

Skywater® 14 Overview**Technology****Skywater 14 Features****Specifications****FAQ**

Island Sky® 14 model:	Floor Standing - atmospheric water generator
Plumbing:	Requires no plumbing.
Water tank capacity floor model:	5 gallons, 19 Liters.
Electrical consumption:	2 Kilowatt hour per gallon of water produced in humid conditions for the 110v models. 2 Kilowatt hour per gallon of water produced in humid conditions for the 220v models.
Consumables:	Air filter –Replace every 6- months depending on air quality Water filter – Replace twice a year, up to 10,000 gallons (37,850 liters).
Safety Features:	LCD display provides warning indicators when replacement parts reach expiration limit. The system will automatically shut off and display will indicate which parts need service or replacement. The air filter and carbon filter are all continuously monitored. The water taps will not function until machine is serviced.
Replacement parts:	Proprietary Filters, available through Island Sky® Corporation. Compressor and fan motor available worldwide or through Island Sky® .
Specifications:	Island Sky® 14 Floor Model, Power 115 Volts / 60 cycles or 208 /220 /230 /240 Volts @ 50 cycles.
Dry Weight:	100 lbs (45 kg).
Refrigeration:	Internationally approved R134A refrigerant.
Construction:	Plastic body with metal chassis.
Dimensions:	OD- 14" x 19" x 47" high. (35cm x 48cm x 118cm)
Packing:	Cardboard box with Styrofoam; shrink-wrapped on pallet.
Patented:	Multiple US patents and International patents pending.
Water output performance:	Up to 14 gallons per day in Optimal Conditions; 3 gallons per day at 40% Relative Humidity.
Unit Packing Weight:	125 pounds, 57kg
Water Quality:	Meets or Exceeds Standards of U.S. Safe Drinking Water Act PH: 7.6 , <10 TDS (totally dissolved solids)
Certification:	CE approved, UL
Warranty:	1 year limited manufacturer's warranty on parts only
Temperature:	20° C - 32° C
Relative Humidity:	40% RH - 100% RH

FAQs - Skywater® 14 Water Making Machines

- **How does the Skywater® 14 make water?**
- **How much water does the Skywater® 14 make per day?**
- **How long does it take to make the first fill of water?**
- **How much water does the tank hold?**
- **How do I know how much water is in the tank?**
- **How does the machine replenish the tank with more water?**
- **How much power (kilowatts) does the Skywater® 14 use?**
- **What's involved in the installation for the Skywater® 14?**
- **What is the best location for the Skywater® 14?**
- **What type of filtration is used to purify the water in the Skywater® 14?**
- **How often would the filters need to be replaced?**
- **What kind of maintenance is required?**

How does the Skywater® 14 make water?

Dependent only on electricity, The Skywater 14 makes an abundance of pure water from the air. It needs no plumbing or assembly, just plug it into an ordinary outlet and it will start to make water. See more on Skywater's patented air-to-water technology...

How much water does the Skywater® 14 make per day?

In a 24 hour period, the Skywater® 14 can make from 7 to 10 gallons.

How long does it take to make the first fill of water?

Depending on relative humidity, it may take 24 to 72 hours to make the first fill.

How much water does the tank hold?

The tank capacity of the Skywater® 14 is 22 liters (5.8 gal). The tank continuously refills as it makes water throughout the day and night.

How do I know how much water is in the tank?

The LCD display has four readings to indicate the water levels in the tank. The display will indicate "tank empty", ".08 gal. available", "2.5 gal. available", or "Tank Full" and "5.8 gal. available". As long as the machine is on it will indicate on the display "Making Water"; when the machine is full, it will stop to prevent overflow.

How does the machine replenish the tank with more water?

The Skywater® 14 will continuously make water and replenish the tank throughout the day and night.

How much power (kilowatts) does the Skywater® 14 use?

The Skywater 14 runs on approximately 2-4 kilowatts per hour; comparable to a household refrigerator.

What's involved in the installation for the Skywater® 14?

Just plug it into a normal household outlet 115V or 220-230V. Depending upon relative humidity, water should be available within 24 - 72 hours.

What is the best location for the Skywater® 14?

The Skywater® 14 was engineered to work indoors only. It requires ventilation on all sides to function properly; this means 6-12 inches of space on all sides in a well-ventilated area.

What type of filtration is used to purify the water in the Skywater® 14?

The water is treated with Ozone, a chemical free method of purification, which is EPA & FDA approved. It then passes through a carbon filter for additional filtration and to improve taste.

How often would the filters need to be replaced?

Approximately twice a year replace the air and water filter. If the air quality is poor, it's recommended to change filters more frequently.

What kind of maintenance is required?

The Skywater® 14 needs almost maintenance free. Approximately twice a year replace the air and water filter. If the air quality is poor, it's recommended to change filters more frequently.



Introducing Skywater® 14

The Skywater® 14 produces more water in varied climates than any other air-to-water machine on the market due to Island Sky®'s patented adiabatic distillation technology.

INNOVATION

Skywater® 14 provides an unlimited source of water right out of the air we breathe. One of the greatest benefits of the Skywater® 14 machine is that it eliminates the need for bottled water in the home and office. No more lifting heavy water bottles! Get hot or cold water at the touch of a tap.

How does Skywater® make water from air? Actually, it's simple:

The most abundant source of fresh water is in the Earth's atmosphere. When water vapor in the atmosphere condenses, it falls as rain. Skywater® 14 replicates this natural process of condensation, simulating the dew point to continuously make water even in low humidity conditions.

Again replicating nature's process, Skywater® 14 generates ozone to purify the water. Ozone (O₃), is a naturally occurring gas produced in nature when it rains. Skywater® 14 pumps ozone through the water and it binds with the water to eliminate bacteria and other impurities. The water is further purified in the final stages through a high quality carbon filter to improve taste.

The tank has a capacity of 5.8 gallons (22 liters), which will continuously replenish automatically. Production levels vary with the climate because the machine depends on the relative humidity and temperature. At lower temperatures

the machine requires more humidity and at higher temperatures less humidity. The machine was engineered to work at comfortable indoor climates between 68° and 75° Fahrenheit (20° - 23.8 Celsius) and relative humidity between 40 % and 60%.

Easy to Maintain

Skywater® machines are equipped with multiple computerized sensors that monitor its internal functions: compressors, fans, replacement parts and refrigerant levels. Twice a year the LCD display indicates when a replacement filter is needed.





PROGRESS

Water shortage and contamination is a global crisis. Purifying water that is depleting is not a solution. With Skywater®'s advanced air-to-water technology, water is extracted from the air and does not deplete the existing water supply.

As the "build green" revolution takes hold worldwide, new developers recognize the need to find ways to make homes and offices more efficient. Replace water coolers and fountains in schools and clinics with the Skywater® 14 and upgrade them to a new era of air-to-water technology.

1 liter of bottled water costs over 30 times more than 1 liter of Skywater®!

- Needs no plumbing and no assembly, just plug it in.
- Highest quality, pure drinking water for pennies to the gallon
- Eliminates recurring costs of bottled water and water delivery
- Filter change only 2x per year. The machine will let you know!

Cost Efficient Advantages

Skywater® makes refreshing drinking water from the water vapor in the air so there's no impact to your local water supply or your water bill. Additionally, Skywater® 14 is so energy efficient that under the right conditions it will make a gallon of water for as low as \$0.16 a gallon. Compare that with \$1.00 a gallon (\$1.00 per 3.78 liters) charged by most bottled water companies, and the choice becomes crystal clear.

DIFFERENCE

Skywater® Machines Help the Environment

Water vapor in the atmosphere is an unlimited resource replenished by Earth's natural cycle and can be reused indefinitely without impacting the planet. Additionally, Skywater® contributes to the reduction of carbon emissions by eliminating the need and added expense of bottling and transporting water.

Drink Skywater® and help reduce the carbon footprint from bottled water by as much as 50%.

VISION

As Island Sky® products continue to evolve, research and development will focus on initiatives designed to enhance product performance. Ask your distributor about the Skywater® 300, a high volume machine capable of producing up to 300 gallons per day.

