

**AquaPolar Ice1000, Ice2000, Ice4000 Series
Automatic Self-Serve, Purified Ice Vending Machines**



Freestanding, Self-Serve Units, or Multi-Unit Kiosk (shown w/opt. RO water vending unit)

AquaPolar's Ice1000-4000 Series are freestanding, unattended, automatic ice baggers for Customer Self-Service. Patented features ensure high reliability, extreme hygiene, disinfection and safety, ease of use, low operating and maintenance cost, and business flexibility in pricing.

Features:

- Stainless Steel Grade 304
- Compact Size – 52”(W) x 48”(D) x 99” (H)
- 1-4000 lb/day Continuous Ice Production
- 1000 lb Storage Capacity
- Fully Automatic Ice Bag Dispensing
- Custom Marquee
- Coin and Bill Acceptors
- Accepts 6 coins, tokens and all currencies
- Adjustable Price and Ice Vend Quantity
- Can Dispense 8- to 20-lb Bags
- Digital Display for Customer
- Automatically Locking Ice Vend Door
- Low Operating Cost
- 1550 lb Shipping Weight
- 8-Week Delivery
- Full 1-Year Warranty

Requirements:

- Plumbing
 - 1/2” Water Supply Inlet Line
 - 3/4” Water Drain Line
- Electrical Service
 - 220 V/60 Hz/1-phase, 15 A Max Circuit
 - 208-230 V/60 Hz/1- or 3-phase, 20 A Max Circuit

Options:

- 1000-4000 lb/day Ice Production (4000 lb/day Requires 3-phase Electrical Service)
- Credit, ATM, or Value Card Reader
- Compact Reverse Osmosis (RO) Purified Water Production System and Storage Tank
- Dual Vend Chamber Reverse Osmosis (RO) Purified Water Vending Machine



Close-up of Self-Serve Bagged Ice Dispensing Door



Optional Reverse Osmosis (RO) Purified Water System and Tank

AquaPolar Frequently Asked Questions

1. Who is AquaPolar, Inc.?

AquaPolar is a California company in the purified water and ice dispensing and vending business. AquaPolar has developed unique expertise and capabilities in innovative dispensing and vending machine engineering and design, marketing and sales, distribution, installation, and maintenance. It was registered in 2005 as a corporation in the State of California.

2. What are AquaPolar's Business and Technological Advantages?

AquaPolar has developed and incorporated patent-pending innovations to its water and ice purification, dispensing and vending systems that provide lower capital and operating costs and cleaner, higher quality water and ice to consumers. Example innovations include:

- Small footprint, highly compact water and ice dispensing and vending systems
- Advanced bacteria disinfection technology
- Bottle cleaning and pre-wash technology
- Tamper-proof, actively sanitized dispensing nozzles

3. What is Special About the Ice1000-4000 Series?

The Ice1000-4000 Series is a highly compact automatic, self-serve ice bag dispenser. It can operate unattended either self-standing or in a kiosk. The Customer pays for the ice, the ice is bagged inside the machine on-demand, and the Customer opens a door to retrieve their bagged ice. There is no human contact with the ice, and no staff is required to assist the Customer.

4. What is the Size of the Ice1000-4000 Series?

The Ice1000-4000 Series is a small footprint unit only 52" wide by 48" deep. There are no ice bag ramps or external components of any kind that could cause Customer injury, risk, or liability. The unit is 99" high including the ice maker.

5. What are the Production and Storage Capacities of the Ice1000-4000?

The Ice1000-4000 can store 1000 lb of ice, and is guaranteed to produce 1000-4000 lb/day at up to 90°F ambient air temperature and up to 90°F water inlet temperature.

6. Is Ice Production Continuous or Batch?

The Ice1000 makes 30 lbs of ice per batch, automatically when ice level falls below preset. The Ice2000 makes 60 lbs of ice per batch, and the Ice4000 makes 120 lbs of ice per batch.

7. What Is the Average Energy Use for Each Unit of Production?

The Ice1000-4000 Series uses 4.9 kWh per 100 lbs of ice produced.

8. What Size Bags of Ice Can the Ice1000-4000 Series Dispense?

The units are easily programmed to fill bags to any quantity from 5 lb to 20 lb.

9. Can I Adjust the Ice Vending Pricing?

The units are easily programmed to any price per bag.

10. What About Operating Permits?

You will need to check your local regulations. In general, a vending machine permit will be required, most likely from the county.

11. Is the Ice1000-4000 Series Certified to Meet Local Permitting Requirements?

The Ice1000-4000 Series is NAMA-certified. NAMA stands for the National Automatic Merchandising Association (<http://www.vending.org/>). NAMA is the only national association representing the interests of the Food & Beverage vending industry, and is widely accepted as the certification standard. Please check with your local authorities to confirm.

12. How Long Do You Expect the Lifetime of the Unit to Be?

Due to its stainless steel construction, robust manufacturing and highly reliable components, the machine is likely to last 7-10 years or more when properly maintained.

13. Who Is the Manufacturer of the Ice Maker? Your Documentation Says It Comes from Japan But Who Makes It, to be Sure That It Is a Reliable and Reputable Machine?

The manufacturer of the ice maker is Hoshizaki.

14. What Type of Warranty Does AquaPolar Offer?

AquaPolar warrants the units for one year, all parts coverage. In the event of a service need during this first year, you can call us toll-free and service is provided by factory-trained technicians dispatched from your vicinity.

15. What About Service After the First Year?

After the first year, you can continue to call us for telephone tech support, and for referrals to factory technicians if necessary. Often, the service needs can be met by local plumbers, standard AC service technicians, and electricians. We will help you locate appropriate help.

16. How Much Is the Estimated Maintenance Per Year?

We estimate routine maintenance to cost \$480 per year.

17. Is This a Self Cleaning Machine or Does It Require Manual Cleaning? And if it Requires Cleaning to be Done Manually, How Often Is it Required?

There is a very simple manual cleaning process. Filter cleanings and disinfection are recommended at 2 per month, full internal cleaning yearly.

18. Do We Need to Buy Maintenance Items from AquaPolar?

No, most maintenance items are locally available. As long as the replacement items meet the specifications of the original, you can buy them locally.

19. What About the Ice Bags?

The Ice Bags are required by law to be printed with the vending location. We can help by either ordering them for you (usually at a fairly low price due to our volume ordering relationships), or referring you to distributors.

20. What Type of Ice Cubes Does the Ice1000-4000 Series Make, and What Are the Dimensions of each Cube?

The units make crescent-shaped ice cubes, approximately 1" on a side and 1/2 " thick.

21. Is Purified Ice Better?

Yes, ice made from reverse osmosis (RO) purified water is clearer, takes longer to melt, is harder, and tastes better than ice made from either filtered water or from the local municipal supply.

22. How Can I Use Purified Water to Make Ice?

AquaPolar offers several options, including a highly compact, custom designed RO system and tank that fits conveniently behind the unit. A second option is to add a water vending unit and sell both purified water and ice. The two units can operate from the same RO source.

23. What is the Benefit of Vending Both Water and Ice?

In addition to providing the preferred purified ice, offering water vending provided co-marketing opportunities. For example, construction crews that fill up their coolers can buy both the water and the ice at your location, rather than making two stops, saving them time and providing you extra business.

24. Where is the Ice1000-4000 Series Manufactured?

Each unit consists of three components – the ice maker, the ice bagger, and the vending compartment. The ice maker is made in Japan, the ice bagger is made in Pennsylvania, USA, and the vending compartment is manufactured in California, USA. Final integration assembly of the three components is in California, USA.

25. What if I Want to Upgrade to Larger Ice Production Capacity After I Buy?

The Ice1000 and Ice2000 are easily upgraded to larger production, up to 4000 lbs per day. The larger production units are the same floor space size as the smaller units.