



User Manual of HTVRONT H10 V2 10x10in Heat Press

Thank you for choosing HTVRONT!

Before first use, please read all accompanying materials carefully to ensure proper and effective operation. HTVRONT is not responsible for any loss resulting from failure to follow the instructions or from misuse due to misunderstanding.

While we strive for accuracy and clarity, this Manual may still contain errors or omissions. We are continuously improving our products and services, and reserve the right to update the product, software, and Manual content without prior notice.

For the latest information and updates, please visit our official website: <https://www.htvront.com/>

Precautions

- 1. Ensure the power supply matches the required voltage:120V;
- 2. To prevent electric shock or other hazards, use this product only as described in the manual. Do not use it for unintended purposes;
- 3. Children under 14 years old MUST have adult supervision while using the product;
- 4. Regularly inspect the power cord for any damage. If the cord is damaged, it must be replaced by the manufacturer or a qualified service technician;
- 5. Place the product on a flat, stable surface during use. Always keep the device on its base while operating;
- 6. Do not use this product in damp or wet environments;
- 7. To prevent accidents, do not immerse the product, power cord, or plug in water. Keep the power cord away from the heating plate during use. Do not clean the product with any liquid;
- 8. Always keep an eye on the device while it’s in use to avoid accidents;
- 9. After use, wait until the product is completely cooled down before checking or storing it to avoid burns;
- 10 When unplugging, always hold the plug itself—never pull the cord;
- 11. To prevent electric shock or other hazards, always turn off the power after use or before cleaning the device;
- 12. If you notice any damage to the device or power cord, stop using it immediately. Do not attempt to disassemble or repair it yourself—please contact our service center for assistance.

Included in the Box



▶ HTVRONT H10 V2
10x10in Heat Press x 1



▶ Insulated Safety Base x 1



▶ Storage Bag x 1



▶ User Guide Envelope x 1

Device Overview



1. Handle	2. Buttons	3. Display Screen	4. Heat Plate
5. Insulated Safety Base			

Specifications

Name	HTVRONT H10 V2 10x10in Heat Press	Model	HPS08
Input Voltage	120 V ~ 60 Hz 1200 W	Pressure	6-100 lb / 3-45 kg
Temperature	210-400°F / 100-205°C	Time	1-600 s
Product Dimensions	11.61×11.61×5.51 in 29.5×29.5×14 cm	Package Dimension	12.6×6.1×12.6 in 32.0×15.5×32.0 cm
Product Weight	6.83 lb / 3.1 kg	Package Weight	8.16 lb / 3.7 kg

Details of Buttons



Power
After the machine is plugged in, the “Power” button flashes white;
Press the “Power” button once to turn on the machine.



Temperature
Short press (press once): Enter temperature setting mode. The temperature value flashes.
Press “+” or “-” to adjust the temperature.
Press the “Temperature” button again to save, or wait 3 s for automatic saving.
Long press (≥ 2 s): Switch between temperature units (°C / °F).



Time
Short press (press once): Enter time setting mode. The time value flashes.
Press “+” or “-” to adjust the time.
Press the “Time” button again to save, or wait 3 s for automatic saving.
Long press (≥ 2 s): Switch between pressure units (kg / lb).



Increase
Use this button to increase temperature or time.
Short press: Temperature increases by 5°C (5°F); time increases by 1 s.
Long press (≥ 2 s): Temperature and time increase by 10 units continuously while pressing.



Decrease
Use this button to decrease temperature or time.
Short press: Temperature decreases by 5°C (5°F); time decreases by 1 s.
Long press (≥ 2 s): Temperature and time decrease by 10 units continuously while pressing.



Start
After setting the time and temperature, the “Start” button lights red, and the machine begins preheating;
When the set temperature is reached, the “Start” button turns green.
Press once to start heating and begin the countdown. When the countdown ends, pressing is complete;
During operation, press again to stop immediately in an emergency.

Functions



Memory mode
The set temperature and time will be remembered for the next operation;



Auto turn-off
The device will turn off automatically if there is no operation within 15 minutes after reaching the set temperature. There will be beeps and flashing lights during the last 10 seconds before shutdown.



Reset Pressure Value
If the screen does not display the real-time pressure value or the value does not change, press and hold the “Start” button for 3 s to restore the default pressure setting;



Back to the default setting (210°F/20 s/6 lb)
Press the "Power" button for 5 s to turn off the device and reset the settings.



Beep Sound On/Off
Press and hold the “Increase” and “Decrease” buttons simultaneously for 3 s to turn the sound on or off;

Usage Notes

1. Pre-press the fabric or substrate to smooth out wrinkles before applying the design;
2. Apply firm, even pressure until the countdown completes;
3. After restarting, the screen shows the last used settings and real-time temperature;
4. The default pressure is 9 lb / 4 kg. If inaccurate, press and hold the “Start” button for 3 seconds to reset;
5. This is a heating appliance. Please let it cool down completely before storing or cleaning to avoid burns.

Instructions for Use



Plug in the machine and press the “Power” button briefly to turn it on;



Set your desired temperature and time based on the Quick Reference Chart. The “Start” button lights red, and the machine begins preheating;



While preheating, pre-press the substrate to remove wrinkles. Then secure the prepared design onto the substrate using heat-resistant tape (not included), and cover the design with a PTFE sheet (not included);



When the set temperature is reached, the “Start” button turns green;



Press the “Start” button and then apply pressure to start pressing.

Quick Reference Chart

Material Type	Suitable Fabrics	Temp	Time	Pressure	Peel
Pure Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	145°C / 295°F	15 s	22–27 kg / 49–59 lb	Cold Peel
Glitter Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	150°C / 300°F	15 s	22–27 kg / 49–59 lb	Cold Peel
Holographic Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	150°C / 300°F	15 s	22–27 kg / 49–59 lb	Cold Peel
Chameleon Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	145°C / 295°F	15 s	22–27 kg / 49–59 lb	Cold Peel
Soft Metallic Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	145°C / 295°F	10 s	22–27 kg / 49–59 lb	Cold Peel
Glow-in-the-Dark Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	145°C / 295°F	15 s	22–27 kg / 49–59 lb	Cold Peel
Reflect ive Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	150°C / 300°F	15 s	22–27 kg / 49–59 lb	Cold Peel
Flock Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	150°C / 300°F	15 s	22–27 kg / 49–59 lb	Cold Peel
Puff Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	155°C / 310°F	15 s	22–27 kg / 49–59 lb	Hot Peel
Patterned Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	145°C / 295°F	15 s	22–27 kg / 49–59 lb	Cold Peel
DTF Film	100% cotton, ≤30% cotton, polyester, modal, canvas	150°C / 300°F	15 s	25–30 kg / 55–66 lb	Cold Peel
Dark Transfer Paper	100% cotton, ≤30% cotton, polyester, modal, canvas	160°C / 320°F	20 s	25–30 kg / 55–66 lb	Cold Peel
Light Transfer Paper	100% cotton, ≤30% cotton, polyester, modal, canvas	160°C / 320°F	20 s	25–30 kg / 55–66 lb	Cold Peel
Sublimation Paper	≤30% cotton, polyester, modal, canvas	200°C / 390°F	40 s	25–30 kg / 55–66 lb	Hot Peel

FAQS

Q1: Why does the machine emit a bit of smoke during heat pressing?

A1: This is normal when using sublimation materials, as sublimation ink vaporizes into gas.

Q2: What should I do if the screen shows E01/E02/E03/E04 and the device beeps?

A1: Turn off the power, then restart the machine;

A2: If the error remains, please contact customer support for assistance.

Q3: How can I achieve the best transfer results?

A1: Set the ironing temperature, time, and pressure according to the Quick Reference Chart;

A2: It is recommended to use HTVRONT branded materials and strictly follow the material guidelines.

Q4: How do I switch the temperature unit (°C/°F)?

A1: Press and hold the “Temperature” button for 3 seconds to switch.

Q5: How do I switch the pressure unit (kg/lb)?

A1: Press and hold the “Time” button for 3 seconds to switch.

Q6: What should I do if my machine stops working?

A1: Check the power supply;

A2: Try unplugging and restarting the machine. If the issue persists, please contact HTVRONT customer service.

Q7: Why can’t the machine be fully turned off?

A1: It is normal for the “Power” button to remain lit as long as the machine is connected to power. To fully turn it off, unplug the machine.

Q8: Why does the initial pressure display show more than 3kg even when no pressure is applied?

A1: This usually happens when the machine is not placed flat and level during startup. Place the device on a stable, even surface and press the start button again to re-enter the countdown. The reading should return to normal.

Q9: Why doesn’t the pressure value change when I press parts of the machine other than the handle?

A1: This is normal. To prevent accidental triggering near heated areas, the pressure sensor is only built into the handle. Please apply pressure using the handle to ensure the machine responds correctly and operates safely.

Device Maintenance

1. Before or after use, ensure the product has completely cooled down to avoid burns or short circuits;
2. Always unplug and let the device cool before cleaning. Use a soft, dry cloth to wipe the surface. Do not rinse with water;
3. Keep the working environment well-ventilated and dry. Avoid direct sunlight;
4. After cleaning, store the product in a dry, dust-free environment;
5. Regularly inspect the plug and power cord for aging or damage to prevent short circuits;
6. Do not disassemble the heating components or modify the electrical circuit under any circumstances.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

HTVRONT H10 V2 10x10in Heat Press Limited Warranty

This product is covered by a one-year warranty from the date of purchase. If a defect occurs under normal use within the warranty period, we will provide warranty service. Proof of purchase is required to claim warranty service. HTVRONT accessories are covered by a free warranty for three months from the date of purchase. In the event that any warranty terms conflict with applicable local laws and regulations, the local laws will take precedence.

To the extent permitted by applicable laws, HTVRONT is not responsible for the warranty in the following situations: malfunctions caused by improper use, maintenance, and storage by consumers; malfunctions caused by self-repair or dismantling by those who do not undertake the three-guarantee repair without the permission of our company; products that can continue to be used after repair when the warranty expired; damage caused by force majeure. Meanwhile, HTVRONT disclaims all implied and legal warranties, including warranties of merchantability and fitness for a particular purpose. The warranties that are allowed to be denied are for the duration of this warranty.

Proof of purchase may be required to verify warranty eligibility.