HEAT PRESS MACHINE
USER GUIDE



Please read the instructions carefully before use!

Customer Support

IMPORTANT: If you need help regarding product issues, after sale service, or other relevent problems, please contact us via email:

support@akeydiy.net

- Please provide the following information:
- Order ID
- Problem Description

Please read the instructions carefully before using the equipment

User Manual

Heat Press Machine



SPECIFICATION

Model	FL3838-1	**Voltage**	110V
Heat Plate Size	15x15 inch (38×38 cm)	**Power**	1200W
Temperature Range	32-450 °F (0-232 °C)	**Package Size**	23. 2* 17.7*13.8 Inch (59x45x35 cm)
Timer Range	0-999 Seconds	**Product Weight**	37 lbs / 16.8 kg

Connect the power supply and the parameter settings



1.Connect the machine plug to the110V plug power supply according to the voltage shown in the equipment package,Turn on the power main switch and the power indicator is on (note that the whole machine must have a solid protective ground wire)

2.Click, TEMP switch to the temperature setting mode, and the screen temperature value flashes (As shown in Figure 1), click the button ^ to raise the set temperature and click the button v Reduce the set temperature. Click TEMP again when the required temperature is setExit the temperature setting mode.

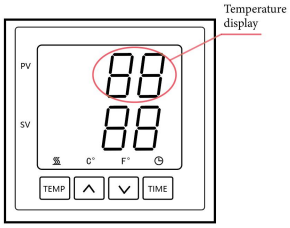


Fig 1

3.Click, TIME , switch to time setting mode, screen time value flashing (As shown in Figure 2), click the button ^ to set the working time and click the button v Reduce the set working hours. When the required time is set, click TIME again Exit the time setting mode.

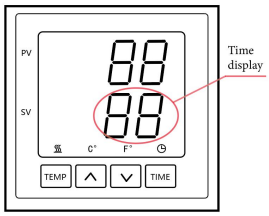


Fig 2

4.After waiting 10 to 15 minutes, the equipment heated to set temperature and heating indicator off(As shown in Figure 3), the equipment stops heating.

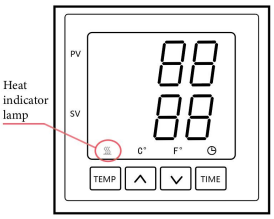


Fig 3

5.Adjust pressure (as shown in Figure 4), Turn the pressure adjustment knob to get the desired pressure.Pressure increase: clockwise rotation Pressure decrease: counterclockwise rotationIt's better if you try a few times at first use.

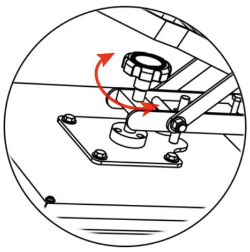


Fig 4

6. Pull out the countertop (as shown in Figure 5) and lay the garment flat On the sponge pad, fold the heat transfer paper (the patterned side of the heat transfer paper is facing each other.)The part of the garment that needs to be transferred), push the countertop back into place, and apply the handle firmly Press down until completely closed.

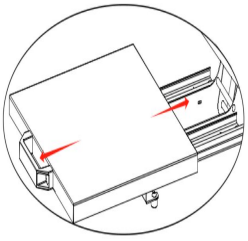


Fig 5

7.When closed, the timing light flashes and the time starts counting down (as shown in Figure 6).When the countdown ends, the chronograph light goes out and the buzzer emits a rapid "drip"sound, indicating that the heat stroke is complete, at this time the handle should be lifted upwards as soon as possible.

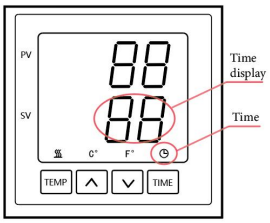
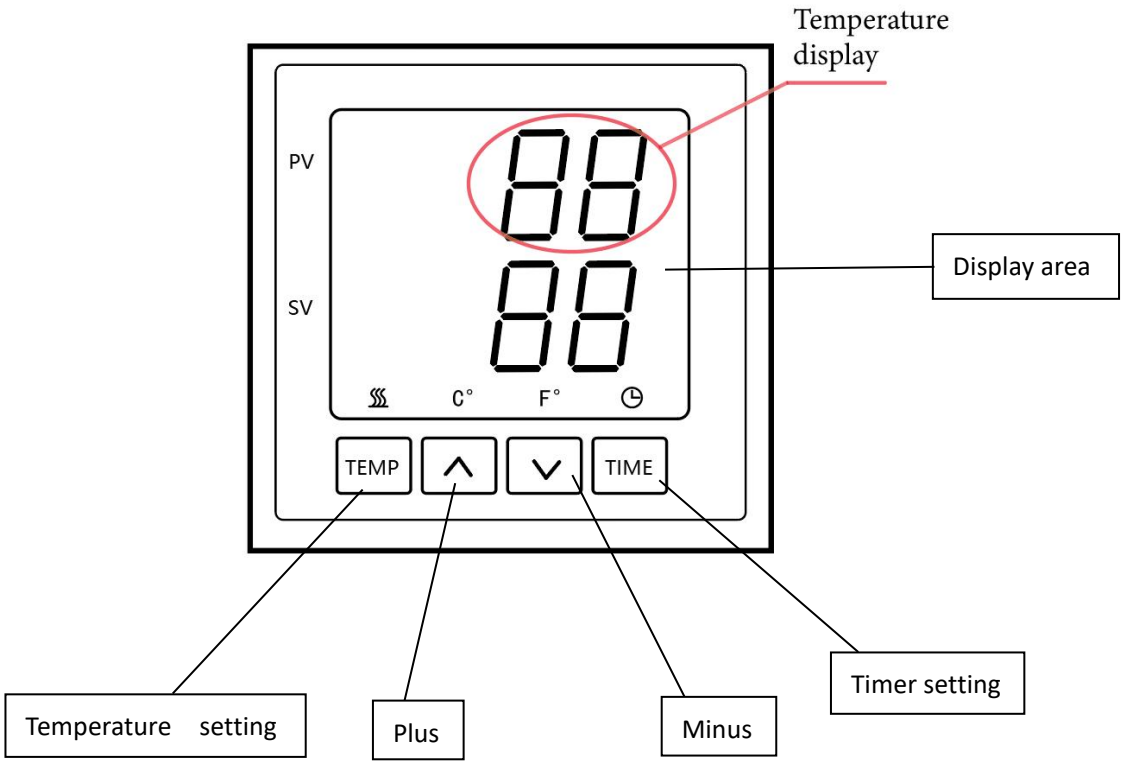


Fig 6



Note: Different products need different time and temperatures. Please set the parameters provided by the material supplier in order to achieve the ideal heat press effect.

Start to transfer

（1）. Put your items on the high temperature foam mat before the machine reaches the desired temperature. (for T-shirts, please check tips)

（2）. Position your pre-printed picture where you want it, pictures facing down.

（3）. Push down the handle and wait the machine to beep.

（4）. Lift up the handle (heat platen) and take out transfer items. Transfer done

I. Fahrenheit Celsius Switch

Press [^] + [v] button for 4 seconds,Show (shown in Figure 6) and click the button "TEMP", appears as shown in Figure 7),

Then click the "[^]" button to set to ° F or the "[v]" button to set to ° C.

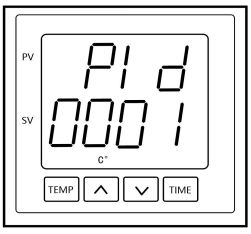


Fig 6

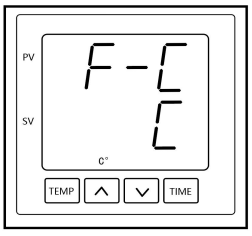
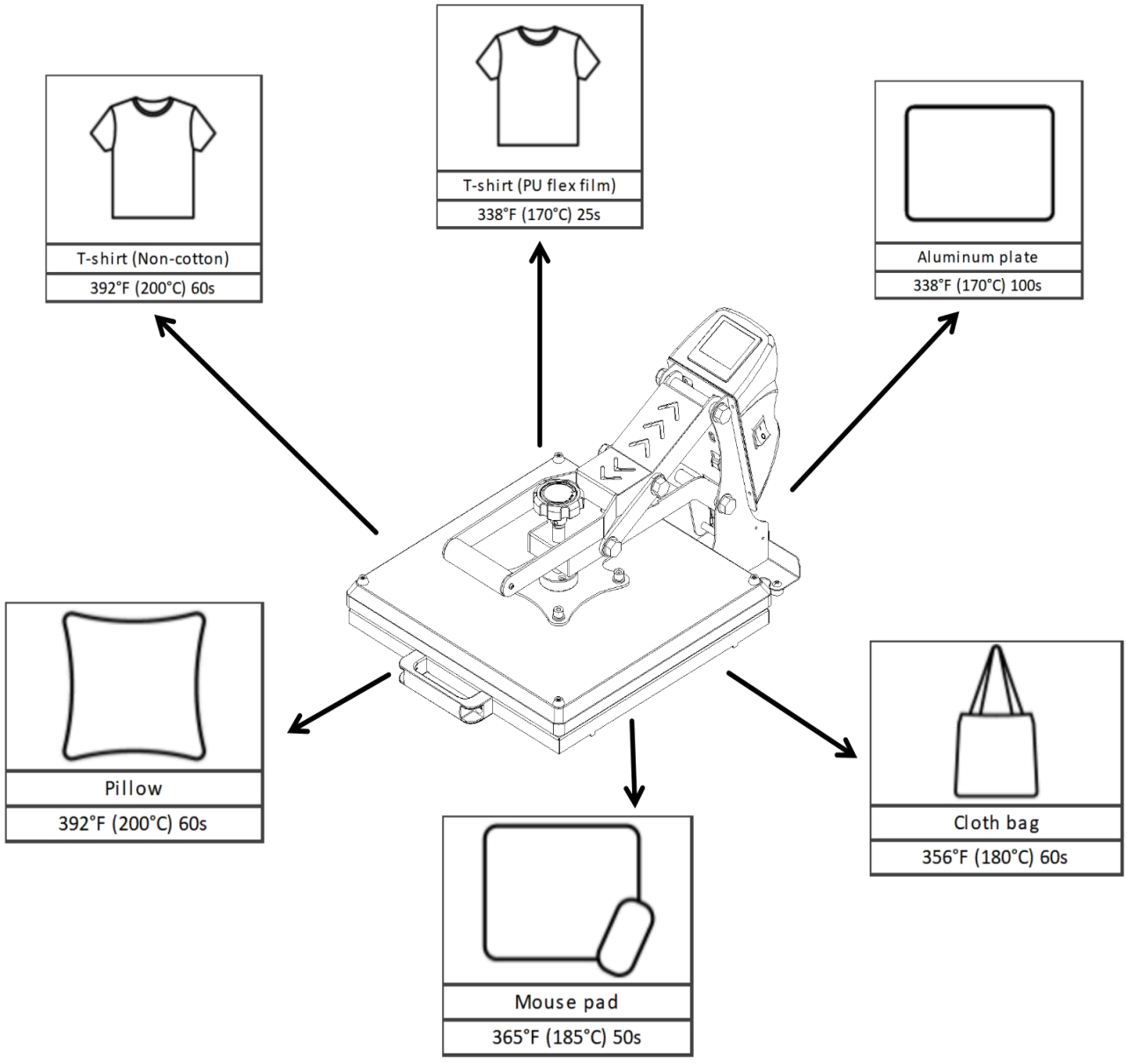


Fig 7

II. TRANSFER PARAMETER (For Reference)

material	name	Optimal heat transfer temperature	The best time to get a hot stamp	Optimal heat transfer pressure range (kg)	Optimal heat transfer pressure range (lb)
DTF transfer film	DTF heat transfer film	320°F	15s	20-30kg	44-66lb
Heat transfer paper	Thermal transfer paper	320°F	15s	20-40kg	44-88lb
Sublimation paper	Dye sublimation paper	390°F	40s	20-30kg	44-66lb
Pure heat transfer vinyl	Plain PU vinyl	295°F	15s	30-40kg	66-88lb
Glitter heat transfer vinyl	Glitter/loose vinyl	300°F	15s	30-40kg	66-88lb
Puff heat transfer vinyl	Puff vinyl	295°F	15s	30-40kg	66-88lb
Holographic heat transfer vinyl	Laser vinyl	300°F	15s	30-40kg	66-88lb
Diamond	Hot drills	330°F	30s	40-50kg	88-110lb



III. Common Problems And Solutions

	Problem	Cause	Treatment method
1	Picture burning	Time is too long or the temperature is too high	Adjust the time or temperature.
2	Fails to heat up,but Display well	The heating plate or relay is damaged	Check the heating plate or relay
3	Lack of color,or image faded	The temperature is not enough or the time is too short.	Adjust the temperature, or increase the heating time.
4	Dark, dark colors; blurred image	Pressed for too long,temperature too high	Adjust the temperature And heating time.
5	No action after turn on power	The plug is broken or the fuse is burnt out	Check the plug and fuse

Ⅳ. The Cleaning And Maintenance Of Printed Products.

4.1. The printed matter can be washed within 24 hours after printing.

4.2. Do not wipe the printed image after printing.

4.3. Washing things frequently in the washing machine will damage the image.

4.4. Avoid using cleaners or brushes.

4.5. Do not expose to the sun for too long.

Ⅴ. Safety Instructions:

1.Please select the appropriate "power supply" and "socket" according to the parameters.

2.Keep the operating environment away from flammable materials, the operating table shall be made of wood or flame-retardant material.

3.Please cut off the power if the "press machine" is idle for a long time.

4.Children under 12 or the disabled are not allowed to use the machine.

5.Keep away from water. Do not use in humid environment.

Ⅵ. WARNING

Improper use may result in electric shock, fire, personal injury and other damage.

1.Do not use this machine in a hazardous location.

2.Do not use when the machine is not working properly.

3.Do not allow children or adults who do not understand this manual to operate this machine.

4.Do not disassemble and repair this machine.

5.Do not use an unsuitable AC outlet.

Brand Story

AKEYDIY,founded in 2020,is committed to nurturing children's hands-on abilities and encouraging them to explore,discover,and experience different things through active and imaginative play.The founder,George Akey,is a young man who is not only a father of two children but also deeply passionate about DIY.He firmly believes that every child has immense creative potential,and with the right opportunities and tools,everyone can unlock their DIY potential.

George's inspiration for his first product came from children's dreams of creating their own costumes.However,the quality of heat press machines on the market varied greatly,and the prices were discouraging.Determined to fulfill kids' dreams,George conducted extensive research on heat transfer technology, continuously improving and perfecting it.After months of effort,he finally

manufactured a durable and user-friendly machine.This machine became like a key,unlocking infinite creative potential for DIY enthusiasts.
Over time,the AKEYDIY brand gradually grew and expanded.In addition to the heat press machine,they introduced various products such as bounce houses and water slides,aimed at helping families create morejoyful moments. AKEYDIY is dedicated to providing opportunities for people to bring their creative ideas to life,allowing each individual to find enjoyment and a sense of accomplishment in the DIY process.

Brand Slogan

A Key to Unlock Your DIY Potential!

Customer Support

IMPORTANT: If you need help regarding product issues, after sale service, or other relevent problems, please contact us via email:

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Please provide the following information:
Order ID
Problem Description