

Instruction Manual



Warning and Caution:

- There are high voltage electrodes inside the heat press. Do not remove the back panels from the control box.
- The heat press will heat up very quickly. Do not place any object on top or near the heat press.
- Heat press operates at 380°F and above. It is very hot. Please remove any objects around heat press.
- Keep away from flammables.
- Keep away from children. Do not let small children play near the press when it is hot.
- Unplug the heat press when not in use.
- When the unit is unplugged; the heat press will remain hot for a long period of time (*over 40 minutes*). Do not touch heat surface.
- Provide ample working surface. Accident tends to happen when the area is tight.
- Do not try to move the heat press until it is cool to touch.
- Heat press is rated up to 1400 watts. Make sure it is on a 20-amp circuit with minimal other electrical equipment on the same electrical circuit.
- 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 any wet environments.
- Save the packing box. It is almost impossible to ship the press for warranty service unharmed without the packaging.
- When taking the heat press out of the box, check for any damage, loose parts, screw or nuts before plugging the press. The press is very heavy and it is very possible that it might be damaged or some parts got shaken loose during transportation.

Attachments:

This heat press comes with either 4, 6, or 8 attachments. The base unit is the same. Depending on the models, the attachments are:

- 15"x15" flat heat press and base
- Cap press heat block and base
- Mug press structure and standard 11oz straight wall mug heat wrap
- 4 inches diameter plate heat mat
- 6 inches diameter plate heat mat
- Mug heat wrap for smaller diameter cup or water bottle
- Short tapered mug heat wrap
- Tall tapered mug heat wrap

Special Note: Only the heat press platen attachment has two connection plugs. One of the connection plug is underneath the control box. The other connection plug is on the left side of the control box. You must plug in both connection plugs to use the heat press platen attachment. *(It is very important that both plugs are disconnected prior to removing the heat platen)*

*All other attachments will only use the left side control box connection. *(The side control connection has an 4 pin male connector)*

Control Box Operation:

- **Temperature Setting (P1):** Press SET button once to set the desired temperature by press the up or down arrow key. *(System default is 400° Fahrenheit)*
- **Timer Setting (P2):** Press SET button again to set the desired time in seconds.
- Press SET button again to get back to the real time monitoring mode.
- Press Start button to start the timer count down.
- Press Start button again to stop the timer count down.
- **Temperature Scale (P3):** Press the SET button and hold for about 5 seconds; P3 will momentary appear. Press the up or down arrow key to change the temperature reading to Fahrenheit or Celsius.
- **Temperature Calibration (P4):** Press the SET again and will go to temperature calibration. *(These number are preset by the factory. It is normally between -30 to +30. Please do not change that number unless it is absolutely necessary.)*
- Press the SET button for 5 seconds and the display will be back at the real time monitoring mode.

Temperature Conversion Chart:

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

Operating Instruction:

Cap Press:

- Attach the cap press base to the main base unit. (2 screws)
- Attach the heat block to the interchangeable swing arm (2 screws)
- Connect the plug to the side control box
- Adjust your temperature and timer accordingly to your product
- Adjust the 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.)
- 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" is a good size to start with.
- Open the press handle and swing away the heat block. (Do not swing too far around. It may tip over)
- The 5 panel cap gives you better looking transfer. The 6 panels cap has a sewing seam in the middle; It may interfere with your design.
- Make sure the cap is firmly held down.
- Place your design in the middle of the transfer area. (A heat tape, any tape that does not leave black gum behind after heating, will greatly help so the design does not move)
- Place a Teflon sheet over the image.
- Swing the heat block back over the cap and then press down on the lever.
- Press Start to begin the timer count down
- **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 have risk of fire.
- Lift the lever when the timer has counted down to zero and the alarm starts to buzz
- Wait about 3 seconds before touching the cap.
- Turn off the press when not in use.
- Remove the cap from the press. To get a matted finish; Peel the transfer paper within 10 seconds. To get a glossy transfer; Peel the transfer paper after 2 minutes. (Some transfer paper requires a hot or cold peel, please read the iron on paper instructions)
- Do not close the handle until the press is cooled. (You may scorch the rubber pad and risk of fire.)

Heat Press:

- Attach the 15x15 heat platen to the interchangeable swing arm (2 screws)
- Make sure the 15x15 base silicone pad is attached

- Adjust the pressure knob clockwise so you have enough pressure. *(A heavy high force is needed to snap close the press). The more pressure on the transfer, the better the results.*
 - Adjust your temperature and timer accordingly to your product
 - Place the first Teflon sheet over the rubber pad. *(Teflon sheet is recommended but not necessary)*
 - Place T-shirt over the Teflon sheet. *(Be careful, the top heat platen is hot)*
- Warning:** Never close the heat press platen directly on the rubber when the press is hot! Doing so may melt the rubber and cause fire.
- When the temperature is stabilized, close the press onto your shirt for about 5 seconds. *(This will allow the contaminants and moisture to burn off from the T-shirt to yield better adhesion)*
 - Position the transfer paper over the T-shirt. Face down. *(for light color transfer paper)*
 - Place 2nd sheet of Teflon over the transfer paper.
 - Lower the lever and start the timer
 - When the alarm timer buzz, lift up the lever and push the heat platen away from you *(heat platen is hot!)*
 - Remove the t-shirt and peel off the backing immediately to get a matted finish. *(This is called a hot peel)*
 - If your paper requires a cold peel then peel the transfer paper after 2 minutes to get glossy transfer. *(Not all paper has hot and cold peel option. Most transfer paper only can do hot peel. The quality of the transfer depends mostly on the iron on paper.) Caution: If the paper is a hot peel only and the backing is not removed in time, it will be almost impossible to remove the backing!*
 - Turn off the press and unplug the unit if you're not using the press any more.
 - Do not close the lid until the press is cooled. *(The rubber pad may still be hot and get scorched.)*

Plate Press:

- Make sure the 15x15 base silicone pad is attached
- Attach the plate press attachment to the interchangeable swing arm *(2 screws)*
- Adjust the pressure knob (knob at top of the machine) to lower the interchangeable swing arm within a reasonable height
- Connect the plug to the side control box
- Adjust your temperature and timer accordingly to your product
- Place your sublimation plate on the silicone pad so that the plate heating mat will close directly down on it
- Make sure your transfer image is reversed prior to printing
- When your machine reaches the desired temperature
- Push down on the level
- Press the Start button to begin the timer count down

- Lift up when the timer has reached zero
- Peel your transfer image

* The transfer is only as good as the image. Zoom in your image and take a closer look. Some time you will need to clean up the edges of the graphic (Especially alphabet lettering). Just a little bit over inking on your graphic will transfer onto the plate.

Mug Press:

- Connect the stand-alone mug press unit plug to the side control box. (We do not recommend placing the mug press unit on top of the silicone pad, it may cause indentation to the silicone pad)
- There may be four (4) different heating wraps (*depending on the model you have*)
 - ◆ Standard mug heat wrap with bracket sheet
 - ◆ Thick water bottle heat wrap (*share the same bracket sheet*)
 - ◆ Short tapered mug heat wrap with bracket sheet
 - ◆ Tall Tapered mug heat wrap with bracket sheet
- Attach the correct heat wrap accordingly to your mugs/cups/lattes/bottles/etc
- Do not turn on the press yet! Place a mug into the cup holder and adjust the clamping pressure by turning the nut back and forth. All mugs are not exactly straight wall. The diameters at the lips and base are different. This mug holder has a “floating pressure”. It will balance the pressure by tilting left or right. This is normal.
- Adjust to light to medium pressure when closing. Too much pressure will cause the mat to short out.
- Take the mug out and place image paper over the mug (a heat tape will help) and you are ready to go.
- Make sure your transfer image is reversed prior to printing
- Adjust your temperature and timer accordingly to your product
- When the press reaches the desired temperature
- Place your mug in place and pull the level to you
- Press Start to begin the timer count down
- When the timer reaches zero and the alarm buzzes
- Push the level forward
- Take the mug out and peel the transfer paper