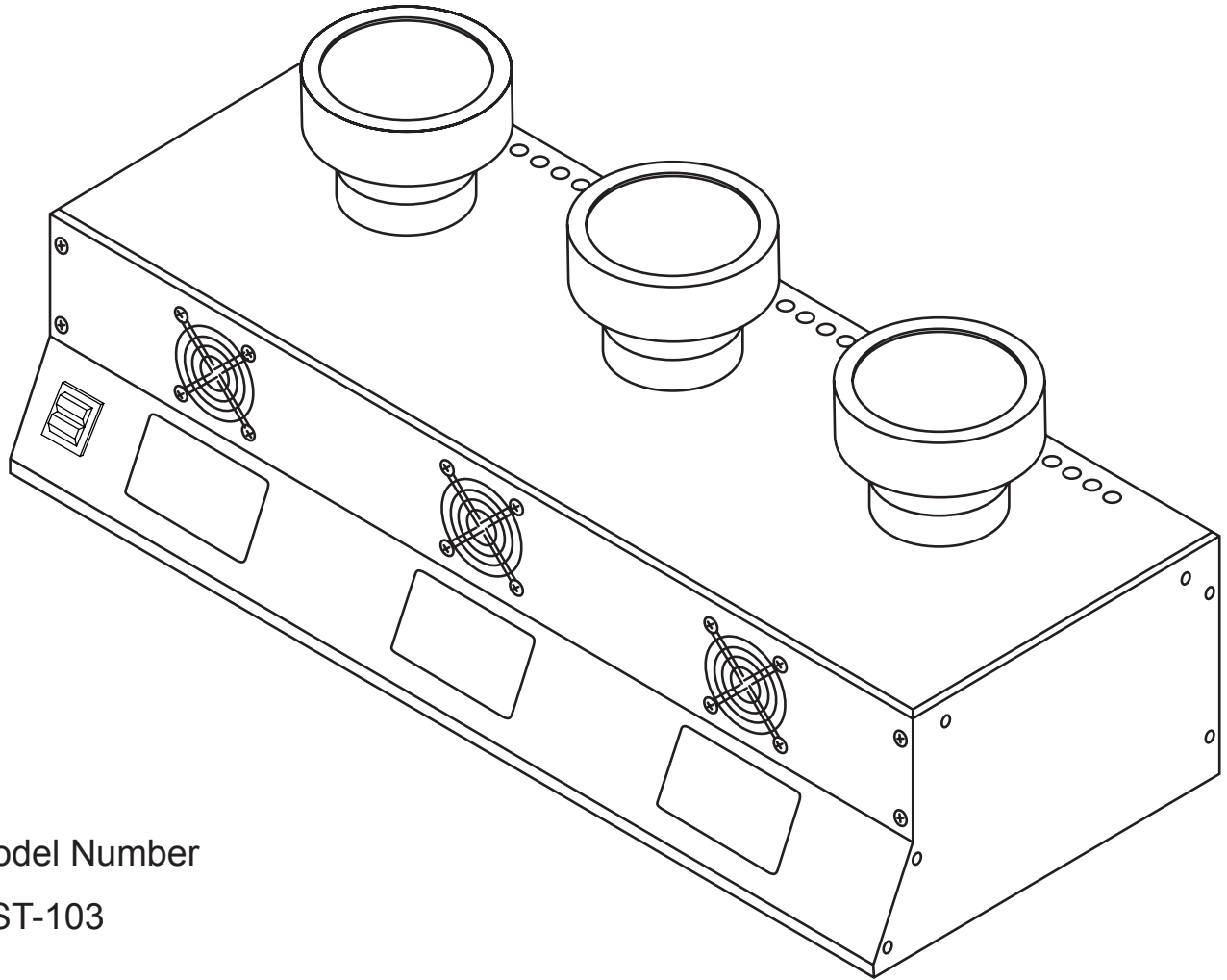


BONMAC

Hikari Siphon Table

Instruction Manual



Model Number

HST-103

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Thank you for choosing our Hikari Siphon Table.

Before using, please read carefully and understand this manual.

The manual must be kept within close reach whenever you need.

Safety Concerns

- Before using, please read "Safety Concerns" carefully and use the machine appropriately.
- The items below are serious matter so please make sure to follow them.
- After reading, please keep the manual in an accessible place so any users can read it in case they need it. Take good care of it.

 Warning	The matter that have possibility to cause death / serious injury result from incorrect usage.
 Caution	The matter that have possibility to cause injury / damage result from incorrect use.


Pictorial indication examples




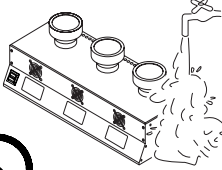

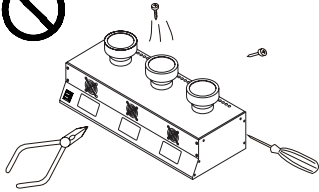



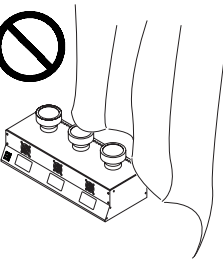

This kind of picture indicates prohibited acts.



This kind of picture indicates obligation / instruction imposed to the users.



Warnings

<div style="display: flex; align-items: center; margin-bottom: 15px;">   </div> <ul style="list-style-type: none"> ● Do not submerge It may cause electric shock / machine trouble. <p>Do not use at water place</p>	<div style="display: flex; align-items: center; margin-bottom: 15px;">   </div> <ul style="list-style-type: none"> ● Never remove / modify / repair the equipment / components It may cause an electric shock / fire / injury. Contact an authorized shop where you purchased the machine when it is broken.
<div style="display: flex; align-items: center; margin-bottom: 15px;">  </div> <ul style="list-style-type: none"> ● Do not use in the room temperature of above 40 degrees Celsius It makes an electric connection worse and may cause an electrical shock / fire. 	<div style="display: flex; align-items: center; margin-bottom: 15px;">  </div> <ul style="list-style-type: none"> ● If you find dust on the plug socket / outlet please wipe it to remove before using. It causes fire.
<div style="display: flex; align-items: center; margin-bottom: 15px;">   </div> <ul style="list-style-type: none"> ● Do not put burnable materials (such as curtains and newspapers) close to the equipment. It may cause fire. 	<div style="display: flex; align-items: center; margin-bottom: 15px;">  </div> <ul style="list-style-type: none"> ● Make sure to connect the earth wire If not, it may cause machine trouble or eclectic shock because of an earth leakage.

Cautions



- **When you pull the cord out of the wall, do not pull the cord itself but make sure to pull the acral plug.**

If not, it may cause fire because of electrification / short circuit.



- **Do not use the machine if you find damage / looseness of the power supply cord / plug.**

It may cause fire because of electrification / short circuit.



- **Press buttons with your finger tips**

If not, it may cause machine trouble.



- **To connect multiple appliances to one electrical outlet is prohibited.**

If you connect multiple appliances to one electrical outlet, it may cause fire because of an abnormal heat evolution.



- **Do not break / damage / change/ bend high-handedly / pull / twist / bind the cord.**

It may cause fire because of electrification / short circuit.



- **Do not look at the halogen lamp straightly**

It may damage your eye(s).



Don't touch

- **Do not touch the glass / lamp fittings during or just after usage**

It may cause burn injury.



- **Make sure to connect an appropriate electrical power supply according to the machine specifications.**

If not, it may cause electrification / fire.

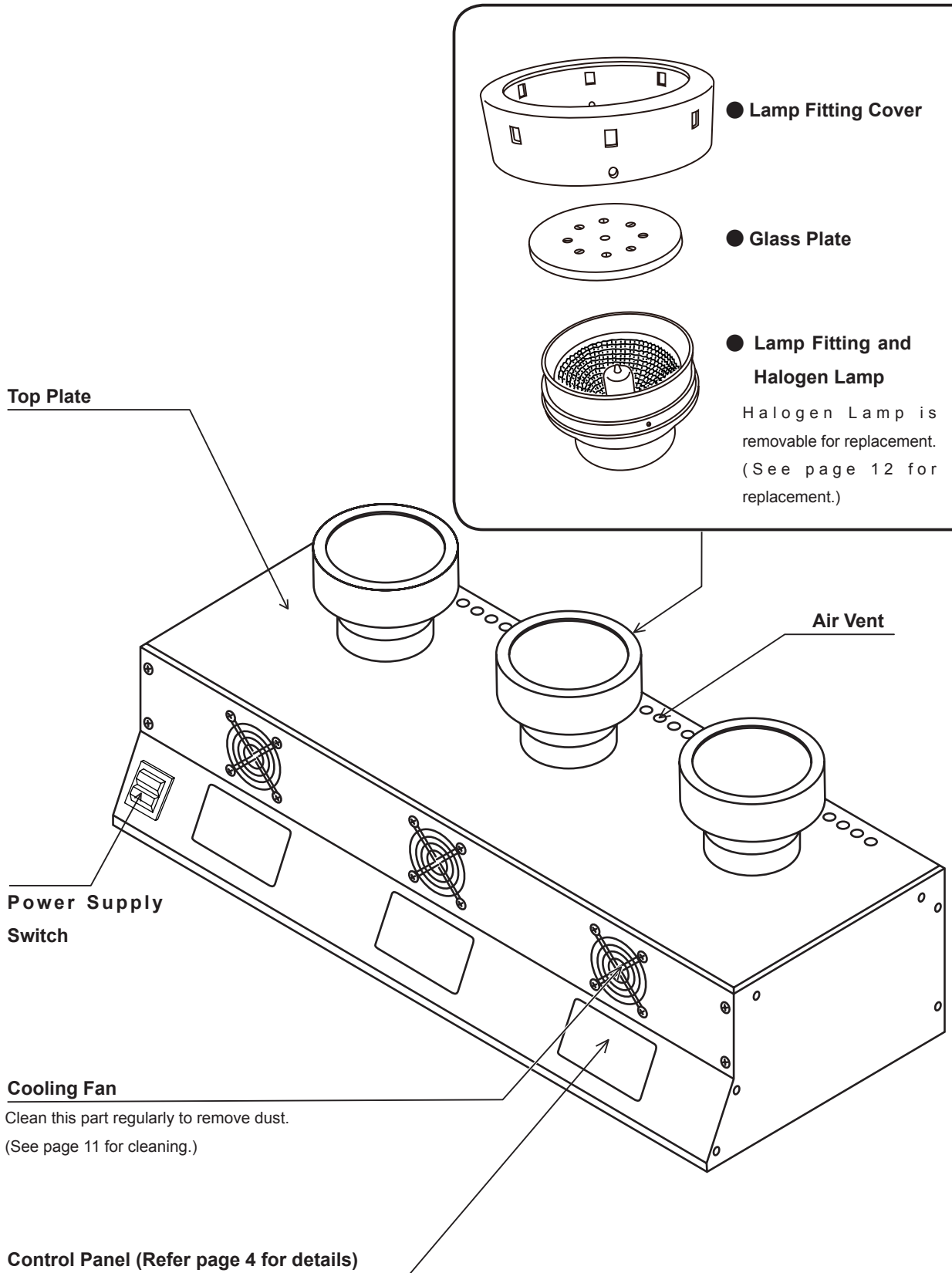


- **Make sure to connect the machine to an appropriate power supply, which is wired appropriately**

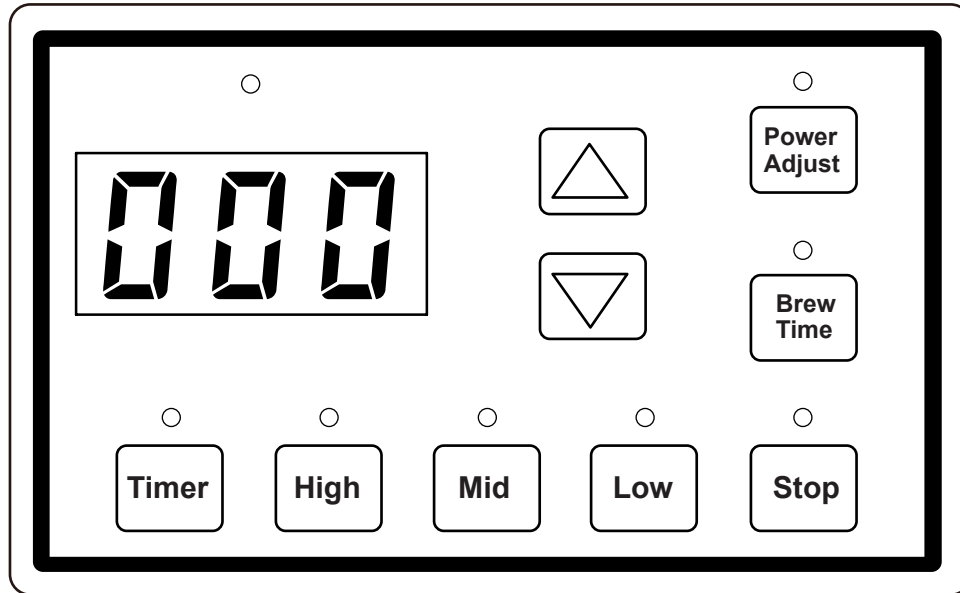
If not, it may cause the circuit breaker to be thrown, or any other possible problems.








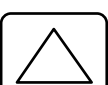
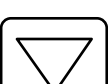
Components

Body



Control Panel



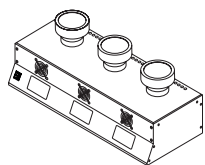
	Timer button	<ul style="list-style-type: none"> • It starts timer-counting.
	High button	<ul style="list-style-type: none"> • It activates the max-power for up to 8 minutes.
	Mid button	<ul style="list-style-type: none"> • This button is used when brewing. It is used also when setting a brewing time / output power.
	Low button	<ul style="list-style-type: none"> • It keeps coffee warm. It is used also when setting output power of heat retention.
	Stop button	<ul style="list-style-type: none"> • It stops the machine.
	Brew Time button	<ul style="list-style-type: none"> • It is used when setting brew time.
	Power Adjust button	<ul style="list-style-type: none"> • It is used when setting the output power of flask → brewing / heat retention.
	△ / ▽ buttons	<ul style="list-style-type: none"> • They are used when increasing / decreasing parameters.
		

Operations

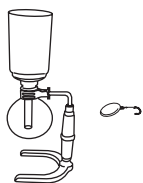
Coffee Brewing 1

- Read carefully and understand process of operation before brewing coffee.

Preparations



Hikari Siphon Table



siphon assembly



bamboo spatula

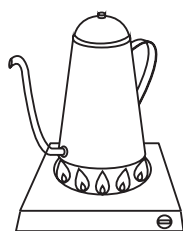


hot water



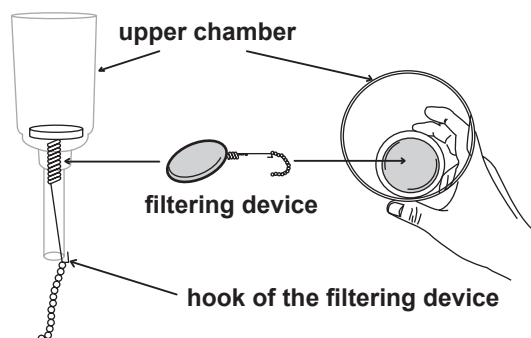
ground coffee

Before brewing



- Boil water for brewing coffee.

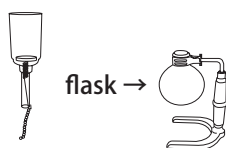
The water can be boiled by Hikari Siphon Table itself, but it takes time. It is better to boil the water by using other equipment such as gas burner.



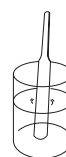
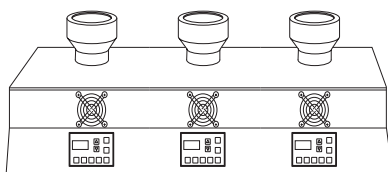
- Fix the filtering device to the upper chamber.

Hook the filtering device to the end of upper chamber. Place the filter in the center of the chamber by using bamboo spatula.

Preparing for brewing



flask →



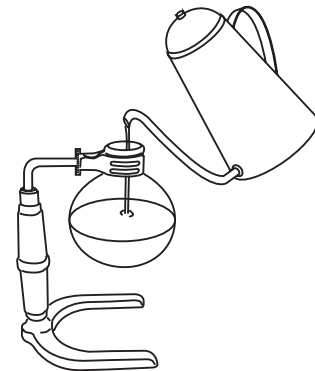
- Fix the filtering device to the upper chamber, and keep it separately from flask.
- Immerse a bamboo spatula into water.
- Keep the water to be boiled.

Coffee Brewing 2

1 Pour boiled water into the flask.

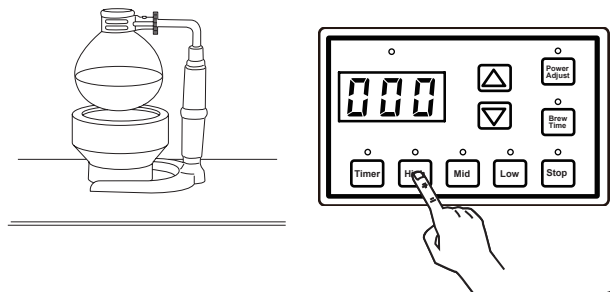
Recommended quantity of water for a cup is 160cc (only as a suggestion).

It should consider not only cup size, but also volume that will be merged by ground coffee.



2 Place the flask above the heater, and press the High button.

※ Do not press the High button before placing the flask.



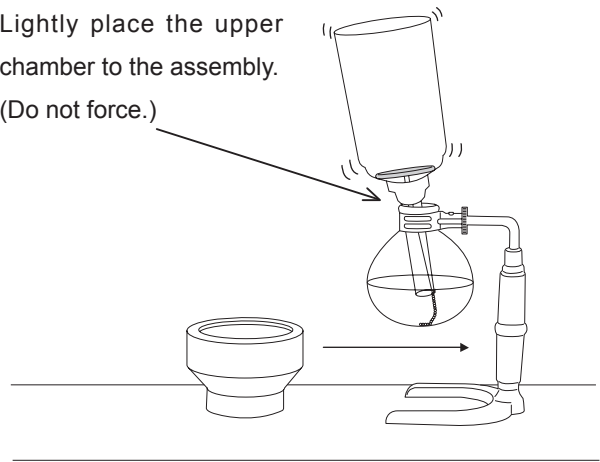
3 Remove the flask from the heater, then lightly place the upper chamber into the assembly.

! Be careful about hot water that might be bubbled over

Hot water in the flask might be bubbled over. In order to avoid it place the upper chamber to the assembly very gently.

Upper chamber should be lightly placed. At this stage, it should not be forced. After placing the upper chamber on the assembly, place the flask again onto the heat source.

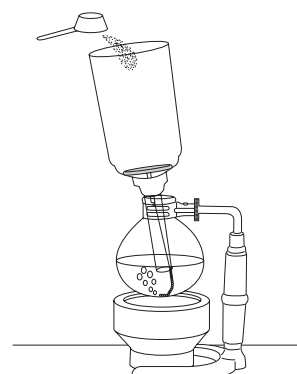
Lightly place the upper chamber to the assembly.
(Do not force.)



4 Insert ground coffee into the upper chamber when water in the flask is boiling.

If you see bubbles in the flask it means water is boiling.

Recommended coarseness / amount of coffee for a cup are medium-coarse / 15g. (15 g is only as a suggestion).



Operations

Coffee Brewing 3

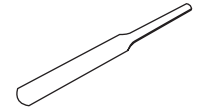
- 5** After inserting ground coffee to the upper chamber, gently push the upper chamber to fasten it to the flask.

After fastening the upper chamber to the flask, hot water in the flask goes up to the upper chamber. Prepare to stir the liquid of the upper chamber by using bamboo spatula.

Fasten it to the flask

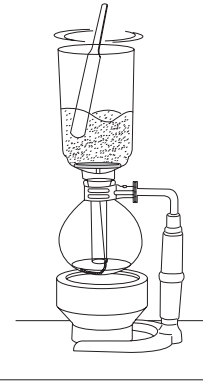


To stir liquid, prepare bamboo spatula.



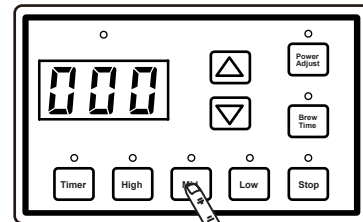
- 6** Start to stir liquid of the upper chamber just before the hot water completely goes up.

※ Stir the liquid so that the hot water and ground coffee are blended well.



- 7** Press the Mid button immediately after you stir the liquid.

By pressing the Mid button, display monitor starts counting the seconds.

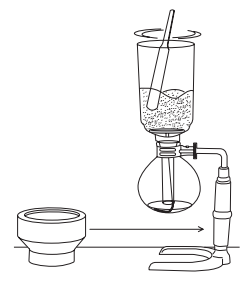
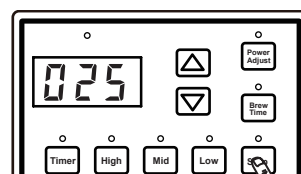


- 8** When 25 seconds elapsed, press the Stop button and remove the flask from the heater, then stir again the liquid.

When you see monitor of control panel shows 025, press the Stop button.

(25 seconds is only as a guide.)

※ By setting the brewing time it is possible to stop brewing automatically. (See page 8 for setting the brewing time.)

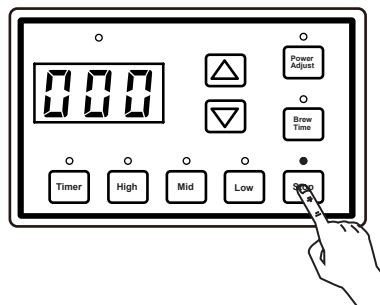


Setting Brew Time

- By setting the brew time, machine stops brewing automatically without pressing the Stop button. A default setting of brew time is 100 seconds.

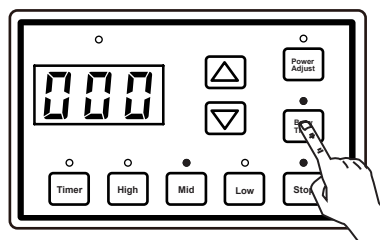
1 Press the Stop button.

Make sure that a LED light located above the Stop button is lighting-up.



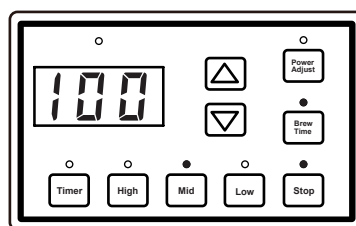
2 Press the Brew Time button.

Make sure that a LID light located above the Brew Time button is lighting up.



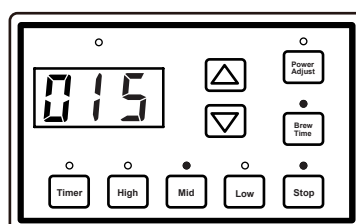
3 Choose a desired number of seconds by using the buttons.

You can choose it within the range of 1 to 999 seconds.



A default setting is 100 seconds.

4 After choosing the desired number of seconds, press the Stop button to set the time.



If you press the Stop button when display shows "15", the brewing time is set to 15 seconds.

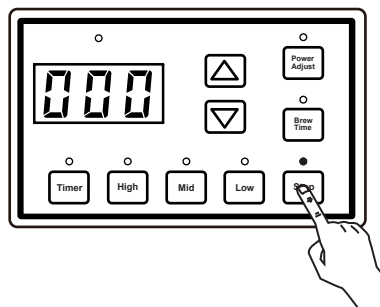
Operations

Output Power of Brewing

- You can set an output power of brewing. A default setting is 70.

1 Press the Stop button.

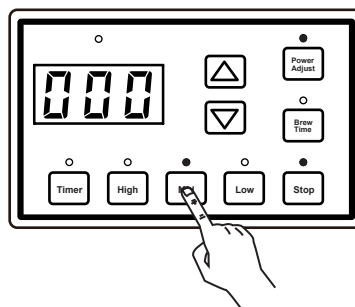
Make sure that a LED light located above the Stop button is lighting-up.



2 Press the Power Adjust button.

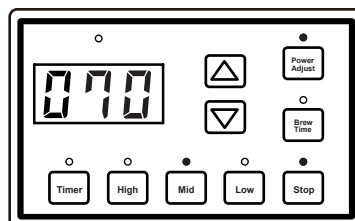
3 Press the Mid button.

Make sure that a LID light located above the Mid button is lighting up.



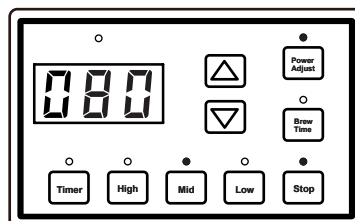
4 Choose a desired parameter by using the buttons.

You can choose it within the range of 15 to 99. Parameters between 70 and 80 are recommended. If the power is lower, coffee might drop to the flask.



A default setting is 70.

5 After fastening the upper chamber to the flask, hot water in the flask goes up to the upper chamber. Prepare to stir the liquid of the upper chamber by using bamboo spatula.



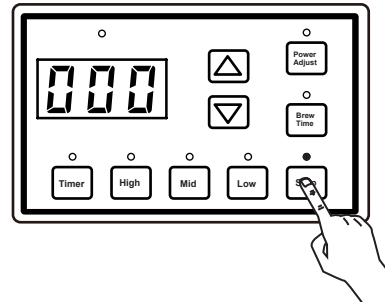
If you press the Stop button when display shows "80", the output power is set to 80.

Output Power of Heat Retention

- You can set an output power of heat retention. A default setting is 50.

1 Press the Stop button.

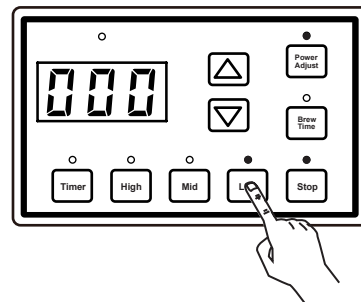
Make sure that a LED light located above the Stop button is lighting-up.



2 Press Power Adjust button.

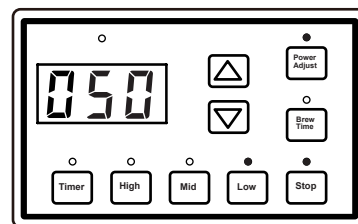
3 Press the Low button.

After fastening the upper chamber to the flask, hot water in the flask goes up to the upper chamber. Prepare to stir the liquid of the upper chamber by using bamboo spatula.



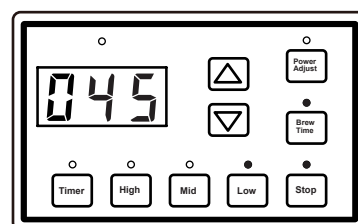
4 Choose a desired parameter by using the buttons.

You can choose it within the range of 15 to 60.



A default setting is 50.

5 After choosing the desired parameter press the Stop button to set the output power.



If you press the Stop button when display shows "45", the output power is set to 45.

Maintenances

How to Clean Each Component

- Make sure to perform cleaning appropriately.
- Before cleaning, make sure to disconnect the plug, and wait until the machine cools down.
- Take extra care of your fingers when cleaning the components.

※ Daily cleaning

Wipe the top plate

Remove dust / coffee residue from the top plate and side surfaces by using soft cloth.

※ Daily cleaning

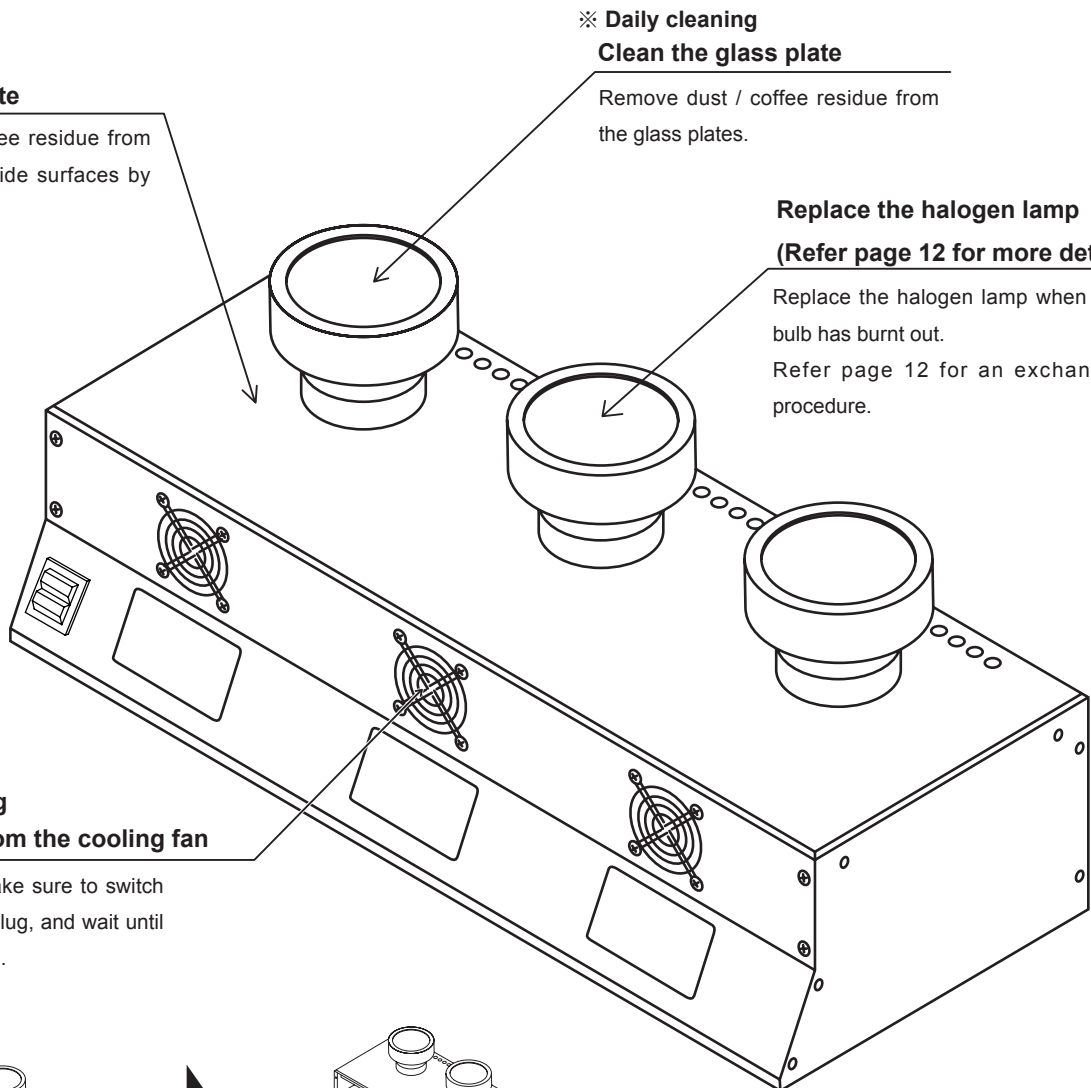
Clean the glass plate

Remove dust / coffee residue from the glass plates.

Replace the halogen lamp

(Refer page 12 for more details.)

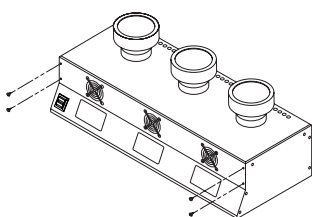
Replace the halogen lamp when its bulb has burnt out. Refer page 12 for an exchange procedure.



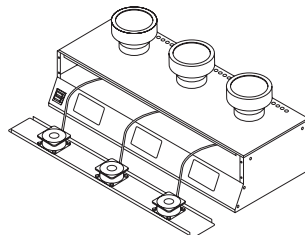
※ Weekly cleaning

Remove dust from the cooling fan

Before cleaning, make sure to switch off, disconnect the plug, and wait until machine cools down.



By using a cross slot screwdriver, unscrew the 4 screws of front plate, which contains the cooling fans.




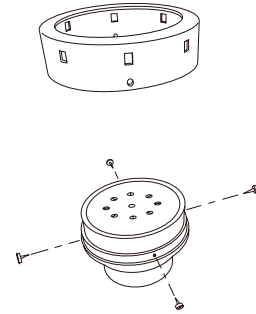
By pulling out the front plate, you can easily clean the cooling fans. You can use a cotton-tipped swab to remove dust.

After cleaning assemble the top plate and fix the 4 screws.

How to Replace Halogen Lamps


- 1** Unscrew the 4 screws located in the lamp fitting cover.

 Pay attention to the screws as you may lose them. If not, they might fall into the air vent.



- 2** Remove the glass plate from the lamp fitting.

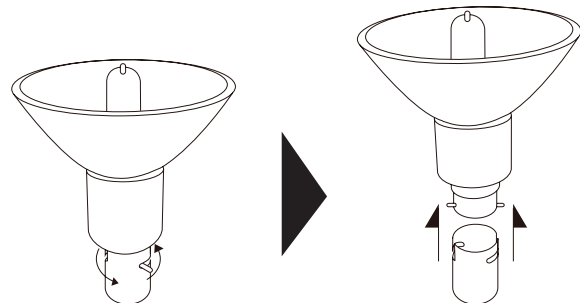
Pay attention to the screws as you may lose them. If not, they might fall into the air vent.

 Do not use any tool to remove the glass plate.
It may break the glass, or cause water leakage.

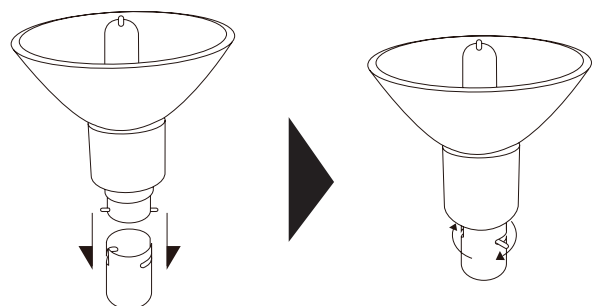


- 3** Push the halogen lamp into the lamp fitting, and rotate it in a counterclockwise direction.

Now you can detach the halogen lamp.



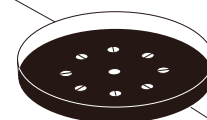
- 4** Insert the new halogen lamp into a dent of the lamp fitting, and push and rotate it in clockwise direction.



- 5** Finally, assemble the glass plate and the lamp fitting.

Make sure an impression face of the glass plate should be inner side.

Outer side



Inner side

Solutions

Problems

Possible causes and Solutions.

Machine does not turn on

- Check the power plug as it might be not connected to the electric network.
- Ask an appliance shop to check whether a capacitance at the location is enough.

Water in the flask can not be heated / boiled

- Check the halogen lamp as the bulb may have burnt out. Change it to the new one if necessary (refer page 12).
- Contact the distribution outlet where you have purchased the machine as the main electronic board might be defective.
- Contact the distribution outlet where you have purchased the machine as a display electronic board might be defective.

Hot water in the upper chamber drips down to the flask when brewing.

- Check the output power of brewing as it might be too small. Recommended parameter of the power is 70 - 80. Change the output power to 70 - 80. (Refer page 9.)

Coffee temperature goes down during the heat retention time.

- Check the output power of heat retention as it might be too small. Increase the output power by reference to page 10.

Machine body becomes hot abnormally

- Contact the distribution outlet where you have purchased the machine as cooling fans might be defective.
- Clean the cooling fans if it is dirty. (Refer page 11.)

The circuit breaker is thrown frequently.

- Ask an appliance shop to check whether the power distribution work has done appropriately.
- Ask an electric shop for checking whether a capacitance of power supply code might is enough or not.
- Make sure not to connect multiple appliances to one electrical outlet.

Power supply code becomes abnormally hot.

- Ask an electric shop for checking whether the power distribution work has done appropriately.

Specification

Product Name	Hikari Siphon Table
Model Number	HST-103
Rated Voltage	AC120V
Power Consumption	1050W
Heat Source	Halogen Lamp
Dimensions	W650×D265×H246mm
Weight	approximately 12.6kg
Length of power supply code	2m