EQUIPMENT AVANTCO

User Manual

CE

ETL US LISTED Intertek

Stainless Steel Coffee Urns

Models: 177CU55ETL, 177CU110ETL

10/2016

Please read and keep these instructions. Indoor use only.

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User Manual

EQUIPMENT AVANTCO

NOTE: Save these instructions for future reference.

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IMPORTANT SAFETY INFORMATION

1. Read all instructions carefully. Remember to follow basic safety measures when using electrical equipment.
2. Only use urn with a grounded 120V AC socket.
3. Do not use the coffee urn if the cord or plug is damaged. Replace before use.
    a. Only a qualified electrician may replace or repair a damaged cord.
    b. If the coffee urn is otherwise damaged or malfunctions, return it to the nearest authorized service facility for examination and repair.
4. Do not attempt to disassemble the urn. This will void the warranty.
5. Always switch OFF after each use.
6. Always switch OFF before unplugging.
7. Always switch OFF before moving.
8. Unplug by grasping the plug; never pull on the cord.
9. Place the coffee urn securely in the center of a counter or work space. Keep away from edges.
10. Place the coffee urn on a flat, stable surface. Never place urn on a tilted or warped surface.
11. Do not let the cord hang over the edge of a counter, table, or other surface.
12. Do not place the coffee urn on or near hot surfaces.
13. Do not place the coffee urn on or near a gas stove, electric burner or oven.
14. Never operate this machine without at least 3 cups of water in the tank.
15. Do not touch the cord to any hot surface, including the urn itself.
16. Never immerse the coffee urn in water, even when cleaning.
17. Turn off, unplug, and allow the urn to cool before cleaning.
18. Do not use this product outdoors.
19. Never fill the urn to less than the minimum or more than the maximum capacity.
20. Always ensure the lid is secured to the urn whenever the urn has water inside.
21. Keep hands and face clear from the top of the coffee urn when removing the lid after use.
22. Children, inexperienced persons, or anyone unfamiliar with this machine should not operate it without proper supervision.
23. Improper use or handling of this coee urn may result in scalding or other injury.

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Parts Diagram

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Parts Key		
Parts Diagram #	**Part Name**	**Replacement Part Item #**
1	Lid Handle	
2	Lid	
3	Stainless Steel Body	
4	Cool Touch Handles	
5	Water Gauge	
6	Faucet	177CUFAUCET (CU55ETL & CU110ETL)
7	Plastic Bottom	
8	On/Off Switch	
9	Heating Light	
10	Keep Warm Light	
11	Brew Basket	177CU55EB (CU55ETL) 177CU110EB (CU110ETL)
12	Stem	177PCU55ES (CU55ETL) 177PCU110ES (CU110ETL)
Not Pictured	Fuse	177CUFUSE (CU55ETL & CU110ETL)

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Specifications

MODEL NO.	POWER	VOLTAGE	VOLUME
177CU55ETL	950W	120V/60Hz	55 cups
177CU110ETL	1500W	120V/60Hz	110 cups

Coffee Measuring Guide

CUPS (5 OZ. SERVING)	GROUND COFFEE (8 OZ. DRY)
12-15	3/4 Cup
20-25	1 1/2 Cups
30-36	2 Cups
40-45	2 1/2 Cups
50-55	3 1/4 Cups
60-65	3 3/4 Cups
80-85	5 1/2 Cups
95-100	6 1/4 Cups

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Prior to First Use

1. Remove all packaging from inside and outside of the coffee urn.
2. Fill the coffee urn with water, boil and discard. This clears the urn of any packaging residue.

Helpful Hints

1. Do not use soft water. Soft water may cause the coffee basket to flood.
2. Use regular electric perk grind coffee or coffee ground for all coffee makers for best results.
3. Do not use drip or finely ground coffee as it may cause the coffee basket to flood.
    a. When grinding beans, grind to medium coarseness for best results.
    b. Do not grind beans into a fine, powder-like texture, since this may cause the coffee basket to flood.
4. Remove coffee basket and grounds as soon as brewing is completed.
5. This also helps maintain coffee flavor.
6. The urn's lid can be used as a carrying tray when disposing of wet coffee grounds.
7. Before brewing a second time, allow urn to cool and rinse it out.

How to Use

1. Place on a flat, level surface.
2. Turn the lid counter-clockwise to open.
3. Pour in water. Make sure the water is above the "MIN" indicator and below the "MAX" indicator.
4. Place lid on top of urn and turk clockwise to lock into place.
5. Plug in the urn.
    a. To brew coffee, place the percolater tube and filter basket in the tank and pour the desired amount of coffee grounds into the basket.
    b. Make sure that the percolater tube is fitted properly inside the coffee urn before operation.
6. The percolater filter and basket are not required for boiling water.
7. Switch ON.
    a. The "HEATING" light will turn on to indicate the boiling process has begun.
8. Tilt faucet lever to dispense.

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Boil Dry Protection

Boil dry accidents are the result of boiling all the water out of an urn. **These kinds of accidents shorten component and product life in all water boiling appliances.**

To prevent boil dry accidents, this appliance is equipped with a thermal limiter with an auto reset limit on. If the water in the tank is below certain low level, the appliance will turn itself off automatically. It takes urn up to 8 mins back to work after the temperature cools down.

To decrease the chance of boil dry accident, operators are advised to turn the appliance off when not in use, especially overnight. Otherwise, the auto reset limit will keep urn run from being heating to being off back and forth, therefore damaging the heating system.

Cleaning and Maintenance

1. Unplug the unit and pour out any remaining water or coffee. Allow the unit to cool.
2. After the urn has cooled, add hot water, brush the interior sides, and rinse with hot water until water exiting the faucet runs clear.
3. Clean the filter unit and the lid with a non-abrasive detergent. Dry both components with a soft, dry cloth.
4. The stainless steel inside and tube can be cleaned with detergent and a scouring pad.
5. The urn's tap must also be cleaned to ensure proper cleaning. If necessary, use a de-scaling agent on the tap.
6. Clean the urn's faucet with a bottle brush. Then wash the tap with warm, soapy water and rinse.
7. Use a soft cloth to wipe the urn body dry. Do NOT use benzene, thinners, or harsh abrasives for cleaning, as these will damage the exterior finish of the urn.
8. Always clean the coffee urn immediately after each use.

De-Scaling

1. Scale buildup can affect the urn, tap, and faucet.
2. Supermarket de-scaling agents work well, along with a variety of other techniques.
3. For a more natural approach, follow these steps.
    a. Slice a lemon into four pieces, wrap them in a cloth, and place them in the urn.
    b. Pour in water up to the "MAX" water level indicator.
    c. Boil the water and allow the lemons to sit inside the unit for about 1 hour.
    d. Pour out the water and lemons, and use a nylon brush to scrub the inside of the urn.
    e. To completely remove the smell or aftertaste, refill the urn, boil the water again and dispose of the water.

This product cannot be thrown away with other domestic waste. It requires an authorized electronic recycling center to properly dispose of it. By recycling this product, you help save natural resources. Make sure this product is disposed of in a natural manner.

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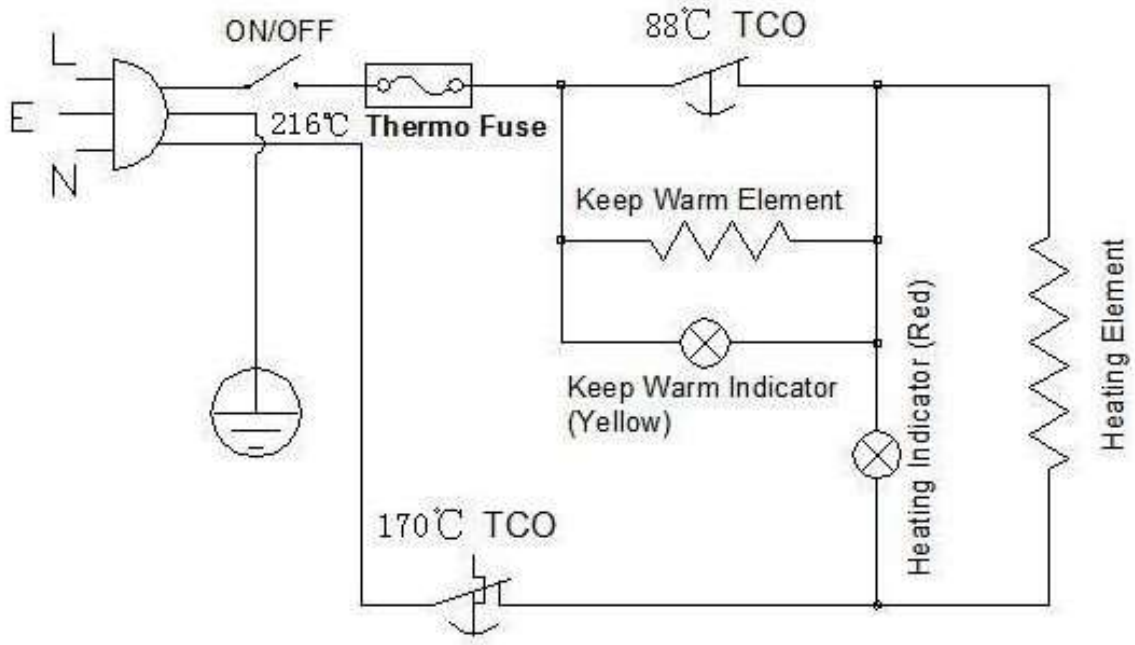
Thermal Fuse

This coffee urn is fitted with a thermal fuse for added safety. If this appliance's boil dry protection measures fail, its thermal fuse will activate and shut off the appliance.

The thermal fuse is a one-time-use component. Once it activates, the fuse automatically breaks and cannot be used again.

Electrical Circuit Diagram



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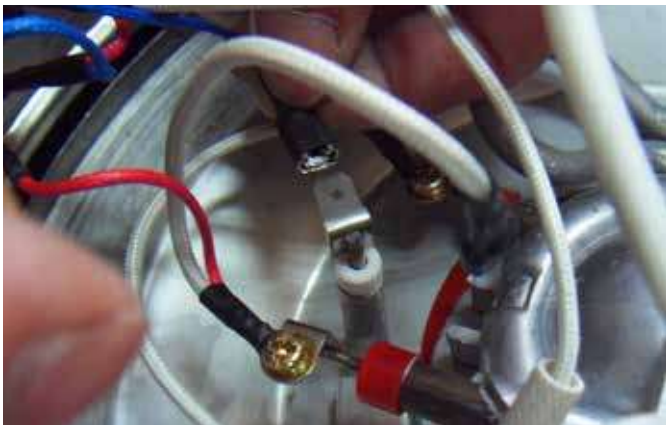
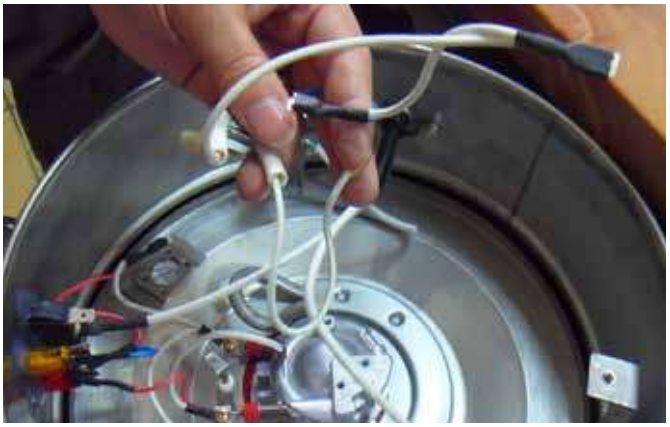
Replacing the Fuse

1. Twist the fixed screw.



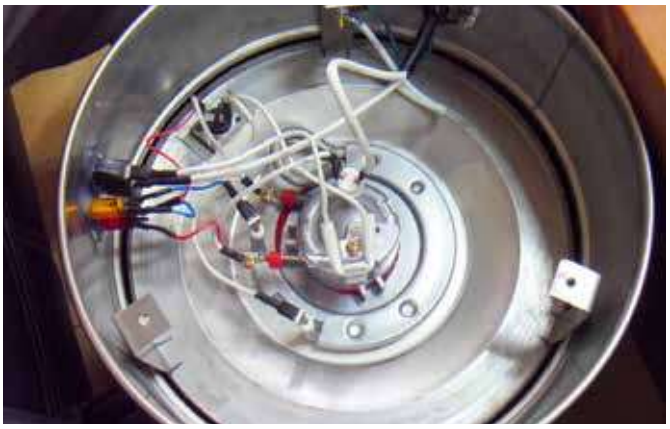
2. Pull out the power connection.

3. Take down the fuse fixed clip.



4. Replace the power supply leads combination.

5. Fixed new fuse. (supply leads combination)



6. Inner parts inspection (see next page).

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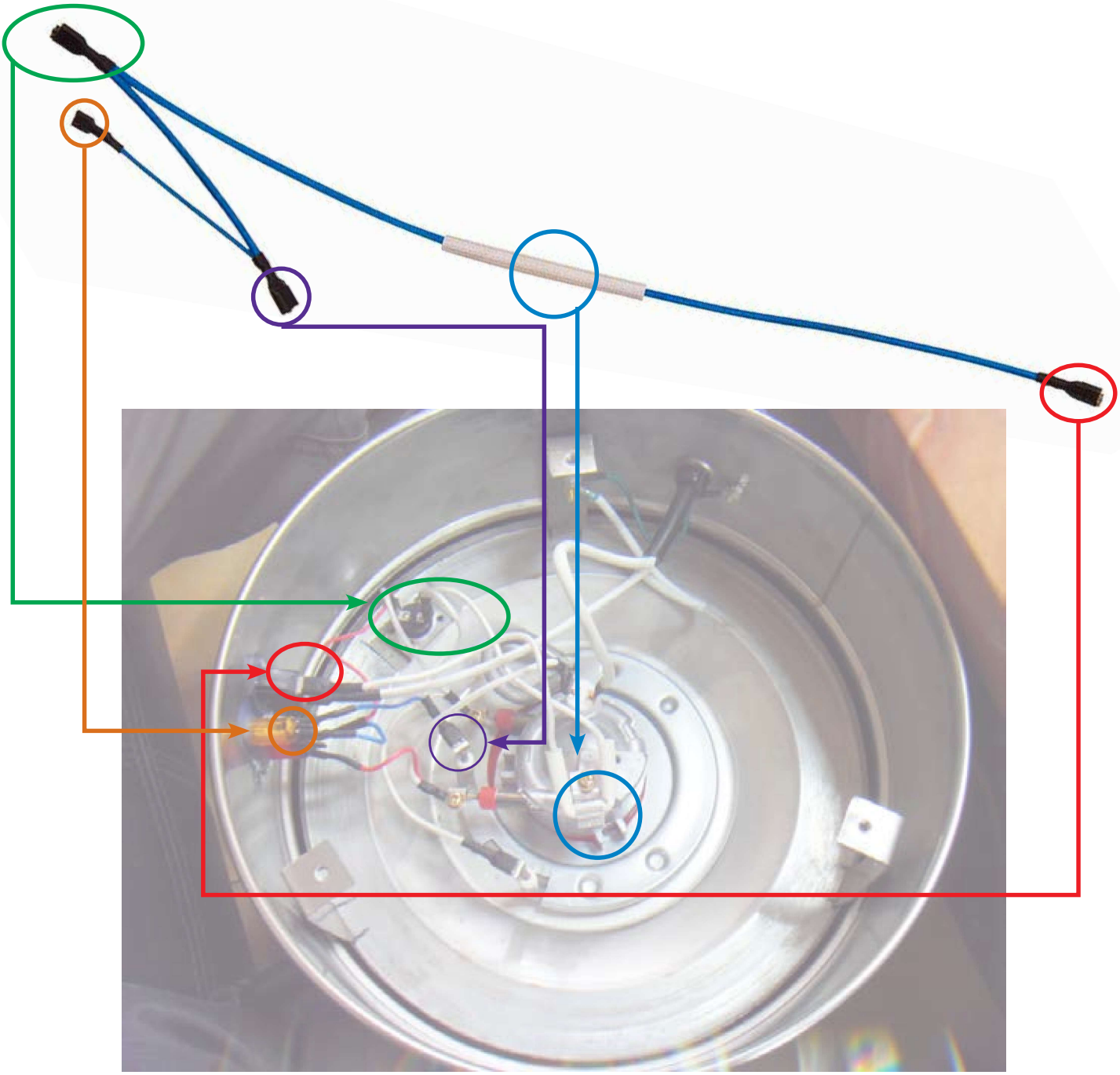
Replacing the Fuse

Inner Parts Inspection

USE THE BELOW REFERENCE FOR REPLACING YOUR FUSE

Match the color references below to your unit.



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Limited Warranty

All equipment sold under the Avantco trademark and used for commercial purpose is warranted against defects in materials and workmanship. The warranty runs for six months from the date of original installation and is for the benefit of the original purchaser only. All other warranties, Expressed or Implied, Statutory or otherwise, including Without Limitation and any implied warranty of Merchantability or Fitness for Purposes are excluded. The seller shall in no event be liable for direct, indirect, or consequential damages in connection with Avantco commercial products.

This warranty is not effective if damage occurs due to accident, carelessness, improper installation, lack of proper set-up, supervision when required, or if the equipment is installed or operated in any manner contrary to the installation and operating instructions. Work performed by unauthorized personnel or unauthorized service agencies voids this warranty. This warranty does not apply to, and Avantco is not responsible for, any warranty claims made on products sold or used outside of the United States. Residential use voids the warranty.

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