

Budgetary Pricing Estimates

Harvest water from Air with no electricity or fuel

A2WH Night Radiant Condensation system

XDOBS.COM LLC

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Budgetary pricing Estimates

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Budgetary Pricing Estimates**Budgetary estimates**

These estimates are only a rough estimate. Plastic, metal and freight costs change all the time so we should be contacted for current pricing.

Stand alone 22 liter per day system

Stand along system for home uses in humid coastal areas produces designed for 6 gallons (22 liters) per day in ideal climates. from 4 to 8 gallons per day depending on climate. Requires approximately 300 square foot for installation.

This system is intended to replace bottled water and to provide a secure source of water that is isolated from both the municipal water and electricity system such that it can continue to operate when major storms knock out the municipal systems while contaminating both the surface and ground water reserves

Qty 2 – 10 - \$12,000 each

Qty 250 - \$4,000 each

Qty 1000 - \$3,000 each

Qty 5000 - \$2,300 each

Qty 10,000 - \$1150 each

Qty 50,000 - \$900 each

Shipping weight 350 pounds

Shipped in multiple 60 pound oversized boxes.

Optional Ozone sterilization - Add 250

Optional 12 gallon storage tank

Optional rain capture from top surface

Optional top film extends system life with replaceable top layer.

Budgetary Pricing Estimates**1 million square foot industrial system**

A 1 million square foot will produce in the range of 20,000 to 50,000 gallons (75,708 to 189,270 liters) of pure water per day depending on the operating environment. We use 35,000 gallons (132,489 liters) for estimation purposes.

The 1 million square foot system (92,903 sq meters) will cover a minimum of 22.3 acres however our design includes wind shield wings which expand this to a 32 acres. In addition walk ways and service alleys should be planed a plot of 40 to 50 acres should be planned to accommodate 1 million square foot of product.

When combined with a greenhouse enriched humidity stream the production can be multiplied as high as 250,000 gallons per day from the same set of collectors. See our enriched-humidity-stream document for additional information.

Using a midrange estimate of 35,000 gallons (132,489 liters) per day a 1 million square foot system will produce 132 cubic meters or 4,678 cubic foot or 636 barrels of water per day. To produce 1 million gallons per day would require 29 of these million square foot systems which would require approximately of 1160 acres for installation.

The following prices are for units of 1 million sq foot. Units can be ordered in fractions of 1 million sq foot and the pricing for the fraction will be for the next smaller unit.

Qty 1 - \$14,000,000 each

Qty 10 - \$11,000,000 each

Qty 50 - \$10,000,000 each

Qty 100 - \$9,300,000 each

These prices include ocean freight for port delivery to china, some areas are more expensive for delivery. These prices assume the system is pre-paid at the time of order with a 7 month time to delivery.

If prepayment is made with a 12 month delivery lead time we can offer up to a 10% discount. .

The customer is responsible for local installation including the pipes for aggregation and delivery of the water to final consumers.

Customer is responsible for providing storage of the produced water. This price assumes a gravity feed downward from the system into storage. A minimum of 10 days storage is recommended with 90 days storage preferred. If the water will not be post treated as it leaves storages then a continuous ozone trickle is recommended to keep the stored water pure. Underground storage is ideal since it can be installed in the ground under the collection units.

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Most large systems like these will provide input into a municipal treatment system where the water will be chemically treated for final delivery. If this is not the case the customer is also responsible for final stage purification and for protecting the purity of water while in storage.

Please be aware that when operated without an enriched humidity stream there are specific requirements for climate and the system will not operate effectively in areas where the humidity is not sufficiently high.

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Data logger

The data logger provides a low cost mechanism that can help estimate production of larger units in a given area. It takes detailed temperature and humidity readings that can be used to estimate production during similar seasons in future years.

The data logger is modeled on actual condensing units but is much smaller about 2 foot X 2 foot square and without the controlled air flow. It is intensively instrumented so that we measure the temperature at 8 different locations along with ambient humidity and light levels. Readings are taken frequently and condensed as possible by the onboard Computer which ends up storing about 1,200 individual pieces of information per day.

The data logger must be mounted with a clear view of the night sky away from any obstructing walls or trees. Preferred mounting is on a 6 foot post suspended 2 foot above the ground. We have found that field fence posts work quite well.

Data is collected in protected storage inside the data logger and can be retrieved using a laptop. There is 90 days of on board storage which can optionally be expanded up to 3 years. The data downloaded to the Laptop can be locally analyzed or emailed to XDOBS for analysis. In best case conditions a full years monitoring is used however even a few weeks helps.

The humidity sensors allow us to determine what temperatures must be reached to obtain dew condensation while all the various temperature sensors tell us what kind of temperatures we are able to obtain in various parts of the unit which gives us a good idea of how much condensation we can obtain per square meter. Together these can reliably allow us to predict dew condensation formation at a given location.

XDOBS offers a free service of evaluating the raw data files received from registered users and preparing a nice summary report with our estimated production by day, by week, by month and by year.

For customers who do not have laptop available for download XDOBS offers a removable storage module which can be mailed back to XDOBS for analysis. All the customer has to do is pull the storage module out mail it to us. This option includes 3 removable modules which allows data collection to continue even after one module has been mailed back. XDOBS will return the units once the data has been analyzed and only bills the cost of postage. These removable modules contain sufficient storage to record 1 full year worth of data.

XDOBS recommends installing both a data logger and a 6 gallon per day system for tests in any location where larger systems are being considered. The information The data logger has the ability to accurately measure the actual water

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produced from the 6 gallon per day system. The climate data combined with actual production data can effectively predict the output of a larger system installed at the same location. Climate does vary from year to year so the production of the system will also vary

Qty – 1 - \$800 each
Qty – 2 to 10 \$600 each
Qty 20 to 50 \$500 each
Qty 500 \$400 each
Qty 1000 \$200 each

Optional SD card socket and SD cards - \$150

If the data logger unit is returned in good shape within 90 days of purchase XDOBS provides a 50% credit against your next purchase.

Thanks, Joe Ellsworth
CTO of XDOBS.COM LLC
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