

HTV  ONT



User Manual of HTVRONT
H17 Phone Case Heat Press (US)

Included in the Box

Thank you for purchasing HTVRONT H17 Phone Case Heat Press. Before using this product for the first time, please read this user manual carefully and keep it properly for future reference.



▶ HTVRONT H17 Phone Case Heat Press ×1



▶ Universal Phone Case Fixture Set ×1



▶ Badge Fixture Set ×1



▶ Sublimation Film (A4) ×5



▶ Heat-resistant Gloves ×1 Pair



▶ Sublimation Badge (58 mm) ×3



▶ Tweezers ×1



▶ Heat-resistant Tape ×1 Roll

Device Overview



1、HTVRONT H17 Phone Case Heat Press	2、Display Screen	3、Buttons
4、Upper Heat Plate	5、Lower Heat Plate	6、Handle
		7、Power Cord

Details of Buttons



Power

Power On/Off.

After connecting the power supply, the "Power" button flashes a white light. A short press will toggle the device on or off.

*To reset to factory defaults, press and hold the "Power" button for 3 seconds.



Temp

Single press (Yellow light on): Adjust upper heat plate temperature;

Single press (Red light on): Adjust lower heat plate temperature.

*The indicator light will automatically turn off if no +/- adjustment is made within 5 seconds;

Press it for 2 seconds to switch between °C and °F.



Time

Single press (Yellow light on): Set preheat time;

Single press (Red light on): Set heat transfer time.

*The light will automatically turn off if no +/- adjustment is made within 5 seconds.



Increase

A single press increases the temperature by 5°C (5°F) and the time by 5 seconds;

Press and hold (over 2 seconds) continuously increase the temperature by 10°C (10°F) and the time by 10 seconds.



Decrease

A single press decreases the temperature by 5°C (5°F) and the time by 5 seconds;

Press and hold (over 2 seconds) continuously decrease the temperature by 10°C (10°F) and the time by 10 seconds.



Start

Green Light: Temperature has reached the set value -activate vacuum & heat transfer;

Red Light: Temperature has not yet reached the set value.

Details of Indicator Light

Buttons	Color	Status
Power	Flash White	Power Connected
	White	Powered On
Temp	Flash Yellow	Upper Heat Plate Temperature Adjustable
	Red	Lower Heat Plate Temperature Adjustable
Time	Yellow	Preheat Time Adjustable
	Red	Heat Transfer Time Adjustable
Start	Flash Red	Heating or Cooling in Progress
	Green	Target Temperature Reached
	Flash Green 3 s	Heat Transfer Complete

Functions



Memory mode

The set temp and time will be remembered for the next operation;



Auto turn-off

The device will automatically turn off if no operation is performed within 15 minutes after reaching the set temperature. In the last 10 seconds before shutdown, a beep will sound, and the "Power" button will flash white.



Restore Default Settings

Press and hold the "Power" button for 3 seconds to reset the device to the default temperature and time settings.

Usage Notes

1. Wear heat-resistant gloves at all times during operation to prevent burns;
2. When heating the chamber, place the fixture inside for preheating. A preheating time of over 5 minutes is recommended;
3. Use only A4-sized sublimation film, ensuring both sides are aligned flat in the heating chamber for successful vacuum sealing and accurate design transfer;
4. In addition to phone cases, this device can heat press other sublimation-coated items such as badges, ceramic plates, keychains, and coasters;
5. Pressing any button during heat transfer will stop the process and return the device to standby mode;
6. Sublimation film is single-use and cannot be reused for heat transfers.

Quick Reference Chart

Substrate	Material	Tool	Upper Heat Plate Temp	Lower Heat Plate Temp	Preheat Time	Transfer Time	Peeling Method
Phone Case	TPU/PC	Universal phone case fixture set	135°C/275°F	135°C/275°F	2-10s	300-350s	Hot Peel
Badge	Metal	Badge fixture set	140°C/285°F	140°C/285°F	2-10s	330s	Hot Peel
Ceramic Plate	CeramiC	Base plate	140°C/285°F	140°C/285°F	2-10s	300s	Hot Peel
Coaster	Leather	Base plate	135°C/275°F	125°C/255°F	2-10s	300s	Hot Peel
Keychain	MDF	Base plate	135°C/275°F	135°C/275°F	2-10s	300s	Hot Peel
Slate Coaster	Stone	Base plate	140°C/285°F	140°C/285°F	2-10s	300s	Hot Peel
Sublimation Pen	Aluminum Alloy	Base plate	160°C/320°F	160°C/320°F	/	300s	Hot Peel
Shrink Plastic Sheet	/	Base plate	160°C/320°F	160°C/320°F	/	60s	/

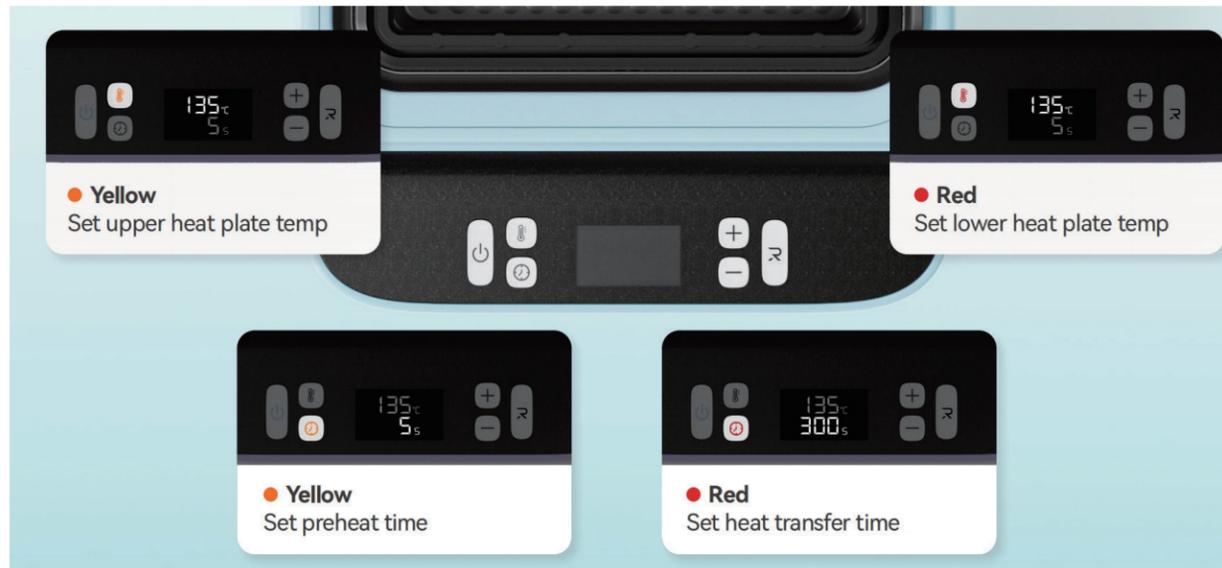
*Preheat the film for 5 seconds to soften it and achieve better transfer quality.

*Please use the sublimation paper and the shrink plastic sheet when heat transferring the sublimation pen.

*When heat-shrinking film sheets, please place a heat-resistant silicone mat under the base plate to prevent sticking and ensure a smoother, more even finish.

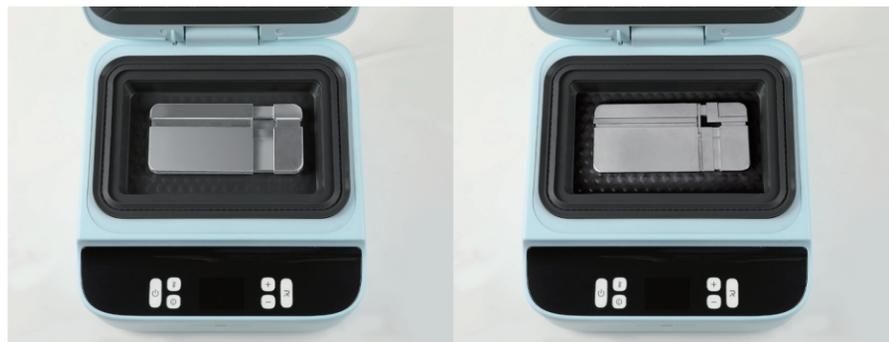
Instructions for Use

1. Power on the machine, set the temperature and time, then wait for heating;



2. Place the fixture in the heating chamber and close the upper heat plate for preheating for at least 5 minutes (Use support for larger phone cases;)

*It is normal for the fixture to appear to have slight movement after placement.



3. Stick the lens pad inside the phone case, then mount it onto the fixture by pressing firmly towards the lower-left;

*Make sure to wipe the phone case clean before ironing;

*Make sure the lens pad is used to prevent the phone case from deformation.

*When placing the lens pad, avoid covering the air holes.



4. Use a sublimation printer to print the sublimation film (The matte side is the printing surface). After the green light stays on for 10 minutes, place the sublimation film (matte side up) on the upper heat plate to dry for 5+ minutes. (The surface temperature is over 40°C;)

*IdeaStudio can assist with printing.



5. Lift up the upper heat plate, place the sublimation film flat with the matte side down, ensuring the film's edge fully covers the silicone, then close the plate;

*The device will beep once the upper heat plate is lifted up or closed.

*Please place the film and close the upper heat plate within 10 seconds.

6. Once the set temperature is reached, short press the Start button to begin vacuum sealing and heat transfer;

*Do not open the lid or press any buttons during the process.



7. When heat transfer is complete, wear heat-resistant gloves to open the heat plate and peel off the sublimation film while hot. Remove the phone case from the fixture.



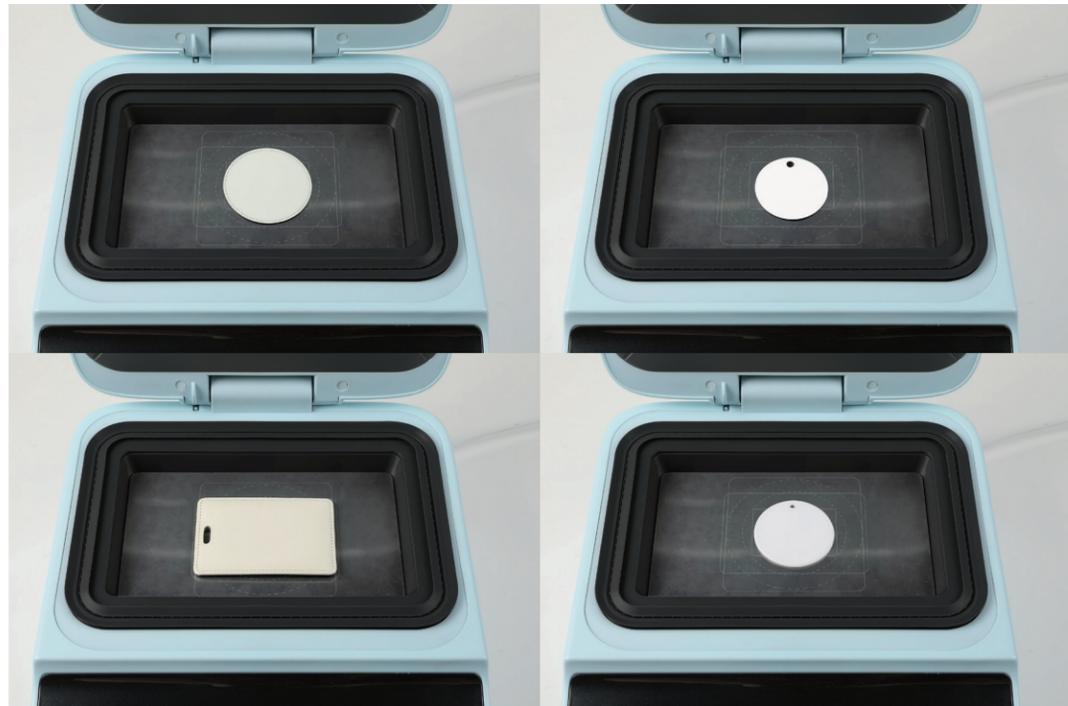
【Badge Installation Instructions】

Place the badge fixture and base plate into the device as shown. Insert the badge pin into the slot and position the badge securely. IdeaStudio can assist with printing to ensure correct design placement.



【Flat Substrate Installation Instructions】

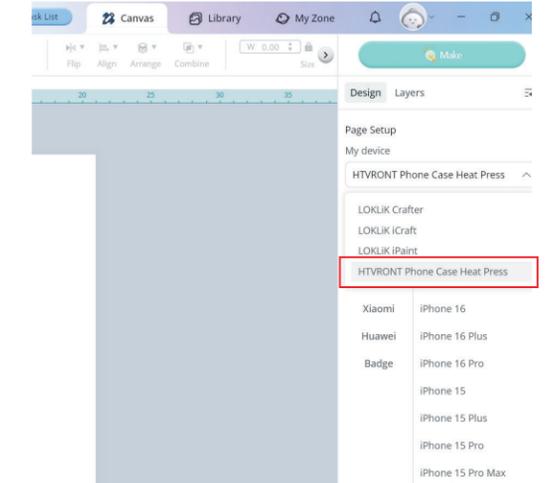
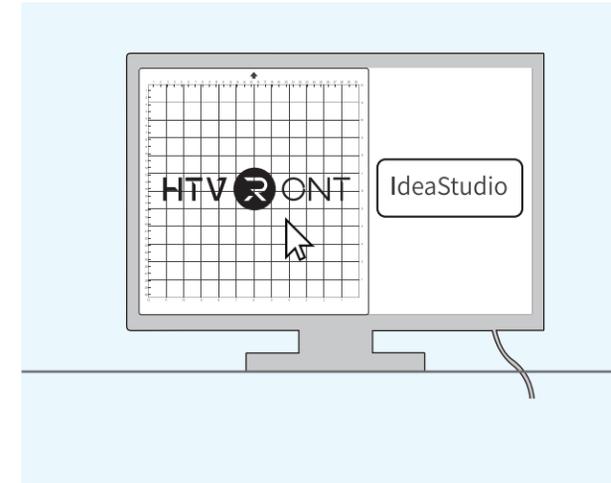
Place the base plate into the device as shown, then insert coasters, ceramic plates, or other substrates. If pressing multiple items at once, ensure a gap of at least 1 cm between them.



*Leather substrates may stick to the base plate after ironing. Use tweezers to lift them off, or place a sheet of plain paper underneath to prevent sticking.

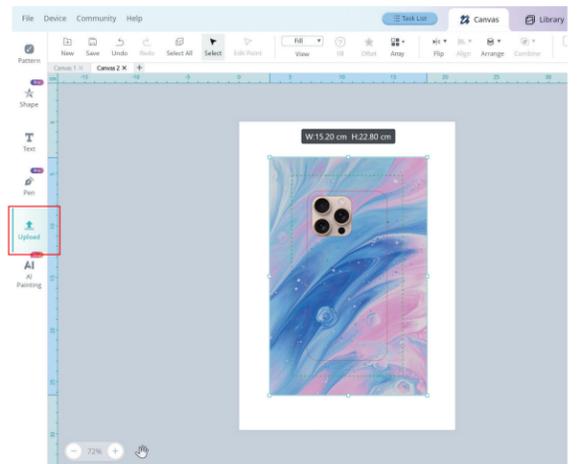
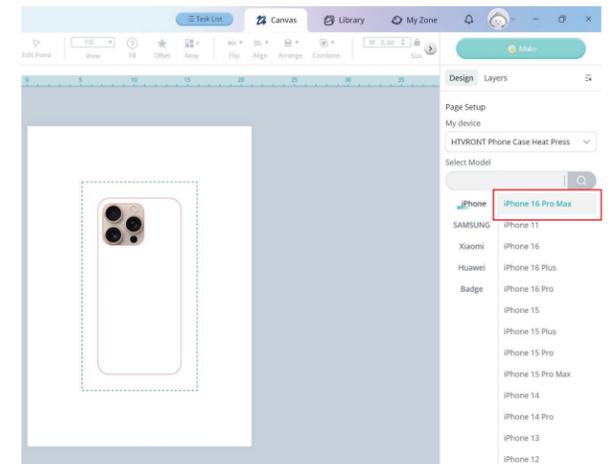
*Use tweezers to move the base plate, or stick some heat-resistant tape on the edge to help lift it up.

【IdeaStudio Printing Instructions】



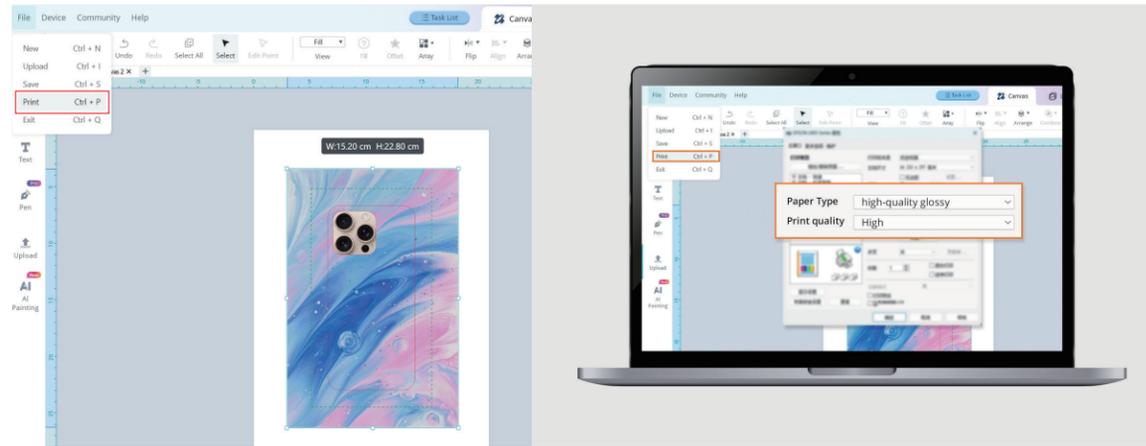
①Download IdeaStudio from the link:
<https://loklik.com/download>;

②Click on Setup and select Phone Case Heat Press;
*Connect your PC to the printer for printing, no need to connect the device.

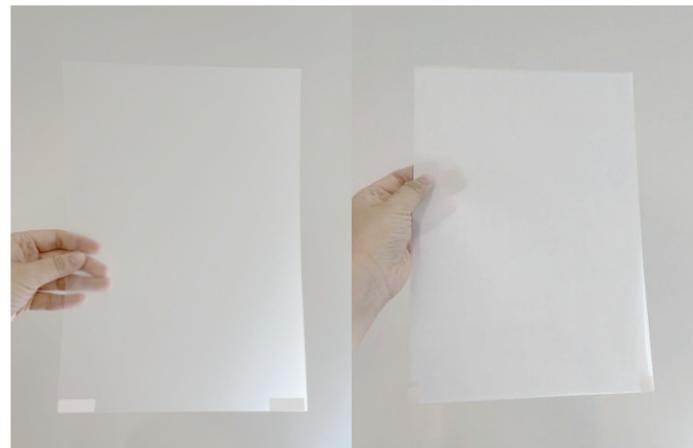


③Select your phone, badge, coaster, ceramic plate, keychain, or luggage tag. If unavailable, draw the shape directly in Canvas;

④Upload your image and adjust its size and position. Make sure the image fills the green frame. If the design contains text, flip it horizontally before printing;



⑤Click "Print"; for paper type, choose "High-Quality Glossy Paper" and set the quality to "High." If the printer does not offer this option, please select either "Transparency" or "Thick Paper."



*If paper jams or misprints occur during printing, stick a label on the bottom edge of the film. If it still fails, attach an A4 sheet to the back to improve feeding and sensor detection.

Specifications

Product Name	HTVRONT H17 Phone Case Heat Press	Input	120V~ 60Hz 1400W
Model	HPX01		
Temp	100-160°C (210-320°F)	Time	1-600 s
Product Dimensions	32.6 x 30.4 x 17.2 cm /12.8 x 12.0 x 6.8 inch	Machine Weight	5.3 kg/11.7lb
Package Dimension	37.5 x 35.0 x 22.5 cm /14.8 x 13.8 x 8.9 inch	Package Weight	7.1 kg/15.6lb
			7.5 kg/16.5lb

Precautions

- 1、 Do NOT use this product outdoors. It's ONLY for household use;
- 2、 You can ONLY use this product on a flat, stable, and heat-resistant surface;
- 3、 Keep the product away from flammables while in use;
- 4、 When using this product, please keep an eye on it to avoid accidents. Turn off the product and unplug the power cord while leaving;
- 5、 Do NOT touch the heat plate after powering on to prevent burns;
- 6、 Do NOT let the power cord touch the heat plate during the operation;
- 7、 After use, please wait until the device is completely cool before storing it away;
- 8、 Please unplug the power cord after use or before cleaning the product to avoid electric leaks and any risks;
- 9、 Do NOT immerse the product in any liquid;
- 10、 When there are beeps and "E1/E2/E3" on the screen, please cut the power immediately and restart. Feel free to contact HTVRONT's customer service if you have more questions;
- 11、 If the product is malfunctioning or damaged, please stop using the product immediately and contact HTVRONT's customer service;
- 12、 Children under 14 MUST have adult supervision while using the machine;
- 13、 WARNING: To reduce the risk of electric shock or injury, always unplug the product before servicing;
- 14、 This product comes with a polarized plug (one prong is wider than the other) to reduce the risk of electric shock;
 - a.This plug fits only one way into a polarized outlet.
 - b.If it doesn't fully fit, try flipping the plug.
 - c.If it still doesn't fit, contact a qualified electrician.
 - d.Do NOT attempt to modify the plug in any way.
- 15、 Close supervision is required when the product is used around children;
- 16、 If the power cord is shorter than 4.5 ft (1.4 m), please follow these instructions;
 - a) A short cord is used to reduce the risk of tripping or entanglement.
 - b) You may use an extension cord, but handle it with care.
 - c) When using an extension cord:
 - a.The rated power of the cord must be equal to or greater than that of the product.
 - b.Arrange the cord safely and neatly, keeping it away from table edges to avoid being pulled, tripped over, or grabbed by children.
- 17、 For household use only and do NOT immerse the product in water or any liquid;
- 18、 Cleaning & Maintenance:
 - a.Always unplug the power cord before cleaning.
 - b.Wait until the product is completely cool before handling.
 - c.Use soft, dry cloth to clean. Do not use detergents or cleaners.
 - d.When not in use, clean the product and store it in a cool, ventilated place, out of reach of children.

Q1: What are the usage precautions for the universal phone case fixture?

- A1: The fixture is adjustable, and using a small support to fill gaps can improve transfer results (tweezers can be used for assistance);
- A2: Use a lens pad of the appropriate size and secure it with high-temperature tape for better heat transfer results;
- A3: For Android models, select the suitable R-corner from the provided set for installation. (No need to change the R-corner for Apple models.)

Q2: How to ensure the best heat transfer results?

- A1: Use a sublimation printer, and ensure the printed image's ink is completely dry before use. As shown, you can place the printed image above the device's cover to speed up the drying process or use the oven to dry it up (Recommend parameters: Temp: 40°C Time: 2-3 mins);
- A2: Always use A4-sized sublimation film, ensuring it is aligned flat in the heating chamber to avoid vacuum sealing failure;
- A3: If the printed sublimation film is not used immediately, store it in a sealed container to prevent moisture absorption, which can affect the heat transfer; It is recommended to use it within 4 hours after printing;
- A4: Please do use the lens pad to ensure proper support and heat transfer. Not using it may cause pressing failure or deformation around the camera area;
- A5: When placing the phone case, make sure the camera area is not aligned with the gap of the fixture to prevent the film from tearing during the vacuum process.

Q3: How to remove the phone case from the fixture?

- A1: Please wear heat-resistant gloves throughout the process;
- A2: After the transfer is complete, open the heat plate and peel off the sublimation film immediately;
- A3: Hold the phone case and apply downward pressure to compress the fixture, then remove the phone case;
- A4: If it's difficult to remove, use tweezers to grip the camera area and carefully pull out the phone case.

Q4: What should be noted when heat pressing badges?

- A1: Use the badge fixture and place the pin side into the slot of the fixture;
- A2: Use A4-sized sublimation film;
- A3: Use IdeaStudio for image printing.

Q5: How to heat transfer onto coasters, ceramic plates, and other flat substrates?

- A1: Place the substrates on the base plate;
- A2: If pressing multiple items, ensure at least 1 cm of space between substrates and between substrates and the heating chamber walls;
- A3: Use A4-sized sublimation film.

Q6: What is the unusual smell when using the machine?

- A1: The smell is likely from the sublimation ink evaporating or the lubricant on the fixture volatilizing. This is a normal occurrence.

Q7: What to do if the printing fails?

- A1: Please use a sublimation printer and ensure it supports media thicker than 0.3 mm;
- A2: Set the print size to A4. It is recommended to select "Transparency" or "Thick Paper" as the paper type;
- A3: The film may affect sensor detection or cause feeding issues due to its transparency or smooth back. Attach a sticker to the edge or an A4 sheet to the back to improve performance.

Q8: How should I store the product after use?

- A1: Please store the device after it is completely cool;
- A2: If there is any sublimation ink residue on the flat base, clean it with alcohol.

Q9: Why is there a color difference between the original image and the transferred design?

- A1: This may be due to your printer model or the type of ink used. Try performing color correction and cleaning the printhead;
- A2: If the final result looks too yellow, reduce the yellow ink output in the printer settings;
- A3: Glossy phone cases tend to produce more vibrant results than matte ones—choose the type that suits your preference;
- A4: Make sure to follow the recommended heat pressing settings. Over-pressing may also affect color accuracy.

Q10: How to achieve the best vacuum transfer results?

- A1: Do not block the air holes on the lens pad when sticking it to the phone case;
- A2: Ensure the sublimation film covers the silicone ring fully when placing it for the best result;
- A3: Set the preheating time within the recommended range of 0-10 seconds (Optimal: 5 s);
- A4: Please place the film and close the upper heat plate within 10 seconds;
- A5: Press the inner and outer silicone ring gently to ensure proper airtightness while the machine is cool.

Q11: What to do if the screen shows E1/E2/E3?

- A1: E1 – Heating failure;
- A2: E2 – Temperature rise error;
- A3: E3 – Short circuit or open circuit error;
- A4: If any of the above occur, please turn off the power immediately and stop using the machine. Contact HTVRONT customer service for assistance.

HTVRONT H17 Phone Case 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.