



Cause of failure and treatment, Care and replacement of the lamp

Cause and treatment of the failure

◆ In case sterilization lamp is not turned on

- Is the socket plugged in properly?
- Is the door closed properly?
- Is the sterilization lamp plugged into the socket correctly?
- In course 2 and 3, only indoor lamp is lit at the initial 20 minutes.
- Check above items and if you find no abnormality, contact A/S center and replace lamp.

◆ Sterilization lamp is flickering

- Is there a change in the operating voltage?
- Is the life of sterilization lamp off?
- Check above items and if you find no abnormality, contact A/S center and replace lamp.

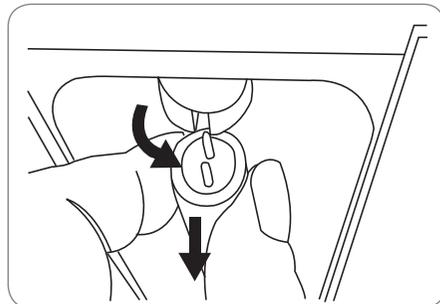
◆ Drying is not done well

- Isn't the temperature in the room too low or is the lamp located near the window and affected by the air outside?
(Optimal room temperature for drying is 25 degree)
- Does the wet remain on the sterile object to much?
(Remove the wet of the sterile object as much as possible before putting into sterilizer)

※ It is normal if a few drops of water remain after drying in course 1.

If you want complete drying, remove the wet as much as possible before putting into sterilizer.

Lamp care and replacement



◆ Lamp replacement time

- In case both sides of the lamp are blackened or flickering phenomenon happens, replace the lamp.

◆ How to replace the lamp

- Grasp the both ends of lamp with fingers and turn them halfway and take out the lamp electrode through the open passage of the socket and replace the lamp with new lamp.



Product specification



Product name	Rayqueen (Multi-purpose Sterilizer)
Model name	JHS-500 JHS-400 JHS-400S
Power Consumption	90W
Drying method	A hot air drying method using a heater PTC (40~60 °C)
Sterilization method	UV Lamp (6W)
Safety device	Automatic temperature protection / Door ON, OFF Switch
Material	ABS, Stainless steel, ETC
Power	220V/60Hz
Product dimension	JHS-500, JHS-400 : 290(W) × 430(D) × 405(H) JHS-400S : 250(W) × 370(D) × 350(H)
Weight	JHS-500, JHS-400 : 5Kg JHS-400S : 4Kg

A/S contact : (65) 6749 3003

HI-TECH (AEM) PTE LTD
53 UBI AVENUE 1 #03-42
PAYA UBI INDUSTRIAL PARK

※ The color or design of the product are subject to change without notice.

www.rayqueen.co.kr

MADE IN KOREA



MANUAL

Choice for a healthy family!

RayQueen

레이퀸

Please read !

Course2 & 3 UV lamp turned on after 20 minutes.



- Read instruction manual carefully before use.
- After reading, keep it in the place where you can see at any time.
- External appearance of the product is subject to change without prior notice for quality improvement.

RayQueen

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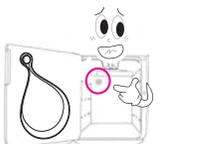


Feeding bottle sterilizer Safety Precautions

※ Following tips are the items to be abided by in order to prevent accident or unforeseen risks when using this product and you need to keep these when using this device.

Warning In case of violation, that may cause death or serious injury.

Caution In case of violation, that may cause injury or damage.

Power	Be careful so that water or foreign substance does not get in touch with the power plug.	Do not pull power cord or touch the power plug with wet hands.	Unplug the power cord when cleaning or mending.
			
			
During installation and use	Be careful not to see the ultraviolet lamp directly with your eyes or your skin not to get in touch with the ultraviolet rays during installation or use.	Install it on flat surface.	Install this at the place avoiding moisture, dust or water splashing.
			
			
Cleaning and Storage	Be careful that the contents do not get in touch with the glass door when closing the door.	Do not put in vinyl type materials which are too weak for heat.	Be careful not to block air intake or air vent area.
			
			
Cleaning and Storage	Make sure children not to put in pet into this device.	Thinner, please ban the use of alcohol or spray cleaners.	Do not place heavy or hot object on this.
			
			



Use of the device

Basic information for use



- Course selection can be changed when jog button is moved to left and right and operation starts by pressing jog button.
- In case you want to add contents during the use of this device, just open the door and add the contents without any other operation. While door is opened, sterilizing lamp is turned on automatically and door open alarm sound is generated after 5 minutes of sterilizing lamp turn-on.
- Do not put vinyl type products which are weak for heat.
- When putting in deep bottle like feeding bottle or wet product such as gauze towel, dish towel, loofah sponge, etc., put those in after completely removing moisture.
- When taking out the product with high thermal conductivity such as stainless steel or steel, take it out after checking that it is cooled sufficiently.

- When large amount is put in at one time or sometimes depending on external conditions such as Indoor air temperature, drying may not be done completely at course 2. In this case, press course 2 one more time to extend drying time or use course 3 from the beginning.

Instruction for use by each course: Course 1 (10 min sterilization)

Course process

In case of course 1, sterilization is done for 10 minutes and it comes to standby mode after that. In case of other course, course indicating lamp is off after specified time passes but in case of course 1, standby mode is maintained with course lamp of state and whenever door is opened and closed, sterilization is processed for 10 minutes.

– Indoor ventilation works from 7 minutes to 10 minutes after the start of operation.

Instruction for use by each course: Course 2 (30 minute drying +10 minute sterilization)

Course process

– Start ~ 20 minutes: Drying (indoor lamp-ON / sterilization lamp -OFF / drying is processing)
 – 20 minutes ~ 30 minutes: Sterilization (indoor lamp-OFF / sterilization lamp -ON / drying is processing)
 – 27 minutes ~ 30 minutes: indoor ventilation

– Sterilization efficiency is proportional to the drying efficiency; therefore, sterilization lamp is turned on after 20 minutes of drying process in advance.

Instruction for use by each course: Course 3 (2 time repetition of course 2)

Course process

Process of course 3 is repeated 2 times with same process as course 2. That is, after 30 minutes of drying and sterilization, same drying and sterilization is processed once again for 30 minutes.

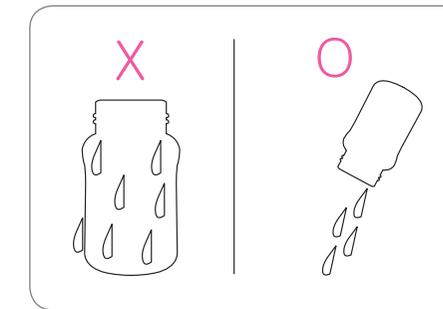
Drying and sterilization of the items taking more time for surface dry such as gauze towel, dish towel or plush toy is recommended in course 3 instead of course 2.



Efficient UV sterilization

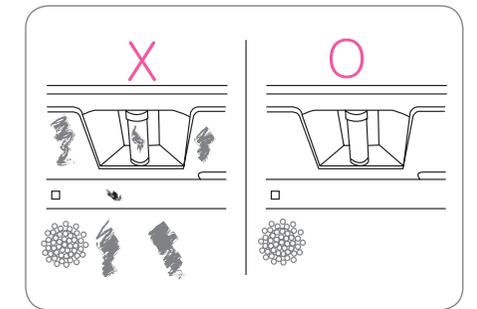
Keep dry state

UV sterilization capacity is reduced when humidity is high; therefore, when putting into sterilizer, put the product after removing moisture as much as possible. To enhance sterilization efficiency, Rayqueen executes drying prior to sterilization.



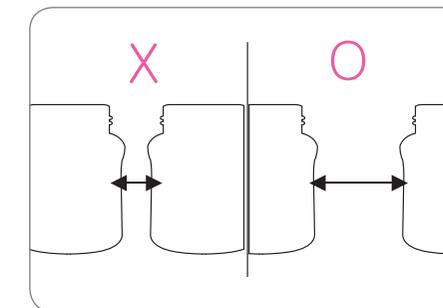
Keep clean

The sterilization efficiency is maintained when inside wall and lamp is maintained cleanly. Make sure to clean inside wall with dry cloth after use.



Secure space

Place sterile object so that light can reach evenly as much as possible and secure the distance between sterile objects as much as possible.



Avoid overlapping

Light cannot reach overlapped or folded area; therefore, sterilization cannot be done for that area. Do not pile up cup or bowl or place them upside down.

