



Manual J, S and D Training

For HVAC contractors, designers, estimators, operation managers and anyone interested in the load calculation process.

**8 Contractor or NATE CEU Credits - CILB Provider #694, Course #0010173 and #0010174
Register early as seating is limited.**



DATES/LOCATIONS

January 24-25, 2018

**Brown & Brown
of Florida, Inc. Miami
Division**

Training Room
14900 NW 79th Court, Ste. 200
Miami Lakes, FL 33016

January 30-31, 2018

**Johnstone Supply -
The Ware Group**

1819 Old Okeechobee Rd.
West Palm Beach, FL 33409

February 6-7, 2018

Carrier Enterprise

Training Room
1802 Grant St., Ste. 100
Tampa, FL 33605

February 21-22, 2018

R.E. Michel

Training Room
1736 Trade Cntr. Way
Naples, FL 34109

COST

**\$199/members
(SFACA, SWACCA, PBACCA
and RACCA members)**

\$269/non-members

This two-day workshop provides comprehensive training on how to perform load calculations, how to select equipment as per Manual S and Ductwork Design as per Manual J. Included is how to perform a field survey and discussion about the Florida Energy Code and its effect on load calculation results. Class will use a demo version of residential version of Wrightsoft® software.

Day 1 Manual J - 8:30am-3:30pm includes:

- How to set-up templates
- Which construction codes to use
- The quickest and most accurate way to perform load calculations
- Load preferences (short cuts)
- What the building departments are looking for
- Outdoor air requirements
- Understanding load calculation results

Day 2 Manuals S & D - 8:30am-2:30pm includes:

- Residential air distribution
- Basic principles - residential equipment selection and duct sizing calculations
- Air side device examples and samples of job duct sizing
- Load calculation results
- Selecting proper equipment
- Understanding static pressure loss
- Equivalent length fittings

What You Need to Bring With You

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

Bob Volin - Instructor

Bob has been in the air conditioning industry for over 37 years, with 33 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 and snacks provided by Brown & Brown of Florida, Inc.,
Carrier Enterprise, Johnstone Supply - The Ware Group and R.E. Michel.**

Lunch is on your own.



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Company: _____

Contact: _____

Address: _____

City: _____ St: _____ Zip: _____

Phone: _____ Email: _____

Attendee: _____

Attendee: _____

PAYMENT (\$199/member; \$269/non-member)

TOTAL: \$ _____

- Check
 - Miami Lakes and West Palm Beach locations payable to SFACA*
 - Naples location payable to SWACCA*
 - Tampa location payable to RACCA*

Credit Card Visa Mastercard Discovery Amex

Name on Card: _____

Address: _____

City/St/Zip: _____

Card #: _____ Expiration: _____ CVC Code: _____

Cancellations must be received in writing no later than noon *two days before* training. No shows will be billed. Call, fax, mail or email registrations to: 466 94th Ave. N. | St. Petersburg, FL 33702 | 727-209-0890 | Fax: 727-578-9982 | charris@crngnet.net.