



# The new edition is here!

## The definitive guide for home building in Canada

For those who need to know how to build homes in one of the toughest climates on earth, the *Canadian Home Builders' Association Builders' Manual* is the most authoritative guide you will find for building superior energy-efficient housing.

This newly expanded and updated edition, based on the building techniques proven by R-2000, offers over 400 pages of concise information and easy-to-follow illustrations.

*"A must have for every 'green' builder."*

**Richard Lind**, CHBA Corporate Secretary, Environmental Affairs

This book is an invaluable reference for contractors, builders, renovators, students, consumers, and anyone else who wants to understand how homes *should* be built.



### What's inside?

- Chapter 1 Introduction
- Part 1 — Building Design**
- Chapter 2 Building Science
- Chapter 3 Design Considerations
- Chapter 4 Indoor Air Quality
- Chapter 5 Housing and the Environment
- Part 2 — Building Envelope**
- Chapter 6 Air, Vapour, Weather, Thermal, Moisture, and Termite Barriers
- Chapter 7 Materials
- Chapter 8 Air Barrier System Construction
- Chapter 9 Foundations
- Chapter 10 Floors
- Chapter 11 Walls
- Chapter 12 Attics and Roofs
- Chapter 13 Windows and Doors
- Chapter 14 Factory-Built Housing
- Part 3 — Mechanical Systems**
- Chapter 15 Principles of Space Conditioning
- Chapter 16 Heating Systems
- Chapter 17 Heat Distribution Systems
- Chapter 18 Ventilation Systems
- Chapter 19 Cooling Systems
- Chapter 20 Domestic Hot-water Systems
- Chapter 21 Renewable Energy
- Chapter 22 Home Automation
- Chapter 23 On the Path to Net-zero Energy Housing
- Appendices**
- Appendix 1 Insulation Values
- Appendix 2 Vapour and Air Permeance
- Appendix 3 Selecting the Building Envelope
- Appendix 4 Ventilation System Checklist
- Appendix 5 Glossary
- Appendix 6 Conversion Factors

**Order now!** VISIT OUR WEBSITE AT [www.buildermanual.com](http://www.buildermanual.com)

You can also call us, or fill in this form and fax or mail it to the address below.

Canadian orders	US orders
\$65.00 + 12.00 shipping + 3.85 HST	\$65.00 + 20.00 shipping
_____ copies @ \$80.85 ea. = _____	_____ copies @ \$85.00 ea. = _____

Cheque or money order payable to CHBA enclosed [  ]  
 Charge my VISA [  ] Mastercard [  ]  
 Card number \_\_\_\_\_ Exp. date \_\_\_\_\_  
 Signature: \_\_\_\_\_

**SHIP TO** Name \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Province/State \_\_\_\_\_  
 Postal/Zip Code \_\_\_\_\_ Phone \_\_\_\_\_

**Builders' Manual Sales, Canadian Home Builders' Association**  
 150 Laurier Avenue West, Suite 500, Ottawa ON K1P 5J4

Phone: 613-230-3060 Fax: 613-232-8214 Email: [sales@chba.ca](mailto:sales@chba.ca)

For international or bulk orders, please call.