



This workshop is supported by Tampa Bay RACCA

The Manual J/S/D Workshop is professionally managed by Construction Resources Group (CRG).

PERFORMING A/C LOAD CALCULATIONS WORKSHOP

Manual J/S/D Workshop

8:30am – 3:30pm (both days)

November 12-13, 2024

Location

Trane Supply Clearwater
12385 Automobile Boulevard
Clearwater, FL 33762

Cost

Manual J/S/D Two-Day Workshop
\$329/person (early bird)
\$400/person (regular rate)

8 NATE CEUs and 8 Licensed Contractor CEUs

Manual J/S/D Workshop CILB Provider # 694, Course 0010173 and # 0010174

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)

- Understanding Manual J
- Which construction codes to use
- The quickest and more accurate way to perform load calculations
- Load preferences (short-cuts)
- Outdoor air requirements
- Understanding load calculation results

Day 2 Manual S & D (8:30am-3:30pm)

- Selecting proper equipment as per code R403.7.1.1 cooling equipment capacity (residential and commercial 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

Coffee, donuts and pastries provided by Trane. Snacks provided by CRG, Inc.
Lunch is on your own.

What You Need to Bring with You

Bring a laptop and mouse to interact with class and Wrightsoft demo version already downloaded from www.wrightsoft.com/download. If currently using Wrightsoft, spreadsheet or Elite software (licensed or demo) - it can be used during class instead of the Wrightsoft demo software. **Software works best with a PC-based laptop or Mac OS that is PC integrated.**

Bob Volin - Instructor and Owner, Air Design Concepts

Bob has been in the air conditioning industry for over 46 years, with 41 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.



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8 NATE CEUs and 8 Licensed Contractor CEUs
Seating is limited. Register ASAP to secure seats.

Complete the registration form and email to charris@cragnet.net or call 727-578-1962 or mail form to CRG, 466 94th Ave., N, St. Petersburg, FL 33702.

Company: _____

Contact: _____

Address: _____

City: _____ St: _____ Zip: _____

Phone: _____ Email: _____

Attendee: _____ NATE CEUs Contractor CEUs Contractor # _____

Attendee: _____ NATE CEUs Contractor CEUs Contractor # _____

Attendee: _____ NATE CEUs Contractor CEUs Contractor # _____

Attendee: _____ NATE CEUs Contractor CEUs Contractor # _____

PAYMENT

\$329/person (Early bird rate until 10/14/24) | **\$400/person** (regular rate) **TOTAL: \$** _____

CHECK (payable to CRG) or Visa MasterCard Discover AMEX

Card Number: _____ Expiration: _____ CVC: _____

Name on Card: _____

Billing Address: _____

City: _____ St: _____ Zip: _____

Phone: _____ Email: _____