

avigator CM1706

avigator CM1706 12-Cup Coffee Maker User Manual

Model: CM1706

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using your avigator 12-Cup Coffee Maker. Keep this manual for future reference.

- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electric shock, and injury to persons, do not immerse cord, plugs, or the appliance 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. Contact customer support for assistance.
- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or injury to persons.
- 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.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
- Do not use appliance for other than intended use.
- The carafe is designed for use with this appliance only. It must never be used on a range top.
- Do not place a hot carafe on a wet or cold surface.
- Do not use a cracked carafe or a carafe having a loose or weakened handle.
- Do not clean carafe with cleansers, steel wool pads, or other abrasive materials.

ANTI-COLLISION THERMAL PROTECTION



Image: The avigator CM1706 coffee maker highlighting its anti-collision and thermal protection features, ensuring safe operation.

PACKAGE CONTENTS

- 1 x User Manual
- 1 x Coffee Maker Unit
- 1 x Glass Carafe
- 1 x Coffee Scoop
- 1 x Permanent Filter

SETUP AND FIRST USE

Before first use, clean all removable parts according to the "Cleaning and Maintenance" section. Run a full brewing cycle with only water to clean the internal components.

1. **Position the Coffee Maker:** Place the coffee maker on a flat, stable, heat-resistant surface near an electrical outlet.
2. **Fill the Water Tank:** Open the water tank cover and fill the tank with cold, fresh water. Do not

exceed the MAX water level line indicated on the side of the coffee maker.

EASY TO USE



Step 1: Open the water tank cover and fill with cold water. (DO NOT exceed the MAX water level line.)



Step 2: Put the filter basket in the funnel.



Step 3: Add ground the coffee into the filter basket.



Step 4: Tap BREW/AUTO OFF button to start brewing.

Image: Step 1 shows opening the water tank cover and filling it with cold water up to the MAX line.

3. **Insert the Filter Basket:** Place the permanent filter into the funnel. Ensure it is seated correctly.

EASY TO USE



Step 1: Open the water tank cover and fill with cold water. (DO NOT exceed the MAX water level line.)



Step 2: Put the filter basket in the funnel.



Step 3: Add ground the coffee into the filter basket.



Step 4: Tap BREW/AUTO OFF button to start brewing.

Image: Step 2 illustrates placing the filter basket into the funnel.

4. **Add Ground Coffee:** Add the desired amount of ground coffee into the filter basket. Use the provided coffee scoop for accurate measurement. A general guideline is one scoop per cup, adjusting to taste.

EASY TO USE



Step 1: Open the water tank cover and fill with cold water. (DO NOT exceed the MAX water level line.)



Step 2: Put the filter basket in the funnel.



Step 3: Add ground the coffee into the filter basket.



Step 4: Tap BREW/AUTO OFF button to start brewing.

Image: Step 3 demonstrates adding ground coffee into the filter basket.

5. **Place the Carafe:** Ensure the glass carafe with its lid is correctly positioned on the warming plate.

OPERATING INSTRUCTIONS

Brewing Coffee

1. Follow steps 1-5 from the "Setup and First Use" section.
2. **Start Brewing:** Plug the coffee maker into a power outlet. Tap the **BREW / AUTO OFF** button on the touchscreen control panel to start the brewing process.



Image: The touchscreen control panel with buttons like PROG, AUTO OFF, CLEAN, BREW, and CARAFE TEMP.

EASY TO USE



Step 1: Open the water tank cover and fill with cold water. (DO NOT exceed the MAX water level line.)



Step 2: Put the filter basket in the funnel.



Step 3: Add ground the coffee into the filter basket.



Step 4: Tap BREW/AUTO OFF button to start brewing.

Image: Step 4 shows tapping the BREW / AUTO OFF button to initiate brewing.

3. The coffee maker will begin brewing. The display will show the current time.
4. Once brewing is complete, the coffee maker will automatically switch to the "Keep Warm" mode.

1-4 Cup Function

For smaller batches of coffee (1-4 cups), use the **1-4 CUP** function to optimize brewing for richer flavor.

1. After adding water and coffee grounds, press the **1-4 CUP** button on the control panel.
2. Then, press the **BREW / AUTO OFF** button to start brewing.

24-Hour Programmable Timer

You can program the coffee maker to start brewing automatically at a specific time.

1. **Set Current Time:** Press the **HR** button to set the hour and **MIN** button to set the minute. The display will show AM/PM.
2. **Set Programmed Time:** Press the **PROG** button. The display will flash. Use the **HR** and **MIN** buttons to set your desired brew time.
3. **Activate Program:** Press the **PROG** button again to confirm the programmed time. The **PROG** indicator light will illuminate, indicating the timer is active.
4. The coffee maker will automatically start brewing at the set programmed time.

Keep Warm Function and Temperature Settings

The coffee maker automatically keeps coffee warm for up to 4 hours after brewing. You can adjust the warming plate temperature.

- Press the **CARAFE TEMP** button to cycle through the three temperature settings:
 - **HIGH:** Approximately 84°C (183.2°F)
 - **MEDIUM:** Approximately 81°C (177.8°F)
 - **LOW:** Approximately 78°C (172.4°F)
- The selected temperature will be indicated on the display.
- The warming plate will automatically turn off after 4 hours.



Image: The coffee maker demonstrating its "Keep Warm" feature with three temperature levels: Low (172.4°F), Medium (177.8°F), and High (183.2°F).

CLEANING AND MAINTENANCE

Regular cleaning ensures optimal performance and extends the life of your coffee maker.

Daily Cleaning

1. **Unplug:** Always unplug the coffee maker from the electrical outlet before cleaning.
2. **Wash Removable Parts:** Remove the filter basket and glass carafe. Wash them in warm, soapy water. Rinse thoroughly and dry. These parts are generally top-rack dishwasher safe, but hand washing is recommended for longevity.

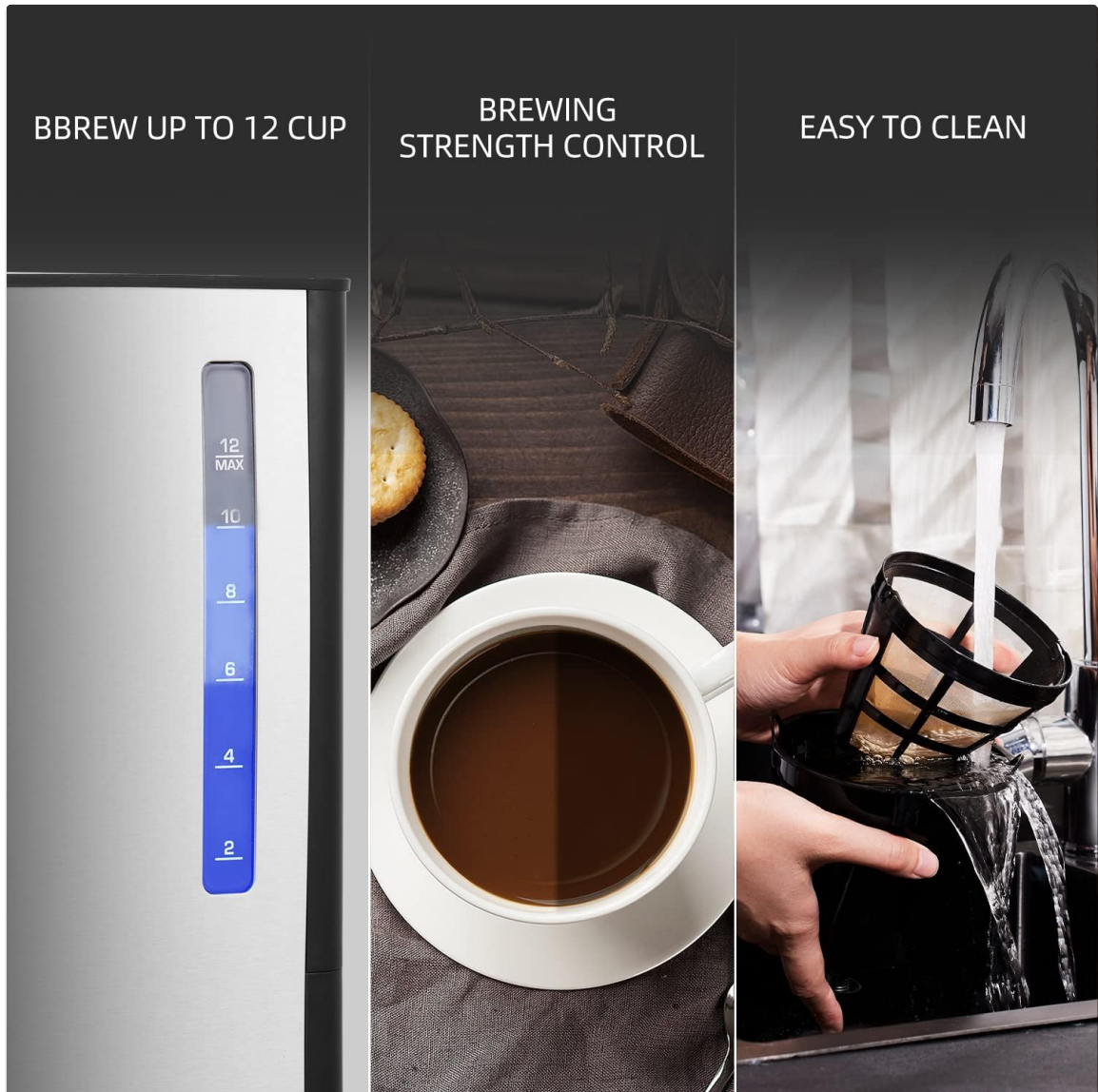


Image: A hand rinsing the reusable filter under running water, demonstrating easy cleaning.

3. **Wipe Exterior:** Wipe the exterior of the coffee maker with a soft, damp cloth. Do not use abrasive cleaners or scouring pads. Never immerse the main unit in water or other liquids.
4. **Clean Warming Plate:** Wipe the warming plate with a clean, damp cloth. Remove any spilled coffee immediately to prevent staining.

Descaling (Monthly or as Needed)

Mineral deposits (limescale) can build up in your coffee maker over time, affecting performance and coffee taste. Descale regularly, especially in areas with hard water.

1. **Prepare Descaling Solution:** Fill the water tank with a mixture of white vinegar and water (e.g., 1 part vinegar to 2 parts water). Do not exceed the MAX fill line.
2. **Start Descaling Cycle:** Place the empty carafe on the warming plate. Press the **CLEAN** button on the control panel. The coffee maker will run a cleaning cycle.
3. **Rinse Cycles:** After the descaling cycle is complete, discard the vinegar solution. Fill the water tank with fresh, cold water and run 2-3 full brewing cycles with only water to rinse out any remaining

vinegar taste.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Coffee does not brew.	Coffee maker not plugged in. Water tank empty. Brew button not pressed. Programmed timer not set correctly or activated.	Ensure the power cord is securely plugged into an outlet. Fill the water tank with water. Press the BREW / AUTO OFF button. Check programmed time and ensure PROG indicator is on.
Coffee tastes weak or too strong.	Incorrect coffee-to-water ratio. Coffee grounds too coarse/fine. Using 1-4 CUP function for full carafe.	Adjust the amount of coffee grounds. Use medium-ground coffee. Ensure 1-4 CUP function is only used for small batches.
Coffee overflows from filter basket.	Too much coffee grounds. Filter basket not seated correctly. Clogged filter. Coffee maker needs descaling.	Reduce coffee grounds. Ensure filter basket is properly inserted. Clean the permanent filter thoroughly. Perform a descaling cycle.
Warming plate not keeping coffee hot.	Incorrect temperature setting. 4-hour auto-off activated.	Adjust CARAFE TEMP setting to HIGH. The warming plate automatically turns off after 4 hours. Re-brew if needed.

SPECIFICATIONS

Brand	avigator
Model Number	CM1706 (also referred to as VES5590)
Capacity	12 Cups
Color	Black
Material	Glass and Stainless Steel
Special Features	1-4 Cup Function, 24-Hour Programmable Timer, 3 Keep-Warm Modes
Human Interface Input	Touchscreen
Filter Type	Reusable
UPC	786661648682

ASIN	B0B2DBWFD5
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WARRANTY INFORMATION

This product comes with a limited manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official avigator website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact avigator customer support.

- **Website:** Please visit the official avigator website (if available) for support resources and contact information.
- **Email:** Refer to your product packaging or the manufacturer's website for customer service email.
- **Phone:** Refer to your product packaging or the manufacturer's website for customer service phone number.

When contacting support, please have your product model number (CM1706) and purchase date available.