Instruction Manual

Model TYH-51TYPE Model TYH-81TYPE



Thank you for your purchasing our product.

It is important that you study this instruction manual carefully to make the most of the product. Keep this manual as well as the warranty card in safety.

TOYO

- Always seek for professional medical or pharmaceutical advice before taking medication with ionized water.

 (If you are on cordial diuretic such as digitalis for heart and kidney disease, do not take alkaline ionic water.)
- ② Seek for professional medical or pharmaceutical advice if any physical abnormality is felt as a result of drinking the water.
- ③ To take alkaline ionic water, start with the pH as low as pH7.5 8. (For measuring pH, refer to P.5)
- 4 Do not take alkaline ionic water if you are suffering from anachlorhydria (too little acid in the stomach)
- 5 Do not take acidic water.
- 6 Do not use hot water.
- ⑦ Call the shop you bought the TYH-51/ TYH-81 from. Do not attempt to fix it yourself.
- ® No modification is permitted.
- Do not use organic solvents such as benzine or thinner to clean the electrolytic cell and storage cell.
- ① Do not unplug the TYH-51/TYH-81 while in operation.

Alkaline ionic water can be used in many ways

- •With its acidity control effects, it alleviates people suffering from mal-digestion, stomach and intestine abnormal fermentation, chronic diarrhea, or gastric hyperacidity. Daily intake of 150 300cc of alkaline ionic water of about pH9 is normally recommended (starting first with the pH Selector Switch set to [1] (pH7.5 8) then gradually up to the recommended pH9).
- Brings out natural savory color and flavor of your coffee, tea or green tea like no other.
- Makes whisky, brandy, or any alcoholic beverage less acidic on the rock, giving it soft and mild flavor.
- Brings out the natural taste like you have never known before of the foodstuff you cook.
- And washed with alkaline ionic water, your rice cooks, looks and tastes like never before.
- Warning: The life of water purifying cartridge varies significantly with the tap water quality.

Acidic ionic water can be used as follows

- As astringent that braces your skin to enhance its health and beauty.
- And placed in acidic ionic water, your cut flowers will last longer.

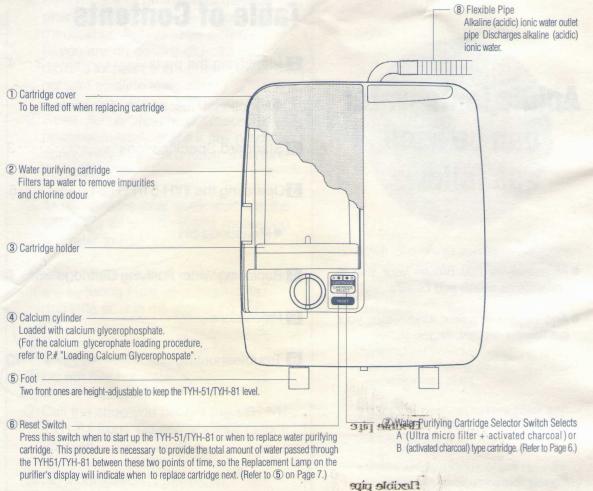
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. Standard Specifications



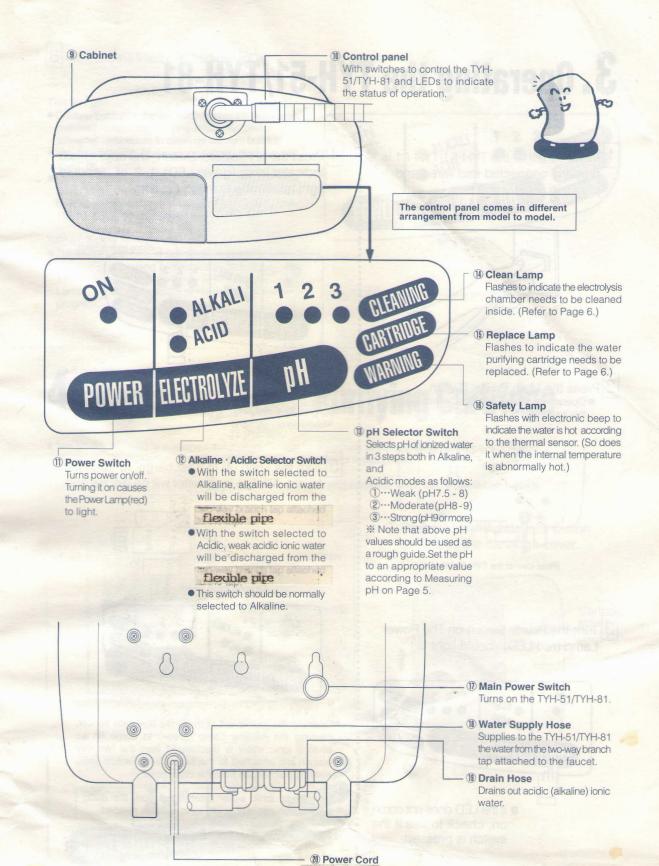
1. Identifying the parts



2. Standard Specifications

Model No.	TUH-51	TYH-81	Model No.		TUH-51	TYH-81
Rated voltage	120V/AC			Filter material		ar activated charcoal, ical filter
					Approx. 10,000 lit	Approx. 12,000 li
Rated current	1.3AVAC		Water Life		The amount of water concentration reach initial residual chlori	es 0.4ppm, given the
Rated frequency	50/60Hz		purifying cartridge		1ppm. * The water purifying cartridge life r be significantly shortened depending the water quality.	
Power consumption	120W			Substance to be removed	Residual chlorin	ne, odor, red rust
				Substance that cannot be	salt, metal ions disso	olved in original water
Weight	5.2kg			Power cord	2.2	2 m
Dimensions	307 (H) x 244 (W) x 130.5(mm)			Hoses	1.5r	n x 2
	Throughput (water pressure 3.4kg/cm²) 3.4kg/cm²)			Type approval	No. 9.1	-46326
Throughput			I Med	ical equipment production approval	No. 0	5B519

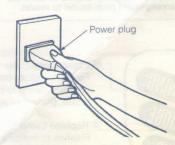
Specifications subject to change



AC120V 50/60Hz household

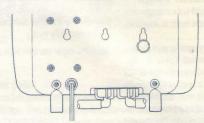
3. Operating the TYH-51/TYH-81

1 Make sure that the TYH-51/TYH-81 is properly connected and wired and plug it in.



Press the Main Power Switch.

Operate the TYH-51/TYH-81 normally with this switch on.

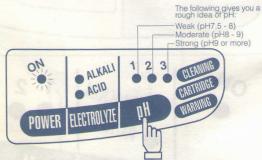


(Rear view of the TYH-51/TYH-81)

Turn the Power Switch on The Power Lamp (red LED) should light.



 If the LED does not come on, check to see if the switch is pressed. Press the pH Selector Switch. The appropriate indicator lamp (green LED), 1, 2, or, 3 should light according to the pH setting.



• The pH of the water varies with the tap water quality and the amount of water being discharged. Alkaline water increases in pH with a decreasing amount being discharged, and vice versa. Use the pH Selector Switch and adjust the amount of water to set the pH to appropriate value between pH7.5 - pH9 according to "Measuring pH" (At right)

With the level on the branch tap with shower set to (Aurified Water), turn on the tap water faccet





Opening the faucet will activate the flow rate sensor, causing the Alkaline Lamp (green) to come on as alkaline ionic water is discharged from the lexible pipe while acidic ionic water is discharged from the drain hose.

Use acidic ionic water discharged from the drain hose if high acidity acidic ionic water is needed.

*Perform 3-5 above in normal operation.

6 Cleaning the Interior of Electrolysis Cell

TYH-51 Type

- Calcium buildup on the electrodes inside the electrolysis cell may reduce the ionizing ability. So perform the following procedure to clean up calcium buildup.
- The Clean Lamp flashes to warn you that the cell must be cleaned.
- Press the Electrolysis Switch to select "Acidity" and allow water to run through the TYH-51/TYH-81. The calcium buildup on the electrodes will be removed completely. The Clean Lamp will turn off.

TYH-81 Type

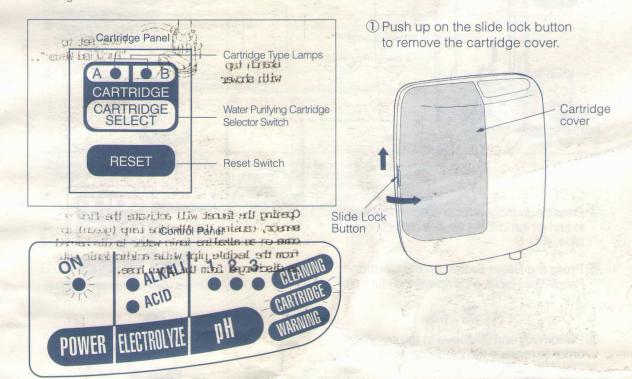
 The TYH-81, capable of self-cleaning, does not require any manual cleaning procedure as required for the TYH-51 above. When cleaning is required, the Clean Lamp flashes with beeps while self-cleaning is in progress.



CAUTION Do not drink water used for cleaning.

4. Replacing Water Purifying Cartridge

- The TYH-51/TYH-81 is equipped with B type (activated charcoal) water purifying cartridge. But A type (Ultra micro filter+activated charcoal) is optionally available as replacement.
- Perform the following precedure to replace the water purifying cartridge when the Replace Lamp starts flashing:

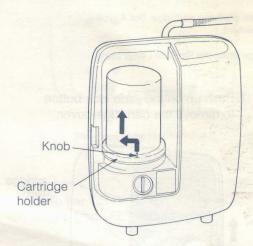


- To shut off the TYH-51/TYH-81, turn the Power Switch off.
- The Power Lamp (red) will turn off.
- 8 Replace Lamp
- This lamp flashes to indicate the water purifying cartridge must be replaced.
- % The end of cartridge service life will be accurately calculated on the basis of the amount of water filtered.

- 9 The TYH-51/TYH-81 can be used as a water purifier as well.
- To use the TYH-51/TYH-81 as a water purifier, turn the water on with the TYH-51/TYH-81 switched off.

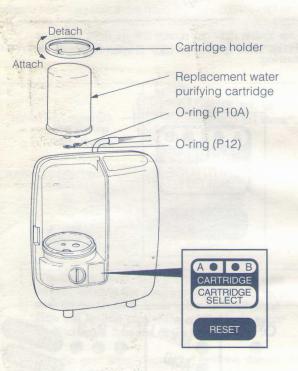


2 Turn the cartridge holder knob counterclockwise and lift the water purifying cartridge up. It will come off.

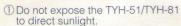


- Press the cartridge selector switch if necessary to turn on the LED for the selected cartridge type, A or B.
- (5) Press the Reset Switch on the Cartridge Panel. The Replace Lamp will then turn off.
- 6 Perform 1 and 2 above in the reversed order to replace the cartridge cover.

3 Attach the two-supplied O-rings to the replacement water purifying cartridge as shown in the figure below. (Do not use the old O-rings.)



5. Precautions





4 Do not leave the drain hose lifted up when finishing operation. Otherwise there

would be no automatic draining.

① Do not leave any object on the TYH-51/TYH-81



10 Salt water or extremely hard water may damage the interior of the TYH-51/TYH-81 and may significantly shorten its life.



12 Make sure that water does not run hotter than 30 C



① Do not attempt to modify the TYH-51/TYH-81.



② Do not clean the TYH-51/TYH-81 with thinner, benzine, cleanser, or any chlorine-based detergent.



5 Keep the TYH-51/TYH-81 from any



8 Do not use a damaged power cord.

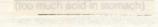


① • Do not take alkaline ionic water within

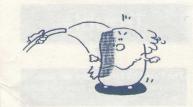
1 hour of taking medicine if you are on medication.

•Do not take alkaline ionic water if you are on jigitalis for cardiatic or kidney

Do not take alkaline ionic water if you have anachlorhydria



③Keep the TYH-51/TYH-81 dry.



6 Do not keep pet fish in ionic water.



Be extremely careful if you have extremely young or old persons have access to the TYH-51/TYH-81.

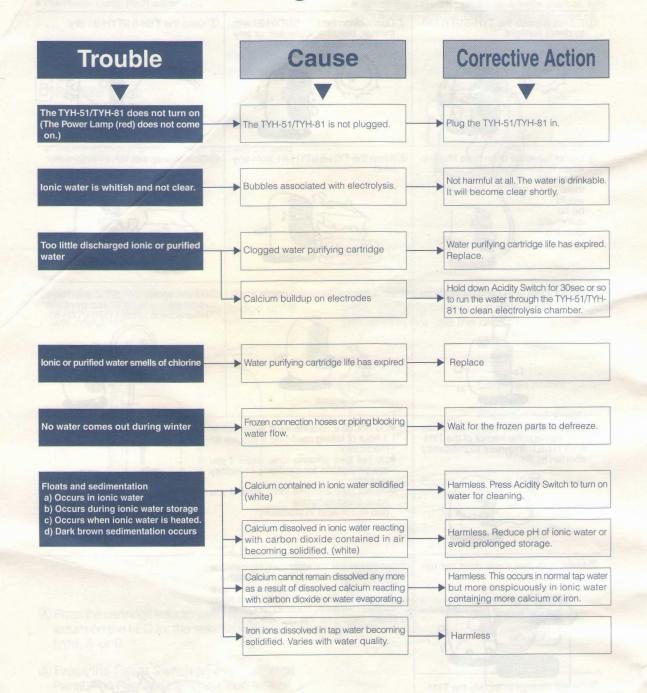


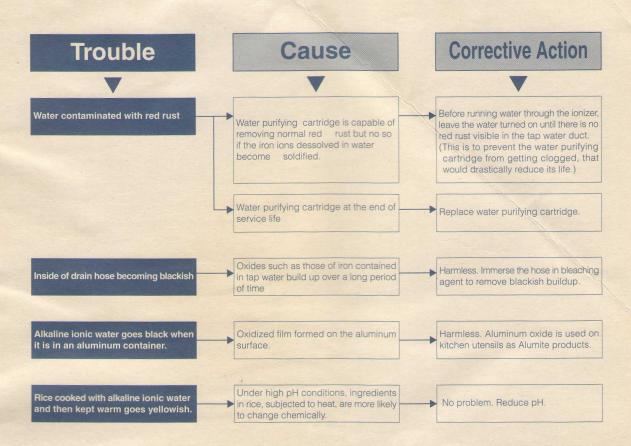
(13) Remember that the water purifying cartridge may get frozen in cold climate or weather. When to shut down the ionizer, remove the water purifying cartridge and keep it so that it will not be frozen. Do not press the Reset switch for this procedure.



Chlorine removal capacity and pH may vary slightly from region to region.
 This product is applicable to potable tap water as specified in "Tap Water Law"

6. Troubleshooting





• For more, contact the dealer your purchased the product from. And DO NOT attempt to fix it yourself.

