

AKEYDIY HP-8

AKEYDIY Heat Press 15x15 inch 8 in 1 User Manual

Model: HP-8

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your AKEYDIY 15x15 inch 8-in-1 Heat Press Machine. Please read this manual thoroughly before initial use to ensure proper functionality and to prevent damage to the unit or injury.

SAFETY INFORMATION

Always adhere to the following safety guidelines:

- Ensure the machine is placed on a stable, heat-resistant surface.
- Keep hands and fingers clear of the heating plate during operation to avoid burns.
- Do not operate the machine near flammable materials.
- Unplug the machine when not in use or before cleaning/maintenance.
- Do not attempt to modify or repair the machine yourself. Contact qualified service personnel.
- Keep out of reach of children.

PRODUCT OVERVIEW AND COMPONENTS

The AKEYDIY 8-in-1 Heat Press is designed for versatile heat transfer applications on various items such as T-shirts, tumblers, mugs, hats, and plates. Key components include:

- **Main Heat Press Unit:** Features a 15x15 inch heating plate with 360° swivel and slide-out platen.
- **Control Box:** Digital display for temperature and time settings, with three preset modes.
- **Pressure Knob:** For adjusting pressure based on material thickness.
- **Rubber Handle:** For operating the press mechanism.
- **Attachments:**
 - 30oz Tumbler Press
 - Hat Press (5.5 x 3 inch, Curved)
 - 9oz Mug Heater

- 12oz Latte Mug Heater
- 17oz Latte Mug Heater
- 5" Plate Heating Pad
- 6" Plate Heating Pad

- **Accessories:** Includes heat-resistant silicone mats.

15X15 INCH LARGE WORK STATION

Suitable for all heat transfer vinyl (HTV) and sublimation projects

Max Temperature
250°C/482°F

Adjustable Time
1-999 s

30s Auto
Shut Off

110V/60Hz

1400W

1

SET
Adjust time and temperature

2

PREPARE
Place materials and shirt

3

ADJUST
Rotate and align plates

4

PRESS
Press down handle firmly onto item

5

ENJOY
Appreciate your results

Figure 1: Main Components of the Heat Press

INDUSTRIAL QUALITY HEAT PRESS

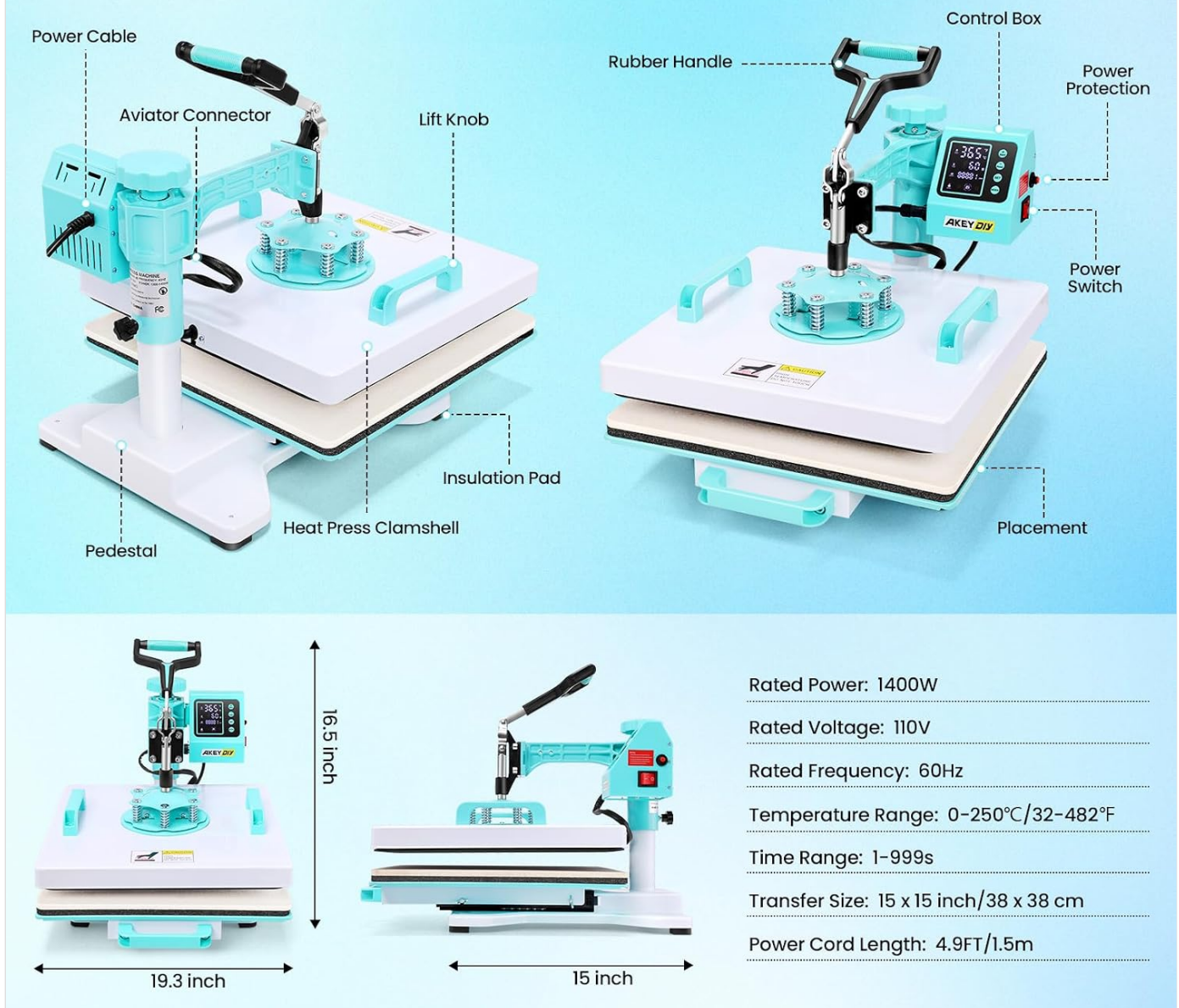


Figure 2: Overview of 8-in-1 Attachments

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Placement:** Place the main heat press unit on a sturdy, flat, and heat-resistant surface. Ensure adequate ventilation around the machine.
3. **Power Connection:** Connect the power cable to a grounded 110V AC outlet.
4. **Attachment Installation:**
 - For the main 15x15 inch platen, ensure it is securely in place. The slide-out design allows for easier material placement.
 - To install other attachments (mug, hat, plate presses), refer to the specific attachment's instructions for secure mounting to the main unit.

SLIDE OUT DESIGN

Easier to place shirts and prevent burns

Slide
Out Drawer



360°
Swing Away



Figure 3: Slide-Out Platen for Easy Material Placement

OPERATING INSTRUCTIONS

Control Panel Operation

The upgraded control box allows precise setting of temperature and time. It features three preset modes for common applications.



Figure 4: Control Panel and Setting Instructions

1. **Power On:** Flip the red power switch to the ON position.
2. **Select Mode:** Press the "MODE" button to switch between the three working temperature modes.
3. **Set Temperature:** Press the "SET" button. Use the "+" or "-" buttons to increase or decrease the temperature (Range: 32 - 482°F / 0 - 250°C). The machine will automatically stop heating when the preset temperature is

reached.

4. **Set Time:** Double press the "SET" button. Use the "+" or "-" buttons to increase or decrease the time (Range: 0 - 999s). A sound alarm will go off when the set time expires.
5. **Start Countdown:** Press the "+" button on the interface to start the countdown. Press the "-" key to reset.
6. **Temperature Unit Conversion:** Press the "+" and "-" buttons at the same time to change from °C to °F.

Note: Temperature and time settings will vary for different materials and thicknesses. Always test on a small sample first.

General Heat Transfer Process

1. **Prepare Item:** Place the item (e.g., T-shirt, mug) on the appropriate platen or attachment. Ensure it is flat and free of wrinkles.
2. **Position Design:** Place your transfer design (e.g., sublimation paper, HTV) onto the item in the desired location.
3. **Adjust Pressure:** Use the pressure knob to adjust the pressure according to the material's thickness. A firm, even pressure is typically required.
4. **Initiate Press:** Lower the heating plate using the rubber handle until it firmly presses against the item. The countdown will begin automatically if set.
5. **Remove Item:** Once the timer alarms, carefully lift the heating plate. Use heat-resistant gloves to remove the hot item and peel the transfer according to its specific instructions (hot peel or cold peel).

8 in 1 Multi-function Heat Press

The complete kit helps you easily apply transfers

Shirt Press (15"x15")



3x Tumbler Press (9oz/12oz/17oz/30oz)



Hat Press (5.5"x3")



2x Plate Press (5"/6")



Figure 5: Basic Operation Steps

Using the Tumbler Press Attachment

The 30oz tumbler press attachment allows for sublimation printing on various sizes of tumblers and mugs.



Figure 6: Tumbler Press Attachment Capabilities

This attachment can press 2 PCS 11oz - 15oz mugs at one time or 1 PC straight sublimation tumbler in 16oz, 20oz, 30oz. Ensure the tumbler or mug fits securely and apply even pressure.

Official Product Video

Your browser does not support the video tag.

Video 1: AKEYDIY 8 in 1 Heat Press Combo - Shirt/Mug/Cap/Plate. This video demonstrates the various functions and attachments of the heat press machine, including its use for shirts, mugs, caps, and plates.

MAINTENANCE

- **Cleaning:** Allow the machine to cool completely before cleaning. Wipe the heating plate with a soft, damp cloth. Do not use abrasive cleaners.
- **Storage:** Store the heat press in a dry, dust-free environment when not in use.
- **Teflon Coating:** The die-cast aluminum heating plate is coated with non-stick Teflon. Avoid scratching this surface

to maintain its effectiveness.

- **Silicone Mats:** The included heat-resistant silicone mats can withstand up to 750°F. Inspect them regularly for wear and tear.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not power on.	Power cable not connected; Power switch off; Blown fuse.	Check power connection; Ensure switch is ON; Check built-in fuse (refer to Figure 7 for location).
Uneven heat transfer.	Uneven pressure; Dual-tube heating issue (unlikely due to design); Material not flat.	Adjust pressure knob for even contact; Ensure material is flat on platen.
Transfer not sticking or peeling.	Incorrect temperature/time; Insufficient pressure; Wrong transfer type for material.	Verify recommended settings for your transfer material; Increase pressure; Consult transfer material instructions.
Alarm sounds continuously.	Set time has expired.	This is normal operation. Lift the handle to stop the alarm.



Figure 7: Key Features and Built-in Fuse Location

SPECIFICATIONS

Feature	Detail
Model Number	HP-8
Rated Power	1400W
Rated Voltage	110V
Rated Frequency	60Hz
Temperature Range	32 - 482°F (0 - 250°C)
Time Range	0 - 999s

Feature	Detail
Transfer Size (Main Platen)	15 x 15 inches (38 x 38 cm)
Product Dimensions	15 x 15 x 18 inches
Item Weight	42.9 pounds
Recommended Uses	T-Shirt, Hat, Mug, Plate
Heating Technology	Dual-Tube Heating
Platen Coating	Non-stick Teflon



Figure 8: Dual-Tube Heating System for Uniform Heat

WARRANTY AND SUPPORT

The AKEYDIY Heat Press comes with a 1-year manufacturer's warranty. Lifetime customer service is also provided. For any questions, issues, or support needs, please contact AKEYDIY customer service. Contact information can typically be found on the product packaging or the official AKEYDIY website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question