



Beverage Distillery & Water Bottling Plant Solution



The water quality in vodka, whiskey, gin, rum and other distilled spirits plays a huge role in the finished product. Without a proper filtration process, you could be letting unwanted minerals and bacteria alter the taste and look of your drink.

Controlling fresh water required for the distillation process that is not dependent upon existing water resources insures consistency and purity of product.

Fresh drinking quality water produced purely from the atmosphere that meets or exceeds World Health Organization Standards is ideal as the natural and renewable source for production of alcoholic beverages.

Fresh tasting drinking quality water produced purely from the atmosphere that meets or exceeds World Health Organization Standards is ideal as the natural and renewable source for production of renewal bottled water.

There is no impact on needing to filter or purify existing groundwater from streams, rivers or lakes that may contain pollutants, pharmaceuticals, contaminants or impurities.



5000 Liters per Day/ 1320 Gallons per Day *Commercial Unit*



Green Technology Global 1320 Gal or 5000 Liter AVG Specs	
Supply Power	US AC 460V 60Hz 3Ø; Europe 380V 50Hz 3Ø
Power Rating	64kW, 97.24Amps
Real Working Power at 86 degrees F	54.4kWh
Max Day Power Usage 86 Degrees F & RH @ 80%	1395.6kWh
Max Daily Water Production @ 86 Degrees F & RH @ 80%	1320 Gallons/5000 Liters
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed Vortex
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Control System	PLC
Control Type	External Balance type Thermal Expansion Valve
Gas Type	R407c
Machine Dimensions	86.61"L x 222.44"W x 83.85"H
Machine Net Weight	8598 lbs
Annual Filter Kit	HEPA Air Filter PPF CTO UDF UF UV Mineralization

10000 Liters per Day/ 2641 Gallons per Day *Commercial Unit*

Green Technology Global 2641 Gal / 10000 Liter AWG Specs	
Supply Power	US AC 460V 60Hz 3Ø; Europe 380V 50Hz 3Ø
Power Rating	128kW, 194:48Amps
Real Working Power at 86 degrees F	108.8kWh
Max Day Power Usage 86 Degrees F & RH @ 80%	2592kWh
Max Daily Water Production @ 86 Degrees F & RH @ 80%	2641 Gallons/1000 Liters
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed Vortex
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Control System	PLC
Control Type	External Balance type Thermal Expansion Valve
Gas Type	R407c
Machine Dimensions	86.81"L x 397"W x 86.22"H
Machine Net Weight	18078 lbs
Annual Filter Kit	HEPA Air Filter PPF CTO UDF UF UV Mineralization



MODEL PBLEST173

306,000 LITER CAPACITY

TECHNICAL SPECIFICATIONS

Dimensions: 12.72m Round x 2.4m H

Weight Empty: 1460 Kg/3218.7 Lbs

Design Code: AWWA - American Water Works Association D 103

Tank Wall: High Tensile Zincalume sheets 0,58mm 0.9mm & 1.1mm

Yield Strength: 250 N/mmm

Tensile Strength: 320 N/mm

Coating: Zincalume (Zinc/Aluminum Alloy) AZ 150

Fastener Bolts: M10 - M22 Galvanized to SANS 121:2011

Top ring: 0.58mm,

Ring 2: 0.58mm

- **Corrugated Zincalume steel tank sheets**
- **PVC liner with plastic rim protector, as well as a plastic UV protector for your liner**
- **One 50mm outlet with ball valve**



10,000L Unit with 306,000L Reservoir footprint



½" pipe



Dimensions:
212.6"L x 444.88"W x 86.22"H
17.71'L x 37.07'W x 7.19'H

Dimensions:
12.72m Round x 2.4m High
41.73' Round x 7.87' High

SOLAR MIXERS

Floating, solar powered, circulation equipment for potable water reservoirs. Day/ night operation on solar only by utilizing a battery to store excess daytime power for nighttime operation.

316 stainless steel construction. Foam-filled high-density polyethylene (HDPE) floats. Thermoplastic rubber intake hose. HDPE strainer. The SB500PWc is NSF/ANSI Standard 61 Listed, includes NSF/ANSI 61, Annex G.

80-watt PV solar panel. Battery storage for day/night operation. Digital, solid-state controller, mounted in weather-tight (NEMA 4X) enclosure with internally fused disconnect. SCADA output through RS-232 Serial Communication (Modbus RTU), DB9 male connection point inside enclosure.

Three floats in triangular pattern with total float buoyancy of 300 pounds (140 kg).

****Collapsible design for easy deployment through an 18" opening.**

****Power System: Solar with battery backup system allows for 24/7 day and night operation. Optional grid-power backup.**

****Frame Construction: T316 stainless steel.**

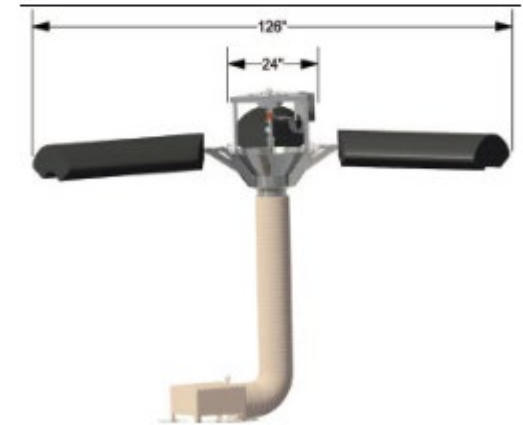
****Floatation: Foam-filled high-density polyethylene (HDPE) floats.**

****Intake: 8" thermoplastic rubber intake hose with HDPE strainer.**

****SCADA outputs. Wireless options are available.**

****Disinfectant boosting capable.**

****Certified to NSF/ANSI 61 and NSF/ANSI 372 standards.**



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