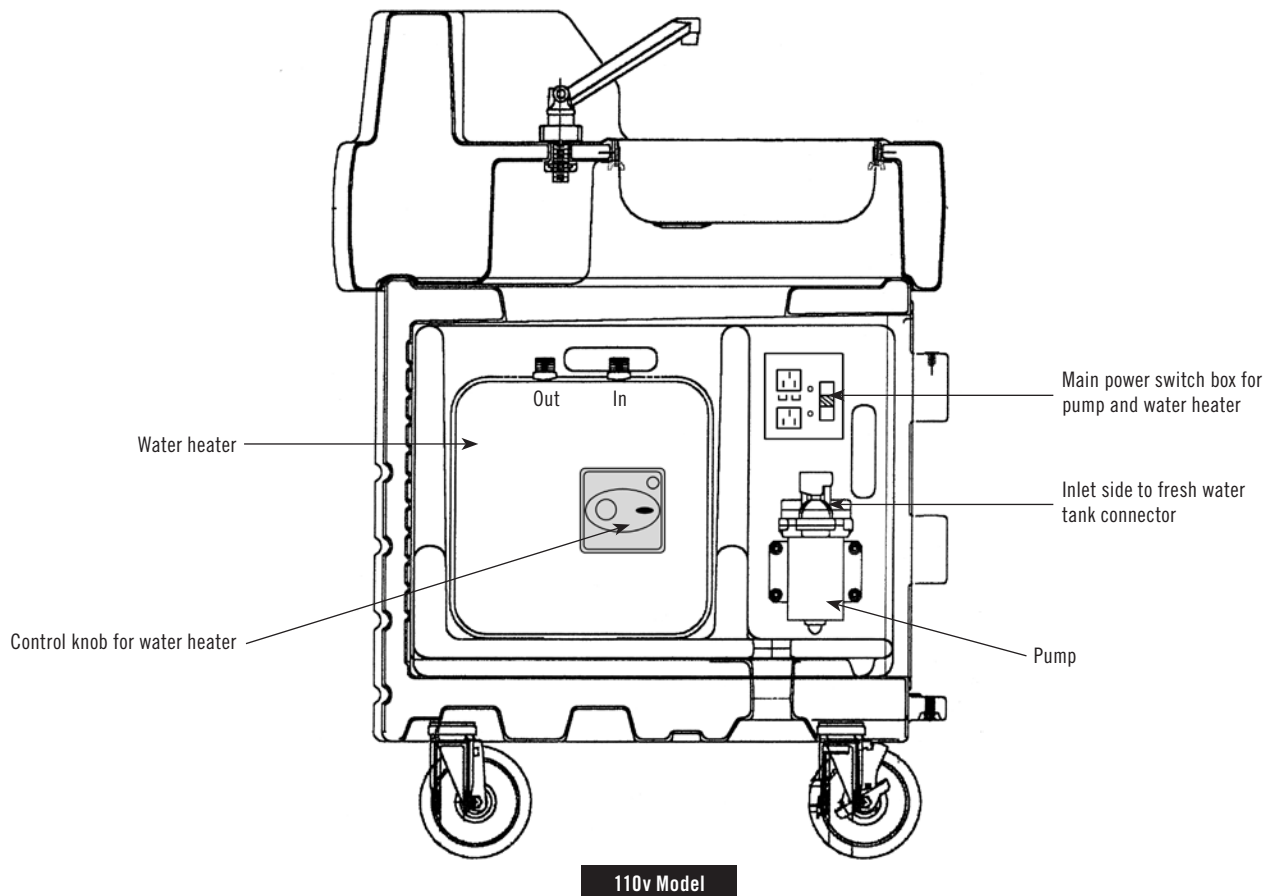
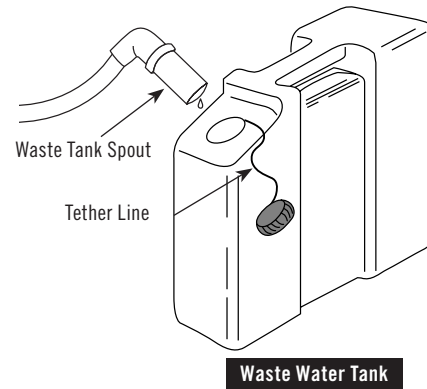
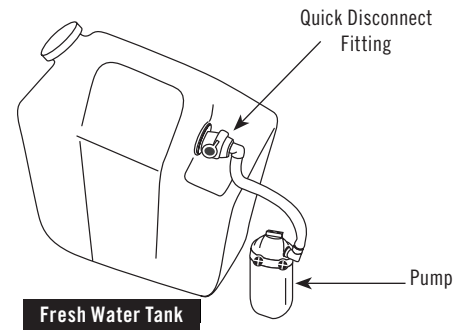


5. Fresh Water Tanks

III. Start-Up and Daily Operations

First Time Use of Hand Sink Cart

1. Fill one of the fresh water tanks with tap water, connect pump line to water tank connector, and loosen cap for ventilation.
2. Check that drain nozzle is in the waste tank spout. Leave cap to hang by tether line.
3. Plug in electric cord to a convenient 110v outlet.
4. Open *hot* side valve on faucet about one quarter turn. Turn switch on electric box to start pump. With water heater turned *off*, allow pump to fill water heater until water begins to run out of the faucet spout, then shut valve.
5. Do the same for the *cold* side of faucet. This will *bleed* off air in water lines.
6. Turn Control Knob to on position on side of water heater, (switch will light up) and allow time for heater to begin heating water inside tank. Allow approximately ten (10) minutes.
7. Place second set of tanks in front area pushing first set to the back of cart. Close door.
8. You are now ready to use the Hand Sink Cart.



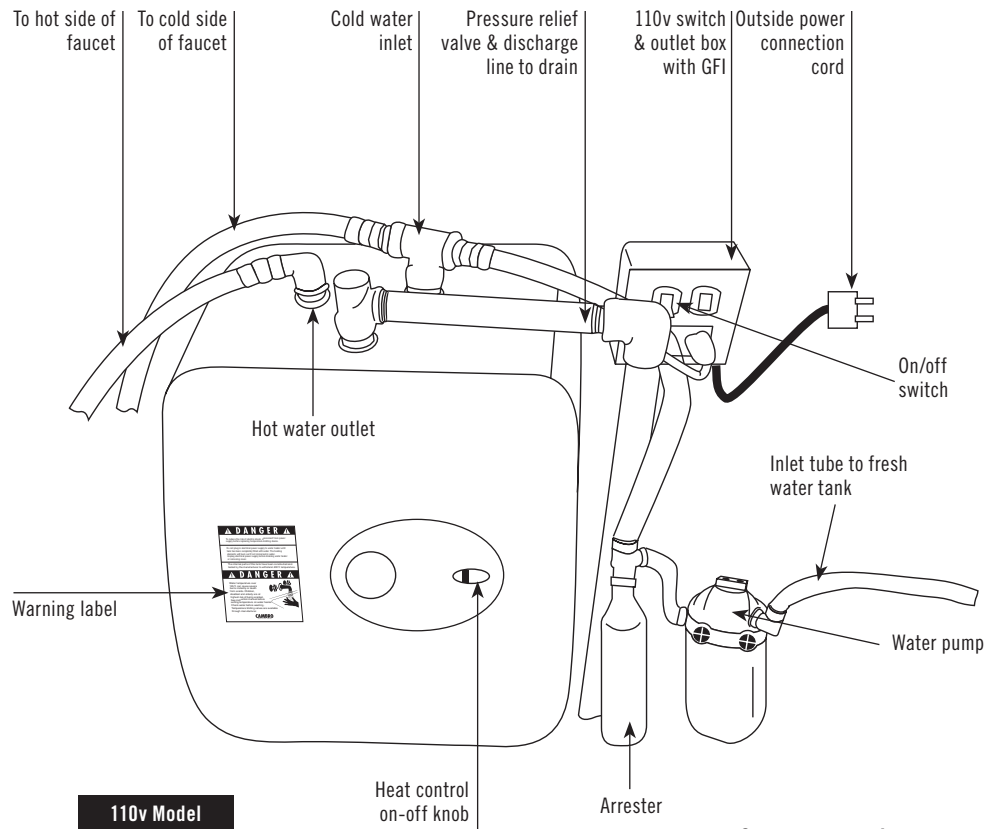
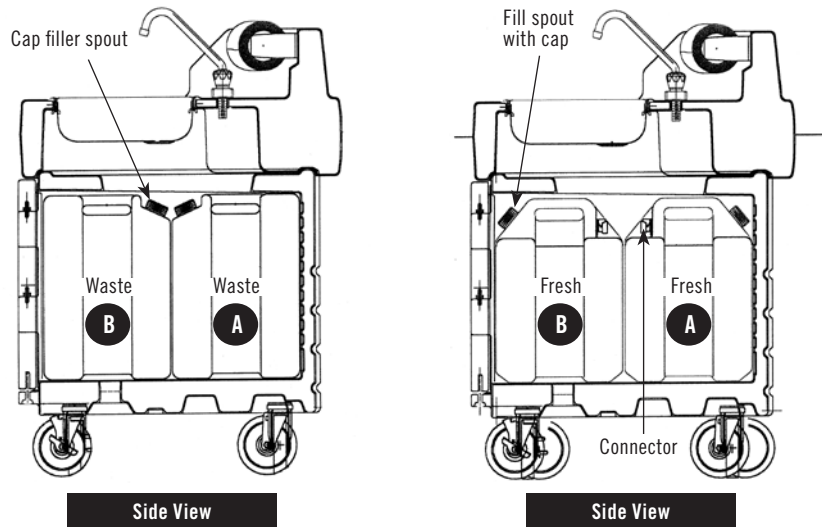
III. Start-Up and Daily Operations

Daily Operation

1. Fill both fresh water tanks.
2. Place one set of tanks (fresh and waste) into sink cart and connect drain and pump lines as stated in *Start Up*.
3. Push to the back of the sink cart cabinet.
4. Place second set of tanks in front area for later use and close doors.

Changing Tanks

1. To change to second tank supply, remove front fresh water tank.
2. Switch drain line nozzle to front waste tank (B).
3. Switch pump line from empty water tank to second full tank and place back into its position in front.
4. Briefly turn on faucet to check that pump is moving water through system. If so, close doors. You're ready with 5 more gallons.



See your water heater manual for adjusting water temperature.

Connecting Your Hand Sink Cart to a CamKiosk®

Note: you will need one Bridge Connector (CamKiosk accessory KMC24, sold separately.)

1. With both Hand Sink Cart and CamKiosk positioned the proper distance, place top bridge so that it engages with handles of both carts.
2. Install clamp pieces so that they fit over underside of handles on either side and tighten with 4 arm knobs at each slot position.
3. Using ¼" thumb screws, place strap brackets on either side of open space between carts, look for threaded insert at front corner of each cart, along bottom edge.
4. Position front panel on strap brackets and install ¼" thumb screws into inserts on bottom edge of panel (leave loose).
5. Going under top bridge, install ¼" x 2 ½" long 3 lobe knobs through slots in top of front panel and tighten against top bridge's front section.
6. Once front panel is properly positioned, tighten bottom ¼" thumb screws either side along bottom edge of panel and both cart bodies.

Hot Water Heater Unit

Daily Operation

- Make sure power supply is on and working.
- If light does not come on, check that the reset button is pushed in. This is found behind the face cover of the unit. You will need a Phillips screwdriver.
- If indicator light works properly but temperature does not get hot at the tap, test for a plumbing crossover; shut off cold supply to heater and open hot water tap. No water should be flowing. Any continued flow indicates a crossover which will affect the temperature and will need to be corrected.
- Heating element may need to be replaced. (Please refer to your hot water heater handbook for replacement instructions.)

Light Not on

- If light does not come on, but water gets hot, check for faulty bulb.
- Check reset button mentioned in earlier section.

Brown Water

Brown or rusty water indicates a “spent” anode rod. Replace anode rod.

Odor in Water

Smelly water could be due to an unusual reaction between local water and the heater’s anode rod. Check anode rod.
(See section on changing anode rod in hot water heater handbook.)

Water is Too Hot

Remove face plate on front of heater and rotate the temperature selector counter-clockwise to lower temp. If temperature never lowers, then replace the thermostat. (See hot water heater handbook for details on this operation.)

Leaking

Periodically check all water fittings to and from heater unit. Also remove the face cover and check the gasket to the heating element inside.

Note: Always keep this operator’s manual and the hot water heater handbook together for operation reference and troubleshooting points.

Water Pump

Pump Will Not Start

- Is the motor hot? Thermal breaker may have triggered; it will reset when cool.
- Check wall outlet for voltage (fuse or breaker).
- Check pressure switch operation and correct voltage at switch or motor wires.
- Check rectifier or motor for open or grounded circuit.
- Check for locked drive assembly.

Pump Will Not Prime

- Out of product?
- Check strainer for debris.
- Check Inlet tubing / plumbing for severe vacuum leak.
- Inlet / outlet tube severely restricted (kinked)
- Check for debris in pump inlet / outlet valves.
- Proper voltage with the pump operating (+/- 10%)
- Check pump housing for cracks.

Leaks from Pump Head or Switch

- Check for loose screws at switch or pump head.
- Is switch diaphragm ruptured or pinched?
- Check for punctured diaphragm if fluid is present at bottom drain holes.

Pump Will Not Shut off (Pressure switch equip.)

- Output line closed and no leaks
- Check for air trapped in outlet line or pump head.
- Check for correct voltage to pump (+/- 10%)
- Check Inlet / outlet valves for debris or swelling.
- Loose drive assembly or head screws.
- Pressure switch operation / adjustment incorrect. Refer to pump (Shurflo) service bulletin #1031 for differential and pressure adjustment procedure. (110v Model)

Noisy / Rough Operation

- Mounting feet are compressed too tightly.
- Loose pump head or drive screws.
- Does the mounting surface multiply noise? (flexible)
- Is pump plumbed with rigid pipe causing noise to transmit?

Note: This pump is to be used for the circulation of water only. No solvents—especially flammable liquids—are to be used in this system.

V. Care and Maintenance

Water Tanks

Disconnect the outgoing line from tank and empty the tank. Wash out with a mild detergent using a soft brush and rinse with fresh water. Always empty the tank after using and store empty.

Waste Water Tank

Empty the tank and wash out with a mild detergent using a soft brush and rinse with fresh water. Always empty the tank after using and store empty.

Stainless Steel Hand Sink Cart and Faucet

Under ordinary conditions, light swabbing with soap or detergent, rinsing with clear water, and wiping with a cloth or dish towel should remove everyday dirt. Occasional scouring with a household cleanser is recommended. Remember to rub in the direction of the grain lines in the metal. **Never use steel wool or sharp knives to clean your sink.** The Hand Sink Cart is manufactured for hand washing capability, not for food preparation. If food is placed in the sink, please beware that some food, such as mustard, mayonnaise, lemon juice, vinegar, or salt are acidic or contain chlorides that will attack and corrode stainless steel if left in the sink for extended periods.

Soap Dispenser

Rinse out soap container with warm water. The dispenser handle should be cleaned daily with a clean wet cloth. Never use abrasive cleaners, detergents or steel wool.

Casters

Caster maintenance should be performed after every cleaning.

1. Grease swivel raceway of caster using a lubricant such as Lubriplate #930-AA, Keystone #84EPXLT multi-purpose grease or equivalent. Apply grease using a grease gun with a needle nose adapter or a tube-type applicator such as Sta-lube Moly-graph Assembly Lube (Fig.1). These can be obtained at most auto parts stores.
2. Use a light oil such as WD-40 on the hub (Fig.2). Check caster for damage and test caster spin and swivel rotation before returning to service.



Fig. 1



Fig. 2

VI. Replacement Parts

Please visit www.cambro.com for a complete list of replacement parts. The model number of the Cambro CamKiosk® Hand Sink Cart and/or heater is required to determine the correct replacement part. The cart model number can be found on the left side of the cart. Each heater has a label marked with heater serial and model number.

TO ORDER REPLACEMENT PARTS:

- Call Cambro Customer Service at 800 833 3003 or
- Call International 714 848 1555
- Fax your order to 714 842 3430 or
- Call your local Cambro Representative or Distributor

LIMITED ORIGINAL COMMERCIAL ELECTRICAL EQUIPMENT WARRANTY

Cambro Manufacturing warrants its new product(s) to be free from defects in material and workmanship for a period of one (1) year from the date of shipment from authorized CAMBRO distribution locations.

This Warranty is subject to the following conditions and limitations:

1. This warranty is limited to product(s) sold by Cambro Manufacturing to the original user in the continental United States and Canada. For International Warranty Claims contact your local Cambro Representative.
2. The Liability of Cambro Manufacturing is limited to the repair or replacement of any part found to be defective. Parts and labor required for preventative maintenance or cleaning are not covered under this warranty.
3. Cambro Manufacturing will bear normal charges incurred in the repair or replacement of a warranted piece of equipment within 50 miles (80 kilometers) of an authorized service agency. Time and travel charges in excess of 50 miles (80 kilometers) will be the responsibility of the person or firm requesting the service. All labor to repair and/or service the warranted unit(s) shall be performed during regular working hours. Overtime premium will be charged to the buyer and is NOT covered by this warranty.
4. Charges incurred by delays or operating restrictions that hinder the service technician's ability to access or perform service to equipment in question are NOT covered by this warranty. This includes Institutional, Correctional, Military, and marine facilities.
5. Cambro Manufacturing will bear no responsibility or liability for any product(s) which have been mishandled, abused, misapplied, misused, subjected to harsh chemical action, damaged by flood, fire, or other acts of nature, field modified by unauthorized personnel or which have altered or missing serial numbers.
6. Cambro Manufacturing does not recommend or authorize the use of any product(s) in a non-commercial application, including but not limited to residential use. The use or installation of any product(s) in non-commercial applications renders all warranties, express or implied, including the warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, null and void, including any responsibility for damage, costs and legal actions resulting from use or installation of product(s) in any noncommercial setting.
7. Adjustments such as calibrations, leveling, tightening of fasteners or utility connections normally associated with the original installation are the responsibility of the dealer or installer and not that of Cambro Manufacturing. Improper installation includes, but is not limited to, use of inadequate electrical wiring and/or insufficient or improper voltage.
8. Replacement part(s) which are replaced in the field by CAMBRO authorized service technicians ONLY will be warranted for the duration of the equipment warranty or 90 days effective from date of installation, whichever is greater. This warranty is for part(s) cost only and does not include freight or labor charges.
9. This states the exclusive remedy against Cambro Manufacturing relating to the product(s), whether in contract or in tort or under any other legal theory, and whether arising out of warranties, representations, instructions, installations or defects from any cause. Cambro Manufacturing shall not be liable, under any legal theory, for loss of use, revenue or profit, or for substitute use of or performance, or for incidental, indirect, or special or consequential damages or for any other loss or cost of a similar type.
10. THIS WARRANTY AND THE REPRESENTATIONS AND TERMS SET FORTH HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, INCLUDING BUT NOT LIMITED TO, OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR PARTICULAR USE AND CONSTITUTES THE ONLY WARRANTY OF CAMBRO MANUFACTURING WITH RESPECT TO THE PRODUCT(S).

RETURN POLICY: Cambro Manufacturing products cannot be returned without prior written factory authorization (**RMA**). The restocking charge is 15% plus any costs required to recondition the equipment. No returns accepted after 90 days from date of invoice. Electrical components returned are subject to inspection prior to credit being issued. Electrical components which have been installed by an operator or non-approved service agent are not returnable for credit.