

Table of Contents

What this Book is About	9
Who this Book is For	9
The Fine Print	9
Cross-section of a Typical Rocket Mass Heater	11
Why Rocket Stoves?	12
Significant Features of Rocket Style Heating Stoves	13
Draft Works the Stove	14
Campfires	14
Chimneys	14
Woodstoves	14
Rocket Stoves are Different	15
Combustion and Heat	17
How Wood Burns	17
The Three T's	18
The Thermal Battery	18
How Heat Moves	19
Radiation	19
Convection	19
Conduction	20
Insulation	20
Comfort Through Stored Heat	21
Step-by-Step Construction	22
Designing Your Stove and Thermal Battery	23
The Combustion Unit	23
Directing the Heat	24
The Thermal Battery	25
Placing the Pipe	25
Built-in Furniture	27
Planning the Exit Flue	27
Materials and Tools You'll Need	29
Bricks	30
Clay	30
Sand	31
Barrels	31
Stovepipe	32
High Temperature Insulation	33
Insulation Containers	33
Steel Pipe	33
Urbanite	34
Straw	34
Dimentia and Proportia	35
Constructing the Stove Itself	37
Mortar	37
A Mock-up	37
Insulation Under the Stove	39

Building the Brickwork	39
Adding Insulation	40
Setting the Barrel	41
Tips on Laying Brick.	41
Building the Thermal Battery.	48
Materials for Building a Bench, Couch or Bed	48
Lay out Exhaust	48
Connecting Stove to Bench	48
Locate Clean-outs.	49
Sculpt the Thermal Battery	49
Feeding and Caring for your Dragon.	50
Light my Fire.	51
Choice and Use of Paper	51
Adding Kindling	52
Stoking	52
The Fuel You Burn	53
Keep it Dry	53
Kindling Selection.	53
Choosing Firewood	53
Maintenance	55
Cooking on the Rocket Stove.	56
Fire! Fire!	58
Burning Questions.	59
Trouble Shooting.	64
Drawbacks of Rocket Stoves	67
Adaptations and Other Kinds of Rocket	69
The Rocket Hot Tub.	70
Detroitus and the Pocket Rocket	71
The Guatemalan Cookstove: <i>Estufa Rocky</i>	72
The Bengali Pit Stove	73
Heating Water	74
Coffee Rocket	75
How to Make a Pocket Rocket.	76
Research Needed and Experiments	78
Case Studies	80
Tom & Calleagh	80
A Rocket-Fired Wood Kiln	85
Donkey's Rocket	86
The Reinharts	86
Bernhard Masterson	89
Kiko Denzer.	91
Flemming Abrahamsson.	92
Glossary	94
More Information	95
Resources on Pyromania	95
Books on Natural Building and Wood Burning	96
About Cob Cottage Company	97
Ianto Evans	97
Leslie Jackson.	97
Afterword.	98
Thanks	99