Residential Ventilation Handbook: Ventilation to Improve Indoor Air Quality

Paul Raymer
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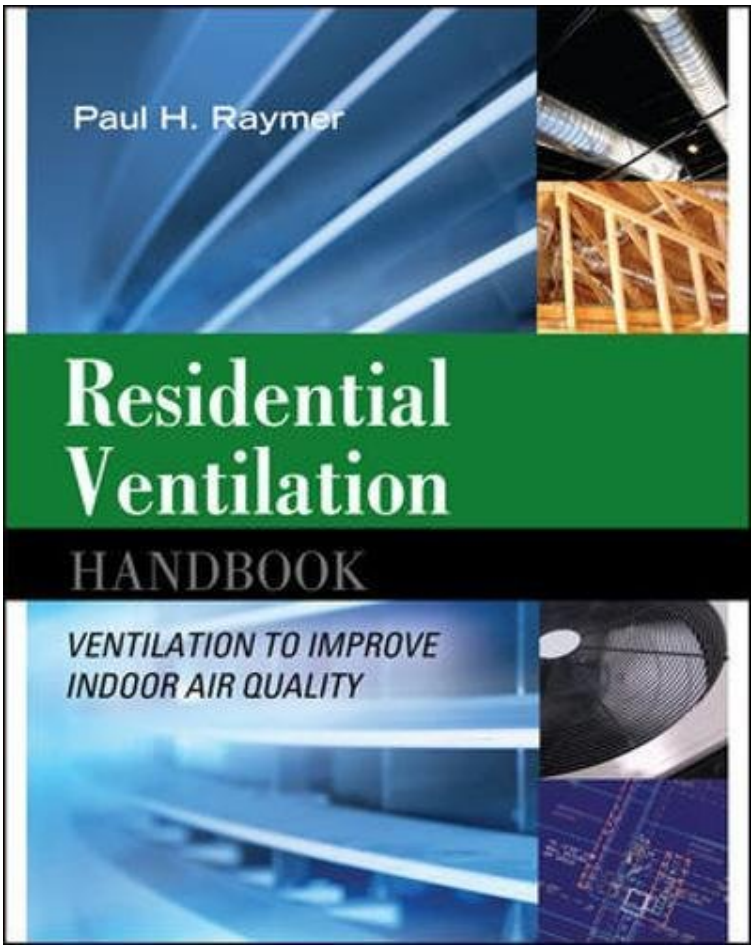

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Paul Raymer : Residential Ventilation Handbook: Ventilation to Improve Indoor Air Quality before purchasing it in order to gage whether or not it would be worth my time, and all praised Residential Ventilation Handbook: Ventilation to Improve Indoor Air Quality:

1 of 1 people found the following review helpful. Great illustrations and diagramsBy John P. CallanA good book for most readers, but not a substitute for the ASHRAE or ACCA manuals. There are many good illustrations that go along way to improve understanding.Beware of one problem the book has - references to Heat Recovery Ventilators and Energy Recovery Ventilators are sometimes confusing. Heat Recovery Ventilators are simple heat exchangers the swap heat between exhaust and intake air. Energy Recovery Ventilators do all that the Heat Recovery Ventilators and absorb and release humidity also know as Latent Heat with an Enthalpy Wheel. Throughout the book the terms are sometimes used interchangeably. Page 4.9-4.11 does have an accurate explanation.0 of 0 people found the following

review helpful. Excellent HandbookBy CedelisleFantastic reading for anyone interested in improving the quality of the air and the comfort of residential homes. A great resource of information for anyone working on residential energy retrofit work or new construction to help meet today's building codes. Written in an easy format to follow and understand for non professional as well as professional personnel. Highly recommend!!!0 of 0 people found the following review helpful. Great Book!By John NicholasThis book tells the story of humidity inside a home and the challenges of controlling it. Along the way duct work fans noise and equipment that help us control humidity are covered. The polluting effect of humidity is an important part of the story.

A comprehensive guide to residential ventilation systems Ventilation is a critical component for building durability and occupant health. Residential Ventilation Handbook gives you the information you need to select and install the appropriate ventilation system for any home. This practical resource covers the latest codes and standards, including the International Mechanical Code (IMC), International Residential Code (IRC), and ASHRAE-62-2 ("Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings") requirements, as well as green building guidelines. Ideal as an on-the-job reference and troubleshooting manual, this is an essential guide for novices and experienced contractors alike. Residential Ventilation Handbook covers:Basic applications, airflow, and sizing guidelinesSystem design, installation details, and sound considerationsEffects of house pressuresPassive inlets, outlets, transfer grilles, and makeup airVerification of performance, testing, troubleshooting, service, and maintenance Costs of ventilation, including first costs and life-cycle costsCode and program requirements Fan types and applicationsVentilation for cooling and special applicationsHumidifiers, dehumidifiers, filters, and ventilation accessories

About the AuthorPaul H. Raymer is chief investigator and co-founder of Heyoka Solutions, LLC. The current chair of the Home Ventilating Institute's IAQ (Indoor Air Quality) Committee, he has written numerous articles on ventilation systems and has taught courses on the subject at the Harvard Graduate School of Design.