

HTV  ONT



**HTVRONT A200 Auto Tumbler  
Heat Press User Manual**

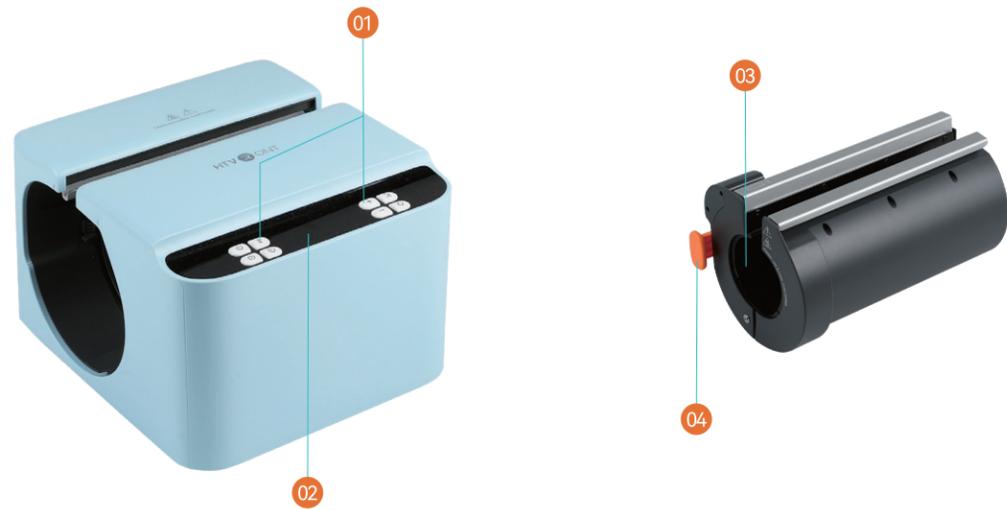
Thank you for choosing HTVRONT!

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/>

## Device Overview



1. Buttons	2. Display Screen	Time: 1 ~ 199 s Temp: 100 ~ 200°C (210 ~ 390°F) Pressure: 20 ~ 70 kg (45 ~ 155 lb)
3. Heat Plate	4. Heat Plate Handle	

## Included in the Box

This product features a modular design, and the modules included vary based on the different kits. Please refer to the "Quick Start Guide" included in the package for the actual packing list. If you find any missing or inconsistent accessories, please contact our customer service for help.

Interchangeable Heat Plate Modules:

1. 15 ~ 30 oz Heat Plate Module
2. 40 oz Handle Tumbler Heat Plate Module
3. 11 & 15 oz Mug Heat Plate Module

\* The above modules all share the same installation method. More details, please refer to the "Replacement Guide for Heat Plate."

## Compatible Tumblers

Device	15/20/30 oz Straight Tumbler	16 oz Straight Glass	Straight Mug	40 oz Tumbler with Handle	Capacity & Diameter
HTVRONT A200 Auto Tumbler Heat Press	✓	✓	×	×	7.5~8 cm/2.95~3.15 in
HTVRONT A200H Auto Handle Tumbler Heat Press	×	×	×	✓	HTVRONT 40 oz Handle Tumbler
HTVRONT A200 Auto Tumbler Heat Press Pro Kit	✓	✓	×	✓	Straight Tumbler: 7.5~8 cm/2.95~3.15 in HTVRONT 40 oz Handle Tumbler
HTVRONT A200 Auto Tumbler Heat Press Mug Kit	✓	✓	✓	×	Straight Tumbler: 7.5~8 cm/2.95~3.15 in 11 oz Mug: 8.0~8.4 cm/3.15~3.30 in 15 oz Mug: 8.4~8.8 cm/3.30~3.46 in
Straight Tumbler Heat Plate Module	✓	✓	×	×	7.5~8 cm/2.95~3.15 in
Handle Tumbler Heat Plate Module	×	×	×	✓	HTVRONT 40 oz Handle Tumbler
Mug Heat Plate Module	×	×	✓	×	11 oz Mug: 8.0~8.4 cm/3.15~3.30 in 15 oz Mug: 8.4~8.8 cm/3.30~3.46 in

## 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. Adjust the temperature immediately with the "+" or "-" button and wait for 3 s to exit the settings;  
Long press (2 s): Convert the temp units (°C/°F).



### Time

Press "Time" and the time value flashes. Adjust the time immediately with the "+" or "-" button and "-" button and wait for 3 s to exit the settings.



### Pressure

Short press (press once): The pressure value flashes. Adjust the pressure immediately with the "+" or "-" button and wait for 3 s to exit the settings;  
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 5 s; pressure will increase by 5 kg(5 lb);  
Long press (≥ 2 s): Increase the temperature by 10 units, time by 10 units, or pressure by 10 kg(10 lb) continuously until you stop pressing.



### Decrease

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



### Custom

Press the "Custom" button to customize the ironing modes (A/B/C/D). Select one mode, and the selected mode icon will light up on the digital screen accordingly. Press the "Temp", "Time" or "Pressure" buttons and adjust the settings with the "+" or "-" button and wait for 3 s to exit settings.

	Mode A	Mode B	Mode C
Applicable Tumblers	20 oz Stainless Steel Tumbler	30 oz Stainless Steel Tumbler	16 oz Glass
Time	195 s	185 s	300 s
Temp	200°C/390F	200°C/390F	200°C/390F
Pressure	45 kg/100 lb	45 kg/100 lb	45 kg/100 lb

Mode D
40 oz Tumbler with Handle
170 s
200°C/390F
45 kg/100 lb



### Start

Press the "Start" button to iron automatically with a countdown. The "Start" button flashes red when preheating, then turns green once it reaches the set temperature. The "Start" button flashes green when the device is cooling (The set temp is lower than the real-time temp).

## 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;



### Emergency stop

Press any button when the heat plate is closing, and the heat plate will reset to its original position;



### Back to the default setting (210°F/60 s/25 lb)

Press the "Power" button for 5 s to turn off the device and reset the settings.

## Usage Notes

1. Please ensure the tumbler has a sublimation coating;
2. For 40 oz tumblers with handles, please remove the handle with a screwdriver first;
3. Please ensure the tumbler is clean without any liquid, oil, or dust on the surface;
4. Do not put the tumbler into the heat plate while preheating;
5. Please remove the lid and handle (if any) before putting the tumbler into the heat plate;
6. Please use the appropriate size heat press mat to wrap the tumbler. For details, refer to the Quick Reference Chart;
7. Please be sure to put the tumbler in the center of the heat press mat, cover the tumbler fully, and put it into the heat plate with the open end facing up;
8. Please wear heat-resistant gloves when putting in or taking out the tumbler to avoid burns;
9. Please note that if the tumbler fails to satisfy the recommended capacity, diameter, and length range requirements at the same time, it may affect the ironing effect (please refer to the product specification table below for specific application range);
10. Please remove the tumbler and the heat press mat after ironing; do not leave it inside the device.

## 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 modify the electrical circuit under any circumstances.

## Instructions for Use

1

Power on the device; short press the "Power" button to turn it on (Default settings: 100°C/210°F, 60 s, 25 lb); after setting the appropriate temp and time, the device starts preheating. During preheating, the "Start" button lights up in red;



2

Put the sublimation paper in the sublimation printer with its rough surface upward, print the image out and dry it, cut the image out to fit the tumbler size, clean and wipe the tumbler, and attach the image tightly to the tumbler with heat-resistant tape;



3

Wrap the tumbler with the heat press mat (please refer to the Quick Reference Chart below for the corresponding heat press mat specific to tumblers). Please keep both ends aligned.



Wrap the tumbler with the heat press mat

Wrap the 40oz tumbler with handle with the heat press mat

4

Once the "Start" button turns green, wear heat-resistant gloves and place the tumbler into the heat plate from the right opening, with the open end facing up and centered. Ensure the heat press mat is not displaced or offset;



5

Press the "Start" button to start automatic ironing. The heat plate will release when the countdown ends and the device emits a long beep. Take the tumbler and heat press mat out. Wait for 30 s and tear off the sublimation paper. Do not rinse it with cold water immediately to avoid bursting.



## Quick Reference Chart

Tumbler type	Optimal Tumbler Diameter	Time	Temperature	Pressure	Heat Press Mat
20 oz stainless steel tumbler	7.5 cm/2.95 in	190 ~220 s	200°C/390°F	40~60 kg/90~135 lb	4.0 mm tumbler heat press mat
30oz stainless steel tumbler	8 cm/3.15 in	180~210 s	200°C/390°F	40~60 kg/90~135 lb	2.0 mm tumbler heat press mat
40 oz tumbler with handle	Top-end Outer Diameter: 100 mm /3.94 in Bottom Outer Diameter: 74 mm/2.91 in	160~190 s	200°C/390°F	40~60 kg/90~135 lb	2.0 mm handle tumbler heat press mat
16 oz glass tumbler	7.5 cm/2.95 in	290~320 s	200°C/390°F	40~60 kg/90~135 lb	4.0 mm tumbler heat press mat
15 oz stainless steel tumbler	7.5 cm/2.95 in	190~220 s	200°C/390°F	40~60 kg/90~135 lb	4.0 mm tumbler heat press mat
11 oz mug	8.1~8.3 cm/3.19~3.27 in	420 s	200°C/390°F	45 kg/100 lb	11 oz mug heat press mat
15 oz mug	8.5~8.7 cm/3.35~3.43 in	520 s	200°C/390°F	45 kg/100 lb	15 oz mug heat press mat

### \* Mug Pressing Notes:

- For light-colored designs, reducing the time by 10~20 s.
- For dark or large-area designs, increasing time by 50~70 s.

## Operation Guide for Tumbler with Handle

### Step 1

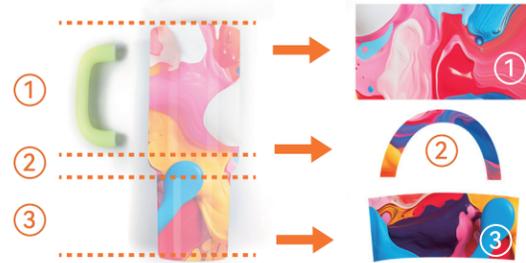
Before ironing the 40oz tumbler with handle, please remove the handle with a screwdriver first;

- \*The handle needs to be removed before ironing the tumbler with handle
- \*Remove two screws



### Step 2

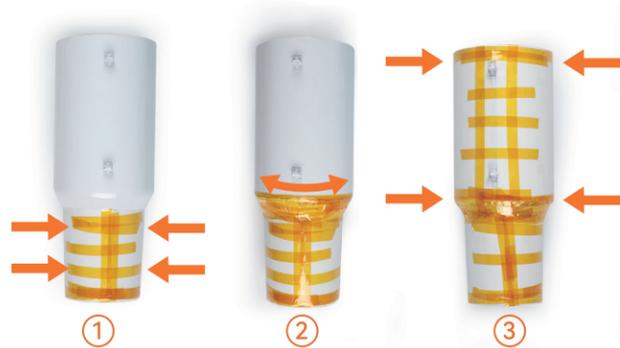
Put the sublimation paper in the sublimation printer with its rough surface upward, print the image out, dry it, and cut it out to fit the tumbler size. If you need to transfer the image to cover the tumbler fully, prepare 3 sections of sublimation paper (upper, middle, and lower sections);



### Step 3

Clean and wipe the tumbler, and attach the design tightly to the tumbler with heat-resistant tape. It is recommended that the image be stuck in the order of lower, middle, and upper sections.

- \* Tighten up the sublimation paper and secure it firmly with the tape.



## Operation Guide for Mug Heat Plate

### • 11 oz Mug



Wrap the 11 oz mug heat press mat around the mug tightly, ensuring the arrow icon on the mat is toward the mug opening;



Place the mug onto the area marked "11 oz" on the mug heat plate, with the mug opening facing outward.

### • 15 oz Mug



Wrap the 15 oz mug heat press mat around the mug tightly;



Place the mug onto the area marked "15 oz" on the mug heat plate, with the mug opening facing outward.

### Notes:

1. When placing the mug, make sure the mug body sit flush against the mat to prevent tilting or shifting.
2. The handle should face upward. Place the mug carefully to avoid impact or uneven pressure.
3. To achieve optimal transfer results, please press one mug at a time.
4. To ensure proper transfer, avoid positioning designs too close to the handle.

## Replacement Guide for Heat Plate

### Precautions:

1. Please replace the heat plate when it is completely cool;
2. If you replace the hot heat plate, please wear heat-resistant gloves.



- ▶ Grip the orange part of the heat plate module and pull it out;



- ▶ Support the heat plate with one hand while pulling;

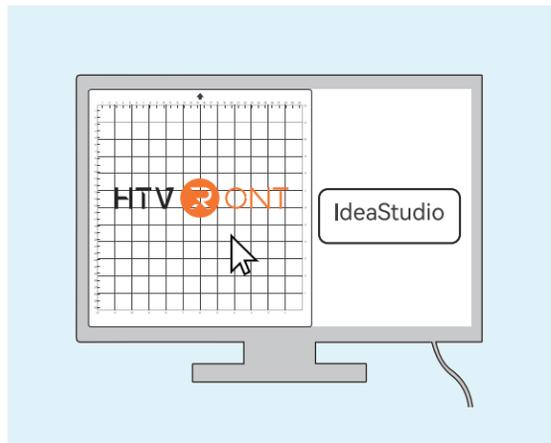


- ▶ Align the two slide rails on the heat plate module with the slide rail markings on both sides of the device and slide it in;



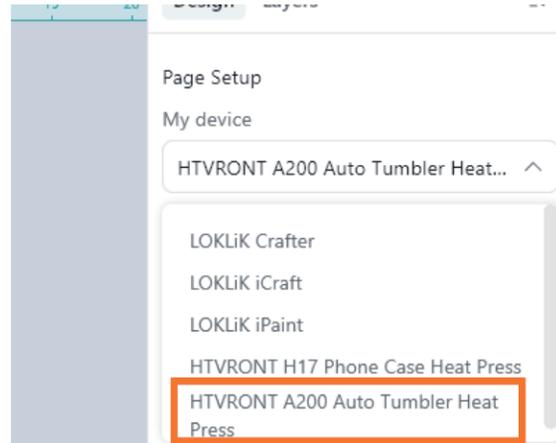
- ▶ Push the heat plate until a "Click" is heard.

## Templates Printing Instructions



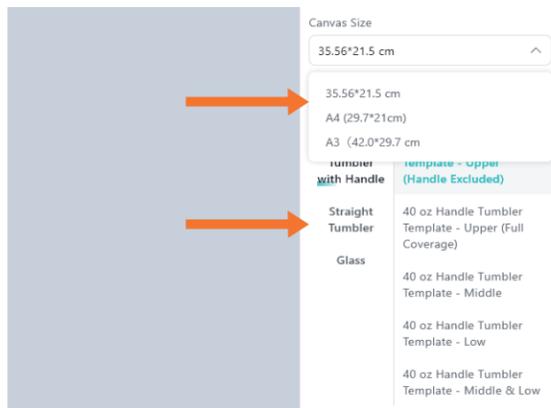
### Step 1

Download IdeaStudio:  
<https://store.loklik.com/download/>;



### Step 2

Select HTVRONT A200 Auto Tumbler Heat Press in the software;

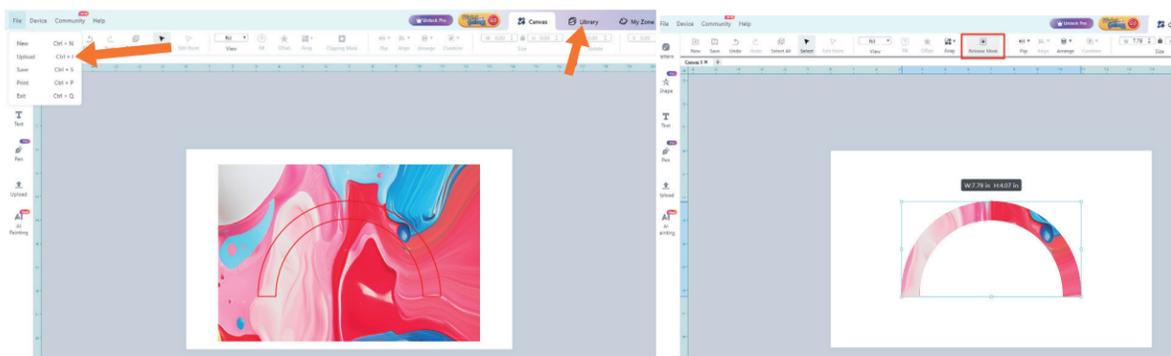


### Step 3

Select the canvas size (Recommended size: 8 x 14 in) and the templates.

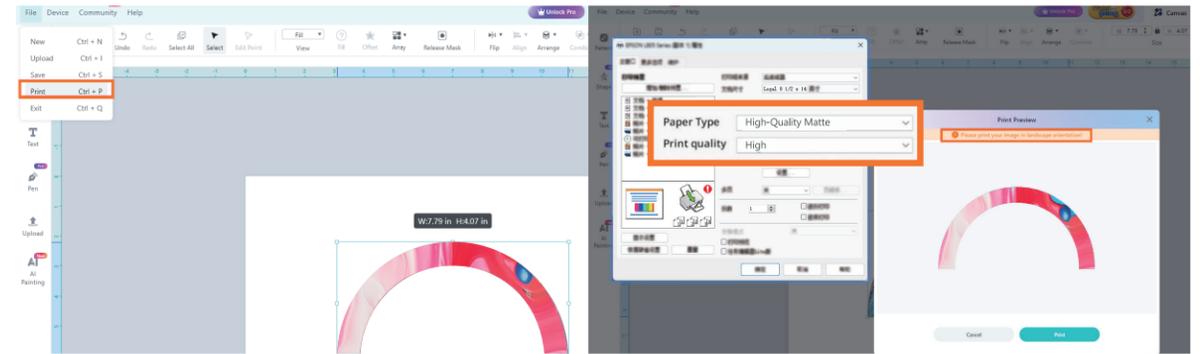
The 40-oz tumbler template has been divided into three sections:  
 1. Upper – Handle Excluded and Upper – Full Coverage  
 2. Middle  
 3. Low

**Note:** When printing the upper section, it is recommended to use the "Upper – Handle Excluded" for better transfer result.



### Step 4

Upload your image or select your design in the IdeaStudio's "Library"; Click "Clipping Mask" to trim the design and mirror the design;



### Step 5

Print the templates out with the sublimation printer and the sublimation paper.  
 (Recommended printing settings: Print Quality – High; Orientation – Landscape; Paper Type: High-Quality Matte)

## FAQS

### Q1: How to achieve the best heat transfer result?

- A1: Use the sublimation printer for printing and ensure the printed image is completely dry before transferring;
- A2: Trim the printed paper to fit the tumbler—leave about 1 cm extra in width and avoid exceeding the top edge in length;
- A3: Ensure the printed design wraps tightly and evenly around the tumbler with no gaps, then secure it firmly with heat-resistant tape;
- A4: Wrap the tumbler with the heat press mat, making sure it's fully covered, and place it into the heat press with the open end facing up;
- A5: Avoid directing fans or air conditioning toward the device during heat pressing.

### Q2: Why does the device emit slight smoke during or after ironing?

A1: It is normal as sublimation ink will sublimate into gas at high temperatures and produce odor.

### Q3: What to do if the display doesn't show parameters after replacing the heat plate?

A1: Make sure the two rails on the heat plate are properly aligned with the device's sliding tracks. A2: Check if the plate is fully inserted. Reinsert it and push it firmly into place.

### Q4: What to do if the device beeps and shows an "E1/2/3/4/5/6" error on the screen?

- A1: Turn off the power, remove the heat plate module, and reinstall it carefully, ensuring it's fully locked in place. Then, power on again;
- A2: Try replacing it with a new heat plate module;
- A3: Contact the HTVRONT customer support for further assistance.

## Specifications

Name	HTVRONT A200 Auto Tumbler Heat Press	Pressure Range	45-155 lb/20-70 kg
Model	HPT02	Heat Plate Length	11 in/280 mm
Input Voltage	220-240V~ 50-60Hz	Heat Transfer Length	10.2 in/ 260 mm
Power	1200 W	Wire Length	1.6 m
Temp Range	100-200°C/210°F-390°F	Connection	Y Connection
Time Range	1-999 S	Product Dimension	13.2 x 12.2 x 8.9 in/ 335 x 310 x 226 mm

## Precautions

1. Ensure the input voltage matches the voltage specified on the product's sticker;
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. Do not use this product outdoors. It's only for household use;
5. 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;
6. Do not touch the heat plate by hand directly to avoid burns;
7. Always wear heat-resistant gloves during heat transfer. Make sure the surrounding environment is safe during operation;
8. Do not use this product in damp or wet environments;
9. Do not immerse this product, power cord, or plug in water or any other liquid;
10. Do not let the power cord touch the heat plate during operation. Do not rinse the product with any liquid;
11. Always supervise the product during use to prevent accidents;
12. After use, wait until the product is completely cooled down before checking or storing it to avoid burns;
13. When unplugging, always hold the plug itself—never pull the cord;
14. WARNING: To reduce the risk of electric shock and injury to persons, disconnect from power supply before servicing;
15. If the product or power cord is damaged, stop using it immediately. Do not attempt to disassemble or repair it yourself. Contact HTVRONT customer service for assistance.
16. Do not place the heat press mat on the device or any surface that is not heat-resistant immediately after use;
17. To reduce the risk of electric shock, this product has a polarized plug (one blade is wider than the other). This plug is intended to fit in a polarized outlet only one way. When the plug does not fit fully in the outlet, reverse the plug. When it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way;
18. To reduce risks of fire, electric shock, or injury to persons, the user to place the product and connected cord so that it is not likely that the product will be overturned;
19. To reduce risks of fire, electric shock, or injury to persons due to overfilling, the replacement of a lamp, or cleaning the product. The appliance must be disconnecting the power-supply cord;
20. After to the cleaning of the product, including any necessity for disassembly (and reassembly);
21. Before use the appliance, user must be read the detail of buttons instructions.



## HTVRONT A200 Auto Tumbler 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.