



# A70 Atmospheric Water Generator

## Owner's Manual

*Make Water From Air — Pure Water. Pure Life.*

# Welcome

Thank you for choosing the Solaris Watergen A70. Your new machine pulls moisture straight out of the air around you and turns it into clean, great-tasting water — hot or cold, right at the tap. No plumbing hookup and no water bottles to haul.

This guide walks you through setup, everyday use, and simple upkeep in plain English, so you can get the most out of your A70 for years to come. Please read the Safety Precautions on the next page before plugging in your machine.



# 1 Safety First

Please read every item below before using your A70. Keeping these simple rules in mind will protect you, your family, and your machine.

## **WARNING — Important Safety Warnings**

- Never insert rods, wires, or any metal objects into the air outlet — this can cause an electric shock.
- Do not clean the unit with paint thinner or other solvents; these can damage the housing and create a fire or shock hazard.
- Do not use the A70 near flammable or explosive gases or chemicals.
- Do not use fumigation-type insecticides in the same room. Chemical residue can be drawn into the machine and released into your water or the air. If insecticides have been used, ventilate the room thoroughly first.
- Do not attempt to open, disassemble, or modify the machine yourself. This can cause electric shock, malfunction, or fire, and it will void your warranty.
- Always unplug the unit before cleaning it.
- Do not overload the power outlet or use an extension cord/power strip that isn't rated for this appliance.
- Do not pull, twist, tie, or place heavy objects on the power cord.

## **TIP — Good Habits to Follow**

- Never touch the plug with wet hands.
- Push the plug all the way into the outlet. A loose connection can overheat.
- Never use a damaged plug or a loose/worn outlet.
- Leave at least 14 inches (35 cm) of open space around the air intake and outlet so the machine can breathe and make water efficiently.
- Damage caused by ignoring these precautions is not covered under warranty.

## 2 What's In the Box

Your A70 arrives ready to set up. Here's what you'll find:

| Item                                  | Quantity | Notes                               |
|---------------------------------------|----------|-------------------------------------|
| A70 Atmospheric Water Generator       | 1        | Fully assembled, on rolling casters |
| PAC composite filter cartridge        | 1        | In the accessory bag                |
| RO (Reverse Osmosis) filter cartridge | 1        | In the accessory bag                |
| C2 filter cartridge                   | 1        | In the accessory bag                |
| Activated carbon filter screen        | 1        | In the accessory bag                |
| Power cord                            | 1        | Attached to the unit                |

### Getting to Know Your A70



- **Control panel** — top front, shows temperature, water quality, and buttons.
- **Cold & hot water spouts** — below the control panel.
- **Filter compartment** — behind the upper front door: houses the PAC, RO, and C2 cartridges.
- **Activated carbon filter screen** — behind the lower front door.
- **Power cord** — exits from the lower right side of the cabinet.
- **Caster wheels** — for easy repositioning on flat, level flooring.

### 3 Setting Up Your A70

Setup takes just a few minutes. Place your A70 on a flat, level surface with at least 14 inches (35 cm) of clearance on all ventilated sides before you begin.

|               |                                                                                                                                                      |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Step 1</b> | <b>Open the filter compartment door.</b><br>This is the upper front panel, just below the control panel.                                             |
| <b>Step 2</b> | <b>Open the activated carbon filter screen door.</b><br>This is the lower front panel.                                                               |
| <b>Step 3</b> | <b>Install the PAC, RO, and C2 filter cartridges.</b><br>Each cartridge is labeled — match the labels to the slots, then close the compartment door. |
| <b>Step 4</b> | <b>Install the activated carbon filter screen.</b><br>Slide it into place and close the lower door.                                                  |
| <b>Step 5</b> | <b>Plug in the power cord.</b><br>Use a standard grounded outlet. Do not use a damaged cord or a loose outlet.                                       |

#### **TIP — First-Time Use**

Press the power button — you'll hear a beep as the machine starts up. The water that comes out during the first 5 minutes after installing new filters should be poured out and not used for drinking; after that, your water is ready to enjoy.

## 4 Using the Control Panel

Your A70's control panel is simple and touch-based. Here's what everything means:

| Button / Display         | What It Does                                                                                                                  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Power button             | Turns the machine on. In standby, the icon blinks; once on, it stays lit.                                                     |
| Child lock               | Press and hold for 3 seconds to lock the panel (icon lights up and flashes). Press and hold again for 3 seconds to unlock it. |
| Cold water button        | Tap once to start pouring cold water; tap again to stop.                                                                      |
| Hot water button         | Tap once to start pouring hot water; tap again to stop. Use caution — hot water can scald.                                    |
| Temperature (+ / -)      | Cycles the hot water temperature setting up or down.                                                                          |
| Cold water display       | Shows the current temperature of the cold water spout.                                                                        |
| Hot water display        | Shows the current temperature of the hot water spout.                                                                         |
| TDS display              | Shows the real-time purity (Total Dissolved Solids) reading of your water.                                                    |
| Water level indicator    | Green = plenty of water. Yellow = running low.                                                                                |
| Filter replacement light | Turns red when a filter needs to be replaced soon.                                                                            |

- If the panel isn't touched for about 1 minute, the screen goes dark to save power. Tap anywhere on the panel to wake it back up.
- The A70 automatically flushes and mists away its own wastewater to help keep the internal radiator cool and save energy.
- The machine continuously monitors indoor temperature and humidity and adjusts itself automatically — it's built to work well in every season.

## 5 Filter Care

### Cleaning the Pre-Filter Screen

- Open the lower front door and gently pull the filter screen out by its ribbon/strap.
- Rinse it under clean running water.
- Let it air-dry completely before putting it back — never reinstall a wet filter.

### Replacing a Filter Cartridge

- Watch the control panel: when the red replacement light turns on, it's time to swap a filter.
- Slide the filter compartment door toward the center of the machine to unlatch and open it.
- Pull the cartridge that needs replacing outward, then twist it counter-clockwise to remove it.
- Insert the new cartridge in the same slot and twist clockwise until snug.
- Let the machine run for 5 minutes and discard that first batch of water before drinking, just like at first-time setup.

#### **TIP — How Often Should I Replace Filters?**

Filter life depends on your local air quality and how much water you use each day. As a general guide, plan to check your filters every 6–12 months, and always follow the red indicator light on your control panel — it will let you know before performance drops.

## 6 General Cleaning & Maintenance

### **WARNING — Before You Clean**

Always unplug the machine before cleaning or performing any maintenance.

- Wipe dust and dirt from the outside of the cabinet regularly to keep it looking and running its best.
- Never use thinners or solvent-based cleaners — a soft, slightly damp cloth is all you need.

### **Draining the Water Tank**

If you're traveling, storing the unit, or won't be using it for a while, drain the internal tank so water doesn't sit unused:

- Unplug the machine.
- Pull the rubber plug on the drain outlet on the right side of the cabinet.
- Insert the drain tubing into a bucket and let the tank empty completely.
- Replace the rubber plug securely before storing or moving the unit.

## 7 Troubleshooting

Most issues can be solved with a quick check. If a problem persists after trying the steps below, please contact Solaris Watergen Support (see the last page).

| Problem                                       | Possible Cause                                                                  | What to Do                                                                                                                                                                            |
|-----------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Machine won't turn on / doesn't work properly | Loose power connection, or a control system issue                               | Confirm the plug is fully seated in the outlet and press the power button. If it still won't start, check that the internal control cable connections are secure, or contact Support. |
| Water is leaking from the machine             | A water-line or filter cartridge connection has come loose                      | Open the top cover and check for visible leaks or loose fittings. Contact Support if you can't identify the source.                                                                   |
| Water quality seems off                       | A filter cartridge is past its service life                                     | Replace the filter cartridge(s) right away (see Section 5).                                                                                                                           |
| Machine makes an unusual noise while running  | A water pipe is contacting the cabinet wall, or debris has entered the air duct | Secure any loose tubing so it isn't rattling against the housing, and check the air duct for foreign objects.                                                                         |

## 8 Technology & Specifications

| Specification       | Details                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Model               | Solaris Watergen A70 (Atmospheric Water Generator)                                                                |
| Rated voltage       | 220V AC, 50Hz — please confirm your outlet or a compatible power supply matches this rating before use            |
| Water-making power  | 800 W                                                                                                             |
| Maximum power draw  | 2,800 W                                                                                                           |
| Heating power       | 2,000 W                                                                                                           |
| Water production    | Up to ~18.5 gallons (70 L) per day at 86°F (30°C) / 80% relative humidity, or 27°C (81°F) / 60% relative humidity |
| Noise level         | 65 dB or lower                                                                                                    |
| Product dimensions  | 16.9" W x 14.6" D x 49.6" H (430 x 370 x 1,260 mm)                                                                |
| Packaged dimensions | 20.2" W x 17.6" D x 51.6" H (512 x 448 x 1,310 mm)                                                                |
| Net weight          | ~121 lbs (55 kg)                                                                                                  |
| Shipping weight     | ~143 lbs (65 kg)                                                                                                  |

### **TIP — A Note on Power**

This unit is built to run on a 220V/50Hz supply. If your home's standard outlets are 120V (typical in the U.S.), check with a qualified electrician or contact Solaris Watergen before plugging in to confirm you have the correct power setup for your unit.

## 9 Warranty Information

| Product              | Warranty Period | Parts Warranty |
|----------------------|-----------------|----------------|
| Solaris Watergen A70 | 1 Year          | 1 Year         |

This product has passed strict quality inspection. During the warranty period, Solaris Watergen will provide free repair service for functional failures that occur under normal use. The warranty does not cover:

- Performance issues or failure occurring after the warranty period has ended.
- Damage caused by intentional misuse or negligence.
- Repairs made without authorization by an approved Solaris Watergen service center or agent.
- Failures caused by an incompatible or poor-quality power supply.
- Damage or defects caused by natural disasters.

*"Ingenuity to create excellence."*



## Need Help?

### **Solaris Watergen USA**

300 E Oakland Park Blvd #293

Fort Lauderdale, FL 33334

Tel: 305-850-8894

Please have your model number (A70) and a description of the issue ready when you contact us — it helps us assist you faster.

*Pure Water. Pure Life.*