

**REGISTER NOW FOR TRAINING CLASSES**  
**CE - Continuing Education Credits Required**  
***Need to Complete by June 2020!***

**MANDATORY  
TRAINING EVERY  
2 YEARS**

## **Master HVACR Contractor License Training Class**

### **NEW JERSEY STATE REQUIRED 5-HOUR CLASS**

#### **MANDATORY**

##### **2018 IRC**

##### **International Residential Code**

##### **M1401.3 Equipment and Appliance Sizing**

ACCA Manual J - Load Calculations

ACCA Manual S - Equipment Selection

##### **M1601.1 Duct Design**

ACCA Manual D - Duct Design and Sizing

#### **MANDATORY**

##### **2018 IECC**

##### **International Energy Conservation Code**

##### **R403.7 Equipment Sizing and Efficiency Rating**

ACCA Manual J and S

##### **R403.3.2 Sealing**

Ducts, air handlers and filter boxes shall be sealed.

##### **R403.3.3 Duct Tested/Pressure Tested**

##### **R403.3.4 Duct Leakage**

(Prescriptive)

##### **R403.3.5 Building Cavities**

Building framing cavities shall not be used as ducts or plenums. No panning of wall cavities for supply or return ducts and plenums.

#### **CLASS SUBJECTS**

- Review of the Law and Public Safety
- 2018 IRC and 2018 IECC - Code
- Sealing Duct Work
- Duct Leakage Testing
- No Supply or Return Panning
- ACCA Manuals J, S, and D
- ACCA Manuals Zr, T, and B
- Training Review: ACCA Approved Elite Software Program for Manual J, S, and D; RHVAC, Draw Board, and Duct Sizing

#### **CLASS DATES**

01-14-2020	Tuesday AM
01-18-2020	Saturday AM
02-11-2020	Tuesday AM
<b>02-11-2020</b>	<b>Tuesday PM</b>
02-22-2020	Saturday AM
03-07-2020	Saturday AM
03-10-2020	Tuesday AM
<b>03-10-2020</b>	<b>Tuesday PM</b>
03-28-2020	Saturday AM
<b>04-07-2020</b>	<b>Tuesday PM</b>
04-08-2020	Wednesday AM
04-18-2020	Saturday AM
04-22-2020	Wednesday AM
04-25-2020	Saturday AM
05-05-2020	Tuesday AM
05-12-2020	Tuesday AM
05-19-2020	Tuesday AM
05-23-2020	Saturday AM
05-26-2020	Tuesday AM

**KNOWLEDGE  
IS POWER**

*Become compliant or be  
subject to consumer fraud!*

**REGISTER ONLINE AT: [hvacrcomfortpro.com/training/](http://hvacrcomfortpro.com/training/)**

*Master HVACR Contractor License Number 19HC00194800 and HVACR CE Sponsor License Number 19SP00024600*

Please note that ACCA Manual J+S+D computations are too complex to perform by hand, the designer MUST use approved software. There are currently

**7 APPROVED ACCA SOFTWARE PACKAGES** for load calculations, including:

**ACCA Manuals J+S+D**

- Elite Rhvac, Duct Design, Ductsize
- Wrightsoft Right-J8
- Adtek Acculoads

**ACCA Manual J**

- Cool Calc Manual J
- Florida Solar Energy Centers Energy Gauge
- Avenier MJ8 Editions of HeatCAD and LoopCAD
- Carmelsoft HVAC ResLoad-J

Note that not all packages are equal in their capabilities. For additional information please refer to:  
<https://www.acca.org/standards/approved-software>

**— STATE OF NEW JERSEY —**

When calculating the loads and sizing equipment, certain design conditions must be used:

	<b>Heating</b>	<b>Cooling</b>
Outside db (°F)	6 to 15	88 to 91
Inside db (°F)	70	75

**FAQ:** Why do we need to do a load calculation (Manual J) and equipment selection (Manual S) on an existing house? Can't it just be the same size as what was already there before?

**ANS:** Because the original system was most likely not properly engineered to begin with. Because buildings change over time, i.e. weatherization, improvements, additional area, etc. Because modern equipment doesn't necessarily work the same as the system being replaced.

**Coming March 2020 - 2018 IRC & 2018 IECC**

**EASY ONLINE REGISTRATION AT: [hvacrcomfortpro.com/training/](http://hvacrcomfortpro.com/training/)**

*When registering online be prepared to provide the following information:*  
 Name - Attendee's Name, Cell Phone Number, and Email Address - Credit Card Payment



**LOCATION:** American Legion Post 129  
 2025 Church Rd, Toms River NJ 08753  
 Joe Navarra, Class Instructor  
 jnavarra@hvacrcomfortpro.com



**DETAILS:**

- Training fee \$200 per person (non-refundable for no-show).
- Registration must be completed and confirmed prior to the class. NO WALK-INS.
- Seating limited to 50 students.
- **AM check-in** begins at 7:45 a.m. Class time 8:30 a.m. - 2:30 p.m.
- **PM check-in** begins at 3 p.m. Class time 4 p.m. - 10:00 p.m.
- Continental breakfast and lunch provided.
- Call 848-992-7392 to inquire about group training at your location.

**HVACR Comfort Pro, LLC**

*Trainer and Consultant for the Trades*  
 46 Mount Ararat Lane  
 Toms River, NJ 08753

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