

SAMSUNG NV7B4550VAK

Samsung NV7B4550VAK Built-in Oven Instruction Manual

Model: NV7B4550VAK

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Samsung NV7B4550VAK built-in electric oven. Please read these instructions thoroughly before installation, operation, and maintenance to ensure optimal performance and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, burns, or injury. This appliance is intended for household use only. Do not use the oven for purposes other than cooking food.

- Ensure the oven is properly grounded.
- Do not touch hot surfaces. Use oven mitts or pot holders.
- Never use water on grease fires; smother the fire or use a dry chemical or foam-type extinguisher.
- Keep children away from the oven during operation and cooling.
- Do not store flammable materials in or near the oven.
- Disconnect power before servicing or cleaning.

3. SETUP AND INSTALLATION

The Samsung NV7B4550VAK is a built-in electric oven designed for integration into kitchen cabinetry. Professional installation is recommended to ensure correct fitting and electrical connection.

3.1 Dimensions and Placement

The product dimensions are approximately 100D x 100B x 100H centimeters. Ensure the cabinet opening meets the required niche dimensions for proper ventilation and fit. Refer to the installation template provided with the oven for precise measurements.



Figure 1: Side view of the Samsung NV7B4550VAK built-in oven, showing its integration into cabinetry.

3.2 Electrical Connection

The oven operates at 3000 watts. Ensure the electrical supply meets the appliance's requirements and is installed by a qualified electrician in accordance with local codes.

3.3 Initial Cleaning

Before first use, wipe the interior of the oven with a damp cloth and mild detergent. Run the oven on a high temperature for approximately 30 minutes to burn off any manufacturing residues. Ensure adequate ventilation during this process.

4. OPERATING INSTRUCTIONS

Your Samsung NV7B4550VAK oven features a 76-liter capacity and multiple cooking functions for versatile meal preparation.



Figure 2: Interior view of the oven, showing racks and heating elements.

4.1 Control Panel Overview

The oven is controlled via a digital display and rotary knobs. The display shows temperature, time, and selected functions. Refer to the detailed control panel diagram in the full user manual for specific button functions.

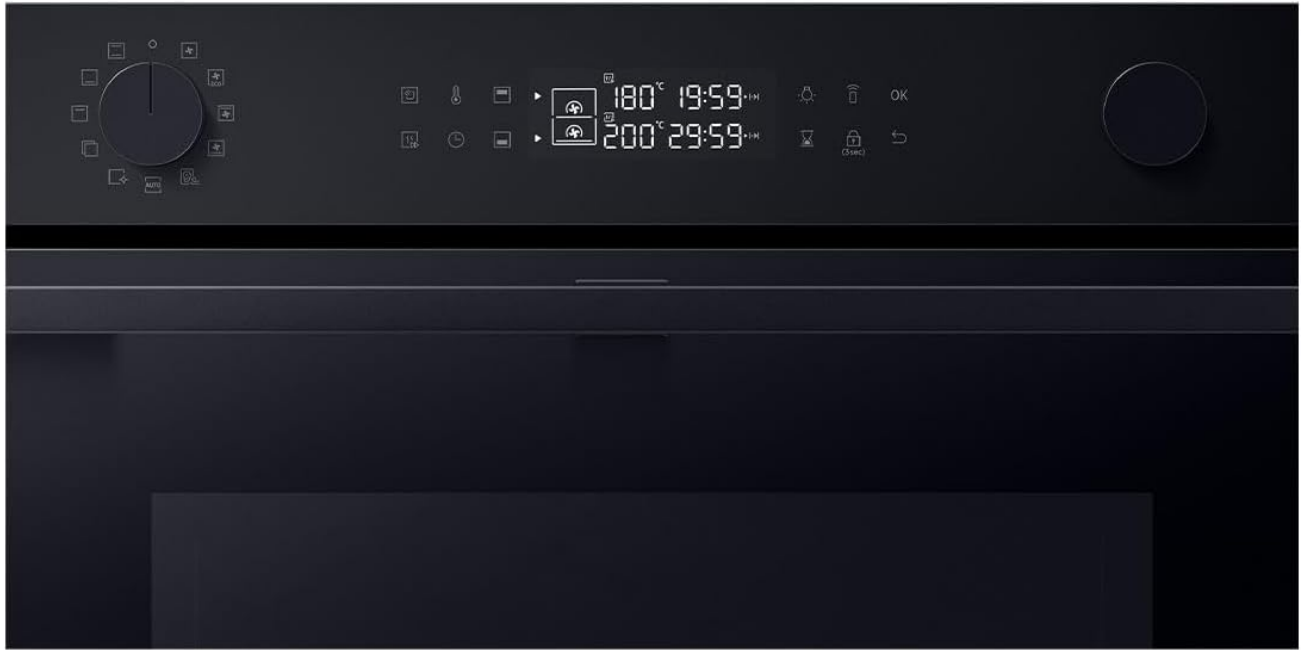


Figure 3: Close-up of the oven's control panel with digital display and rotary selectors.

4.2 Cooking Functions

The NV7B4550VAK offers various cooking modes:

- **Boven- en onderwarmte (Top and Bottom Heat):** Standard baking and roasting.
- **Grillfunctie (Grill Function):** For grilling and browning.
- **Stoomfunctie (Steam Function):** For healthier cooking with steam.
- **Ontdooifunctie (Defrost Function):** Gentle thawing of frozen foods.
- **Voorverwarmen (Preheat):** Rapid heating to the desired temperature.
- **Dual Cook Flex:** Allows cooking two different dishes at different temperatures simultaneously.
- **Vacuum Cooking:** For precise low-temperature cooking.

4.3 Smart Features

This oven includes Wi-Fi connectivity and voice control capabilities. Refer to the separate SmartThings app manual for instructions on connecting your oven to your home network and utilizing voice commands.

5. MAINTENANCE AND CLEANING

Regular cleaning and maintenance ensure the longevity and optimal performance of your oven.

5.1 Pyrolytic Cleaning

The oven features a Pyrolytic cleaning function, which heats the oven to a very high temperature to burn off food residues, turning them into ash that can be easily wiped away. Follow the instructions on the control panel to initiate this cycle. Remove all accessories, including racks and the steam tray, before starting a pyrolytic cycle.

5.2 General Cleaning

For light cleaning, wipe the interior and exterior surfaces with a soft cloth and mild detergent. Avoid abrasive cleaners or scouring pads that can damage surfaces. Clean the steam tray after each use.



Figure 4: The steam tray accessory, used for steam cooking functions.

6. TROUBLESHOOTING

If you encounter issues with your oven, consult the following common troubleshooting tips before contacting service.

Problem	Possible Cause	Solution
Oven not heating	Power supply issue, incorrect settings, door not closed properly.	Check circuit breaker, verify cooking mode and temperature, ensure door is fully latched.
Uneven cooking	Improper rack position, overloaded oven, worn out heating element.	Use recommended rack positions, avoid overcrowding, contact service if element is faulty.
Oven light not working	Bulb needs replacement.	Replace the oven light bulb (ensure oven is cool and power is disconnected).
Error code on display	System malfunction.	Note the error code and consult the full user manual or contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the Samsung NV7B4550VAK oven:

- **Brand:** SAMSUNG
- **Model Number:** NV7B4550VAK
- **Type:** Built-in Electric Oven
- **Capacity:** 76 liters
- **Product Dimensions:** 100D x 100B x 100H cm
- **Wattage:** 3000 watts
- **Heating Method:** Convection
- **Color:** Black (with Stainless Steel finish details)

- **Energy Class:** C
- **Energy Consumption (Conventional):** 1.05 kWh/cycle
- **Energy Consumption (Hot Air):** 0.71 kWh/cycle
- **Special Features:** Dual Cook Flex, Pyrolytic Cleaning, Voice Control, Steam Cooking, Vacuum Cooking, Wi-Fi Connectivity
- **Model Year:** 2022

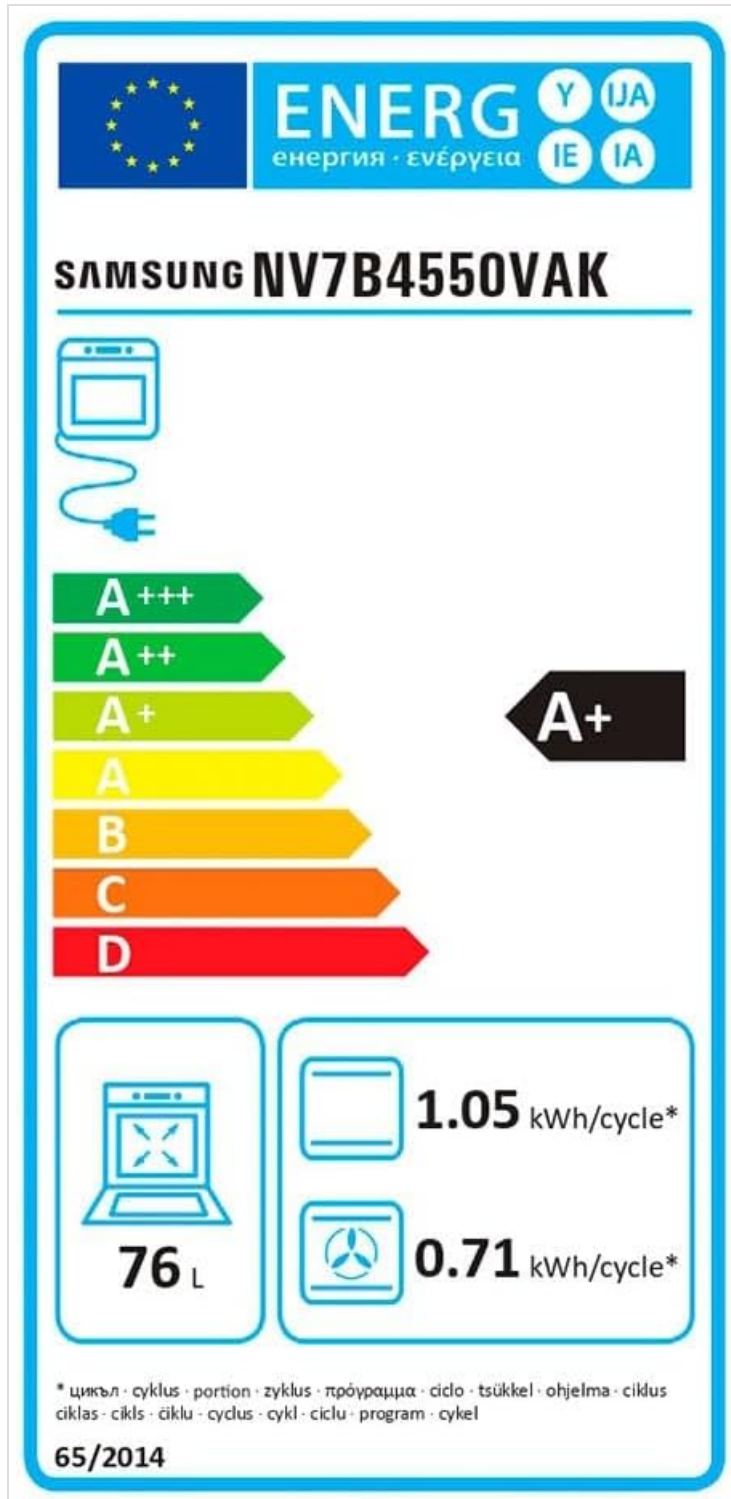


Figure 5: Energy efficiency label for the Samsung NV7B4550VAK oven, indicating its energy class and consumption.

8. WARRANTY AND SUPPORT

For warranty information, service requests, or technical support, please refer to the warranty card included with your product or visit the official Samsung website. Ensure you have your model number (NV7B4550VAK) and purchase date available

when contacting support.