



# HVAC DESIGN in A TIME-CONSTRAINED WORLD

## BOISE, ID

**Date:** Tuesday, November 29 **Time:** 9 am - 4 pm

**Location:** Idaho Power - Auditorium 1221 West Idaho St.,  
Boise, ID 83702

**Cost:** \$35

**Brought to you by:** Northwest ENERGY STAR® Homes

**Register:** Visit our online events calendar  
[northwestenergystar.com/partners/calendar](http://northwestenergystar.com/partners/calendar)



## TRAINING OVERVIEW

This class will focus on the information that installing contractors need to know to make homes more comfortable and meet the Version 3 ENERGY STAR Homes requirements. The training takes a contractor's view of HVAC design and outlines a process that recognizes the time and budget constraints of the new housing market. The topics of heat loss/heat gain, equipment selection, fan performance, duct design and register and grille selection will be covered. The class is designed for maximum audience participation including hands-on exercises.

## TRAINER BIO | Bruce Manclark, Delta-T

Bruce brings nationally recognized leadership in residential energy efficiency technical training and implementation of conservation programs. He is Co-Owner of Delta-T, an energy services company specializing in delivering energy conservation services, implementing residential energy conservation programs, performing energy audits and inspections, and delivering technical training to energy auditors, inspectors, HVAC contractors, and community college students. His company has inspected more than 20,000 homes.

## WHAT IS AN ENERGY STAR QUALIFIED HOME?

Northwest ENERGY STAR Homes are better built, more comfortable homes that save homeowners money on their utility bills every month. Every Northwest ENERGY STAR qualified home has been built to meet energy efficient guidelines set forth by the Environmental Protection Agency. Simply stated, ENERGY STAR homes are built better for your clients and the environment.

## ★ Training Materials Requirements

Manual D is a required textbook for these classes. You must bring your own copy or purchase one at the time of registration at the ACCA membership price of \$65 (including shipping). Please notify Nicole Cecchini (a minimum of ten days in advance of the training date) if you would like to order the manual as part of your registration. The manuals can also be ordered online through ACCA at <https://www.acca.org/store/>

## Questions?

Contact Nicole Cecchini by email ([ncecchini@northwestenergystar.com](mailto:ncecchini@northwestenergystar.com)) or by phone (503.808.9003 ext.114)

## Additional Dates

**Bozeman, MT** | Wed., Nov. 9, 9 am - 4 pm

**Tri-Cities, WA** | Mon., Nov. 14, 9 am - 4 pm

**Seattle, WA** | Thurs., Dec. 1, 9 am - 4 pm

**Vancouver, WA** | Fri., Dec. 9, 8 am - 2:30 pm

**Spokane, WA** | Tues., Dec. 13, 9 am - 4 pm

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NORTHWEST

