



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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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:

Earl Austin:

Your reading 6th sense will not betray you actually, why because this The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! book written by well-known writer we are excited for well how to make book that can be understand by anyone who all read the book. Written with good manner for you, dripping every ideas and producing skill only for eliminate your own personal hunger then you still question The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! as good book not merely by the cover but also through the content. This is one e-book that can break don't judge book by its handle, so do you still needing one more sixth sense to pick this kind of!? Oh come on your looking at sixth sense already alerted you so why you have to listening to yet another sixth sense.

Eliseo Watkins:

Reading a book to be new life style in this calendar year; every people loves to learn a book. When you examine a book you can get a lots of benefit. When you read guides, you can improve your knowledge, because book has a lot of information on it. The information that you will get depend on what types of book that you have read. If you want to get information about your examine, you can read education books, but if you act like you want to entertain yourself look for a fiction books, these us novel, comics, and soon. The The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! will give you new experience in studying a book.

Johnny Relyea:

Many people spending their time frame by playing outside with friends, fun activity using family or just watching TV the whole day. You can have new activity to shell out your whole day by reading a book. Ugh, you think reading a book can really hard because you have to accept the book everywhere? It fine you can have the e-book, getting everywhere you want in your Smart phone. Like The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost! which is keeping the e-book version. So , why not try out this book? Let's notice.

Rosemary Lilly:

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