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> [Omega NC900HDC Juicer and Nutrition System Instruction Manual](#)

Omega NC900HDC

Omega NC900HDC Juicer and Nutrition System Instruction Manual

Model: NC900HDC

Brand: Omega

1. PRODUCT OVERVIEW

The Omega NC900HDC Nutrition System is a masticating juicer designed for efficient juice extraction. It operates at a slow 80 RPM, which helps to minimize heat buildup and oxidation, preserving healthy enzymes and allowing juice to be stored for longer periods. This system is capable of processing various fruits, vegetables, leafy greens, and wheatgrass. Beyond juicing, it can also be used to prepare nut butters, baby food, soy milk, extrude pasta, grind coffee and spices, and mince herbs and garlic.



Image: The Omega NC900HDC Juicer and Nutrition System, showcasing its versatility with different ingredients.

2. KEY FEATURES

- **Cold Press Slow Juicer:** Operates at 80 RPM to minimize heat and oxidation, preserving nutrients and enzymes.
- **Versatile Nutrition System:** Capable of making nut butters, baby food, soy milk, extruding pasta, grinding coffee/spices, and mincing herbs/garlic.
- **Dual-Stage Masticating Technology:** Maximizes nutrient, vitamin, flavor, and juice extraction from various produce.
- **Adjustable End Cap:** Features 5 pressure settings for optimal juice output and extraction.

- **Automatic Pulp Ejection:** Allows for continuous juicing without interruption.
- **Powerful and Quiet Motor:** Equipped with a gear reduction equivalent to a 2HP motor, providing sufficient torque for tough ingredients while operating quietly.
- **User-Friendly Design:** Includes an extra-large feed tray and a convenient built-in handle for ease of use.



Image: The Omega NC900HDC demonstrating its 'All-in-One' capability, preparing various food items beyond just juice.

3. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components listed in the packing list are present.
2. **Wash Parts:** Before first use, wash all removable parts (auger, juicing screen, end cap, juice and pulp containers, food pusher) with warm, soapy water. Rinse thoroughly and dry. The main motor base should be wiped with a damp cloth.
3. **Assemble Juicing Components:** Attach the juicing drum to the motor base. Insert the auger into the juicing drum. Place the juicing screen over the auger. Secure the end cap by twisting it clockwise until it locks into place.
4. **Position Containers:** Place the juice collecting container under the juice spout and the pulp collecting container under the pulp ejection spout.
5. **Connect Power:** Plug the power cord into a grounded electrical outlet.



Image: All removable parts of the Omega NC900HDC Juicer laid out, ready for assembly or cleaning.

4. OPERATING INSTRUCTIONS

4.1. Preparing Ingredients

- Wash all fruits and vegetables thoroughly.
- Cut ingredients into pieces small enough to fit into the feed chute. Remove large seeds or hard pits.
- For fibrous vegetables like celery or wheatgrass, cut into 1-inch pieces to prevent clogging.

4.2. Juicing Process

1. Ensure the juicer is properly assembled and the juice/pulp containers are in place.
2. Turn the power switch to the 'ON' position.
3. Slowly feed ingredients into the feed chute. Use the food pusher only when necessary to guide ingredients down, avoiding excessive force.
4. Adjust the end cap setting (1-5) based on the type of produce. Use lower settings (1-2) for softer fruits and higher settings (3-5) for harder vegetables and fibrous greens to maximize extraction.
5. Allow the juicer to process ingredients at its slow speed. The juice will flow into the juice container, and pulp will be ejected into the pulp container.
6. Once finished, turn the power switch to 'OFF' and unplug the unit.

4.3. Other Functions (Nut Butters, Sorbets, etc.)

- For nut butters, use the blank screen (not the juicing screen) and feed roasted, shelled nuts slowly.
- For sorbets, use the blank screen and feed slightly thawed frozen fruit.
- Refer to the full instruction manual for specific attachments and settings for other functions like pasta extrusion or

grinding.



Image: The Omega NC900HDC Juicer in operation, showing juice collecting in one container and pulp in another.

5. MAINTENANCE AND CLEANING

1. **Disassembly:** After use, turn off and unplug the juicer. Disassemble the juicing components by twisting the end cap counter-clockwise, then removing the juicing screen, auger, and juicing drum.
2. **Washing:** All removable parts should be hand washed with warm, soapy water immediately after use to prevent pulp from drying and sticking. Use the included cleaning brush to clean the juicing screen thoroughly.
3. **Motor Base:** Wipe the motor base with a damp cloth. Do not immerse the motor base in water or any other liquid.
4. **Drying and Storage:** Ensure all parts are completely dry before reassembling or storing. Store the juicer in a clean, dry place.



Image: The disassembled parts of the juicer highlighting its easy-to-clean design.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Juicer does not turn on.	Not plugged in; power switch off; safety lock not engaged.	Ensure unit is plugged in, power switch is ON, and all parts are correctly assembled and locked.
Excessive pulp in juice.	End cap setting too low for produce type.	Adjust end cap to a higher setting (e.g., 4 or 5) for harder or fibrous ingredients.
Juicer clogs or stops.	Too much produce fed too quickly; fibrous ingredients not cut small enough.	Feed ingredients slowly. Cut fibrous items into smaller pieces. Use the 'REV' (reverse) function briefly to clear clogs, then switch back to 'ON'.
Loud noise during operation.	Normal operation noise; unit not stable.	Some noise is expected. Ensure the juicer is placed on a stable, flat surface. A thin towel underneath can help mitigate noise.

7. SPECIFICATIONS

- **Model Name:** Juice Extractor and Nutrition System
- **Model Number:** NC900HDC
- **Brand:** Omega
- **Color:** Silver
- **Special Feature:** Manual (Adjustable End Cap)
- **Product Dimensions:** 6.5"D x 14.5"W x 15.5"H
- **Finish Type:** Metallic
- **Recommended Uses:** Fruits, Vegetables
- **Product Care Instructions:** Hand Wash Only
- **Maximum Power:** 150 Watts
- **Power Source:** Corded Electric
- **Blade Material:** Stainless Steel
- **Voltage:** 120 Volts
- **Number of Speeds:** 1 (with reverse function)

- **Item Weight:** 13 pounds
- **Material:** Plastic (components), Stainless Steel (blade)
- **UPC:** 737416090027



Image: Diagram illustrating the dimensions (Depth, Width, Height) of the Omega NC900HDC Juicer.

8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the official Omega Juicers website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

The manufacturer typically offers a comprehensive warranty on the motor and parts. Specific terms and conditions may apply and can be found in the documentation included with your product or on the official brand website.

For additional assistance, visit the [Omega Store on Amazon](#).