

JL360-II

ZENYRA Thermal cycling chamber

Operation Manual

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1. Overview

- a. This product is the JL360-II Thermal Circulation Chamber (hereinafter referred to as "the Product"). It is a device that uses electrical energy converted into thermal energy to provide daily relaxation and wellness benefits, such as promoting blood circulation and relieving fatigue by increasing body temperature.
- b. Intended application scenarios: beauty salons, health & wellness centers (non-medical use) and similar premises.
- c. Product Standard: Q/3201 NJJL 001-2026

2. Main Technical Specifications

2.1 Operating Conditions

Ambient Temperature: 0°C ~ 40°C

Relative Humidity: ≤90%

Atmospheric Pressure: 70kPa ~ 106kPa

Power Supply: AC (120±(12) V, (60±1) Hz

2.2 Basic Parameters

Operating Current: <13A

Output Energy: 1 -40 J/cm³, continuously adjustable, with an error of ±20%.

Operating Time: (20 ± 1) min per operating cycle

Overall Dimensions: 3100mm(L) × 1100mm(W) × 1300mm(H)

Enclosure Material: ABS Plastic

3. Product Composition and Functions

- a. Composition: The Product consists of main control unit, energy generation unit, chamber (fiberglass-reinforced plastic (FRP) or ABS enclosure) and/or treatment bed.



4. Functions

- Chamber: Ensures the human body is fully positioned within the effective treatment area.

- Energy Source Unit:

Converts transmitted energy into thermal energy within the body, thereby increasing the temperature of the areas of the body intended for application.

5. Installation Instructions

Installation shall only be completed by professional technicians dispatched by our company.

6. Operation Instructions

6.1 Operating Procedures

Requirements for Operators

1. Fully read and understand this operation manual.
2. Complete manufacturer-provided professional training and pass assessment before independent operation.

6.2 Pre-operation Inspection

1. Check all power cables and protective ground wires for correct and secure connection.
2. Confirm that the air circuit breaker is in the "OFF" position.
3. Remove any foreign objects from the area around the equipment, especially metal objects;
4. Under no circumstances shall the energy output be applied under no-load conditions (i.e., when there is neither a person nor an appropriate load inside the chamber); otherwise, the equipment may not operate properly.

6.3 Step-by-Step Operation

(1) Power On and Treatment Start

1. Complete all 'Pre-Operation Inspections', then switch on the main power circuit breaker. The user enters the "chamber."



Control Panel Interface

- a. Switch on the main power circuit breaker.
- b. The display screen turns on. At the same time, the Efficiency display shows “00”, the Energy display shows “00”, and the Time display shows “20”.
- c. Press the “START” button to start energy output. The default energy output is 40, and the energy value is displayed in the Energy display window. Observe the efficiency value on the Efficiency display. A higher efficiency value is preferable, and a value between 60 and 99 is considered appropriate under normal conditions. If the efficiency value is below 50, the energy output must be switched off, the user's position must be adjusted, and the energy output must then be restarted.
- d. After the product has operated for 20 minutes, operation ends automatically. The operation panel displays “--” in all display fields, accompanied by a continuous audible alert.
- e. After operation has ended, the user exits the “chamber”.
- f. If the energy output needs to be shut down during operation, either of the following two methods may be used:
 - “EMERGENCY STOP” button: Press to cut off energy output. The monitor displays “EMERGENCY STOP”. Releasing the button will restore normal display interface.
 - “RESET” button: Press the button to reset the energy output to zero. The Energy display shows “00”, and the Efficiency display shows “00”.

(2) Full Shutdown Procedures

After all operations have been completed, switch off the main power circuit breaker.

(3) Operating Time

The operating time is 0–20 minutes.

Note:

If no other user will continue using the Product, turn off the power switch (circuit breaker) and the main power circuit breaker.

Cautions:

- a) The Product must not be used when the efficiency value displayed is below “50”.**
- b) Whenever the user's position is changed, the energy output must be switched off, and the Energy display must show “00”.**

7. Emergency Safety Operations

If emergencies occur during operation (e.g. user physical discomfort), press the “EMERGENCY STOP” button immediately to guarantee personal safety. In case of power failure, turn off the equipment power switch and main circuit breaker.

8. Standard Configuration

- 1 × Thermal cycling chamber
- 1 × Mattress and Headrest (Optional accessory)

9. Attached Documents

- 1 × Operation Manual
- 1 × Packing List
- 1 × Product Certificate of Conformity

10. Packaging, Transportation and Storage

- a) The outer packaging is equipped with rainproof, anti-collision and anti-damage protection, complying with marking requirements specified in product standards.
- b) Transportation is allowed via general transport vehicles or as agreed in sales contracts, complying with relevant product standards.
- c) Store the packaged unit in dry, well-ventilated indoor space. Do not store alongside toxic, corrosive substances; comply with official storage standards.

11. Unpacking and Inspection

- a) Move the packaged equipment to designated indoor installation location first, then unpack following packaging marking instructions.
- b) Cross-check all accessories against the packing list for completeness.

12. After-sales Service Policy

Our company provides three-guarantee service (repair, replacement, and refund) for all products supplied from our factory. We are committed to providing customers with high-quality products and excellent service. By understanding and responding to customer needs in a timely manner, we continuously improve our service quality to ensure customer satisfaction.

- a) One complete set of standard equipment and supporting documents, one certificate of conformity and one packing list are provided with each unit upon delivery.
- b) Our technicians conduct on-site installation, commissioning and equipment functional verification after customer purchase.
- c) One-year free warranty coverage: all failures and component damage caused by original material or manufacturing defects are repaired and replaced free of charge within warranty period. Damage from improper user operation or post-warranty malfunctions will be repaired at cost price; each repair quotation is issued separately. Our after-sales team will arrange on-site maintenance within 48 hours upon service request (excluding special force majeure scenarios).
- d) Provide professional technical training to ensure operators can independently use the Product.

13. Graphic Symbol Legend

1. ~ Alternating Current
2.  Protective Earth Ground
3.  Hazardous Voltage
4.  Attention: Refer to Attached Documents

14. FCC Compliance Warning Statement

14.1 Basic FCC Part 18 Compliance Statement

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment complies with Part 18 of the FCC Rules.

14.2 Interference Troubleshooting Guide

If this unit causes obvious interference to radios, televisions or wireless devices, follow the steps below sequentially to eliminate interference: 1. Adjust the orientation and mounting position of receiving antennas; 2. Increase the physical separation distance between the Product and interfered electronic devices; 3. Connect the Product and interfered devices to separate power supply circuits; 4. Contact the equipment distributor or a certified professional radio frequency technician for support.

14.3 RF Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in fixed exposure condition without restriction.

Appendix Safety Instructions

1. Power-on sequence: turn off main circuit breaker first, then turn on equipment power switch.

Shutdown sequence: turn off the side-panel equipment power switch first in normal power-off scenarios. For emergencies such as power outages, turnoff both equipment power switch and main grid circuit breaker.

2. Users must remove all metal accessories before use, including metal necklaces, metal belt buckles, metal-frame glasses. Users with implanted cardiac pacemakers or internal metal medical implants are prohibited from using the Product.

3. Users shall change into salon uniform and remove thick clothing (sweaters, cotton coats, down jackets, etc.) before treatment.

4. The recommended standard output energy for regular use is 30 J/cm^3 . If the user feels overheated, reduce the energy output and adjust it gradually to a comfortable level for optimal use.

5. Dispose of waste generated during equipment operation in compliance with national environmental protection regulations; do not discard randomly.

Warnings

The Product contains complex electrical circuits. Non-professional maintenance personnel shall NOT open the maintenance panel while powered on to avoid electric shock hazards.

1. Keep the equipment surface and surrounding area clean at all times. Do not stack any items covering the rear ventilation vents, which will block heat dissipation and cause equipment malfunctions.

2. Contact after-sales service immediately if malfunctions occur; do not disassemble the unit without authorization.

3. Never activate energy output under no-load conditions during test runs or regular operation, which will permanently damage the Product.

4. Always cut off main power supply before opening the rear maintenance panel for troubleshooting or repair.

Contraindicated Crowds

- 1. Patients with cardiac pacemakers, coronary stents, coronary heart disease, cardiovascular metabolic disorders, arrhythmia and valvular insufficiency
- 2. Cancer patients, patients with impaired pulmonary function
- 3. Patients with hypotension or hypertension
- 4. above 38°C
- 5. Users with bleeding tendency (e.g. menstruating women), arteriovenous thrombosis, vascular tumors
- 6. Users with implanted metal foreign bodies or metal prostheses (steel nails, metal joints, etc.)
- 7. Pregnant women, infants and young children
- 8. Users with impaired consciousness
- 9. Severely underweight users with long-term insufficient staple food intake
- 10. Patients with epilepsy and other mental illnesses
- 11. Patients with angina pectoris

Reminder: After treatment, lie still and rest for 3–5 minutes before standing up slowly; drink appropriate water to replenish body fluid.

Danger Notice

Do not operate this unit alongside the following medical electronic devices:

1. Implantable medical electronic devices such as cardiac pacemakers
2. Life-support medical electronic devices such as artificial hearts
3. Bedside monitoring medical electronic devices such as electrocardiographs

Caution Notices

1. Stop using the unit immediately if abnormal operation is detected.
2. Cease treatment instantly if skin or body discomfort appears during use.
3. Cut off all power after every treatment session. Do not use the unit as space heating equipment or cover the unit with foreign objects to ensure safe operation and extend service life.
4. Do not allow children or users with impaired expression ability to operate the equipment.
5. Do not use this unit simultaneously with other electrotherapy devices, which may cause skin burns and unstable energy output.
6. Do not touch the treatment zone with any metal objects.

7. Do not disassemble, repair or modify the equipment without manufacturer authorization, which will lead to permanent malfunctions.

Troubleshooting Table

Serial No.	Fault Phenomenon	Root Cause Analysis	Elimination Method	Remarks
1	Abnormal Noise	A. Damaged cooling fan	Inspect and replace cooling fan	Only operated by professional technicians
2	Poor power cable contact; defective control unit; damaged energy generation unit; loose radiation unit wiring	A. Inspect power cable connectionB. Test control unit independently or adjust output power in manual modeC. Replace defective energy generation unitD. Reconnect loose energy unit wiring	Thermal output faults can be observed via screen readings; repair must be completed by certified professionals	Poor power cable contact; defective control unit; damaged energy generation unit; loose radiation unit wiring
⚠ Attention: Contact manufacturer after-sales service immediately if any abnormal operation occurs.				

Usage Guidelines

Follow all installation, operation and maintenance rules below to guarantee reliable equipment performance and user safety:

1. Ensure the protective ground wire of power cable is properly connected during installation. Do not use two-core power plugs; confirm input power supply is AC 120V 60Hz.
2. The unit contains AC 120V high-voltage internal components; do not open the cabinet shell without authorization to avoid electric shock risks.
3. The unit's operating frequency may cause electromagnetic resonance interference to other electronic devices. Keep all other electronic equipment at least 5 meters away during operation. Install isolation barriers (e.g. isolation room) if interference persists.

[FCC Supplementary Note] This electromagnetic resonance risk complies with interference requirements specified in Section 13 FCC Compliance Warning

Statement. Maintain a minimum 5-meter separation distance for units exported to the United States to avoid violating FCC EMC regulatory requirements.

4.The power supply generates heat during operation; maintain sufficient ventilation around the unit to prevent overheating damage.

5.Cut off the main circuit breaker during humid rainy weather or long-term idle storage.

6.Non-professional staff shall not disassemble the equipment chassis or conduct unauthorized maintenance, which may cause safety accidents or aggravate equipment damage.

Warranty Card

Thank you for purchasing our product.

The one-year warranty term starts from the equipment acceptance date. Free repair service is provided for failures caused by defective raw materials or manufacturing workmanship under normal installation and usage conditions within the warranty period. Please keep this warranty card safely as valid proof; replacement will not be issued for lost cards.

Paid Repair Scenarios (out of warranty or non-warranty damage)

1. Cannot provide original valid warranty card;
2. Damage caused by improper user operation, improper storage, unauthorized disassembly or private maintenance;
3. Damage caused by natural disasters (earthquake, flood, lightning strike), fire, building collapse and other external disasters;
4. Malfunctions or damage caused by relocation, transportation and improper storage;
5. Equipment exceeding the one-year warranty period.

Warranty Terms

- Following equipment inspection, defective components will be repaired or replaced as applicable;
- Out-of-warranty units or non-warrantable damage will be subject to separate repair and replacement fees.

Product Information Form

Product Model		Warranty Period	1 Year
Serial Number			
Acceptance Date	YYYY	MM	DD

User Information Form

Customer Name			
Contact Person		Contact Phone	
Customer Address			