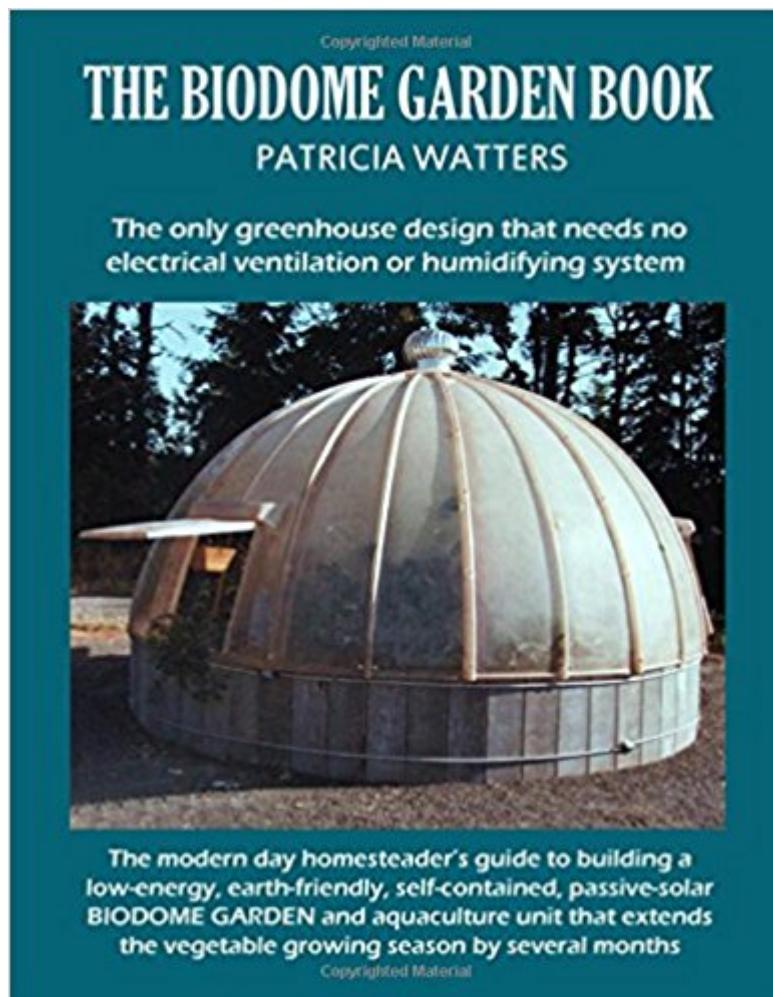


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# The Biodome Garden Book: The Only Greenhouse Design That Needs No Electrical Ventilation Or Humidifying System.



## Synopsis

QUOTES FROM THOSE WHO KNOW: THE OPENING OF THE FIRST BIODOME GARDEN IN OTTAWA - AUGUST 27, 2014 "On August 17, 2014 the Brewer Park Community Garden (BPCG), situated across from Brewer Arena, celebrated the grand opening of Ottawa's first Biodome Garden project. To commemorate the day, the Park hosted a ribbon cutting ceremony along with an afternoon of events, including a barbecue and tours of the Biodome and gardens. When asked about the inspiration for the Biodome Garden, Oster credited the ever-enduring spirit of his co-project leader, Guy Souliere and the pages of Patricia Watters' book *The Biodome Garden Book*. "The completion of the Biodome Garden marks an historic moment for Ottawa. The project is the first structure of its kind in Eastern Canada, making it an exciting achievement that sets a high standard and precedence for future similar structures to be built in the Region. As explained by those involved in the project, "Since its inception, the Biodome Garden has appreciated informal collaboration with both Carleton University and Algonquin College. The energy systems for air movement, fluid pumping and temperature modulation of the Biodome Garden form the thesis topic of a Carleton Masters Candidate, Paula Claudino. Recognizing that both Carleton and Algonquin value community collaboration and real-world research opportunities, the Biodome Garden is hoping to attract more formal partnerships with one or both partners." It is the hope of the Brewer Park Community Garden that this innovative project will be replicated many times in several different forms across the City and Ottawa Region. Its replication could shape the beginning of a much more healthy and sustainable food culture across Ottawa." --SPACING MAGAZINE "Even before the advent of biodomes, experimentation had already begun with domed enclosures that could sustain year-round gardens. At the forefront was Patricia Watters, author of the "The Biodome Garden Book," the premier book on passive-solar biodome greenhouse gardening. When Watters constructed her first biodome garden 30 years ago, even the most forward-thinking gardening communities hadn't conceived of a solar-powered, weed- and pesticide-free, waist-level greenhouse capable of producing its own food (in the form of aquatic animals), which could, in turn, feed organically grown vegetables using minimal water." (WHOLE LIFE TIMES MAGAZINE) "May as well start off with the most comprehensive food production system that I have ever come across. A wonderful lady named Patricia Watters has written a book on how to construct a system that not only produces produce, but also fish, (a great protein source) in an environment that does not require sprays or the traditional heating and electrical expenses associated with green house systems. The dome itself should fit into most back yards." (GEOFF LAWTON - PERMACULTURE INNOVATOR) FOR PHOTOS AND INFORMATION ABOUT THE BIODOME GARDEN PLEASE

## Book Information

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## Customer Reviews

I was very excited about getting the Biodome Garden Book. If you buy this be sure to buy the one for \$9.95 version as opposed to the one for \$19.95) But after having gone through the book several times I am left with many questions and concerns. This book is great for ideas about using water, stone, concrete, and a fiberglass dome to create a space for growing plants and aquatic life. The book assumes that you have solid skills in carpentry, plumbing, excavating, large aquarium management and construction design skills. The author gives the big picture and some details but leaves you or a professional to fill in many gaps and most of the details. I found most of the essential design layouts and photos to be too small and or poor quality. Half of the book is dedicated to organic gardening and to creating a 900 gallon aquarium, also information is redundant. So about half or so of the book addresses what is involved with actual building the Biodome. The basic crux of this book is to share the idea of creating an approximately 200 square foot, 18.5' high dome greenhouse incorporating raised beds, a partial aquaponics/hydroponic system, compost bin, a worm bin, and a sink, freeaing pipes etc. The Biodome design discussed in the book is basically building the top of a concrete and fiberglass silo on the ground, with a 900 gallon fish tank in the center. The walls of the Biodome which also serve as the walls of the raised bed and the walls of the fish tank are made of concrete silo staves which have a cable with tension that runs around the outside of these staves to secure them. The water, concrete and other stone,

absorb heat during the day and release it night and during cold weather helping to stabilize temperature and humidity.

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