



# The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost!

By Gaelan Brown

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Here is a revolutionary approach for heating rooms and generating hot water. Author Gaelan Brown has worked with engineers and compost scientists to refine methods of composting that can heat greenhouses, barns, buildings, and hot water, all without combustion.

It seems almost too good to be true: make high-value organic compost while generating reliable combustion-free heat. But it works, and this book is your practical introduction. With detailed case studies of large scale engineered systems and plans for constructing small DIY systems, you'll find step-by-step illustrations and photos to guide you through the process. A review of calculations to help you estimate the heating capabilities of various approaches and other planning tools make this book invaluable for compost heat recovery on any scale.

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## **The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! By Gaelan Brown Bibliography**

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### Editorial Review

#### Review

“Of the humble things that might save this imperiled planet, compost is near the top of the list. When you read this guide, you’ll understand why?and maybe you’ll get off the pot and start working on it!” (Bill McKibben, environmentalist, educator, bestselling author, and cofounder of 350.org)

“Organic materials make up about two-thirds of the solid waste stream. Galen Brown’s book will add momentum to the growing?and vital?movement to treat this waste as a valuable resource. As he demonstrates through a range of fascinating case histories, composting offers more than the most earth-friendly solution for feeding crops?it can also be a source of energy. The Compost-Powered Water Heater is rich with detail and includes clear instructions for those who want to create the innovative systems it profiles.” (Carl Smith, editor in chief, Green Technology)

“It’s not often you learn about a new approach to renewable energy that’s easily accessible to homeowners. The Compost-Powered Water Heater is an indispensable handbook for anyone interested in diving into the details of how to do this for your own home or farm.” (Kate Stephenson, Yestermorrow Design Build School)

“The only thing more surprising than the massive potential for compost-based heat capture is how long it’s taken to get a book on the subject. This is a topic and book the world has needed for a long time.” (Ben Falk, M.A.L.D., Whole Systems Design, LLC)

“In addition to a fine how-to guide on constructing compost-heat recovery systems, Gaelan documents the many errors that inventors fell victim to in efforts to produce an efficient system capable of going the long distance of multiple heating seasons. Whether he is discussing the merits of a truly static system?complete with documentation by major universities?or the troubles of getting a stalled system operational again, this step-by-step manual makes you aware of all the potential pitfalls and how to avoid them. All said, this easy-to-understand guide is a must-read for serious compost-powered projects.” (Paul Comey, former Vice President of Environmental Innovation, Green Mountain Coffee Roasters)

“As industrial civilization begins its inevitable descent from the peak of fossil fuel production, technologies like compost-generated heat will be our lifeline to a decent and sustainable future. Gaelan Brown shows how these methods represent a holistic rethinking of the ways we inhabit the planet.” (Ron Miller, PhD, author/editor Most Likely to Secede)

“After three decades in renewables, this took me by surprise?who would have thought you could heat your house or greenhouse with compost! Heating with compost is true ingenuity at work. It’s ingenious.” (Paul Gipe, founder, WindWorks.org)

“This book has given me inspiration to try out different techniques next time around, and I see where I made beginner’s mistakes on my first mound. It is a very useful book that proves beyond doubt that there are endless possibilities for capturing and using the heat generated by composting organic material, both at home and on larger scales. We all know that the world needs cleaner energy sources and restored soils capable of supporting food production. With compost heat recovery you get both! And it doesn’t have to cost a fortune. After reading this book you’ll want to get out there and try building a compost mound for yourself.” (Joshua

Fenton Cabell, Research Technician, Bioforsk Organic Food and Farming Division, Norway)

“This book is practical, complete, useful, and well written. I learned a lot and am impressed with the innovation and the investment opportunity for compost power. It’s an exciting opportunity that doesn’t need government subsidies to be viable.” (Doug Casey, bestselling author of Crisis Investing)

#### About the Author

Gaelan Brown is the founder of CompostPower.org, an open source research network that has developed new methods of generating hot water from specially designed compost systems, and he’s taught classes on the topic at Vermont’s Yestermorrow Design Build School for several years.

### Users Review

#### From reader reviews:

##### **Anita Jones:**

Book is to be different for each and every grade. Book for children until finally adult are different content. As it is known to us that book is very important normally. The book The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! was making you to know about other know-how and of course you can take more information. It is rather advantages for you. The book The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! is not only giving you a lot more new information but also being your friend when you truly feel bored. You can spend your personal spend time to read your publication. Try to make relationship while using book The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost!. You never really feel lose out for everything should you read some books.

##### **Allison Devore:**

Now a day people that Living in the era wherever everything reachable by match the internet and the resources inside can be true or not require people to be aware of each data they get. How many people to be smart in getting any information nowadays? Of course the solution is reading a book. Looking at a book can help individuals out of this uncertainty Information particularly this The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! book because book offers you rich data and knowledge. Of course the data in this book hundred per cent guarantees there is no doubt in it you probably know this.

##### **Martha Howell:**

This book untitled The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! to be one of several books this best seller in this year, here is because when you read this guide you can get a lot of benefit in it. You will easily to buy this kind of book in the book retailer or you can order it via online. The publisher of this book sells the e-book too. It makes you easier to read this book, because you can read this book in your Touch screen phone. So there is no reason to you personally to past this book from your list.

**Charlie Seymour:**

The publication with title The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! possesses a lot of information that you can discover it. You can get a lot of advantage after read this book. That book exist new knowledge the information that exist in this publication represented the condition of the world now. That is important to yo7u to know how the improvement of the world. This specific book will bring you in new era of the glowbal growth. You can read the e-book on your own smart phone, so you can read the idea anywhere you want.

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