



Commercial Coffeemaker



**Energy Saver Automatic Brewer
Part# ES18A**

Operating Instructions

Electrical Rating 1400W, 120VAC, 11.7A

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock and/or injury to persons, including the following:

1. Read all instructions before operating or using the appliance.
2. Do not touch hot surfaces. Use handles and knobs.
3. To protect against electrical shock, do not place cord, plugs or appliance in water or other liquid.
4. Close supervision is necessary when any appliance is used by or near children.
5. Unplug from outlet when brewer is not in use and before cleaning. Allow to cool before putting on or taking off parts and before cleaning the appliance.
6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any manner.
7. Do not let cord hang over edge of table or counter, or touch hot surfaces.
8. Do not place on or near a hot gas or electric burner or in a heated oven.
9. Do not move entire unit when appliance is on or when thermal carafe contains hot liquids.
10. Do not use appliance for other than intended use.
11. **WARNING:** To reduce the risk of fire or electric shock, do not remove bottom cover. No user-serviceable parts are inside. Repair should be done by authorized personnel only.
12. Use on a hard flat level surface only to avoid interruption of airflow underneath appliance.
13. Special instructions for the thermal carafe:
 - A. The thermal carafe is designed for use with this appliance only. It must never be used in any other drip-type brewer, on range top or in a microwave oven.
 - B. Do not set a hot thermal carafe on a wet or cold surface. Do not put thermal carafe in water. Do not place on hot surface. Do not place in dishwasher.
 - C. Do not use a cracked thermal carafe or a thermal carafe having a loose or weakened handle.
 - D. Do not clean thermal carafe with cleaners, steel wool pads or abrasive material. Do not place sharp or hard objects in the thermal carafe.

SAVE THESE INSTRUCTIONS

SPECIAL CORD SET INSTRUCTIONS

A 5 foot power-supply cord is provided to reduce the risks of becoming entangled in or tripping over a longer cord. Extension cords are available and may be used if care is exercised in their use. If an extension cord is used, the marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance, and the cord should be arranged so it will not drape over the counter top or table top where it can be pulled on by children or tripped over.

This appliance has a grounded plug (3 prong). It is not polarized and can fit into an outlet only one way. If it will not fit your outlet contact a qualified electrician. Do not modify the plug in any way.

PRECAUTIONS

1. Do not place a cloth or otherwise restrict airflow beneath the brewer.
2. To avoid accidents, make sure thermal carafe lid is in "CLOSED" position during brewing and while pouring; do not pour in the direction of people.
3. When pouring, hold thermal carafe by the handle only.
4. CAUTION: Burns may result from spilled, hot liquid and/or contact with hot parts.

THERMAL CARAFE PRECAUTIONS

Your thermal carafe contains a vacuum-sealed stainless steel liner. Improper use will damage the liner. Please follow these instructions:

1. Clean inside of carafe with lukewarm water. Turn carafe upside down and allow to dry.
2. Never clean inside of carafe with a hard implement, scouring pad or other abrasive cleaners; rinse only with water.
3. Never insert your hand into carafe for cleaning.
4. Never stir inside of carafe with a spoon or other utensils.
5. Never fill carafe to the rim. Fill to a maximum of one inch from the top of liner.
6. Before adding very hot or very cold liquid to carafe, first rinse with warm or cold water, depending upon what is being prepared.
7. Never use ice cubes in carafe.
8. Never fill carafe with carbonated beverages.
9. Never drink directly from carafe.

IF SERVICE IS REQUIRED

Contact your distributor. To assist in serving you, please have the model number (ES-18A), date of purchase, and serial number (if available) prior to calling.

INTRODUCTION

Your thermal carafe brewer brews fresh, filtered coffee in minutes. It can also easily heat water for instant beverages. The thermal carafe contains a stainless steel vacuum liner which delivers the best heat retention of all containers used with drip brewers and allows the full flavor of the coffee to be retained.

PLUMBING CONNECTION

1. Place brewer on a solid flat surface near a water supply line. Plumb brewer in to water supply using 1/4 inch copper or plastic tubing. Brewer should be connected to COLD WATER LINE for best operation.
2. Water pressure should be at least 20 lbs. Flush water line before installing brewer to remove any sediment from line.
3. The inlet water fitting is located on the right side of the brewer.
4. Check for leaks.

PREPARATION FOR USE

Before the first use, clean the thermal carafe and brewer by completing a brew cycle as described below **without** using coffee or a coffee filter.

COFFEE PREPARATION

1. Plug into 120V outlet.
2. Before thermal carafe is placed on brew platform, pre-warm carafe by running warm water through carafe. Open thermal carafe lid by turning it in the direction of "OPEN" arrow and lifting off. In addition to preventing damage to the liner, pre-warming the carafe will also help keep the coffee warmer longer.
3. Return lid to thermal carafe. To close lid, turn lid in direction of "CLOSE" arrow until lid fits tightly on carafe. Return empty thermal carafe to brewing platform. Be certain thermal carafe lid is in "CLOSED" position and is securely in place during brew cycle.
4. Open filter basket by grasping basket handle and swinging outward. Insert a filter into filter basket; assure filter fits snugly in basket. Use a fresh filter for each carafe of coffee.
5. After placing ground coffee or tea into filter, return basket to closed position. To assure safe operation, make sure basket is closed securely. The magnetic latch will insure basket is in closed position.
6. With thermal carafe and basket securely in place, press green "BREW" button; red LED will light. CAUTION: Brewer becomes very hot during brew cycle; handle with extreme care as hot parts and escaping steam may cause burns.
7. The brew-through lid allows coffee to drip from brewer through closed lid. When coffee has completely stopped dripping into thermal carafe and water level indicator is empty, brew cycle is complete.
8. An audible "beep" tone (5 times) will signal when the brew cycle is complete. Brewer will switch off automatically.

9. After coffee grounds have cooled, carefully open filter basket and discard used coffee filter and grounds. To remove filter basket from brewer, grasp basket handle and pull basket outward, and with basket in far right position, lift basket up and remove from hinge.
10. The personal carafe has a brew-through lid which allows coffee to be poured with the lid in the "CLOSED" position so coffee freshness and temperature can be preserved. NEVER POUR LIQUID FROM THERMAL CARAFE UNLESS LID IS IN "CLOSED" POSITION.

FOR MANUAL BREWING

When the normal water supply is not available: Open thermal carafe lid by turning it in the direction of "OPEN" arrow and lifting off. Fill the thermal carafe with cold, fresh water to within 1 inch of the rim. Open hinged water reservoir cover; pour water into reservoir opening. Markings on water level indicator show amount of water needed to make the desired number of cups of coffee. **DO NOT EXCEED THE 12-CUP LEVEL ON THE WATER LEVEL INDICATOR.** Close reservoir cover. Proceed with steps 2-10 as outlined above.

PAUSE & SERVE

This feature allows a cup of coffee to be poured before the brew cycle has finished. Carefully remove thermal carafe, and the Pause & Serve feature will be automatically activated, temporarily stopping the flow of coffee into the thermal carafe. Return thermal carafe to platform immediately after pouring coffee, and the brewing process will resume.

IMPORTANT: Carafe must be returned to its brewing position within 30 seconds to prevent the filter basket from overflowing.

NOTE: Strength of coffee poured mid-cycle may vary from the finished brew.

CAUTION: During brew cycle, basket must be closed securely as basket in improper position may cause hot water or coffee to overflow.

CLEANING AND MAINTENANCE

Daily

Always unplug brewer and allow to cool before cleaning or transporting. Wash filter basket and carafe lid in hot, sudsy water. Rinse inside of thermal carafe with lukewarm water. Wipe brewer and outside of thermal carafe with damp cloth and dry. Never put brewer or thermal carafe in water or in the dishwasher. For hard to remove stains, use a plastic mesh pad or a cloth dampened in vinegar. Do not use metal cleaning pad or abrasive cleaners.

Monthly

Minerals found in water can clog brewer or reduce its efficiency. To prevent this use Urnex Dezcal. Fill carafe with cold water, add Urnex Dezcal and stir. Pour mixture into reservoir opening. Place empty thermal carafe (with lid securely closed) on platform and press "BREW" button. After mixture has been cycled through, press "OFF" button. Rinse by running 2 or 3 more brew cycles of plain water. Do not pour any liquid other than cold tap water or Urnex Dezcal mixture into reservoir opening when cleaning.

TROUBLESHOOTING:

Problem #1: Brewer takes long time to finish brew cycle (more than 9 minutes and less than 20 minutes).

Possible Cause: Scale build-up in sprayhead and heater assembly.

Remedy: Follow monthly cleaning procedure on page 5.

Problem #2: Brewer takes more than 20 minutes to brew and some water remains in the water reservoir.

Possible Cause: Scale build-up in sprayhead and heater assembly.

Remedy: Repeat monthly cleaning procedure twice or more until brewing cycle time is less than 9 minutes.

Problem #3: After initiating brewing cycle, incoming water shuts down before reaching upper level probes and brewing does not commence. Possible Cause: Incoming water line problem.

Remedy: Check for restriction in incoming water, restriction in inlet valve, or restriction in waterline.

FEATURES:

1. Maximum heater on time is 20 minutes. Heater will shut down after 20 minutes, thus preventing possible fire hazard.
2. Maximum fill time is only two minutes. Inlet valve only stays open for a maximum of two minutes and shuts down, thus preventing excessive flood condition.
3. Brew time of 90 seconds is provided. Brew time is the time it takes for coffee to drain from the brew basket after brewing cycle is complete. The beeper will beep after brewing cycle time and the brew time is expired, thus preventing user being burned by hot coffee dripping from brew basket.
4. Auto shut-off feature always insures that the brewer shuts down after brew cycle is complete and the brewer has beeped five times.
5. Visible red indicator light remains on during the complete brew cycle. In addition, audible 5 beeps indicate the end of the brewing cycle. The user can now safely remove the thermal carafe to serve coffee.
6. "Manual Brewing" can be used in the event water supply is not available. Simply pour desired amount of water from 4 cups to 12 cups (level can be monitored in sight gauge tube, located on left side of the brewer) and press BREW button.

COFFEE AND TEA BREWING METHOD:

TO BREW COFFEE:

Please use 2 level tablespoons of ground coffee for each 5 oz cup of coffee. For example use 24 level tablespoons of ground coffee to brew 12 cups of coffee.

TO BREW TEA:

Please use 1 level tablespoon of loose tea for each 5 oz cup of tea. For example use 12 level tablespoons of loose tea to brew 12 cups of tea.

WARRANTY

BrewTek ES18A Brewers are warranted against defects in workmanship or materials, under normal use, for 90 days from the date of purchase. Liability in all events is limited to the purchase price paid and liability under the aforesaid warranty is limited to replacing or repairing any part or parts which are defective in material or workmanship, and returned to our factory, shipping cost prepaid. No warranty expressed or implied, other than the aforesaid is made or authorized by BrewTek. Prompt disposition will be made if item proves to be defective, within warranty. Before returning any item, write or call the dealer, from whom the product was purchased, giving model number, serial number, and date of purchase, and describe the nature of the defect. If damage was incurred during transit to you, file claim with the carrier.

