

DIAMONDCORE Cink 2 Clay and Water Filtering User Manual

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DIAMONDCORE Cink 2 Clay and Water Filtering



Specifications

- Product Name: Cink 2
- Function: Cleanup system for clay, clay water, pottery tools, and accessories
- Designed to prevent clay from going down drains in plumbing or septic systems

Product Usage Instructions

Quick Start

- 1. Remove Cink 2 from the pallet and position it near an electrical outlet.
- 2. Place buckets on dollies and add fresh water to buckets up to fill lines.
- 3. Screw on bucket lids securely.
- 4. Remove the string filter housing, check the filter, ensure the O-ring is in place, fill it with water, and reattach.
- 5. Reconnect the tubes with quick disconnects and reattach the drain union.
- 6. Plug in the Cink 2-foot switch to a grounded outlet, then plug in the pump. Keep your foot on the switch for continuous water flow.

Operation

- 1. Ensure buckets and String Filter Housing canister are filled with water.
- 2. Use red leverage handles when opening or closing bucket lids.
- 3. Position the faucet towards the basin.
- 4. Plug in the Cink 2-foot switch to a grounded outlet, then plug in the pump.

Maintenance

- To maintain the Cink 2.
- Empty the drain bucket, filter bucket, and string filter housing regularly.
- Clean the filter bag and replace the string filter cartridge periodically.
- Winterize or prepare the Cink 2 for periods of non-use.
- Note: Small amounts of water may leak during maintenance.

INTRODUCTION

- The Cink 2 is a complete, self-contained system for the cleanup of clay, clay water, pottery tools and accessories.
- The system is designed to prevent clay from going down drains in plumbing or septic systems.

SAFETY PRECAUTIONS



Read this user manual completely before operating the unit.

- Follow all instructions and operating procedures.
- · Avoid splashing water in the eyes.
- · Avoid splashing water on electrical components.
- Do not allow hoses to become bent or kinked.
- Do not leave the pump running for extended periods.



Do not allow the pump to run "dry" without water in the system for more than 2 minutes.

- Do not allow the sink basin drain to become plugged while the system is running.
- Do not plug the drain of sink 2 to fill the sink basin to wash parts.
- CAUTION: Use Cink 2 only in areas where if water spills, it will not damage floors or carpeting, etc.
- Be aware that water may drip from hoses or spill when bucket lids or filters are removed.
- Position Cink 2 far away enough from electrical outlets so that water cannot splash on the outlet and plug.
- WARNING! Do not allow the power cord to lie in standing water at any time.
- Plug the power cord into a properly grounded, three-prong electric power outlet only.

- Protect the power cord from being damaged, pinched, bent, stepped on, rolled over, stretched, etc.
- WARNING! Do not use any other electrical appliances on or near the Cink 2 to avoid any shock danger.
- When performing maintenance on the Cink 2, unplug the power cord from the electric outlet.
- Always leave the Cink 2 unplugged during a lightning storm and when it is not in use.
- To reduce the risk of fire or electric shock, do not expose the Cink 2 to outdoor elements such as rain, snow, etc.
- Remove all water and clay from the entire system before freezing conditions exist.



Engage the wheel caster brakes to keep the unit from moving when it is plugged in or is in use.

When moving the unit from one location to another:

- 1. Unplug the power cord from the electrical outlet.
- 2. Remove all items from the sink 2 or drainboard.
- 3. Unlock the locking casters.



Move carefully to avoid tipping the unit over.

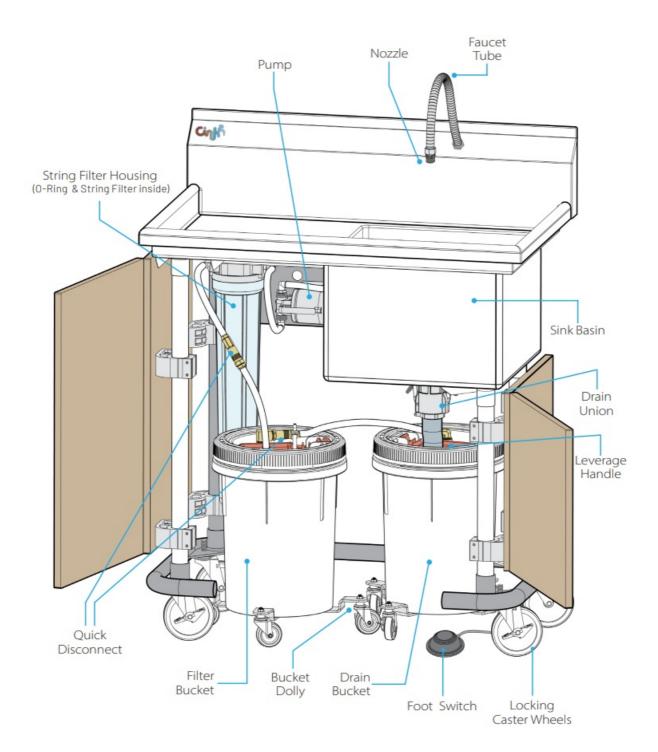
- 5. Relock the wheel casters when the Cink 2 is in its new spot.
 - Do not place any objects over 25 pounds on the unit or sit on or stand on this product, as the unit may tip over. Objects placed on the Cink 2 may fall, causing injury or damage to the user or the unit.
 - The Cink 2 is to be used only with clean water to clean clay, pottery tools and brushes, slip water buckets, sponges, splash pans, etc. (water-soluble, clay product materials).
 - WARNING! The Cink 2 and system contain NON-POTABLE WATER.



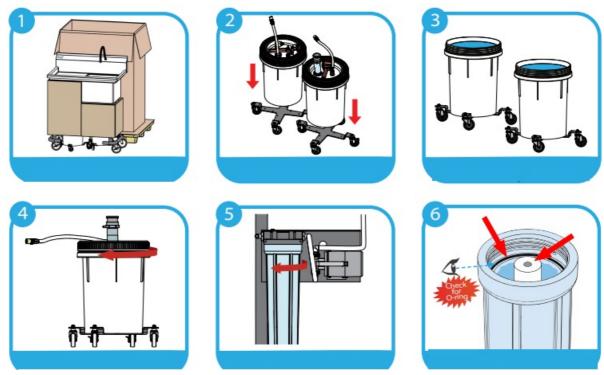
DO NOT DRINK THE WATER IN THIS UNIT AND THE SPRAY NOZZLE.

- **CAUTION:** DO NOT use the Cink 2 for beverages, food residue, bodily fluids, chemicals, oil-based materials, paints or glazes. The Cink 2 is NOT designed for the disposal or filtering of hazardous or biohazardous materials.
- Do not attempt to connect the Cink 2 to any septic or sewer plumbing systems.
- Disposal of water and material collected in this system should be under local laws and regulations.
- CAUTION: Freezing conditions will damage the Cink 2.

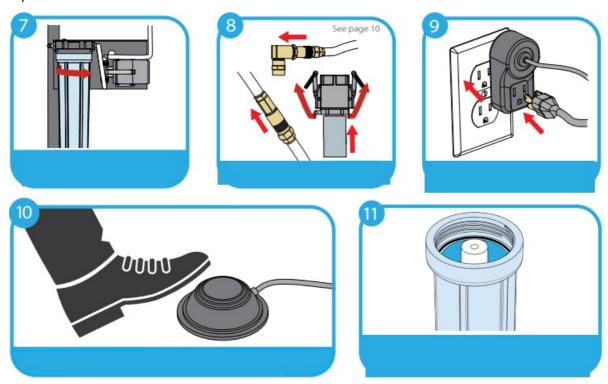
QUICK START



- 1. Remove Cink 2 from the pallet.
 - Position near an electrical outlet.
- 2. Place buckets on dollies.
- 3. Remove lids and add fresh water to buckets. Stop at full lines.
- 4. Screw on bucket lids. Be sure they are STRAIGHT and TIGHT.
- 5. Remove the string filter housing by turning it to the left.
- 6. Check string filter and ensure the O-ring is in place. Fill it with water to the top.



- 7. Reattach the string filter housing. Be sure it is straight and tight. Turn right to tighten.
- 8. Reconnect the tubes with quick disconnects and reattach the drain union.
- 9. Plug Cink 2 foot switch to grounded outlet, then plug in pump.
- 10. Keep your foot depressed on the foot switch for continuous water flow. Do not use your hands.
- 11. If the pump does not prime, ensure step 6 has been followed and the water level in the string filter canister is as high as possible.



OPERATION

Key Operating Steps

- 1. Ensure both buckets and the String Filter Housing canister are filled with water
- 2. Use red leverage handles when loosening or tighening bucket lids

- 3. The faucet should be pointing towards the basin.
- 4. Plug in Cink 2 foot switch to grounded outlet, then plug in pump.
- 5. Keep your foot depressed on the foot switch for continuous water flow. Do not use your hands.



- **WARNING!** NEVER block the sink basin drain and fill the basin with water to wash parts. This may cause the buckets to collapse if the pump keeps pumping.
- The Cink 2 system is designed to function with continuous recirculation of water.
- **Note:** Under heavy continuous use, water may become cloudy. If the system is allowed sedimentation time, finer particles will settle.
- You should periodically refresh the water in the system (at least once per week) after adequate sedimentation time is allowed for instructions.
- Note: Unplug the Cink 2 if it will be left unattended for extended periods.

MAINTENANCE

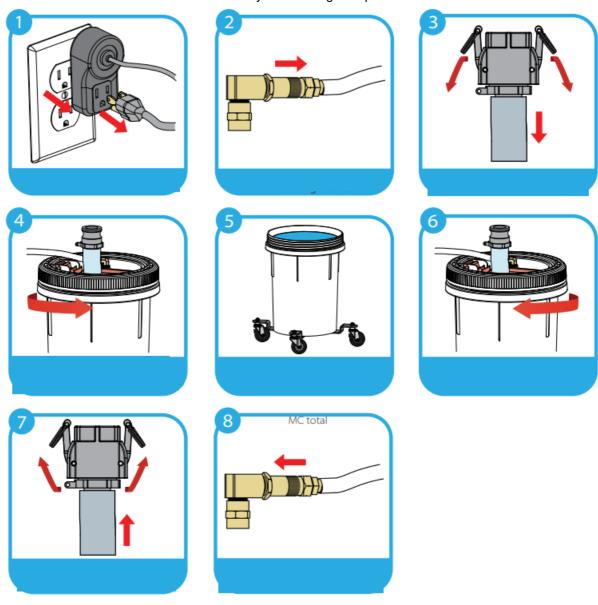
- To maintain Cink 2, you will need to empty the drain bucket, filter bucket, and string filter housing. Clean the filter bag and replace the string filter cartridge periodically.
- You may also need to winterize or prepare the Cink 2 for periods of inactivity.
- Remember, as you perform these maintenance steps, small amounts of water may leak out from the system.

Emptying the Drain Bucket

• The drain bucket is intended to capture most of the clay and slip that will be put into Cink 2. You will need to empty this bucket more frequently than cleaning or replacing the other two filters.

To empty the drain bucket when it has collected a significant amount of clay:

- 1. Unplug the power cord from the electrical outlet.
- 2. Disconnect the drain bucket from the bag bucket.
- 3. Disconnect the drain union by pulling down on the handles.
- 4. Twist it counterclockwise to remove the lid. Pour off water and remove waste clay.
- 5. Refill the drain bucket with fresh water to the fill line.
- 6. Reattach the lid, ensuring it is seated properly and tight.
- 7. Latch the drain union by pushing the handles upward.
- 8. Reconnect the drain bucket to the filter bucket by reattaching the quick disconnect.

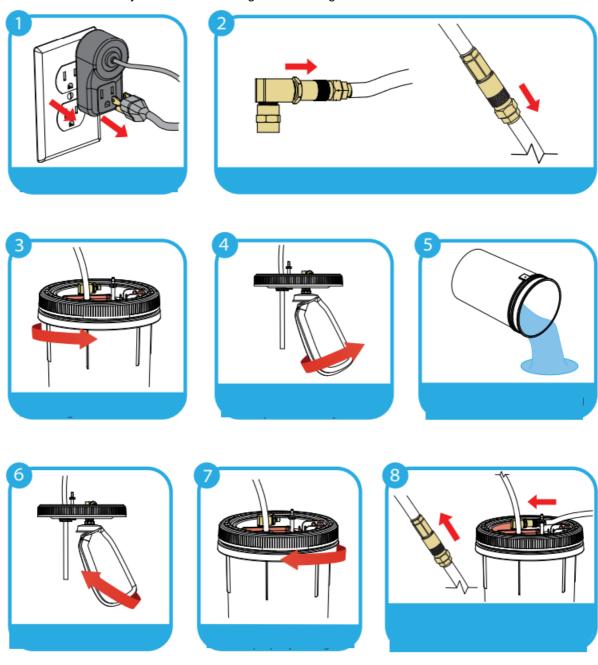


Emptying the Filter Bucket and Cleaning the Bag Filter

- The bag filter in the filter bucket is designed to stop small particles and debris that do not settle in the drain bucket.
- This filter can usually be cleaned instead of replaced. The sediment level in the bottom of the filter bucket

To empty the filter bucket and clean the bag filter:

- 1. Unplug the power cord from the electrical outlet.
- 2. Disconnect both quick disconnects.
- 3. Remove the 2 bucket lids by twisting them counterclockwise.
- 4. Remove the bag filter by pushing up, then tilt at an angle and pull off sideways.
- 5. Pour out water from a bucket and remove clay sediment. Refill with clean water to the fill line.
- 6. Clean and reinstall bthe ag filter.
- 7. Reattach the lid, ensuring it is seated properly and tight.
- 8. Roll buckets back under the basin and reconnect the drain bucket to the clay bucket by attaching a quick disconnect. Reconnect clay bucket to the string filter housing.



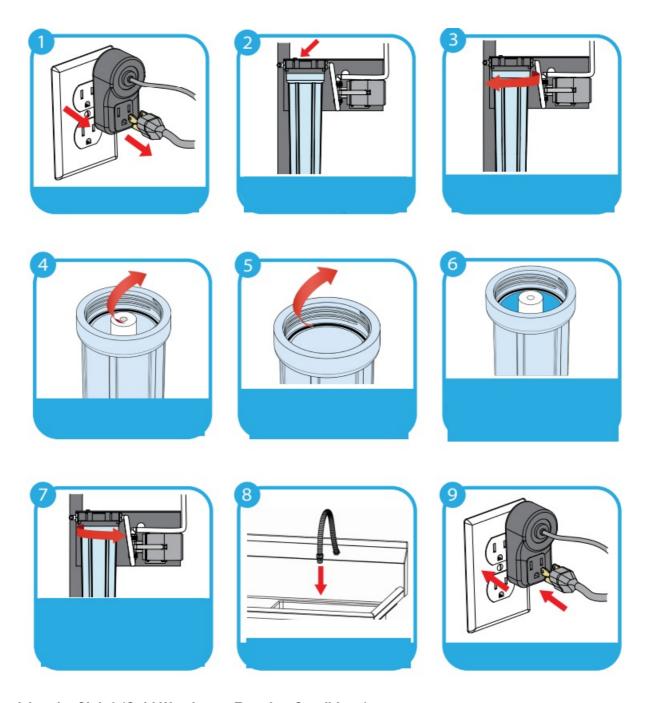
Changing the String Filter in the String Filter Housing

• The string filter housing collects ultra-fine clay particles and should be cleaned at least every 3 months.

- Eventually, the pores of the filter cartridge will fill up, and the water flow from the nozzle will decrease.
- At that time, please visit diamondcoretools.com, call 6199059400 or email <u>cink@diamondcoretools.com</u> to purchase replacement string filters.

To change the string filter:

- 1. Unplug the power cord from the electrical outlet.
- 2. Push down on the red button on top of the string filter housing to release vacuum pressure.
- 3. Turn the blue filter housing to the left to remove it.
 - CAUTION: Filter housing is full of water.
- 4. Remove and clean the string filter and string filter housing. Do not misplace the black O-ring.
- 5. Remove the black O-ring and wipe the groove clean. Place the O-ring back into the groove. Replace it if it is damaged or crimped.
- 6. Reinsert clean or new string filter, make sure that it slips down over the standpipe inside on the bottom of the string filter housing. Refill with water to the top of the housing.
- 7. Reconnect the blue filter housing, making sure that the string filter slips over the upper standpipe.
 - Twist the string filter housing to the right and hand-tighten.
 - DO NOT OVERTIGHTEN.
- 8. Ensure the faucet is aimed down towards the basin.
- 9. Reconnect to the outlet.

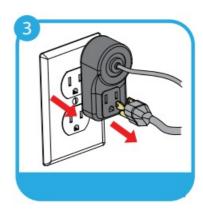


Winterizing the Cink 2 (Cold Weather or Freezing Conditions)

- CAUTION: The Cink 2 is NOT designed to operate or be stored with water or clay in it during freezing conditions.
- If freezing conditions are anticipated, remove all water and clay from the entire system. The manufacturer is not responsible for any damage to the system caused by the user due to cold weather or freezing conditions.
 - 1. Unplug the unit, empty and clean both buckets and the string filter housing. DO NOT REPLACE ANY WATER.
 - 2. Drain the pump by removing the impeller faceplate.
 - 3. Keep the unit unplugged for the duration of disuse.







Extended Non-Use of the Cink 2

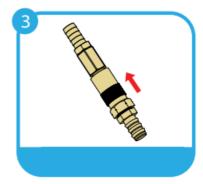
- If you don't plan to use the Cink 2 for an extended period, we recommend unplugging the unit, removing all water and clay from the system, cleaning the unit and allowing the filters to air dry.
- Follow the instructions for Winterizing Cink 2 above.

Quick Disconnect Usage

- 1. Open connection by pulling knurling back.
- 2. Connect the two parts.
- 3. Release knurling to secure connection.



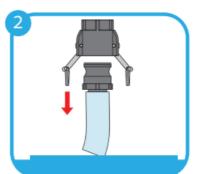


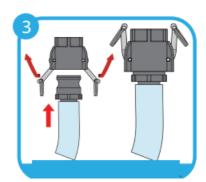


Drain Union Usage

- 1. Pull down on the levers to unlock.
- 2. Remove the socket from the drain.
- 3. Reinsert and push the levers up to lock.







PARTS & ACCESSORIES

• The CINK Replacement String Filter: \$29

• The CINK Replacement Bag Filter: \$19

• The CINK Replacement String Filter Canister: \$95

• The CINK Accessory Set: \$10

• Cink 2 Pump Replacement Kit: \$398



For Replacement Parts

• DiamondCore® Tools 680 W. Bradley Ave.

• El Cajon, CA 92020

• Phone: <u>619-905-9400</u>

Email: cink@diamondcoretools.com
Website: www.diamondcoretools.com

WARRANTY COVERAGE

DiamondCore® Tools warrants this product to be free from defects in materials and workmanship under normal use and service that would affect its operation for 90 days from the date of purchase.

This warranty does not apply to:

- a) damage caused by accident, abuse, mishandling, dropping or tipping over
- b) units which have been subject to unauthorized repair
- c) units not used under directions
- d) damage exceeding the cost of the product
- e) damage by flood, lightning or natural disaster, or war declared or undeclared.
- In no case shall the company be liable for any incidental or consequential damages for breach of this or any other warranty, express or implied whatsoever.
- The limit of this warranty includes the product only and not any loss of work time or contract due to the inability to use this product.
- Order #-----
- Cink 2 Serial #

Cink 2 Quick Start Video



- diamondcoretools.com
- cink@diamondcoretools.com
- 680 W. Bradley Ave., El Cajon, CA 92020
- 6199059400

FREQUENTLY ASKED QUESTIONS

How often should I empty the drain bucket?

The drain bucket should be emptied more frequently than the other filters. Empty it when it has collected a significant amount of clay.

What should I do if the pump does not prime during setup?

Ensure that step 6 has been followed correctly and that the water level in the string filter canister is as high as possible.

Why is the basin not draining?

Poor seal on Filter Bucket Damaged O-ring in either lid or blue filter housing Failed check valve small tube on the filter bucket lid

How do I fix a leak in a bucket lid?

Ensure the lid is tight and seated properly Check O-ring for damage

Why is water pooling on the top of the bucket lid?

Loose fixtures Debris in threads preventing proper seating Damaged gasket on fixture

How can I mitigate the odor of the clay?

Pool chlorine do not mix with bleach Essential oil will not address root cause Copper carbonate glaze pigment

The water out of the faucet is muddy; how can this be fixed?

Clean the string filter thoroughly Clean the bag filter thoroughly Drain system and refresh water

Why isn't the pump working?

- A. Insufficient water in system, specifically String Filter Housing
 - Worn pump impeller or brushes
 - Worn or damaged pump. (see <u>diamondcoretools.com</u> for replacement parts)

Why is the water pressure low?

- · A. Insufficient water in system
 - · Air leak, generally at filter bucket lid
 - Dirty or clogged string filter
 - Worn pump (see diamondcoretools.com for replacement parts)

Documents / Resources



<u>DIAMONDCORE Cink 2 Clay and Water Filtering</u> [pdf] User Manual Cink 2 Clay and Water Filtering, Cink 2, Clay and Water Filtering, Water Filtering, Filtering

References

User Manual

Manuals+, Privacy Policy