

## Rival 203033

# Rival Electric 4-Quart Ice Cream Maker Instruction Manual

Model: 203033

## 1. PRODUCT OVERVIEW

The Rival Electric 4-Quart Ice Cream Maker simplifies the process of creating fresh, homemade ice cream and yogurt. This electric freezer is designed for ease of use, producing ice cream in approximately 25 to 40 minutes. It features an automatic shut-off function once the freezing cycle is complete, ensuring optimal consistency. The durable construction includes a sturdy polypropylene bucket and a metal container for the ice cream mixture. This appliance is compatible with both regular salt and rock salt for the freezing process.

### Key Features:

- Sturdy 10-1/2-inch polypropylene bucket
- Powerful 1.2-amp motor with automatic shut-off
- Durable metal container
- Recipes included



Image 1: Overview of Rival Ice Cream and Yogurt Freezer features, including 4-quart capacity, salt compatibility, recipe book, automatic shut-off, easy clean-up, and one-year warranty.

## 2. COMPONENTS

Familiarize yourself with the various parts of your Rival Electric 4-Quart Ice Cream Maker before assembly and operation.



Image 2: Diagram illustrating the components of the Rival Ice Cream and Yogurt Freezer, including the powerful motor, plastic cover, dasher, 4-quart ice cream can, and lightweight, sturdy bucket with a drain hole.

### List of Components:

1. **Motor Unit:** Contains the powerful 1.2-amp motor that drives the dasher.
2. **Plastic Cover:** Sits on top of the ice cream can to prevent splashes and maintain temperature.

3. **Dasher:** The mixing paddle that churns the ice cream mixture.
4. **Ice Cream Can (4-Quart):** The durable metal container where the ice cream mixture is placed.
5. **Bucket:** The outer polypropylene bucket that holds the ice, salt, and the ice cream can. Features a drain hole for melted water.

### 3. SETUP

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Proper assembly is crucial for optimal performance of your ice cream maker.

1. **Clean Components:** Before first use, wash all parts that will come into contact with food (ice cream can, dasher, plastic cover) in warm, soapy water. Rinse thoroughly and dry. The motor unit should only be wiped clean with a damp cloth.
2. **Prepare Ice Cream Mixture:** Prepare your desired ice cream recipe. Ensure the mixture is thoroughly chilled before pouring it into the ice cream can. *Note: Do not fill the ice cream can more than 2/3 full to allow for expansion during freezing.*
3. **Assemble Canister:** Place the dasher into the center of the ice cream can. Pour the chilled ice cream mixture into the can. Secure the plastic cover onto the ice cream can.
4. **Position Canister in Bucket:** Place the assembled ice cream can into the center of the outer polypropylene bucket. Ensure it sits flat at the bottom.
5. **Add Ice and Salt:** Fill the space between the ice cream can and the outer bucket with alternating layers of ice and rock salt. Use approximately 5-lb. rock salt for a 4-quart capacity. Ensure the ice and salt mixture reaches the top of the ice cream can.
6. **Attach Motor Unit:** Place the motor unit onto the top of the bucket, ensuring the drive shaft of the motor engages with the dasher. Secure the motor unit by locking any clips or latches present on the bucket.

### 4. OPERATING INSTRUCTIONS

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Follow these steps to make delicious homemade ice cream:

1. **Plug In:** Plug the ice cream maker into a standard electrical outlet. The motor will begin to churn immediately.
2. **Churning Process:** The machine will churn the mixture for approximately 25 to 40 minutes. The motor is designed with an automatic shut-off feature that will stop the churning once the ice cream reaches the desired consistency.
3. **Monitor Ice/Salt:** As the ice melts, water will drain from the bucket's drain hole. You may need to add more ice and rock salt during the churning process to maintain optimal freezing temperature, especially if the process takes longer than expected.
4. **Automatic Shut-Off:** The motor will automatically stop when the ice cream is firm. This indicates the ice cream is ready.
5. **Remove Ice Cream:** Once the motor stops, unplug the unit. Carefully remove the motor unit and the ice cream can from the bucket. Remove the dasher from the ice cream can and scrape off any ice cream clinging to it.
6. **Serve or Harden:** The ice cream will be soft-serve consistency. For firmer ice cream, transfer it to an airtight container and place it in the freezer for a few hours.

### 5. MAINTENANCE AND CLEANING

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Proper care will extend the life of your ice cream maker.

- **Motor Unit:** The motor unit should never be immersed in water. Wipe it clean with a damp cloth only.
- **Other Components:** The ice cream can, dasher, plastic cover, and bucket are recommended for hand washing with warm, soapy water. Rinse thoroughly and dry completely before storage.
- **Storage:** Store all components in a clean, dry place.

## 6. TROUBLESHOOTING

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If you encounter issues with your ice cream maker, refer to the following common solutions:

- **Ice Cream Not Freezing:**
  - Ensure the ice cream mixture was thoroughly chilled before starting.
  - Verify sufficient ice and rock salt are packed around the canister. The ice/salt mixture should be level with the top of the canister.
  - Check that the ratio of ice to rock salt is correct (typically 5-lb. rock salt for 4-quart capacity).
  - Ensure the motor unit is properly engaged with the dasher and the unit is plugged in.
- **Motor Stops Prematurely:**
  - The automatic shut-off feature may have activated, indicating the ice cream has reached optimal consistency.
  - Check for any obstructions preventing the dasher from turning freely.
  - Ensure the power cord is securely plugged into a working outlet.
- **Excessive Noise:**
  - A certain level of noise is normal during operation.
  - Ensure the motor unit is securely latched onto the bucket and the canister is properly seated.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	Rival
Model Number	203033
Capacity	4 Quarts
Operation Mode	Automatic
Special Feature	Automatic Shut-Off
Material	Metal, Polypropylene (PP)
Product Dimensions	12"L x 12"W x 15"H
Item Weight	5.81 Pounds
Product Care Instructions	Hand Wash

## 8. WARRANTY INFORMATION

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This Rival Electric 4-Quart Ice Cream Maker comes with a full one-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the product packaging or contact Rival customer support.

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