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## Sharp SMD2420MS

# Sharp SMD2420MS 24-Inch Built-In Microwave Drawer Oven User Manual

Model: SMD2420MS

## 1. PRODUCT OVERVIEW

The Sharp SMD2420MS is a 24-inch built-in microwave drawer oven designed for seamless integration into your kitchen. It features a 1.2 cu. ft. capacity, touch control panel, and Sensor Cook technology for efficient and convenient cooking.



Image: The Sharp SMD2420MS microwave drawer oven in a closed, angled view, showcasing its stainless steel finish and black control panel.

## 2. SETUP AND INSTALLATION

This microwave drawer oven offers versatile installation options, allowing it to be built into a wall, kitchen island, peninsula, or under-counter without requiring additional hardware. The design supports both standard and flush-mount installations to match your kitchen aesthetics.

### Installation Options

#### Install It Your Way!

The built-in ready SMD2420MS can be installed in a wall, peninsula, under-the-counter or kitchen island with no additional hardware needed.



Image: A diagram illustrating the flexible installation possibilities for the microwave drawer, including under-counter, island, and wall placements.

For detailed installation instructions, please refer to the official Installation Manual provided with your product or available for download from the manufacturer's website. Proper ventilation and electrical connections are crucial for safe operation.

### Flush-Mount Ready Design

The SMD2420MS can be installed with either a traditional standard mount or a flush mount, providing a sleek, integrated look with your cabinetry.

# Flush-Mount Ready

Choose between traditional “standard mount” or “flush mount” installation options for your SMD2420MS.



**Standard Mount**



**Flush Mount**

Image: A side-by-side comparison showing the difference between a standard mounted microwave drawer and a flush-mounted one, highlighting the seamless integration of the latter.

## Optional Pedestal Accessory

An optional pedestal accessory is available (sold separately) to provide convenient drawer storage and elevate the microwave for specific installation needs. This allows for customization to match your kitchen's design.

## Optional Pedestal Accessory

Slides right under the counter for an easy, hassle-free installation, offering convenient drawer storage.



Customize your pedestal panel to match your kitchen



**SMD2420MS & SKMD24U0ES**

Pedestal sold separately.

Image: The microwave drawer oven shown installed above an optional pedestal accessory, with examples of different custom panel finishes for the pedestal.

### Dimensions

Ensure your cabinet opening meets the required dimensions for proper installation.



Image: A technical drawing indicating the height, width, and depth dimensions of the Sharp SMD2420MS microwave drawer oven.

### 3. OPERATING INSTRUCTIONS

The SMD2420MS microwave drawer oven is designed for ease of use with its intuitive touch control panel and automatic drawer system.

#### Opening and Closing the Drawer

The automatic drawer system allows for convenient access. Press the **OPEN** button on the control panel to smoothly open the drawer. To close, gently nudge the drawer or press the **CLOSE** button.



Image: A side view of the Sharp SMD2420MS microwave drawer oven with its drawer fully extended, revealing the interior cooking space.

## Control Panel

The angled touch control panel provides easy visibility and access to all cooking functions. It includes options for Sensor Cook, Reheat, Popcorn, Defrost, and more.

# Touch Control Panel

The angled touch control panel is easy-to-see and convenient to operate.



Image: A close-up view of the microwave's angled touch control panel, showing various function buttons and a digital display, with a finger interacting with a button.

## Sensor Cook Technology

The advanced Sensor Cook technology automatically detects the moisture levels of food to determine the ideal cooking time and power level, eliminating guesswork and ensuring optimal results for various dishes.

# Think Less. Cook More.

The SMD2420MS eliminates the guesswork from cooking with its advanced Sensor Cook® technology, Smart & Easy™ settings, and Auto Defrost for convenient cooking.



Simulated images, results may vary.

Image: A split image showing perfectly cooked roasted potatoes on one side and raw meat patties on the other, demonstrating the microwave's capability for both cooking and defrosting.

## Control Lock Feature

To prevent accidental operation, especially by children, enable the Control Lock feature. This feature disables the control panel until it is unlocked.

# Control Lock Feature

Enable the Control Lock Feature to prevent accidental operations.



**SMD2420MS**

Image: A detailed view of the microwave's control panel, highlighting the 'Control Lock' button with a finger pressing it, indicating activation of the safety feature.

## Basic Cooking Functions

- **Popcorn:** Use the dedicated Popcorn button for perfectly popped corn.
- **Reheat:** The Sensor Reheat function warms food evenly without overcooking.
- **Defrost:** Utilize Sensor Defrost with moisture detection for efficient thawing of various foods.
- **Beverage:** Optimized setting for heating beverages.

# Seamless Design, Spacious Convenience

The SMD2420MS offers a generous 17" x 16" interior, perfect for platters, casseroles, and serving bowls.



Image: A white bowl filled with peas and carrots placed inside the spacious open drawer of the microwave oven, demonstrating its capacity.

## Product Overview Video

Your browser does not support the video tag.

Video: An official product overview from Sharp Electronics Corporation, showcasing the features and functionality of the microwave drawer oven, including its automatic opening and closing mechanism and control panel.

## 4. MAINTENANCE AND CLEANING

Regular cleaning and maintenance will ensure the longevity and optimal performance of your Sharp SMD2420MS microwave drawer oven.

### Interior Cleaning

To clean the interior, wipe with a soft cloth and mild detergent. For stubborn food spills, place a bowl of water

with lemon slices inside and microwave for a few minutes to loosen residue, then wipe clean. Avoid abrasive cleaners or scouring pads.

### Exterior Cleaning

Wipe the exterior surfaces, including the stainless steel and control panel, with a soft, damp cloth. For stainless steel, use a specialized stainless steel cleaner to maintain its finish. Do not spray cleaners directly onto the control panel.

### Drawer Rails

Keep the drawer rails free from food particles and debris to ensure smooth operation. Periodically wipe the rails with a damp cloth.

## 5. TROUBLESHOOTING

If you encounter issues with your microwave drawer oven, refer to the following common troubleshooting steps before contacting customer support.

### Microwave Not Starting

- Ensure the power cord is securely plugged into a functional outlet.
- Check your household fuse or circuit breaker.
- Make sure the drawer is fully closed. The microwave will not operate if the drawer is ajar.
- Verify that the Control Lock feature is not activated. If it is, deactivate it as per the operating instructions.

### Uneven Cooking or Heating

- Ensure food is placed centrally in the drawer.
- Stir or rotate food halfway through cooking for more even results.
- Use microwave-safe cookware.

### Drawer Not Opening or Closing Smoothly

- Check for any obstructions in the drawer rails.
- Ensure the microwave is level and properly installed.

If these steps do not resolve the issue, please contact customer support.

## 6. SPECIFICATIONS

| Feature      | Detail    |
|--------------|-----------|
| Brand        | Sharp     |
| Model Number | SMD2420MS |

| Feature                           | Detail                                                                                                                      |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Product Dimensions<br>(D x W x H) | 16"D x 24"W x 16"H                                                                                                          |
| Color                             | Stainless Steel With Black Control Panel                                                                                    |
| Capacity                          | 1.2 cubic feet                                                                                                              |
| Wattage                           | 950 watts                                                                                                                   |
| Voltage                           | 120 Volts                                                                                                                   |
| Number of Power Levels            | 10                                                                                                                          |
| Installation Type                 | Built-In                                                                                                                    |
| Special Features                  | ADA Compliant, Automatic Drawer System, Built-in Airflow Control, Control Lock, Touch Control Panel, Sensor Cook Technology |
| Material                          | Glass, Plastic, Stainless Steel                                                                                             |
| Item Weight                       | 75 Pounds                                                                                                                   |
| UPC                               | 074000623019                                                                                                                |

# Designed For All Lifestyles

Designed with ADA compliance in mind, the SMD2420MS features a sleek under-counter design with flexibility to fit any lifestyle.



Image: A person in a wheelchair is shown comfortably preparing food on a countertop next to the Sharp microwave drawer oven, highlighting its ADA-compliant design and accessibility.

## 7. WARRANTY INFORMATION

The Sharp SMD2420MS microwave drawer oven comes with a **1 Year Limited Warranty**. Please refer to the warranty documentation included with your product for full terms and conditions. Keep your purchase receipt as proof of purchase for any warranty claims.

## 8. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about service, please contact Sharp Customer Service. You can typically find contact information on the Sharp official website or in the documentation provided with your appliance.

**Online Resources:** Visit the official Sharp website for FAQs, product registration, and additional support materials.

**Service & Repair:** If your appliance requires service, please contact an authorized Sharp service provider.

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