



## HPN Black Series Cap Press Machine

# Operating Manual



## Warnings

- There are high voltage electrodes inside the heat press. Do not remove the panels from the heat press.
- The heat press will heat up very quickly. Do not place any objects on top or near the heat press.
- The heat press operates at 180 °C (380 °F) and above. It is very hot. Please remove objects from around the heat press.
- Keep away from flammables.
- Heat press operates at a high wattage rating. Make sure it is on a 20-amp circuit with minimal other electrical equipment on the same electrical circuit.
- Heat press should be plugged into an electrical surge protector (power strip).
- Keep away from children. Do not let children near the press when it is hot.
- Unplug heat press when not in use.
- With the heat press unplugged, please allow ample time for the heat platen to cool (approximately 40 min) before touching it.
- Provide yourself ample work area around the heat press unit. The likelihood of accidents increases in tight work spaces.



- Do not move the heat press until it is cool to the touch.
- Make sure the electrical circuit is properly grounded before plugging the heat press in. (Never use a 3 prong adapter)
- Keep away from water or wet environments.
- We recommend turning off the press when not in use to prolong the useful life of the machine.
- Never attempt to bake an empty machine, this may destroy the heat mat or even create a fire.
- Do not adjust the pressure when the hand is locked down and the machine is functioning.
- Please save the packaging box. In case of the need for warranty service, the Styrofoam packaging is specially molded to prevent damage during shipment.
- Do not swing the cap press all the way around to the back side. The press might tip over.

## **Operating Instruction:**

1. Remove the machine out of the carton and place it on a wide and flat working surface. (Make sure clear all Styrofoam and packaging material)
2. There is an only gauge on the press and a pressure adjustment knob that you will need to adjust. **(We will use dark color iron on transfer as an example)**
3. To adjust the temperature, press the **SET** button once (P1=Temperature), press the **Up** and **Down Arrows** to adjust the temperature setting.
4. To adjust time, press the **SET** button twice (P2=Time), press the **UP** and **Down Arrows** to adjust the time setting.
5. At this point, we suggest some dry runs before turning up the temperature so we can get all the adjustment right and get familiar with the process.
6. Adjust pressure knob in the back of the press. Clockwise to increase pressure. The more pressure, the better the transfer. (Be sure the heating block clears the heat mat dome so it can swing away without scraping the dome.)
7. Prepare cap and the transfer image. (Make sure to use the dark color transfer iron on paper and print the image right side up) Try to do smaller images to practice. 2" x 3" size is good size to start.
8. Peel off the transfer film from the backing paper.
9. Open the press handle and swing away the heat block. (Do not swing too far around. It may tip over)
10. Push up the spring loaded cap mounting lever and hook the cap down.
11. Flip the excess rim fold inside the lid out as to allow it to not sit on the transfer heat mat.
12. Make sure the cap is firmly held down.
13. Place your design in the middle of the transfer area. (heat tape will greatly help so that the design does not move)
14. Place a parchment sheet or Teflon sheet over the image.
15. Swing the heat block back over the cap and then press down on the lever.
16. Set temperature according to your transfer application (See #3 above) (It takes about 20 minutes for the press to reach 350 F).
17. Set time according to your transfer application (See #4 above).

**\*\*\*\*Warning: Never close the heat press handle directly on the rubber when the press is hot! Doing so may melt the rubber. It is very messy to clean up and may increase risk of fire. \*\*\*\***



18. When the temperature reaches your set temperature, close the press handle.
19. The timer gauge will automatically engage and begin counting down.
20. Open the handle when the alarm buzzes.
21. Wait about 3 seconds before touching the cap.
22. Remove cap from the press. Peel the transfer paper within 10 seconds to get a matte finish. Peel the transfer paper after 2 minutes to get glossy transfer (some transfer paper is not hot and cold peel, please read your transfer application's instructions).
23. Do not close the handle until the press is cooled. (You may scorch the rubber pad and increase the risk of fire.)
  - There are no exact measures to heat transfers. If you have very high pressure, the time and temperature can be reduced. Lower temperature can be compensated by increasing time and pressure.
  - We have found that [www.youtube.com](http://www.youtube.com) provides many videos that do help in visual instruction of the heat press application.

## **Changing Between Celsius and Fahrenheit**

1. Press and hold the SET button until the "P1" appears. The value "F" for Fahrenheit or "C" for Celsius will appear.
2. Use the Up and Down arrows to toggle between F or C measure

**Note:** Please DO NOT change any other settings during this process. Changing default programming values may disrupt normal function of the heat press.

## **Temperature Conversion Chart**

212 °F = 100 °C  
300 °F = 149 °C  
325 °F = 163 °C  
356 °F = 180 °C  
380 °F = 193 °C  
390 °F = 199 °C  
400 °F = 204 °C  
572 °F = 300 °C

## **Trouble shooting:**

When the gauge shows HHH or LLL - Open thermocouple wire connection. The thermocouple wire is the thin blue and red wires. Tightening the wires to the terminals will usually correct the problem.

When the entire gauge goes dark - The fuse has blown. The fuse is located / hidden inside bottom of the AC receptacle at the back of the control box. No need to open the control box. Use a flat head screw driver to pop the very small drawer opening. Please call Heat Press Nation for a fuse replacement or your local hardware/electrical store.

