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> Hamilton Beach FlexBrew & 2-Way Programmable Coffee Makers User Manual (Models 49902, 49980R)

Hamilton Beach 49902, 49980R

Hamilton Beach FlexBrew & 2-Way Programmable Coffee Makers

USER MANUAL FOR MODELS 49902 & 49980R

Introduction

This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your Hamilton Beach FlexBrew and 2-Way Programmable Coffee Makers. Please read all instructions carefully before using your appliance.

Important Safety Information

- Read all instructions.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against electrical shock, do not immerse cord, plug, or coffee maker in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.
- Do not use outdoors.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- To disconnect, turn any control to 'off', then remove plug from wall outlet.
- Do not use appliance for other than intended use.

Parts Identification

Familiarize yourself with the components of your coffee makers:



Figure 1: Overview of the Hamilton Beach FlexBrew and 2-Way Programmable Coffee Makers. This image shows both coffee makers side-by-side, highlighting their distinct brewing sections and control panels.

Use any single-serve pod such as a K-Cup®* pod

Brew a cup or travel mug with your favorite ground coffee



Figure 2: Illustration of the three brewing methods: single-serve pod, ground coffee in a reusable filter, and a full 12-cup carafe. This image visually explains the versatility of the coffee makers.



Figure 3: The Hamilton Beach 2-Way Coffee Maker, showing its single-serve side with a mug and the 12-cup carafe side. A reusable mesh filter is also visible.



Easy to use

Just scoop your favorite ground coffee, place & brew

Figure 4: Demonstrates the ease of using ground coffee. A hand is shown scooping ground coffee into the reusable filter basket of the single-serve side.

FlexBrew Coffee Maker Components:

- **Water Reservoir:** Holds water for brewing.
- **Single-Serve Brew Head:** For K-Cup pods or ground coffee.
- **Carafe Brew Basket:** For 12-cup brewing with ground coffee.
- **Control Panel:** Buttons for time, delay brew, cup size, brew strength, and power.
- **Glass Carafe:** 12-cup capacity.
- **K-Cup Pod Holder:** For single-serve pods.
- **Ground Coffee Filter Basket:** For single-serve ground coffee.

2-Way Programmable Coffee Maker Components:

- **Water Reservoir:** Shared for both single-serve and carafe.
- **Single-Serve Side:** For ground coffee with mesh scoop.

- **12-Cup Carafe Side:** For ground coffee.
- **Control Panel:** Buttons for programming and brew selection.
- **Glass Carafe:** 12-cup capacity.
- **Mesh Scoop Filter:** For single-serve ground coffee.

Setup

1. **Unpack:** Carefully remove all packaging materials and accessories.
2. **Clean:** Wash the carafe, brew baskets, K-Cup pod holder, and reusable ground coffee filter in warm, soapy water. Rinse thoroughly.
3. **First Use Cycle:** Before brewing coffee for the first time, run two or three brewing cycles with water only to clean the internal components. Fill the water reservoir to the MAX line, place an empty carafe or mug, and run a brew cycle. Discard the water.
4. **Placement:** Place the coffee maker on a flat, stable surface away from the edge of the counter. Ensure adequate ventilation.

Operating Instructions

A. FlexBrew Single-Serve Brewing (Models 49902, 49980R)

The FlexBrew allows brewing a single cup using either a K-Cup pod or ground coffee.



Figure 5: The FlexBrew's removable 56oz water reservoir, capable of brewing multiple single servings without refilling.

**Brew 7 single servings
without refilling**
56 oz. water reservoir



Figure 6: The FlexBrew control panel showing various cup size options (6oz, 8oz, 10oz, 12oz, 14oz) for single-serve brewing.

1. Using K-Cup Pods:

- a. Lift the single-serve brew head lid.
- b. Insert a K-Cup pod into the K-Cup pod holder. Close the lid firmly.
- c. Fill the water reservoir with the desired amount of water for your cup size. Do not exceed the MAX fill line.
- d. Place your mug on the drip tray.
- e. Press the 'SINGLE' button. The coffee maker will begin brewing.

2. Using Ground Coffee (Single-Serve):

- a. Lift the single-serve brew head lid.
- b. Place the reusable ground coffee filter basket into the K-Cup pod holder.
- c. Add 1 to 3 tablespoons of ground coffee to the filter basket. Do not overfill. Close the lid firmly.
- d. Fill the water reservoir with the desired amount of water for your cup size.
- e. Place your mug on the drip tray.
- f. Press the 'SINGLE' button.

3. Setting Brew Strength (FlexBrew):

- After selecting 'SINGLE' or 'CARAFE', press the 'BREW STRENGTH' button to cycle through Regular or Bold options. The selected strength will display on the screen.

4. Setting Cup Size (FlexBrew Single-Serve):

- After selecting 'SINGLE', press the 'CUP SIZE' button to choose from 6, 8, 10, 12, or 14 ounces.

5. Programmable Brewing (FlexBrew):



Figure 7: The FlexBrew's backlit display showing the programmable timer setting for a delayed brew.

- a. Set the current time using the 'SET TIME' button.
- b. Prepare your coffee (pod or grounds) and fill the water reservoir.
- c. Press the 'DELAY BREW' button. The display will flash 'START TIME'.
- d. Use the 'HOUR' and 'MINUTE' buttons to set your desired brew time.
- e. Press 'DELAY BREW' again to confirm. The indicator light will illuminate, and the coffee maker will brew at the set time.

B. 12-Cup Carafe Brewing (Both Models)

Both coffee makers offer a 12-cup carafe brewing option.

2 ways
to brew:
single cup
or
full pot



Figure 8: Illustrates the two brewing options: a single cup in a travel mug and a full pot in the carafe, emphasizing versatility.

1. Using Ground Coffee (Carafe):

- a. Open the carafe brew basket.
- b. Place a paper filter (basket style) or the permanent filter (if included) into the brew basket.
- c. Add the desired amount of ground coffee (approximately 1 tablespoon per cup).
- d. Fill the water reservoir with cold water to the desired cup marking.
- e. Place the glass carafe on the warming plate.
- f. Press the 'CARAFE' or 'BREW NOW I/O' button to start brewing.

2. Programmable Brewing (12-Cup Carafe):

- a. Prepare the coffee maker with ground coffee and water as described above.
- b. Set the current time (if not already set).
- c. Press the 'DELAY BREW' button (FlexBrew) or 'PROGRAM' button (2-Way).
- d. Set your desired brew time using the 'HOUR' and 'MINUTE' buttons.

- e. Confirm the setting. The indicator light will show that the delay brew is active.

3. Automatic Shutoff:

- The 2-Way Programmable Coffee Maker features an automatic 2-hour shutoff for safety and energy saving.

Maintenance and Cleaning

A. General Cleaning

1. Always unplug the coffee maker before cleaning and allow it to cool completely.
2. Wash the carafe, brew baskets, K-Cup pod holder, and reusable ground coffee filter in warm, soapy water. These parts are generally top-rack dishwasher safe.
3. Wipe the exterior of the coffee maker with a damp cloth. Do not use abrasive cleaners or scouring pads.
4. Clean the warming plate with a damp cloth. Do not use abrasive materials.

B. Descaling

Mineral deposits (calcium) can build up in your coffee maker over time, affecting performance. Descale your coffee maker every 1-3 months, depending on water hardness.

1. Pour 1 cup of white vinegar and 2 cups of cold water into the water reservoir.
2. Place the empty carafe on the warming plate.
3. Run a brew cycle. After about 30 seconds, turn the coffee maker off and let it soak for 30 minutes.
4. Turn the coffee maker back on and let the brew cycle complete.
5. Discard the vinegar solution.
6. Run 2-3 cycles with clean, cold water to rinse out any remaining vinegar.

Troubleshooting

| Problem | Possible Cause | Solution |
|-----------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Coffee does not brew. | No water in reservoir; coffee maker not plugged in; brew cycle not initiated. | Fill reservoir; ensure plug is secure; press appropriate brew button. |
| Coffee tastes weak. | Not enough coffee grounds; coarse grind; brew strength set to regular. | Add more coffee; use finer grind; select 'Bold' brew strength. |
| Coffee overflows from filter. | Too much coffee grounds; filter not seated correctly; clogged brew basket. | Reduce coffee amount; ensure filter is properly placed; clean brew basket. |
| Water leaks from unit. | Water reservoir not properly seated; overfilled reservoir. | Ensure reservoir is securely in place; do not exceed MAX fill line. |
| Programmable brew does not start. | Delay brew not activated; incorrect time set. | Ensure 'DELAY BREW' indicator is lit; verify programmed time. |

Specifications

| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature | Detail |
|---------------------|-----------------------------------------------------------------------------------------------------|
| Brand | Hamilton Beach |
| Models | 49902, 49980R |
| Capacity (FlexBrew) | Single-serve (6-14 oz), 12-cup carafe |
| Capacity (2-Way) | Single-serve, 12-cup carafe |
| Coffee Input Type | K-Cup Pods, Ground Coffee |
| Special Features | Programmable, Auto Shutoff (2-Way), Brew Strength Selector (FlexBrew), Cup Size Selector (FlexBrew) |
| Material | Metal, Plastic |
| Color | Black |
| Included Components | Cleaning Brush, Mesh Scoop |

Warranty and Support

For warranty information or product support, please refer to the warranty card included with your purchase or visit the official Hamilton Beach website. You may also contact customer service directly for assistance.

Website: www.hamiltonbeach.com

Customer Service: Refer to your product registration or included documentation for specific contact numbers and hours of operation.