



Operator's Manual

Hybrid Atomic Energy Generator

Model STF-V11



WARNING: Carefully read and understand all instructions, indications, warnings, and cautions in this operator's manual prior to using the Hybrid Atomic Energy Generator. Failure to do so could result in compromised patient safety, patient complications and/or insufficient treatment.



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Chapter 1 - About the Hybrid Atomic Energy Generator

Overview

This chapter contains information about the Hybrid Atomic Energy Generator including safety. Please make sure you read this entire instruction manual prior to using the Hybrid Atomic Energy Generator.

1.1 Trademark and Copyright Information

SEERS is a registered trademark of the Seers Berhad.

1.2 Contact Information



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1.3 Indications for Use/Intended Use and Contraindications

Hybrid Atomic Energy Generator is an enriched antioxidant water generator that produces a hybrid of low-frequency and monocular hydrogen-rich water that offers a wide range of health benefits that starts from the cellular level. It is suitable to use for domestic, commercial and medical field. Refer to the instruction for use for the Hybrid Atomic Energy Generator for the indication for use / intended use and contraindications.

1.4 Product Description

Hybrid Atomic Energy Generator is a machine that generates enriched antioxidant of dissolved molecular hydrogen (H₂) content and low frequency resonated (7.6 Hz) water after 30 minutes of processing from filtered drinkable water. Hybrid Atomic Energy Generator also has the heating capability of selectable temperatures from 45°C, 55°C, 65°C, 75°C, 85°C to 100°C. Besides that, Hybrid Atomic Energy Generator provides other safety features like child lock function and water volume controlled functions to further enhance user's convenience. The main aim of Hybrid Atomic Energy Generator is to provide health benefit like antioxidant to battle off oxidative stressed cells from causing numerous distressed and deficiency of organs functions.

1.5 Safety

This section contains important safety information. Seers Berhad requires that you read and understand all warnings, cautions, and the operator's manual prior to using the Hybrid Atomic Energy Generator.

1.5.1 Warnings and Cautions

The symbol and signal words shown below identify potential hazard categories. The definition of each category is as follows:



WARNING

This alert identifies hazards that may cause serious personal injury or death.



CAUTION

This alert identifies hazards that may cause minor personal injury, product damage, or property damage.

1.5.1.1 WARNINGS

- WARNING:** A protective ground connection by way of the grounding conductor in the power cord is essential for safe operation. To avoid electrical shock, plug the power cord into a properly wired receptacle, use only the power cord supplied with the generator, and make sure the power cord is in good condition.
- WARNING:** After visual inspection, if the generator is damaged or a message is indicated to not use the generator, please contact Customer Service and take the generator out of service.
- WARNING:** Before conducting maintenance work, turn the power off and unplug the power cord from the outlet to prevent electric shock.
- WARNING:** Do not modify this equipment without authorization of Seers Berhad.
- WARNING:** Carefully read and understand all instructions, indications, warnings, and cautions in this operator's manual prior to using the Hybrid Atomic Energy Generator. Failure to do so could result in insufficient treatment.
- WARNING:** Do not connect a grounding wire from a grounding stud to a gas pipe or water pipe.
- WARNING:** Do not plug power cord into an outlet (or unplug it) with wet hands.
- WARNING:** Do not submerge the device in liquids or pour cleaning liquids over, into or onto the generator.
- WARNING:** Do not use the generator if it is damaged, is not functioning properly, or fails to meet an electrical safety check. Notify the appropriate personnel to ensure the generator is removed from service and properly repaired.
- WARNING:** Do not use mineral water, Alkaline water, tap water and raw water for the purpose.
- WARNING:** Failure on the part of all responsible individuals, hospitals, or institutions, employing the use of Hybrid Atomic Energy Generator, to implement the recommended maintenance schedule may cause equipment failure. The manufacturer does not, in any manner, assume the responsibility for performing the recommended maintenance schedule. The sole responsibility rests with the individuals, hospitals, or institutions utilizing the Hybrid Atomic Energy Generator.

WARNINGS CONTINUED

- WARNING:** If a critical error message is displayed, take the generator out of service and call Seers Berhad Customer Service. Do not attempt to service or maintain the generator while in use.
- WARNING:** If the generator measurement readings or messages seem dubious or abnormal, stop using the generator.
- WARNING:** In the event of power failure, the generator will automatically shut off. Unplug the power supply.
- WARNING:** No modification of this equipment is allowed. Do not attempt to service or maintain the generator while in use.
- WARNING:** RF Interference -Known RF sources, such as cell phones, may cause unexpected or adverse operation of this generator.
- WARNING:** Electrical Shock Hazard - Do not open, disassemble, or alter the Hybrid Atomic Energy Generator! Failure to observe this warning can result in personal injury or death. Refer maintenance issues to authorized service personnel.
- WARNING:** To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.
- WARNING:** Use a grounded AC outlet for the power supply and ground this generator.
- WARNING:** Use only Seers Berhad approved and specified parts, accessories, optional parts, consumables, and components.
- WARNING:** Use only Seers Berhad specified power cord.
- WARNING:** Use with the specified AC voltage and frequency.

1.5.1.2 CAUTIONS

- CAUTION:** After cleaning, allow complete drying before plugging into an outlet.
- CAUTION:** Before conducting maintenance work, turn the power OFF and unplug the power cord from the outlet to prevent electric shock.

CAUTIONS CONTINUED

CAUTION: Do not install this generator in the following locations:

- Locations where gases and flames are used
- Locations where the air includes dust, salt, or sulfur
- Locations exposed to prolonged direct sunlight
- Locations that vibrate or are subject to sharp impacts
- Locations near heating equipment
- Locations where chemicals are stored

CAUTION: Do not place anything on this generator.

CAUTION: Do not soak the generator or accessories in any medical liquid.

CAUTION: Exposing the Hybrid Atomic Energy Generator to extreme environmental conditions outside of its specified parameters may compromise the ability of the Hybrid Atomic Energy Generator to function properly.

CAUTION: Input voltage range is 220 to 240VAC at 50/60 Hertz. Verify this voltage matches that of the power outlet.

CAUTION: The Hybrid Atomic Energy generator conforms to the requirements of the EMC standards (IEC 60601-1-2012)

CAUTION: The Hybrid Atomic Energy Generator is intended to be used indoors at a medical facility or physician office environment.

CAUTION: To prevent damage to equipment, do not clean any part of the generator with phenolic compounds. Do not use abrasive or flammable cleaning agents. Do not steam, autoclave, or gas-sterilize the generator.

CAUTION: Use of portable and mobile RF communications equipment near the Hybrid Atomic Energy Generator may affect its operation.








CAUTION: When any of the following occur, turn the power off and unplug the power cord from the outlet.

- There is smoke or a strange odor leaking out of the generator.
- The generator has been dropped or impacted by an object.
- Liquid or foreign matter gets inside the generator.
- If you think the generator may have been damaged.







1.5.2 Symbols

The following symbols may appear in this manual, on the generator labeling and/or packaging. Some of the symbols represent standards and compliances associated with the generator and its use.

1.5.2.1 Generator Symbols

Symbol	Description of the Symbol
	Indicates a medical device that can be broken or damaged if not handled carefully. The generator package should be handled carefully and should never be tipped over or slung
	Indicates a medical device that needs to be protected from moisture. The generator package must be protected from excessive humidity and must accordingly be stored under cover.
	Indicates the medical device manufacturer.
IPx0	Protection against Ingress of Solids and Liquids
	Must refer to operation manual before use.
	This symbol indicates that the waste of electrical and electronic equipment must not be disposed as unsorted municipal waste and must be collected separately. Please contact an authorized representative of the manufacturer for information concerning the decommissioning of your equipment.
	Indicates the need for the user to consult the instructions for use for important cautionary information such as warnings and precautions that cannot, for a variety of reasons, be presented on the medical device itself.
	Be careful of hot water.

1.5.2.2 User Interface Symbols

Symbol	Description of the Symbol
 LOCK	Press 3 seconds to unlock, Hot Water Dispenser will be automatic locked within 10 seconds.
 °C	Desired temperature at 45°C,55°C,65°C,75°C,85°C,100°C. Note: Code will be 000 (normal temperature water)
 LITRE	100ml, 200ml, 300ml. Note: 000(continuously flow)
 ENTER	Start and stop function setting
 Resonate	To press and activate resonate function where fresh drinking water is added. Duration 30 minutes.
 Hydrogen	To press and activate Hydrogenator function where fresh drinking water is added. Duration 30 minutes.

1.6 Operator Training Requirements

WARNING: The generator is not intended to be deployed in settings or situations that promote use by untrained personnel.

Persons authorized to operate the generator must have all the following minimum training.

- Training on operation and use of the generator.
- A thorough understanding of the procedures in this manual.

Chapter 2 – Getting Started

Overview

This chapter contains information on how to get started with your Hybrid Atomic Energy Generator.

2.1 Unpacking and Inspecting

CAUTION: Please use caution in opening the shipping box and try not to use sharp utility knives and such, as you risk cutting into yourself and/or product.

Every attempt is made to ensure your order is accurate and complete. However, to be sure that your order is correct, verify the contents of the box against your packing slip.

The Hybrid Atomic Energy Generator is designed for simplicity of operation and set-up and requires minimal assembly. The following items are included in the Hybrid Atomic Energy Generator box:

One (1) Hybrid Atomic Energy Generator

One (1) Operator's Manual

One (1) Power cord

One (1) Water tray

One (1) Tray cover

One (1) Warranty card

One (1) Reset key

1. Carefully inspect each item as it is unpacked for any signs of damage that may have occurred during shipment.
2. Check the components according to the packing list.
3. Check for any damage or defects. Do not attempt to set up the Hybrid Atomic Energy Generator if anything is damaged or defective. Contact Customer Service immediately if anything is damaged or defective.

2.1.1 Generator Controls and Connections

WARNING: Do not connect a grounding wire from a grounding stud to a gas pipe or water pipe.

CAUTION: Using this generator with the air vent blocked could cause a breakdown. Clean this generator with care.

CAUTION: Only Seers Berhad approved equipment and accessories shall be connected to the generator.

The following figures and table explain the controls, connections, and their function.



Figure 1: Front and Top of Generator

ID	Item	Description
A	Display Screen	Display temperature reading of 45°C, 55°C, 65°C, 75°C, 85°C, 100°C
B	Spout	Water outlet
C	Reset Button	For system reset when safety trip activated, must use the reset key provided
D	Tray	Water tray
E	Lid	To close for Resonate function
F	Lock Button	Press 3 seconds to unlock, Hot Water Dispenser will be automatic locked within 10 seconds.
G	Temp. Button	Desired temperature at 45°C,55°C,65°C,75°C,85°C,100°C. Note: Code will be 000 (normal temperature water)
H	Volume Button	100ml, 200ml, 300ml. Note: 000(continuously flow)

I	Enter Button	Start and stop function setting
J	Resonate Button	To press and activate resonate function where fresh drinking water is added. Duration 30 minutes.
K	Hydrogen Button	To press and activate Hydrogenator function where fresh drinking water is added. Duration 30 minutes.

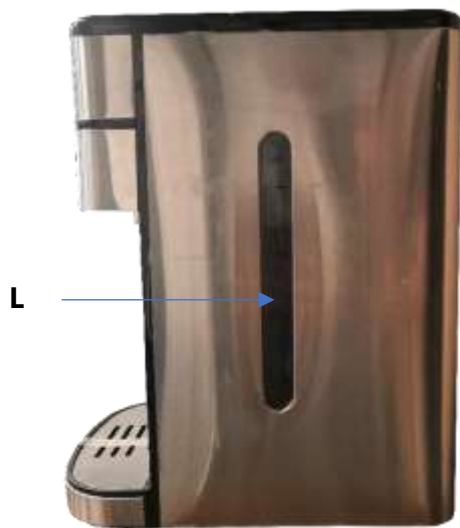


Figure 2: Side of Generator

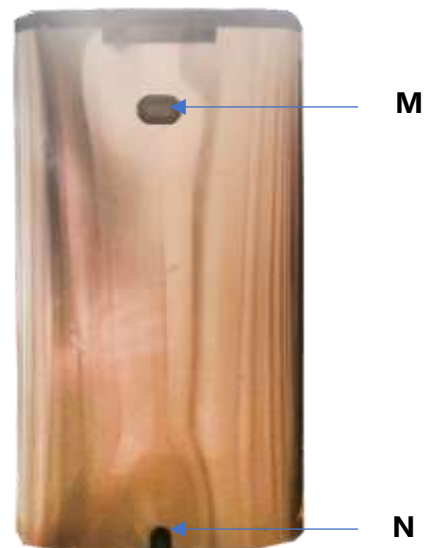


Figure 3: Back of Generator

ID	Item	Description
L	Indicator	Display water level 1Litre, 2Litre, 3Litre and 4Litre maximum
M	Window	Oxygen release
N	AC cord	Connection for electrical supply

2.1.2 Display Screen Map

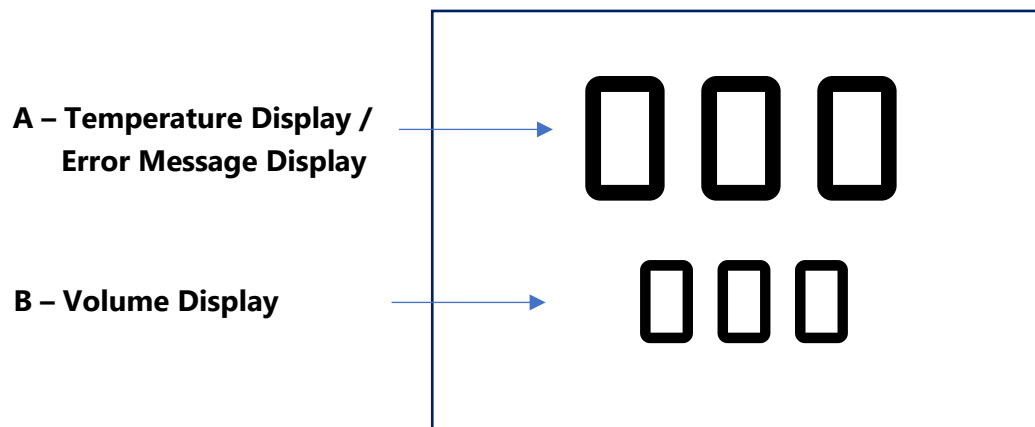
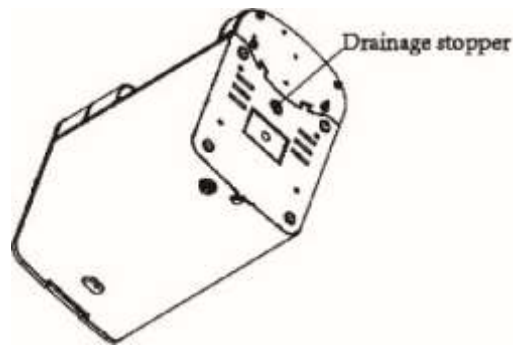


Figure 4: Display Screen Map

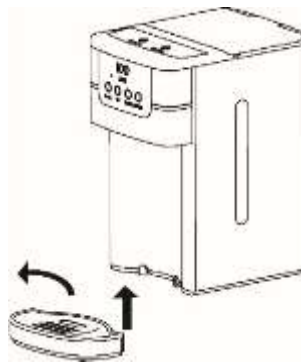
Item	Description
A – Temperature Display / Error Message Display	Temperature - 45, 55, 65, 75, 85, 100 Error Message – E1, E2, E4, E5, E7
B – Volume Display	Volume (ml) - 100, 200, 300 Continuously Flow - 000

2.1.3 Detachable Parts and Cleaning



After cleaning the appliance, open the drainage stopper in order to drain out wastewater.

Note: tighten the drainage stopper after process complete.



Dispose excess water from tray.

CAUTIONS:

1. Always fill up water to maximum level for first use after cleaning or the tank was emptied.
2. Avoid frequent activation of dry run protection. Refill water when level is low.
3. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
4. Children should be supervised to ensure that they do not play with the appliance.

Chapter 3 – Using the Hybrid Atomic Energy Generator

Overview

This chapter provides step by step instructions and sequence of operation for the Hybrid Atomic Energy Generator.

3.1 Step by Step Instructions

This section contains step by step instruction on how to connect the power cord, turn on and off the generator, prime the delivery device, perform treatment, and use the option menu.

CAUTION: Do not install this generator in the following locations:

- Locations where gases and flames are used
- Locations where the air includes dust, salt, or sulfur
- Locations exposed to prolonged direct sunlight
- Locations that vibrate or are subject to sharp impacts
- Locations near heating equipment
- Locations where chemicals are stored

CAUTION: Do not place anything on this generator.

CAUTION: The Hybrid Atomic Energy Generator is intended to be used indoors.

3.1.1 Connecting the Power Cord

WARNING: Do not plug power cord into an outlet (or unplug it) with wet hands.

WARNING: Use only Seers Berhad specified power cord.

WARNING: To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.

WARNING: A protective ground connection by way of the grounding conductor in the power cord is essential for safe operation. To avoid electrical shock, plug the power cord into a properly wired receptacle, use only the power cord supplied with the generator, and make sure the power cord is in good condition.

WARNING: Use a grounded AC outlet for the power supply and ground this generator.

WARNING: Use only Seers Berhad approved and specified parts, accessories, optional parts, consumables, and components.

WARNING: Use with the specified AC voltage and frequency.

1. Make sure that the AC outlet is properly grounded and supplies the specified voltage and frequency.

3.1.2 Turning on the Hybrid Atomic Energy Generator

DANGER: Do not take or use the device in locations where combustible or flammable gases.

CAUTION: When any of the following occur, turn the power off and unplug the power cord from the outlet.

- There is smoke or a strange odor leaking out of the generator.
- The generator has been dropped or impacted by an object.
- Liquid or foreign matter gets inside the generator.
- If you think the generator may have been damaged.

To turn ON:

1. Switch on the power supply.
2. Display screen shows all indicator.
3. 0 display on standby after filled up water.
4. Empty revoir show E7.

Chapter 4 – Maintenance and Service

Overview

Proper maintenance of the Hybrid Atomic Energy Generator is very simple, yet it is an important factor in its reliability. This section describes the maintenance and service required for the generator.

WARNING: No modification of this equipment is allowed.

WARNING: Do not modify this equipment without authorization of Seers Berhad.

CAUTION: When any of the following occur, turn the power off, remove all accessories from the patient, and unplug the power cord from the outlet.

- There is smoke or a strange odor leaking out of the generator.
- The generator has been dropped or impacted by an object.
- Liquid or foreign matter gets inside the generator.
- If you think the generator may have been damaged.

4.1 Recommended Maintenance and Care

WARNING: Failure on the part of all responsible individuals, hospitals, or institutions, employing the use of Hybrid Atomic Energy Generator, to implement the recommended maintenance schedule may cause equipment failure. The manufacturer does not, in any manner, assume the responsibility for performing the recommended maintenance schedule. The sole responsibility rests with the individuals, hospitals, or institutions utilizing the Hybrid Atomic Energy Generator.

WARNING: Do not submerge the device in liquids or pour cleaning liquids over, into or onto the generator.

WARNING: Before conducting maintenance work, turn the power OFF and unplug the power cord from the outlet to prevent electric shock.

CAUTION: To prevent damage to generator, do not clean any part of the device with phenolic compounds. Do not use abrasive or flammable cleaning agents. Do not steam, autoclave, or gas-sterilize the generator.

CAUTION: Only Seers Berhad approved equipment and accessories shall be connected to the generator.

To ensure the Hybrid Atomic Energy Generator is always functional when required, Seers Berhad recommends performing the following maintenance activities:

- Performing a Visual Inspection
- Cleaning the Hybrid Atomic Energy Generator

4.1.1 Visual Inspection

WARNING: After the visual inspection, if the device is damaged take the generator out of service and call Seers Berhad Customer service.

4.1.2 Cleaning Instruction

1. Before cleaning the generator, turn the generator off and disconnect the power cord.
2. To remove any foreign material inside water (e.g. dust, residues, etc.)
To prevent scratching the display, the use of a soft cloth is recommended.
3. When cleaning, do not immerse.
4. Avoid pouring fluids on the generator, and do not allow fluids to penetrate the exterior surfaces of the generator.
5. To dry the generator after cleaning, wipe with a dry, soft cloth.

4.1.3 Maintenance Checklist

Maintenance activities involve verifying operation and safety.

Maintenance should always be performed by the Customer. The following checklist is recommended to be utilized when checking the generator:

Visual Inspection

WARNING: After the visual inspection, if the generator is damaged or a message indicates to not use, take the generator out of service and call Seers Berhad Customer Service.

- Carefully inspect the generator case for stress or physical damage.
- Inspect all external cables for damage or cracking.
- Inspect the display for marks, scratches, or other damage.
- Verify that the Safety label on the device is clearly legible and present.

Operating Test

WARNING: If a Critical Error message is displayed, take the generator out of service and call Seers Berhad Customer Service.

4.2 Authorized Repair or Service

WARNING: Do not use the generator if it is damaged, is not functioning properly, or fails to meet an electrical safety check. Notify the appropriate personnel to ensure the generator is removed from service and properly repaired.

The warranty will be void upon unauthorized disassembly or service of the Hybrid Atomic Energy Generator.


Chapter 5 – Technical Specifications

Overview

This chapter contains specifications for the Hybrid Atomic Energy Generator.

5.1 Technical Specifications

CAUTION: Exposing the Hybrid Atomic Energy Generator to extreme environmental conditions outside of its specified parameters may compromise the ability of the Hybrid Atomic Energy Generator to function properly and/or cause the plastic to warp and/or crack.

Description	Specification
Protection against Electric Shock	Class I Equipment (generator)
Model Number	STF-V11
	220-240 VAC, 50/60Hz
Power Input	2200–2600W
External Fuses	One, 13Amp 250V, 5x20mm
Mode of Operation	Continuous Operation
System Control	Provides controlled flow and temperature of water
Case dimensions	190mm x 260mm x 333mm
Weight	5 kg
Power cable length	1 meter
Applied Parts protection	IPx0
Capacity	4 litres

Chapter 6 – Troubleshooting

Overview

This chapter contains troubleshooting steps, error message description, error message table, and how to obtain technical assistance.

6.1 Troubleshooting Steps

If you experience a problem while using the generator, please use the Error Message table to troubleshoot the issues. If you are unable to correct it, write down the error message and error code, if applicable, and contact qualified service personnel in your institution or contact Customer Service.

6.2 Error Messages

Error messages will be displayed on the screen.

Display screen shows "E1"	Open circuit on temperature	Check or replace the temperature sensor terminal or cable
Display screen shows "E2"	Open circuit on temperature	Check or replace the temperature sensor terminal or cable
Display screen shows "E4"	Electrical short on temperature sensor	Check or replace the temperature sensor terminal or cable
Display screen shows "E5"	Electrical short on temperature sensor	Check or replace the temperature sensor terminal or cable
Display screen shows "E7"	Not water or float sensor is damaged	Add water, check the float sensor or replace the float ball valve

6.3 Obtaining technical assistance

For technical information and assistance, contact:

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