How Your House Works
By Charlie Wing

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About the Book

Market
A time-saving reference, not only for homeowners and new construction experts, but also for contractors who need to check or repair an item that’s not their specialty.

Description
This unique, all-illustrated guide shows how a home’s appliances, fixtures and building systems work, common malfunctions, and how to troubleshoot a problem. Easy-to-understand explanations and see-through, cross-section drawings describe how things are put together and how they function—what to check if they don’t work, and what a homeowner can do that might save having to call in a professional. The book can also help readers understand building systems, materials, appliances, and fixtures if they’re building a new house or remodeling.

Virtually everything is included:
• Electrical—circuit breakers and grounding, service, outlets, lamps and fixtures.
• Heating and air conditioning—gas, electrical and oil—ductwork and piping, thermostats, central and window AC units, humidifiers and dehumidifiers, and air filtering systems.
• Plumbing—kitchen and bath fixtures, piping, water heaters, traps and vents, septic tanks, pumps, and water softener systems—even sprinkler systems and swimming pool filters/heaters.
• Major household appliances—in the kitchen and laundry.
• Foundation, framing, doors and windows—including issues like drainage and radon, types of framing and how it supports the house, and all types of doors and windows.
About the Author

Charlie Wing has written and co-authored more than 20 books on home repair and improvement. An MIT graduate, Charlie was founding and technical editor for Smart Homeowner magazine, and developed and hosted a national PBS series on home remodeling for energy efficiency. He has been a guest more than 400 times on home improvement radio and television shows, including on the Discovery Channel, PBS and NBC’s “Today Show.”

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