



The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting

By Erica Wisner, Ernie Wisner

Download now

Read Online ➔

The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner

Heating with wood is often considered a natural and economical alternative to electricity or fossil fuels. However, even with a fairly new and efficient woodstove, many cords of wood are required for burning over the course of a single winter, and incomplete combustion can contribute to poor air quality. A rocket mass heater is an earthen masonry heating system which provides clean, safe, and efficient warmth for your home, all while using 70 to 90 percent less fuel than a traditional woodstove.

These unique and beautiful installations provide luxurious comfort year round. In cold weather a few hours of clean, hot burning can provide twenty or more hours of steady warmth, while the unit's large thermal mass acts as a heat sink, cooling your home on sizzling summer days. Packed with hard-to-find information, *The Rocket Mass Heater Builder's Guide* includes:

Comprehensive design, construction, and installation instructions combined with detailed maintenance and troubleshooting advice

Brick-by-brick layouts, diagrams, and architectural plans augmented with detailed parts drawings and photographs for clarity

Relevant and up-to-date code information and standards to help you navigate the approval process with local building departments

Earthen masonry heating systems are well-suited for natural and conventional builders alike. A super-efficient, wood-burning, rocket mass heater can help you dramatically reduce your energy costs while enhancing the beauty, value, and comfort of your home.

Erica Wisner and **Ernie Wisner** have built over seven hundred super-efficient, clean-burning masonry stoves. They are dedicated to the search for sustainable solutions and the hands-on teaching of creative, ecological, and practical skills.

 [Download The Rocket Mass Heater Builder's Guide: Complete ...pdf](#)

 [Read Online The Rocket Mass Heater Builder's Guide: Comple ...pdf](#)

The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting

By Erica Wisner, Ernie Wisner

The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner

Heating with wood is often considered a natural and economical alternative to electricity or fossil fuels. However, even with a fairly new and efficient woodstove, many cords of wood are required for burning over the course of a single winter, and incomplete combustion can contribute to poor air quality. A rocket mass heater is an earthen masonry heating system which provides clean, safe, and efficient warmth for your home, all while using 70 to 90 percent less fuel than a traditional woodstove.

These unique and beautiful installations provide luxurious comfort year round. In cold weather a few hours of clean, hot burning can provide twenty or more hours of steady warmth, while the unit's large thermal mass acts as a heat sink, cooling your home on sizzling summer days. Packed with hard-to-find information, *The Rocket Mass Heater Builder's Guide* includes:

Comprehensive design, construction, and installation instructions combined with detailed maintenance and troubleshooting advice

Brick-by-brick layouts, diagrams, and architectural plans augmented with detailed parts drawings and photographs for clarity

Relevant and up-to-date code information and standards to help you navigate the approval process with local building departments

Earthen masonry heating systems are well-suited for natural and conventional builders alike. A super-efficient, wood-burning, rocket mass heater can help you dramatically reduce your energy costs while enhancing the beauty, value, and comfort of your home.

Erica Wisner and **Ernie Wisner** have built over seven hundred super-efficient, clean-burning masonry stoves. They are dedicated to the search for sustainable solutions and the hands-on teaching of creative, ecological, and practical skills.

The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner **Bibliography**

- Sales Rank: #48927 in Books
- Brand: New Society Pub
- Published on: 2016-06-14

- Original language: English
- Number of items: 1
- Dimensions: 9.90" h x .80" w x 7.80" l, .0 pounds
- Binding: Paperback
- 288 pages



[Download](#) [The Rocket Mass Heater Builder's Guide: Complete ...pdf](#)



[Read Online](#) [The Rocket Mass Heater Builder's Guide: Comple ...pdf](#)

Download and Read Free Online The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner

Editorial Review

Review

Finally -- a comprehensive book about rocket mass heaters! This should put an end to the freak shows of flaming death showing up on YouTube mislabeled as rocket mass heaters. And put an end to getting the same questions asked over and over again. We can start every answer with: "Have you read The Rocket Mass Heater Builder's Guide?"

---Paul Wheaton, founder of Permies.com online community

Eagerly awaited by homesteaders both urban and rural, appropriate tech folks, and do-it-yourselfers of all stripes, The Rocket Mass Heater Builder's Guide is a comprehensive, well-researched, and clearly illustrated manual on one of the most exciting home-heating concepts to come along in decades. The book is firmly grounded in the authors' many years of experience, will save every builder vast amounts of toil and frustration, and paves the way to a home-heating system that is clean burning, marvelously fuel efficient, and a pleasure to live with. Rich in detail without being overwhelming, this book is an essential addition to every homesteader's and builder's library.

---Toby Hemenway, author, *Gaia's Garden* and *The Permaculture City*

An advanced companion to Rocket Mass Heaters: Superefficient Wood Stoves You can Build and Snuggle Up To. The second, more comprehensive work on revolutionary wood heating; thorough, technically advanced, comprehensive, well thought-out by the experienced masters of rocket stoves.

---Ianto Evans, director and founder, Cob Cottage Company, inventor of Rocket Mass Heaters and Lorena Stoves

Drawing on the centuries-old tradition of masonry stoves and heaters, the "rocket" mass heater offers a modern, fuel-efficient way to heat a home with wood. This Guide represents more than ten years of collaboration and lessons learned from hands-on building and experimentation. The result is a frank, practical and detailed discussion of design and construction, pros and cons, and helpful anecdotal stories. While passionate about empowering the owner-builder, the authors also address code compliance and stress fire safety.

---Catherine Wanek, author/photographer, *The New Strawbale Home* and *The Hybrid House*, and co-author, *The Art of Natural Building*

In The Rocket Mass Heater Guide, Erica and Ernie Wisner have distilled the best, most tried-and-true design for efficient, low-cost, low-effort, carbon-neutral, regenerative home heating. Undoubtedly people will continue to experiment, but it will be hard to improve upon the wisdom of this book — what works, what doesn't and why.

---Albert Bates, author, *The Biochar Solution*

You will be happy to own this book for years and years to come! There are life-changing secrets inside of Erica and Ernie Wisner's most remarkable book, ways of understanding how to live better, more simply, and more beautifully while also being more snuggly and cozy than you ever thought possible!

---Mark Lakeman, co-founder, City Repair and design director, communitecture

Over the years, a handful of dedicated practitioners and authors have helped the natural building movement advance their craft based on solid engineering and experimentation. The authors are among that elite and vital group, and this book is a must-read for anyone who longs for practical, detailed knowledge on rocket mass stoves based on extensive experience.

---Dan Chiras, Ph.D., director, The Evergreen Institute and author, *The Natural House* and *The Homeowner's Guide to Renewable Energy*

Biomass energy is sensible when used super-efficiently and locally -- which is the point of this book. Folks who live in cooler climates can benefit enormously from this simple, do-it-yourself technology.

---Richard Heinberg, Senior Fellow, Post Carbon Institute

The Rocket Mass Heater Builder's Guide provides a remarkable amount of detail for designing, building and using these elegant and efficient space heaters. In a world of ever-diminishing resources, growing populations and changing climates, safe, efficient and low-cost solutions to space-heating without fossil fuels are vitally needed. I have long planned to build a high mass rocket stove in my bioshelter/ greenhouse to replace our woodstove. After reading this book, I feel inspired and feel confident to do it.

---Darrell E. Frey, author, *Bioshelter Market Garden: A Permaculture Farm*

From the Back Cover

Home heating that's safe, clean, efficient, uses 70-90% less fuel than a typical woodstove

*...this book is an essential addition to every homesteader's and builder's library. — Toby Hemenway, author, *Gaia's Garden* and *The Permaculture City**

The second, more comprehensive work on revolutionary wood heating; thorough, technically advanced, comprehensive, well thought-out by the experienced masters of rocket stoves. — Ianto Evans, director and founder, Cob Cottage Company, inventor of Rocket Mass Heaters and Lorena Stoves

HEATING WITH WOOD is often considered a natural and economical alternative to electricity or fossil fuels. However, even with a fairly new and efficient woodstove, many cords of wood are required for burning over the course of a single winter, and incomplete combustion can contribute to poor air quality.

A rocket mass heater is an earthen masonry heating system which provides clean, safe and efficient warmth for your home, all while using 70-90% less fuel than a traditional woodstove. These unique and beautiful installations provide luxurious comfort year-round. In cold weather a few hours of clean, hot burning can provide 20 or more hours of steady warmth, while the unit's large thermal mass acts as a heat sink, cooling your home on sizzling summer days. Packed with hard-to-find information, *The Rocket Mass Heater Builder's Guide* includes:

Comprehensive design, construction, and installation instructions combined with detailed maintenance and troubleshooting advice

Brick-by-brick layouts, diagrams, and architectural plans augmented with detailed parts drawings and photographs for clarity

Relevant and up-to-date code information and standards to help you navigate the approval process with local

building departments.

Earthen masonry heating systems are well-suited for natural and conventional builders alike. A super-efficient, wood-burning, rocket mass heater can help you dramatically reduce your energy costs while enhancing the beauty, value, and comfort of your home.

...represents more than ten years of collaboration and lessons learned from hands-on building and experimentation. The result is a frank, practical and detailed discussion of design and construction, pros and cons, and helpful anecdotal stories. While passionate about empowering the owner-builder, the authors also address code compliance and stress fire safety.

— Catherine Wanek, author, *The New Strawbale Home* and *The Hybrid House*, co-author, *The Art of Natural Building*

Distills the best, most tried-and-true design for efficient, low-cost, low-effort, carbon-neutral, regenerative home heating. It will be hard to improve upon the wisdom of this book. — Albert Bates, author, *The Biochar Solution*

Erica and Ernie Wisner have built over 700 super-efficient, clean-burning rocket stoves and masonry heaters. They are dedicated to the search for sustainable solutions and the hands-on teaching of creative, ecological, and practical skills.

About the Author

Erica Wisner is a skilled educator and project coordinator, with over 25 years' experience building teamwork and facilitating hands-on learning. She loves making things from scratch - anything from blueberry scones to the oven they were baked in. Erica is the author of *The Ultimate Girls' Guide to Science* and *The Art of Fire* and she has also created instructional materials and rocket mass heater resources for the Oregon Museum of Science and Industry, The City Repair Project, Handprint Press and others. Together with her husband Ernie, she has built over 700 super-efficient, clean-burning masonry stoves and led over 50 workshops across North America.

Ernie Wisner is a jack of all trades – his rich and varied background includes fishing and maritime work, firefighting, botany, natural building, hydraulics, and plumbing maintenance. Extreme conditions and high-risk work focused Ernie's attention on survival skills and emergency preparedness.

After witnessing hard evidence of global climate change, Ernie's search for sustainable solutions led him to Cob Cottage Company, where he built his first rocket mass heaters while serving on the research team for Ianto Evans and Leslie Jackson's pioneering *Rocket Mass Heaters*. Together with his wife Erica, he has built over 700 super-efficient, clean-burning masonry stoves and led over 50 workshops across North America.

Users Review

From reader reviews:

John Solorio:

Book is to be different for each grade. Book for children until eventually adult are different content. We all know that that book is very important for us. The book *The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting* seemed to be making you to know about other knowledge and of course you can take more information. It is quite advantages for you. The publication *The*

Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting is not only giving you much more new information but also being your friend when you truly feel bored. You can spend your own spend time to read your reserve. Try to make relationship together with the book The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting. You never feel lose out for everything when you read some books.

Sarah Johnson:

In this 21st centuries, people become competitive in most way. By being competitive right now, people have do something to make these individuals survives, being in the middle of typically the crowded place and notice by simply surrounding. One thing that at times many people have underestimated the idea for a while is reading. Sure, by reading a publication your ability to survive enhance then having chance to remain than other is high. In your case who want to start reading the book, we give you this particular The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting book as starter and daily reading e-book. Why, because this book is more than just a book.

Melissa Fanning:

Information is provisions for people to get better life, information today can get by anyone with everywhere. The information can be a expertise or any news even an issue. What people must be consider when those information which is in the former life are challenging to be find than now is taking seriously which one would work to believe or which one the particular resource are convinced. If you obtain the unstable resource then you obtain it as your main information you will have huge disadvantage for you. All those possibilities will not happen in you if you take The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting as the daily resource information.

Theodore Rivas:

Reading a publication can be one of a lot of task that everyone in the world loves. Do you like reading book and so. There are a lot of reasons why people enjoyed. First reading a book will give you a lot of new facts. When you read a reserve you will get new information due to the fact book is one of several ways to share the information as well as their idea. Second, looking at a book will make a person more imaginative. When you reading through a book especially fictional book the author will bring one to imagine the story how the character types do it anything. Third, you could share your knowledge to some others. When you read this The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting, you can tells your family, friends in addition to soon about yours guide. Your knowledge can inspire others, make them reading a guide.

Download and Read Online The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and

Troubleshooting By Erica Wisner, Ernie Wisner #SRC0HL7Z416

Read The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner for online ebook

The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner books to read online.

Online The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner ebook PDF download

The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner Doc

The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner Mobipocket

The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner EPub

SRC0HL7Z416: The Rocket Mass Heater Builder's Guide: Complete Step-by-Step Construction, Maintenance and Troubleshooting By Erica Wisner, Ernie Wisner