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› [OFFNOVA Hat Heat Press Machine User Manual](#)

## OFFNOVA HPM-H0

# OFFNOVA Hat Heat Press Machine User Manual

Model: HPM-H0

## 1. INTRODUCTION

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Thank you for choosing the OFFNOVA Hat Heat Press Machine. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new heat press. Designed for both sublimation and HTV iron-on projects, this machine offers precise temperature and time control, ensuring consistent and professional results for various cap styles.



Figure 1.1: OFFNOVA Hat Heat Press Machine (Handle-Blue) with example hats.

## Key Features:

- **Rapid & Even Heating:** One-piece cast aluminum heating plate with Teflon coating for uniform heat distribution up to 400°F (204°C).
- **Easy & Stable Operation:** Ergonomic handle and four-bar linkage system, combined with anti-slip silicone suction cups for stability.
- **Dual Cap Platens:** Includes 2 interchangeable hat bases with different curvatures to fit 99% of cap styles, plus a built-in hat stretcher.
- **Adjustable Pressure Control:** Easy-to-turn pressure knob for fine-tuning pressing force.
- **Smart Auto Countdown:** Automatic timing initiation upon handle pull-down and audible alert upon completion.

## 2. COMPONENTS AND SETUP

### 2.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the machine for any signs of damage during transit. Retain the original packaging for future storage or shipping.

## 2.2 Component Identification

Familiarize yourself with the main parts of your heat press machine:

- Heating Platen (Upper)
- Lower Platen (Interchangeable)
- Control Panel (Digital Display, Temp/Time Buttons)
- Pressure Adjustment Knob
- Operating Handle
- Power Switch
- Power Cord Inlet



Figure 2.1: Machine dimensions and interchangeable platens (4x3 inch and 5.5x3.7 inch).

## 2.3 Initial Setup

1. Place the heat press on a stable, heat-resistant surface. Ensure adequate ventilation around the machine.
2. Connect the power cord to the machine's power inlet and then to a grounded electrical outlet (AC110V/60Hz).
3. Ensure the power switch is in the OFF position before plugging in.
4. Select and install the appropriate lower platen for your cap size. The machine comes with two interchangeable platens to accommodate various cap styles.

## 3. OPERATING INSTRUCTIONS

### 3.1 Control Panel Overview



Figure 3.1: Digital Control Panel for Temperature and Time.

- **Digital Display:** Shows current temperature and set time.
- **Temperature Control:** Adjustable from 0-400°F (0-204°C).



- **Time Control:** Adjustable from 0-999 seconds.
- **Power:** 500W.
- **Voltage:** AC110V/60Hz.
- **Time Up Alarm:** Alerts when the set time is complete.
- **Automatic Countdown:** Initiates automatically when the handle is pressed down.

### 3.2 Adjusting Pressure

The pressure adjustment knob, located on top of the heating platen, allows you to fine-tune the pressing force. Turn clockwise to increase pressure and counter-clockwise to decrease pressure. Adjust based on the thickness of the cap and transfer material for optimal results.

### 3.3 Step-by-Step Operation



Figure 3.2: Four-step operation guide.

1. **Prepare the Hat:** Place your hat on the lower platen. Adjust the pressure knob as needed to ensure a snug fit and

even contact.

2. **Set Temperature and Time:** Turn on the power switch. Use the control panel to set your desired temperature and time according to your transfer material's specifications. The machine will begin to heat up.
3. **Initiate Pressing:** Once the machine reaches the set temperature, place your transfer design on the hat. Pull the operating handle down firmly to engage the heating platen. The automatic countdown will begin.
4. **Complete Transfer:** When the set time expires, an alarm will sound. Release the handle and carefully remove the hat. Allow the transfer to cool if required by the material's instructions.



Figure 3.3: Machine in use, demonstrating versatile application.

## 4. MAINTENANCE

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### 4.1 Cleaning

- Always unplug the machine and allow it to cool completely before cleaning.
- Wipe the Teflon-coated heating platen with a soft, damp cloth. Do not use abrasive cleaners or harsh chemicals, as

they can damage the coating.

- Clean the lower platen and exterior surfaces with a damp cloth.
- Ensure no liquids enter the control panel or electrical components.

4.2 Storage

Store the heat press in a dry, dust-free environment. If possible, use the original packaging for protection. Keep out of reach of children.

5. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not connected; Power switch off; Outlet issue.	Ensure power cord is securely plugged in. Turn power switch ON. Test outlet with another device.
Temperature not reaching set value.	Incorrect temperature setting; Heating element issue.	Verify temperature setting. Allow sufficient time for preheating. If issue persists, contact support.
Uneven heat transfer or poor adhesion.	Uneven pressure; Incorrect temperature/time; Material not suitable.	Adjust pressure knob for even contact. Verify temperature and time settings for your material. Ensure material is compatible with heat pressing.
Automatic countdown not starting.	Handle not fully pressed down.	Ensure the operating handle is fully depressed to activate the sensor for the automatic countdown.

6. SPECIFICATIONS

Feature	Detail
Model Number	HPM-H0
Brand	OFFNOVA
Upper Temperature Rating	400°F (204°C)
Power	500W
Voltage	AC110V/60Hz
Product Dimensions	12.6"L x 6.7"W x 13.6"H
Item Weight	15.57 pounds
Material	Aluminum
Recommended Uses	Cap, Hat

## 7. WARRANTY INFORMATION

The OFFNOVA Hat Heat Press Machine (Model HPM-H0) comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official OFFNOVA website.

## 8. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your OFFNOVA Hat Heat Press Machine, please contact our customer support team.

Please have your model number (HPM-H0) and purchase information ready when contacting support to expedite assistance.

For more information and resources, you may visit the [OFFNOVA Store on Amazon](#).






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### Related Documents - HPM-H0

	<p><a href="#">OFFNOVA Sublimation Tumbler Guide: Step-by-Step Instructions and Settings</a></p> <p>Learn how to create custom sublimation tumblers with OFFNOVA's step-by-step guide. Includes essential tools, heat press settings, and sublimation oven times for stainless steel and glass tumblers.</p>
	<p><a href="#">OFFNOVA 4B-2054N Label Printer User Guide - Setup, Operation, and Maintenance</a></p> <p>This user guide provides instructions for setting up, operating, and maintaining the OFFNOVA 4B-2054N label printer. It covers unboxing, printer components, driver installation, LED status indicators, maintenance procedures, professional tips, and safety precautions.</p>
	<p><a href="#">OFFNOVA N6140/6240BT Portable Power Station User Manual</a></p> <p>Comprehensive user manual for the OFFNOVA N6140 and 6240BT portable power stations, covering safety, operation, maintenance, and specifications.</p>



 <p>OFFNOVA LABEL PRINTER User Guide 4B-2054N</p> <p>*Please read carefully before use</p>	<p><a href="#">OFFNOVA 4B-2054N Label Printer User Guide</a></p> <p>User guide for the OFFNOVA 4B-2054N label printer, detailing setup, driver installation for Windows and macOS, LED status indicators, maintenance procedures, professional tips, and safety guidelines.</p>
 <p>OFFNOVA</p> <p>Thermal Label Printer</p> <p>QUICK GUIDE</p>	<p><a href="#">OFFNOVA N-6140 Thermal Label Printer Quick Guide</a></p> <p>This quick guide provides essential instructions for setting up and using the OFFNOVA N-6140 Thermal Label Printer. Learn about printer setup, Windows and Mac OS installation, label configuration, LED indicators, specifications, maintenance, and Bluetooth connectivity.</p>
 <p>OFFNOVA</p> <p>SHIPPING LABEL PRINTER</p> <p>Make it easier for your business</p> <p>4B-2054N</p> <p>Support Website: <a href="http://offnova.com/">http://offnova.com/</a> Facebook: <a href="https://www.facebook.com/groups/338273278191">https://www.facebook.com/groups/338273278191</a> Instagram: <a href="http://www.instagram.com/offnova_official">http://www.instagram.com/offnova_official</a> Email: <a href="mailto:support@offnova.com">support@offnova.com</a></p>	<p><a href="#">OFFNOVA 4B-2054N Shipping Label Printer User Guide and Troubleshooting</a></p> <p>This guide provides comprehensive instructions for the OFFNOVA 4B-2054N Shipping Label Printer, covering compatibility, driver installation for Windows and macOS, common printing issues like jams and blank labels, print quality troubleshooting, and manual label calibration.</p>