



User Manual of HTVRONT H10 12x10in 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 or 220 – 240V;
- 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.

Specifications

Name	HTVRONT H10 12x10in Heat Press	Model	HPS07
Input Voltage	120V ~ 60Hz 1200W 220-240V ~ 50-60Hz 1100-1300W		
Temperature	100-205°C/210-400°F	Time	1-600S
Pressure	4-45 kg/9-100 lb	Default Settings	100°C/210°F-20S
Product Dimensions	348 x 296 x 148 mm 13.70 x 11.65 x 5.83 in	Package Dimension	390 x 180 x 345 mm 15.35 x 7.09 x 13.58 in
Product Weight	3.7 kg/8.16 lb	Package Weight	4.3 kg/9.48 lb

Included in the Box



▶ HTVRONT H10 12x10in Heat Press x 1



▶ Insulated Safety Base x 1



▶ User Guide Envelope x 1

Device Overview



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

Details of Buttons



Power
After powering on, the "Power" button flashes white. Press the "Power" button to turn on the device.



Temperature
Short press (press once): The temperature value flashes. Use the "+" or "-" button to adjust the temperature. Wait for 3 seconds to auto-exit the setting mode.
Long press (≥2 s): Switch temperature units between °C and °F.



Time
Short press (press once): The time value flashes. Use the "+" or "-" button to adjust the time. Wait for 3 seconds to auto-exit the setting mode.
Long press (≥2 s): Convert the pressure units (kg/lb).



Increase
Short press (press once): Temp will increase by 5°C (5°F); time will increase by 1 s;
Long press (≥ 2 s): Increase the temperature by 10 units or time by 10 units continuously until you stop pressing.



Decrease
Short press (press once): Temp will decrease by 5°C (5°F); time will decrease by 1 s;
Long press (≥2 s): Decrease the temperature by 10 units or time by 10 units continuously until you stop pressing.



Start
Press the "Start" button to iron automatically with a countdown.

Functions



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



Auto turn-off
This device will turn off automatically if there's no operation within 15 minutes after reaching the set temp.
There will be beeps and flashing lights in the last 10 seconds before the shutdown;



Reset pressure value
If the screen doesn't display the real-time pressure value or the value doesn't change, press the "Start" button for 3 s to back to default pressure setting.



Back to the default setting (210°F/60 s/9 lb)
Press the "Power" button for 5 s to turn off the device and reset the settings.

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



Power on the device and short press the “Power” button to turn it on;



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



While preheating, secure the prepared design onto the substrate using heat-resistant tape (Not included), then cover the design with a Teflon sheet (Not included);



Once reaches the set temperature, the “Start” button lights green; Apply pressure and start ironing.

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	100% cotton, ≤30% cotton, polyester, modal, canvas	200°C / 390°F	40 s	25–30 kg / 55–66 lb	Hot Peel

FAQS

Q1: How to 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 follow the material guidelines strictly when using.

Q2: How to switch the temperature unit (°C/°F)?

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

Q3: How do I switch the pressure unit (kg/lb)?

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

Q4: What to do if the screen shows E01/E02/E03/E04 and the device beeps?

A1: Turn off the power, then restart the device;
A2: If the error remains, please contact customer support for assistance.

Q5: Why does the device emit a bit of smoke during heat pressing?

A1: It is normal when using sublimation materials, as sublimation ink will vaporize into gas.

Q6: Why can't the device be fully turned off?

A1: It is normal for the "Power" button to light up as long as the device is powered on. If you want to turn it off, just unplug the device.

Q7: What if my device stops working?

A1: Check the power supply;
A2: Try unplugging and restarting. If the issue persists, please reach out to the HTVRONT customer service.

HTVRONT H10 12x10in 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.

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.