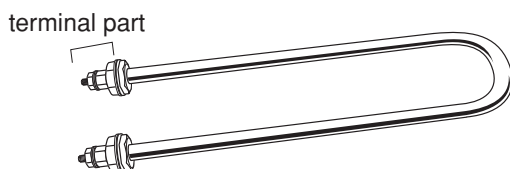
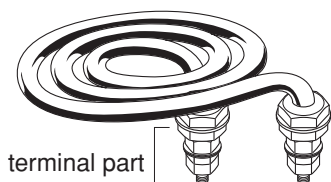
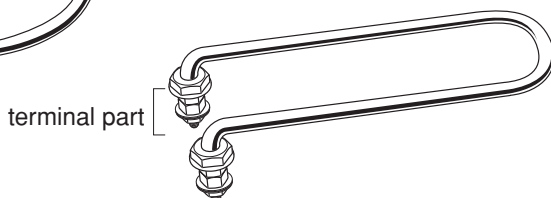
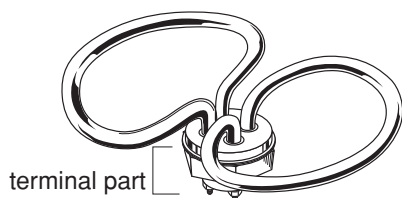


# INSTRUCTIONS FOR SAFE USE

Follow the instructions for correct use and safety.

Read the instructions carefully and keep in the convenient place for reference.

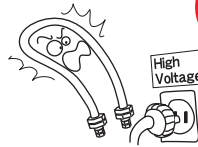
## Tubular Heater for the container of water



# WARNING

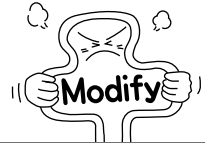
- **Do not use with any power voltage other than the indicated voltage.**

Confirm the power voltage of the country where you use. Incorrect power voltage may cause fire or electric shock.



- **Do not alter the heater.**

Alteration and deforming the heater may cause fire and electric shock.



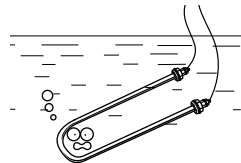
- **Do not use broken or leaky containers.**

Check the containers carefully before heating. Insufficient water may cause fire or electric shock.



- **Do not sink whole parts of the heater under the water.**

Sinking the terminal part in water may cause electric shock.



- **Do not use containers made of resin.**

Using containers made of other than metals may cause fire and electric shock.



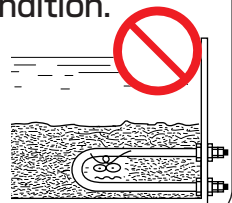
- **Do not heat any other liquids than water.**

Heating liquids other than water may cause fire and electric shock.



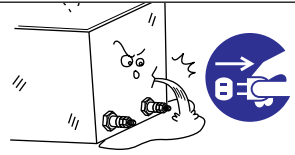
- **Do not use the heater in the following condition. It may cause fire and electric shock.**

In case the heater merges into deposition in water.  
In case foreign substances attach on the heater.  
In case the heating part is out of water.  
In case of the use for heating bath.



- **Power off the heater immediately if water is insufficient.**

Keep the heating part in water.  
Exposure in the air may cause fire.



- **Screw up the power cable tightly with the terminal part.**

Otherwise, it may cause electric leakage and shock.



- **Connect the ground terminal with the container.**

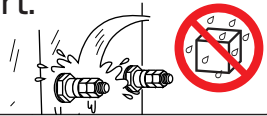
Otherwise, it may cause electric leakage or shock.



## CAUTION

- **Do not pour water on the terminal part.**

Wet terminal part may cause electric leakage or shock.



- **Do not touch the terminal part while heating.**

It may cause electric shock.



- **Do not touch the heater with bare hands just after heating for replacement.**

It may cause burns.  
Do not put the heater on flammable materials just after taking out, it may cause fire.



- **Power off and replace the heater.**

If you replace the heater, power off first. Otherwise it may cause electric shock.



- **Use the feed-water equipment.**

If you leave the heater for long time without feed-water equipment, power off the heater for safety.



# RECOMMENDATION

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## ● Maintenance for the heating part

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Power off the heater and cool to room temperature for maintenance. Wipe the heating part with neutral detergent by plastic material. Do not scrub by metal products like wire brush.



## ● Maintenance for the terminal part

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Power off the heater for maintenance of the terminal part. Vacuum the dust and rub with a dry cloth. Do not use water or neutral detergent for cleaning.



# AFTER-SALES SERVICE

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## ● If you have any questions,

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Contact with your distributors, or the Head Office of HAKKO CO., LTD.  
The address and phone number are as follows.

### ■ HAKKO CO.,LTD. THERMAL DEVICE SALES DIVISION

Head Office/ TOKYO BRANCH:

1-7-9 kamimeguro, Meguroku, Tokyo 153-0051

TEL.03-3464-8500 FAX.03-3464-8539

### ■ HAKKO ELECTRIC MACHINE WORKS CO.,LTD (manufacturer)

Head Office: 3055 Ooaza Togura Onsen, Chikuma City, Nagano 389-0807

Factory: 1486 Ooaza Isobe, Chikuma City, Nagano 389-0806

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Company's website: <http://www.hakko.co.jp/>