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> Furvveerr High-Precision DTF Oven Instruction Manual

## Furvveerr 8THSDKX0000V1

# Furvveerr High-Precision DTF Oven Instruction Manual

Model: 8THSDKX0000V1

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your Furvveerr High-Precision DTF Oven. Please read this manual thoroughly before using the device to ensure optimal performance and safety.



Figure 1: Furvveerr High-Precision DTF Oven with its lid open, showcasing the heating plate and control panel.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to prevent injury or damage to the device:

- Ensure the oven is placed on a stable, heat-resistant surface.
- Do not touch the heating plate or internal surfaces during or immediately after operation, as they will be hot. Use protective gloves.
- Keep flammable materials away from the oven.
- Ensure adequate ventilation in the work area.
- Do not operate the oven with a damaged power cord or plug.
- Unplug the device when not in use or before cleaning.
- This appliance is equipped with power overload protection.

### 3. PRODUCT OVERVIEW

The Furvveerr High-Precision DTF Oven is designed for curing PET film used in Direct-to-Film (DTF) heat transfer printing. It features precise time and temperature control for consistent results.

#### Key Features:

- **Enhanced Baking Efficiency:** Provides stable temperature control for faster curing of PET film, resulting in vibrant colors and reduced baking time.
- **Versatile Compatibility:** Accommodates PET film sizes A3+, A3, A4, and A5, with a maximum curing size of 13.8" x 19.3" (35cm x 49cm).
- **Precise Time Control:** Integrated timer function allows customization of time and temperature settings. A buzzer indicates when the countdown is complete.
- **Consistent Heat Distribution:** Ensures thorough curing of powder ink across various substrates.
- **Safety and Ease of Use:** Includes power overload protection, an easy-to-read display, and hydraulic rod control for safe and reliable operation.



01

Full Body sheet metal design,  
sturdy and dueable

02

Heating plate



03

Temperature and time setting  
buttons (Time:20-30 seconds,  
Temperature:150°C)



04

Switch with power fuse



Figure 2: Key components and features of the DTF Oven, including its durable metal design, heating plate, control panel, and power switch with fuse.

## Upgrade DTF Oven



## DTF Oven



UPGRADED DURABLE LAMPS



A3/A4/A3+ AVAILABLE IN PET FILM SIZES A3/A4



AUTOMATIC TIMER FUNCTION



SAFETY FUSE



THERMAL PAD



Figure 3: Detailed view of the digital control panel for setting temperature and time.

# 20-30 SECONDS FAST DRYING

Temperature setting  
150°C, 20-30 seconds fast drying



Shake the powder to melt evenly/thoroughly

Figure 4: Adjustable exhaust vents on the oven, allowing control over ventilation.

## 4. SPECIFICATIONS

Specification	Value
Model Number	8THSDKX0000V1
Product Dimensions	18.5 x 20.67 x 5.91 inches
Item Weight	25.4 pounds
Voltage	110V
Power	1000W
Temperature Range	0-300°C
Time Setting	0-999 seconds
Compatible Film Sizes	A3+, A3, A4, A5
Maximum Curing Size	13.8" x 19.3" (35cm x 49cm)
Manufacturer	Furveerr

# ADJUSTABLE EXHAUST VENTS

The exhaust volume of the exhaust port is adjustable and can be rotated left and right to adjust



Maximum exhaust volume



Minimum exhaust volume

Figure 5: Product dimensions of the DTF Oven.

## 5. SETUP

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Before operating your DTF Oven, ensure proper setup:

1. **Unpacking:** Carefully remove all packaging materials and inspect the oven for any damage.
2. **Placement:** Position the oven on a flat, stable, and heat-resistant surface with adequate clearance for ventilation.
3. **Power Connection:** Connect the power cord to a grounded electrical outlet matching the specified voltage (110V).
4. **Ventilation:** Ensure the adjustable exhaust vents are clear and can be rotated as needed for proper air circulation.
5. **Initial Power On:** Turn on the oven and familiarize yourself with the control panel for temperature and time settings.



Figure 6: Included components for initial setup.

## 6. OPERATING INSTRUCTIONS (DTF PROCESS)

Follow these steps for the DTF printing and curing process:

1. **Prepare Materials:** Ensure you have DTF film, DTF ink, DTF powder, and a DTF printer ready.
2. **Design and Print:** Create your design on a computer and print the image onto the PET film using a DTF printer.
3. **Apply DTF Powder:** Evenly spread DTF powder over the wet ink on the printed PET film and shake off any excess.
4. **Set Oven Parameters:** Power on the DTF Oven. Use the control panel to set the desired temperature and time. A recommended setting is **150°C for 20-30 seconds**.
5. **Cure the Film:** Once the oven reaches the set temperature, carefully place the powdered PET film onto the heating plate. Close the lid. The timer will begin.
6. **Monitor Curing:** The oven will bake until the hot melt powder melts. An alarm will sound when the countdown is complete. For sheets with large images or heavy ink coverage, it is recommended to open the cover, rotate the sheet 180°, and heat for an additional 20 seconds.
7. **Remove Film:** Carefully remove the cured PET film from the oven using protective gloves.
8. **Heat Press:** Proceed to heat press your design onto the desired garment or substrate using a heat press machine.



1 Drawings from computer designed



2 Print the patterns



3 Spread the hot melt powder evenly on the pattern



4 Put the powdered patterns in the oven



5 Put the patterns on the hot transfer machine



6 Transfer Effect

Figure 7: Overview of the DTF printing and curing process.

Your browser does not support the video tag.

Video 1: Demonstration of setting temperature and time on the DTF Oven, placing a powdered film inside, and the resulting cured film.

## 7. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your DTF Oven:

- **Cleaning:** After each use, allow the oven to cool completely. Wipe down the heating plate and interior surfaces with a soft, dry cloth to remove any powder residue. Do not use abrasive cleaners or solvents.
- **Exterior Cleaning:** Clean the exterior with a damp cloth.
- **Ventilation:** Periodically check and clean the exhaust vents to ensure they are free from obstructions.
- **Storage:** Store the oven in a dry, dust-free environment when not in use.

## 8. TROUBLESHOOTING

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If you encounter issues with your DTF Oven, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Oven does not power on	No power supply, power cord loose, power overload protection triggered.	Check power connection, ensure outlet is functional. Reset power overload protection if applicable.
Inconsistent curing results	Incorrect temperature/time settings, uneven powder application, film not flat.	Verify settings (e.g., 150°C for 20-30s). Ensure powder is evenly applied. Place film flat on the heating plate.
Oven not reaching set temperature	Heating element issue, sensor malfunction.	Contact customer support for assistance.
Buzzer not sounding	Buzzer malfunction.	Contact customer support for assistance.

If the problem persists after attempting these solutions, please contact Furvveerr customer support.

## 9. WARRANTY AND SUPPORT

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Furvveerr is committed to providing quality products and customer satisfaction. While specific warranty details are not provided in this manual, our company integrates research and development, production, agency representation, and sales, maintaining solid relationships with numerous corporations globally. We operate overseas warehouses in Europe, the U.S., and Australia to support our customers.

For any inquiries, technical assistance, or support needs, please refer to the contact information provided at the point of purchase or visit the official Furvveerr website.

