Performing AC Load calculations
Manual S (Equipment Selection)
& Manual D (Duct Design)

8 Contractor CEU Credits
CILB Provider # 694, Course # 0010173 and # 0010174

Register early as seating is limited!

Presented By:

This two–day workshop provides comprehensive training on how to perform Manual J Load calculations, how to select equipment as per Manual S and Ductwork Design as per Manual D. Included is how to perform a field study and a discussion about the Florida Energy Code and its effect on load calculations.


Day 1 Manual J - 8:30am-3:30pm includes:
- Understanding Manual J
- Which construction codes to use
- The quickest and most accurate way to Perform load calculations
- Load preferences (shortcuts)
- Outdoor air requirements
- Understanding load calculation results
- What the building departments are looking for

Day 2 Manuals S & D - 8:30am-12:30pm includes:
- Selecting proper equipment as per code (residential equipment)
- Residential ductwork design
- Understanding static pressure loss
- Equivalent length fittings selection and duct sizing calculations
- Air side examples and samples of job duct sizing

What You Need to Bring with You
Bring a laptop and mouse to interact with class (Wrightsoft demo version provided by the instructor). If already using Wrightsoft, spreadsheet or Elite software, it may be used during class instead of the demo software. Software works best with a PC-based laptop or Mac OS that is PC integrated.

Bob Volin - Instructor
Bob has been in the air conditioning industry for over 43 years, with 38 years as a state licensed A/C contractor. In 2001, he became a CEU provider to offer classes to A/C contractors throughout Florida on performing Manual J load calculations using Wrightsoft Software.

Continental breakfast provided. Lunch is on your own.