Mova FD20 Pro (AF-5518ATB)

Mova AeroChef FD20 Pro Air Fryer Instruction Manual

Model: FD20 Pro (AF-5518ATB)
Brand: Mova

1. Introduction

Thank you for choosing the Mova AeroChef FD20 Pro Air Fryer. This appliance is designed to provide a healthier and more efficient way to cook your favorite meals. With its innovative FlexZone dual compartment and SyncFinish technology, you can prepare a variety of dishes with ease and precision, reducing cooking time and energy consumption compared to traditional ovens.
This manual provides essential information on how to safely and effectively use, maintain, and troubleshoot your new air fryer. Please read it thoroughly before first use and keep it for future reference.

2. Important Safety Information

To ensure safe operation and prevent damage, please adhere to the following safety guidelines:

- Always place the air fryer on a stable, heat-resistant surface, away from walls or other appliances to allow for proper ventilation.
- Do not immerse the main unit, cord, or plug in water or any other liquid.
- Ensure the voltage indicated on the appliance matches your local power supply before connecting.
- Keep children and pets away from the appliance during operation. Surfaces become hot.
- Do not block any ventilation openings.
- Unplug the air fryer from the outlet when not in use and before cleaning. Allow it to cool down completely before handling.
- Do not operate the appliance if the cord or plug is damaged, or if the appliance malfunctions or has been damaged in any way.

- Use only accessories recommended by the manufacturer.
- Exercise extreme caution when removing the basket or divider, as hot steam and air may escape.

3. Product Overview

3.1 Components

The Mova AeroChef FD20 Pro Air Fryer comes with the following main components:

- Main Air Fryer Unit
- FlexZone Cooking Basket (9L capacity)
- Removable Divider
- 2 Non-stick Crisper Plates



Figure 1: The Mova AeroChef FD20 Pro Air Fryer, showcasing its sleek black design and front window.



Figure 2: Contents of the Mova AeroChef FD20 Pro package, including the main unit, cooking basket, removable divider, and crisper plates.

3.2 Key Features

- **FlexZone Basket:** Transforms from a spacious 9L mega-zone into two separate 4.5L cooking zones, allowing for versatile cooking options.
- **SyncFinish Mode:** Enables simultaneous completion of two different dishes cooked at varying temperatures and times, ensuring both are ready to serve together.
- **Powerful Performance:** Features 2700W power and a wide heating range of 40°C to 230°C for rapid crisping and efficient cooking.
- **360° Hot Poly-Air Circulation:** Ensures uniform 3D heating for consistent and delicious results, making food crispy on the outside and tender on the inside.
- **Durable Metal Interior:** Unlike plastic interiors, the metal construction prevents plastic odors during heating and ensures safer cooking.
- **Intuitive Touchscreen Control:** Equipped with 7 smart preset cooking modes and customizable temperature/time settings for both novice and experienced cooks.

- **Large Viewing Window:** A well-lit, ample window allows you to monitor cooking progress without interrupting the process.



Figure 3: The FlexZone basket demonstrating its capacity to cook a large item like a whole chicken, or be divided for two separate dishes.



Figure 4: Illustration of the 2700W power and efficient heating system, showing significant reductions in cooking time and energy consumption.



Figure 5: Visual representation of the 360° Hot Poly-Air circulation technology, ensuring even cooking.



Figure 6: Detail of the air fryer's metal interior, designed for safer cooking without plastic odors.

4. Setup and First Use

4.1 Unpacking

Carefully remove all packaging materials from the air fryer. Ensure all components listed in Section 3.1 are present and undamaged. Keep packaging for future storage or transport if needed.

4.2 Cleaning Before First Use

Before using your air fryer for the first time, clean all removable parts:

1. Wash the FlexZone basket, removable divider, and crisper plates with hot water, dish soap, and a non-abrasive sponge.
2. Rinse thoroughly and dry completely.
3. Wipe the interior and exterior of the main unit with a damp cloth. Do not immerse the main unit in water.

4.3 Placement

Place the air fryer on a flat, stable, heat-resistant surface. Ensure there is at least 15 cm (6 inches) of clear space around the back and sides of the appliance to allow for proper air circulation.

4.4 Power Connection

Plug the power cord into a grounded electrical outlet. The air fryer is now ready for use.

5. Operating Instructions

5.1 Control Panel Overview



Figure 7: The intuitive touchscreen control panel of the Mova AeroChef FD20 Pro.

The control panel features a clear digital display and touch-sensitive buttons for easy operation:

- **Power Button:** Turns the unit on/off and starts/pauses cooking.
- **Temperature Controls (+/-):** Adjusts cooking temperature (40°C - 230°C).
- **Time Controls (+/-):** Adjusts cooking time.

- **Zone Selection (1/2):** Selects which cooking zone (left or right) to program.
- **Preset Icons:** Selects one of the 7 pre-programmed cooking modes.
- **SyncFinish Button:** Activates the SyncFinish function.
- **DIY Mode:** Allows for custom temperature and time settings.

5.2 Basic Operation

1. **Turn On:** Press the Power Button to turn on the air fryer. The display will illuminate.
2. **Load Food:** Place food into the FlexZone basket. Ensure not to overfill.
3. **Select Zone (if using two zones):** If using the divider, select Zone 1 or Zone 2 to program its settings.
4. **Set Temperature and Time:** Use the Temperature and Time controls to set your desired cooking parameters. Alternatively, select a preset program by touching its icon.
5. **Start Cooking:** Press the Power Button again to start the cooking cycle.
6. **Pause/Resume:** During cooking, you can press the Power Button to pause the cycle. Press it again to resume.
7. **Shake Reminder:** For some foods, the air fryer may beep to remind you to shake the basket for even cooking.
8. **End of Cycle:** The air fryer will beep when the cooking cycle is complete. Carefully remove the basket.

5.3 Using FlexZone and SyncFinish

The Mova AeroChef FD20 Pro offers flexible cooking options:

- **Single Mega-Zone (9L):** For large items like a whole chicken or a large batch of fries, remove the divider from the basket. Place food directly into the entire basket. When setting cooking parameters, ensure both Zone 1 and Zone 2 are set to the same temperature and time for uniform cooking across the entire basket.
- **Dual Zones (2 x 4.5L):** For cooking two different dishes simultaneously, insert the divider into the basket. Place different foods in each compartment. You can then set independent temperatures and times for Zone 1 and Zone 2.



Figure 8: The SyncFinish mode in action, ensuring two different dishes finish cooking at the same time.

SyncFinish Mode: This feature is ideal when cooking two different foods in the dual zones that require different cooking times. The air fryer will automatically adjust the start time for each zone so that both dishes finish cooking at the same moment.

1. Place food in both Zone 1 and Zone 2.
2. Program the desired temperature and time for Zone 1.
3. Program the desired temperature and time for Zone 2.
4. Press the SyncFinish button. The air fryer will calculate and display the synchronized cooking plan.
5. Press the Power Button to start the synchronized cooking cycle. The zone with the shorter cooking time will pause until the other zone catches up, then both will finish together.

6. Cooking Guide

Air frying offers a healthier alternative to deep frying, using hot air to achieve crispy results with little to no oil. Here are some general tips and preset programs to get you started:

6.1 General Air Frying Tips

- **Preheating:** For best results, preheat the air fryer for 3-5 minutes before adding food.
- **Oil Usage:** While not always necessary, a light spray or toss with oil can enhance crispiness, especially for fresh vegetables or homemade fries.
- **Don't Overcrowd:** Cook in batches if necessary to ensure even air circulation and crisping. Overcrowding can lead to soggy results.
- **Shake/Flip:** For even cooking, shake the basket or flip food halfway through the cooking time.
- **Check Doneness:** Always use a food thermometer to ensure meats are cooked to a safe internal temperature.

6.2 Preset Cooking Programs

The Mova AeroChef FD20 Pro features 7 intelligent preset cooking modes for common dishes. These are recommended starting points and may need adjustment based on food quantity and desired crispiness.



Figure 9: Overview of preset cooking modes and suggested times/temperatures.

Preset Mode	Recommended Temperature	Recommended Time
DIY (Manual)	40°C - 230°C	Variable
Steak	200°C	15 min
Chicken	200°C	30 min
Fish	180°C	25 min
Pizza	180°C	10 min
Fries	200°C	25 min
Cake	180°C	12 min
Vegetables	170°C	20 min

7. Maintenance and Cleaning

Regular cleaning will help maintain the performance and longevity of your Mova AeroChef FD20 Pro Air Fryer.

7.1 Before Cleaning

- Always unplug the air fryer from the power outlet and allow it to cool down completely before cleaning.

7.2 Cleaning Removable Parts

The FlexZone basket, removable divider, and crisper plates have a non-stick coating for easy cleaning.

- Wash these parts with hot water, dish soap, and a non-abrasive sponge.
- The crisper plates are dishwasher safe. The main basket and divider are recommended for hand washing to preserve their non-stick coating.
- For stubborn food residue, soak the parts in warm, soapy water for about 10 minutes before cleaning.

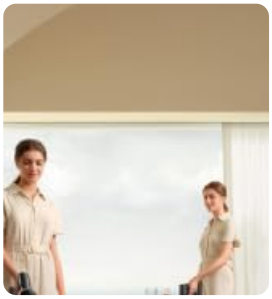


Figure 10: Cleaning the crisper plate under running water.

7.3 Cleaning the Main Unit

- Wipe the exterior of the air fryer with a damp cloth. Do not use abrasive cleaners or scouring pads.
- Clean the interior of the air fryer with a damp cloth and mild detergent. Ensure no water enters the electrical components.
- For the heating element, use a cleaning brush to remove any food residue.

7.4 Storage

Once clean and dry, store the air fryer in a cool, dry place. You can store the basket and crisper plates inside the main unit.

8. Troubleshooting

If you encounter any issues with your Mova AeroChef FD20 Pro Air Fryer, please refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Air fryer does not turn on.	Not plugged in; power outlet malfunction; unit not properly assembled.	Ensure the power cord is securely plugged into a working outlet. Check if the basket is fully inserted.
Food is not cooked evenly.	Basket overcrowded; food not shaken/flipped; incorrect temperature/time.	Cook in smaller batches. Shake or flip food halfway through cooking. Adjust temperature and time as needed.
White smoke coming from the appliance.	Greasy food; oil residue from previous use; food with high fat content.	Clean the basket and crisper plates thoroughly. For fatty foods, drain excess fat during cooking.

Problem	Possible Cause	Solution
Appliance smells like plastic.	New appliance odor (normal for first few uses); plastic residue.	This is usually normal for new appliances and will dissipate. Ensure all plastic packaging is removed. The metal interior minimizes this.
Food is not crispy.	Too much moisture; not enough oil; basket overcrowded; temperature too low.	Pat food dry before cooking. Lightly coat with oil. Do not overcrowd the basket. Increase temperature slightly.

If the problem persists after trying these solutions, please contact customer support.

9. Technical Specifications

Specification	Detail
Brand	Mova
Model	AF-5518ATB (FD20 Pro)
Color	Black
Product Dimensions	39 x 30 x 37.3 cm
Item Weight	7.3 Kilograms
Capacity	9 Liters
Wattage	2700 Watts
Voltage	230 Volts (AC)
Temperature Range	40°C - 230°C
Special Features	Temperature Control, Programmable, Timer, FlexZone, SyncFinish
Recommended Uses	Bake, Roast, Fry, Grill

10. Warranty and Customer Support

The Mova AeroChef FD20 Pro Air Fryer comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including the warranty period and coverage details.
For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Mova customer support through the official website or the contact information provided in your product documentation. Please have your model number (FD20 Pro or AF-5518ATB) and proof of purchase ready when contacting support.

© 2025 Mova. All rights reserved. Information in this manual is subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question