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› Panasonic NA-147MF1L01 7 kg 5 Star Inverter Fully Automatic Front Loading Washing Machine User Manual

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Model: NA-147MF1L01

1. INTRODUCTION

Thank you for purchasing the Panasonic NA-147MF1L01 7 kg 5 Star Inverter Fully Automatic Front Loading Washing Machine. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your appliance. Please read it thoroughly before using the washing machine and retain it for future reference.



Figure 1.1: Front view of the Panasonic NA-147MF1L01 washing machine. This image displays the sleek silver finish, the large black front-loading door, and the digital control panel with a rotary knob.



INVERTER

BUILT-IN HEATER

ActiveFoam
SYSTEM

GENTLE
HANDWASH

Figure 1.2: Angled view of the Panasonic NA-147MF1L01 washing machine, highlighting key features such as Inverter technology, Built-in Heater, ActiveFoam System, and Gentle Handwash capability. A 'No. 1 Appliances Brand in Japan' badge is also visible.

2. SAFETY INFORMATION

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

2.1 General Safety

- Ensure the washing machine is connected to a grounded power outlet.
- Do not allow children to play with or operate the appliance.
- Keep packaging materials out of reach of children.
- Do not install the appliance in a damp place or where it may be exposed to rain.
- Never force the door open during operation.
- Unplug the appliance before cleaning or performing any maintenance.

- Do not wash items that have been contaminated with flammable substances.

2.2 Electrical Safety

- Use a dedicated power outlet for the washing machine.
- Do not use extension cords or multiple socket adapters.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

2.3 Water Safety

- Ensure water inlet hoses are securely connected to prevent leaks.
- Check water hoses regularly for wear and tear.
- Do not operate the machine if there is a water leak.

3. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your washing machine. Please follow these steps carefully.

3.1 Unpacking

1. Remove all packaging materials, including the polystyrene base and any protective film.
2. Remove the transit bolts located at the rear of the machine. These bolts secure the drum during transport and must be removed before use. Keep them for future transport.

3.2 Location

- Place the washing machine on a firm, level surface.
- Ensure there is adequate ventilation around the machine.
- Avoid direct sunlight or extreme temperatures.

3.3 Leveling the Machine

Adjust the leveling feet at the bottom of the machine until it is perfectly stable and level. Use a spirit level to verify.

3.4 Water Connection

- Connect the water inlet hose to a cold water tap with a 3/4-inch thread. Ensure the connection is tight to prevent leaks.
- Place the drain hose into a standpipe or securely attach it to a sink. Ensure the drain hose is not kinked or blocked.

3.5 Power Connection

Plug the power cord into a grounded 220V-240V, 50Hz electrical outlet. Do not share the outlet with other appliances.

3.6 Initial Wash Cycle

Before washing clothes, run an empty wash cycle with a small amount of detergent to clean the drum and remove any manufacturing residues.



Figure 3.1: Dimensional diagram of the Panasonic NA-147MF1L01 washing machine. The image shows the machine's width as 59.5 cm, depth as 49.5 cm, and height as 85.0 cm, with the model number NA-147MF1L01 clearly indicated.

4. OPERATING INSTRUCTIONS

This section guides you through the daily operation of your Panasonic washing machine.

4.1 Control Panel Overview



Figure 4.1: Close-up view of the Panasonic NA-147MF1L01 washing machine's control panel. It features a digital display showing '0:50', various indicator lights, and a large rotary knob for program selection, along with touch buttons for additional settings.

The control panel consists of a digital display, program selection knob, and touch buttons for various functions like temperature, spin speed, and special features.

4.2 Loading Laundry

1. Open the washing machine door.
2. Load laundry loosely into the drum, ensuring not to overload. Leave enough space for clothes to tumble freely.
3. Close the door firmly until it clicks.

4.3 Adding Detergent and Softener

Pull out the detergent dispenser drawer and add appropriate amounts of detergent to the main wash compartment and fabric softener to its designated compartment. Refer to detergent packaging for dosage recommendations.

4.4 Selecting a Wash Program

Turn the program selection knob to choose one of the 16 available wash programs. The digital display will show the default time and settings for the selected program.



Figure 4.2: An icon representing the 16 available wash programs, illustrating the versatility of the washing machine for different fabric types and washing needs.

4.5 Adjusting Settings

- **Temperature:** Press the 'Temp' button to cycle through the 5 available temperature settings (20°C, 30°C, 40°C, 60°C, 90°C).
- **Spin Speed:** Press the 'Spin' button to adjust the spin speed. The maximum spin speed is 1400 RPM.
- **Special Features:** Select additional functions like 'Pre-wash', 'Extra Rinse', or 'Delay Start' if available on the control panel.

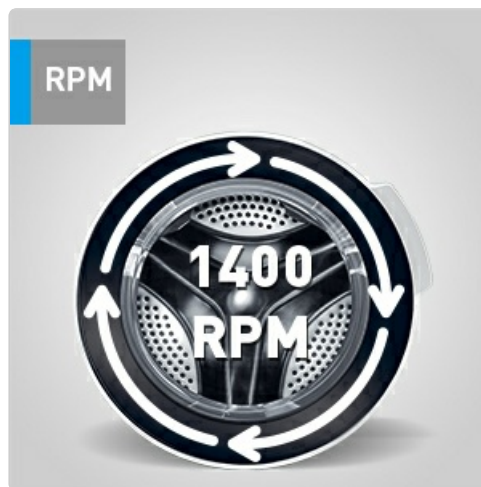


Figure 4.3: An icon illustrating the 1400 RPM spin speed capability of the washing machine, indicating efficient water extraction for faster drying.

4.6 Starting a Cycle

Press the 'Start/Pause' button to begin the selected wash cycle. The machine will automatically proceed through the wash, rinse, and spin phases.

4.7 Special Features

- **Inverter Technology:** The Inverter motor ensures quiet operation, energy efficiency, and durability.

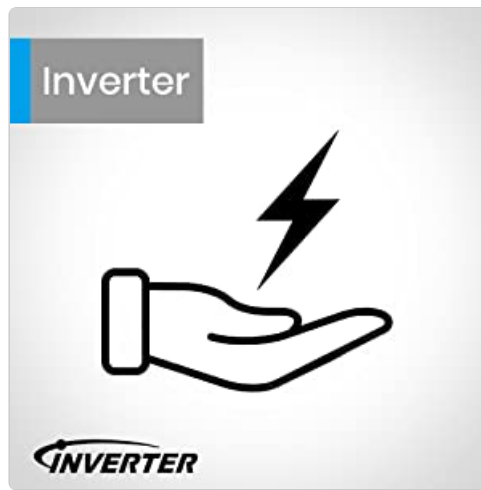


Figure 4.4: An icon representing the Inverter technology, symbolizing energy efficiency and optimized performance.

- **ActiveFoam System:** Creates fine, dense foam that penetrates clothes to lift dirt effectively.

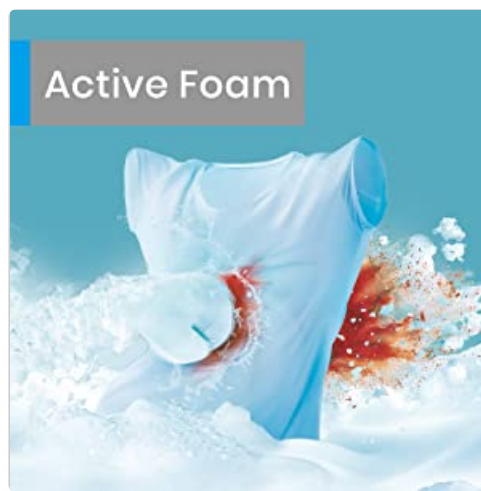


Figure 4.5: An illustration depicting the ActiveFoam system, showing foam bubbles effectively cleaning a stained garment.

- **Hexa Cube Drum:** Designed for gentle yet effective washing, protecting fabrics from damage.

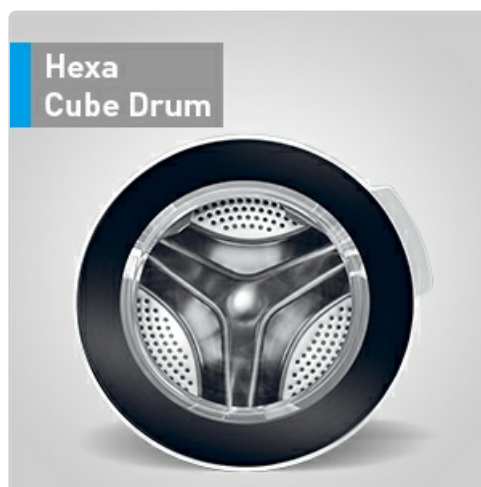


Figure 4.6: A visual representation of the Hexa Cube Drum interior, highlighting its unique texture designed for gentle washing and effective dirt removal.

- **Built-in Heater & Anti-Germ Hot Wash:** Allows for washing at higher temperatures to eliminate 99.99% of bacteria.



Figure 4.7: An image illustrating the Anti-Germ Hot Wash feature, showing a family with the washing machine and a shield icon indicating 99.99% bacteria elimination with the built-in heater.



Figure 4.8: An icon representing the washing machine's ability to eliminate 99.99% of bacteria, emphasizing its hygienic cleaning capabilities.

- **Gentle Handwash:** A specialized program designed for delicate garments that typically require handwashing.

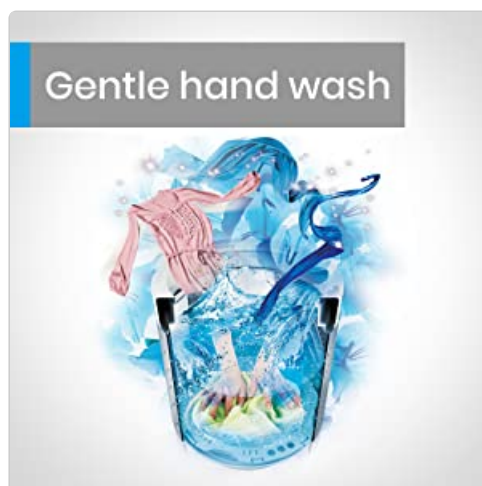


Figure 4.9: An illustration of the Gentle Handwash feature, showing delicate clothes being washed gently within the drum, surrounded by soft water effects.

- **Pause 'N' Add:** Allows you to pause the cycle and add forgotten items of laundry.

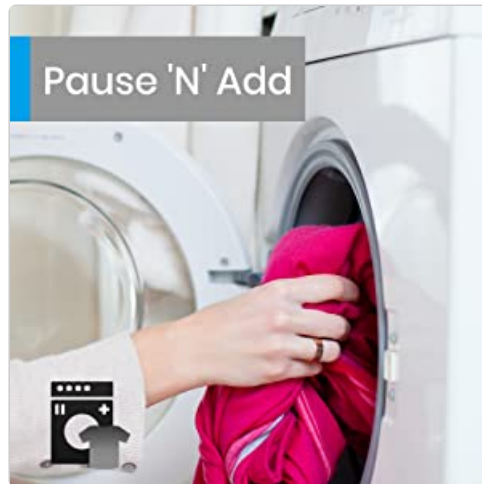


Figure 4.10: An image demonstrating the 'Pause 'N' Add' feature, where a hand is placing an additional garment into the washing machine drum during a cycle.

- **Brisk Wash:** A quick wash program for lightly soiled items or when you need clothes cleaned fast.

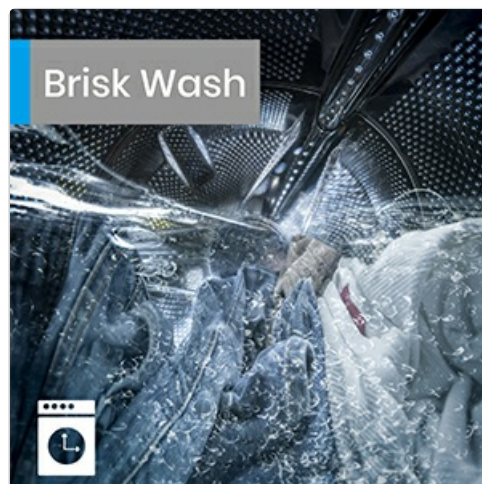


Figure 4.11: An illustration of the Brisk Wash feature, showing clothes being rapidly agitated in water, indicating a quick wash cycle.

5. MAINTENANCE AND CLEANING

Regular maintenance ensures optimal performance and extends the lifespan of your washing machine.

5.1 Cleaning the Exterior

Wipe the exterior of the machine with a soft, damp cloth. Do not use abrasive cleaners or solvents.

5.2 Cleaning the Detergent Dispenser

Remove the detergent dispenser drawer and rinse it under running water to remove any detergent

residue. Clean the housing with a brush if necessary.

5.3 Cleaning the Drum

Run a 'Drum Clean' or 'Tub Clean' cycle (if available) periodically. Alternatively, run a hot wash cycle with no laundry and a cup of white vinegar or a specialized washing machine cleaner.



Figure 5.1: The interior of the washing machine drum with the door open, showing the stainless steel Hexa Cube drum design. This view is relevant for understanding where to clean the drum.

5.4 Cleaning the Drain Filter

Locate the drain filter at the bottom front of the machine. Open the cover, place a shallow tray underneath to catch water, and carefully unscrew the filter. Clean any lint or debris and re-secure it.

5.5 Door Seal

Wipe the rubber door seal after each wash to prevent mold and mildew buildup.

6. TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and solutions.

Problem	Possible Cause	Solution
Machine does not start	Power cord unplugged; Door not closed properly; Power outage; Start/Pause button not pressed.	Check power connection; Ensure door is latched; Check household power; Press Start/Pause.
Water not filling	Water tap closed; Water inlet hose kinked or blocked; Water pressure too low.	Open water tap; Straighten hose; Check household water supply.
Water not draining	Drain hose kinked or blocked; Drain filter clogged.	Straighten drain hose; Clean drain filter (refer to Section 5.4).
Excessive vibration/noise	Transit bolts not removed; Machine not level; Uneven load; Machine placed on unstable surface.	Remove transit bolts; Adjust leveling feet; Redistribute laundry; Ensure stable installation.
Detergent residue on clothes	Too much detergent; Low water pressure; Detergent dispenser clogged.	Reduce detergent amount; Check water supply; Clean detergent dispenser.

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

7. SPECIFICATIONS

Feature	Detail
Model Number	NA-147MF1L01
Capacity	7 Kilograms
Energy Rating	5 Star
Motor Type	Inverter
Washing Cycles	16 Programs
Temperature Settings	5 (20-30-40-60-90°C)
Maximum Spin Speed	1400 RPM
Drum Material	Stainless Steel (Hexa Cube Drum)
Access Location	Front Load
Dimensions (LxWxH)	49.5 x 59.5 x 85 Centimeters
Item Weight	61 kg
Voltage	220 Volts
Special Features	Inverter, ActiveFoam System, Built-in Heater, Gentle Handwash, Pause 'N' Add, Brisk Wash
Included Components	Washing Machine - 1N
Country of Origin	China

8. WARRANTY AND SUPPORT

Your Panasonic NA-147MF1L01 washing machine comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty period and coverage details.

8.1 Customer Support

For technical assistance, service requests, or inquiries regarding your product, please contact Panasonic customer support through their official website or the contact details provided in your warranty documentation.

You can find more information and support resources on the official Panasonic website:
www.panasonic.com

